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1910

Germain

SEED & PLANT CO.
LOS ANGELES, CAL.

UNSET COLLECTION OF NEW ORCHID FLOWERING
SWEET PEAS

SEE PAGE 2.

Germain's

SCHOOL GARDEN SEED



The important educational part taken by the School Garden is more and more becoming recognized by educators all over the world. Such an authority as Ernest B. Babcock says, "The School Garden has come to stay. It is not a fad. On the contrary it is a fundamental prerequisite to all true nature-study." We want to help along the good work. Write us for special prices.

Venice, Calif., July 6, 1909.

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 were greatly appreciated.

That the "Venice School Gardens" 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.

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.....	15
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 of 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.

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.

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, cobs 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

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.



Germain's

Improved

Varieties of Vegetable Seeds



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.

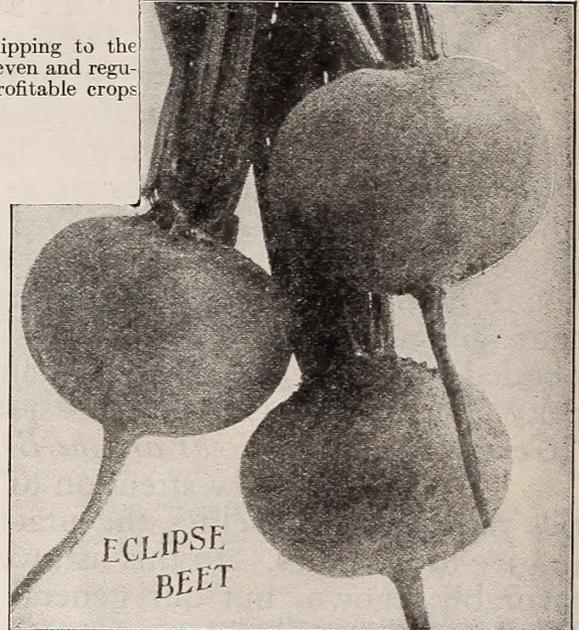
Ventura Wonder Wax. The pods are straight, often 9 inches long, oval, transparently white, entirely stringless and of the finest flavor; extremely hardy, very productive and one of the finest wax beans. Lb. 20cts., 10 lbs. \$1.25, 100 lbs. \$10.00.

POLE OR RUNNING BAENS

Asparagus, or Yard Long. A pole bean producing great clusters



ASPARAGUS OR YARD LONG BEAN



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.

Extra-Early Eclipse; Very early, round-rooted and dark red. Pkt. 5 cts., oz. 10 cts., lb. \$1.00.

Germain's Long Blood. A splendid variety of fine flavor and of long, symmetrical shape. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

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 hardiest 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.

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.

CELERY

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

GERMAIN'S DRY WEATHER CAULIFLOWER

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.

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. 15 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. 80 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 down 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



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 Chilian. 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.



HARVESTING BERMUDA ONIONS IN TENERIFFE

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.

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

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 Mangoes. 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-meated, unusually mild and sweet. Plants are of sturdy growth, about 18 inches high and wonderfully productive; carrying often 15 to 20 handsome fruits to the plant. For slicing and mangoes this variety takes the lead. Pkt. 10 cts., oz. 40 cts., lb. \$4.

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.

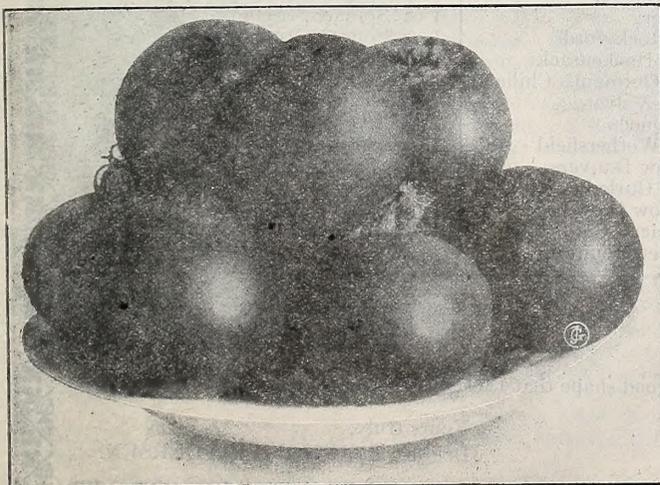
Vines 2½ feet high. Lb. 25 cts., 10 lbs. \$2.00, 100 lbs. \$17.50.

Yorkshire Hero. See back cover and page 2.

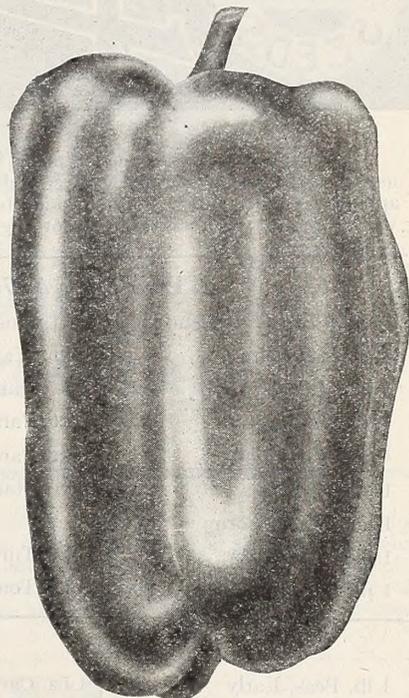
Telephone. Handsome, well-filled, pods; peas large size, good quality; 4 to 5 feet. Lb. 25 cts., 10 lbs. \$2.00.

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.



GERMAIN'S WINTER QUEEN TOMTAAO



NEAPOLITAN PEPPER

It is much sweeter than the older sorts, and requires less sugar in cooking. Admirably adapted for the market gardener for shipping to the eastern markets or the home garden. Pkt. 10 cts., oz. 60 cts., lb. \$7.00.

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 warted, flesh fine and solid. The vine is very resistant to the attacks of bugs. Pkt. 10 cts., oz. 20 cts., lb. \$1.75.

Long Island White Bush. An improved strain of Early White Scallop Bush; very prolific. Pkt. 5 cts., oz. 10 cts., lb. \$1.00.

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

Mammoth Chili. Grows to immense size, often weighing over 200 pounds; very productive. Pkt. 5 cts., oz. 10 cts., lb. \$1.25.

TOMATOES

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

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. 25 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.



Germain's COLLECTIONS OF VEGETABLE SEEDS



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.

COLLECTION A 75c

- | | |
|------------------------------|---------------------------------|
| 2 pkts. Peas, Early and Late | 1 pkt. Muskmelon |
| 1 pkt. Beans | 1 pkt. Watermelon |
| 1 pkt. Beet | 1 pkt. Onion |
| 1 pkt. Cabbage | 1 pkt. Parsley |
| 1 pkt. Cauliflower | 1 pkt. Parsnip |
| 1 pkt. Carrot | 2 pkts. Radish, Long and Turnip |
| 1 pkt. Sweet Corn | |
| 1 pkt. Cucumber | 1 pkt. Turnip |
| 1 pkt. Lettuce | 1 pkt. Tomato |

COLLECTION B \$1.00

- | | |
|---------------------------------|---------------------------------|
| $\frac{1}{2}$ lb. Peas, Early | 1 pkt. Kohl Rabi |
| $\frac{1}{2}$ lb. Peas, Late | 1 pkt. Leek |
| $\frac{1}{2}$ lb. Beans, String | 1 pkt. Lettuce |
| $\frac{1}{2}$ lb. Beans, Wax | 1 pkt. Muskmelon |
| 1 pkt. Beet | 1 pkt. Watermelon |
| 1 pkt. Cabbage | 1 pkt. Onion |
| 1 pkt. Cauliflower | 1 pkt. Parsley |
| 1 pkt. Carrot | 1 pkt. Pepper |
| 1 pkt. Celery | 1 pkt. Pumpkin |
| 1 pkt. Sweet Corn | 1 pkt. Turnip |
| 1 pkt. Cucumber | 2 pkts. Radish, Long and Turnip |
| 1 pkt. Corn Salad | |
| 1 pkt. Egg Plant | 1 pkt. Tomato |

COLLECTION C \$2.50

- | | | | |
|------------------------------|------------------------------|-----------------------|-----------------------|
| 1 lb. Peas, Early | 1 oz. Carrot, Danvers | 1 oz. Lettuce, Curled | 2 oz. Radish, Long |
| $\frac{1}{2}$ lb. Peas, Late | 1 pkt. Celery | 2 pkts. Muskmelon | 2 oz. Radish, Turnip |
| 1 lb. Beans, String | $\frac{1}{2}$ lb. Sweet Corn | 1 pkt. Watermelon | 1 pkt. Rhubarb |
| $\frac{1}{2}$ lb. Beans, Wax | 2 pkts. Cucumber | 1 pkt. Mustard | 1 oz. Spinach |
| 1 oz. Beet | 1 pkt. Corn Salad | 1 pkt. Onion, White | 1 pkt. Squash |
| 1 pkt. Brussels Sprouts | 1 pkt. Egg Plant | 1 pkt. Onion, Yellow | 1 pkt. Tomato, Early |
| 1 pkt. Cabbage, Early | 1 pkt. Kohl Rabi | 1 oz. Parsley | 1 pkt. Tomato, Late |
| 1 pkt. Cabbage, Late | 1 pkt. Kale, Tall Scotch | 1 oz. Parsnip | 1 oz. Turnip, White |
| 1 pkt. Cauliflower | 1 pkt. Leek | 2 pkts. Pepper | 1 pkt. Turnip, Yellow |
| 1 oz. Carrot, Long | 1 oz. Lettuce, Head | 1 pkt. Pumpkin | 1 pkt. Sage |
| | | | 1 pkt. Thyme |

COLLECTION D \$5.00

- | | | |
|--------------------------------------|-------------------------------------|---|
| 1 lb. Peas, Impd. Yorkshire Hero | 1 oz. Cucumber, White Spine | 1 oz. Pumpkin, Mammoth Tours |
| 1 lb. Peas, Amer. Wonder | 1 oz. Cucumber, Long Green | 2 oz. Radish, Scarlet Turnip |
| 1 lb. Beans, 6 Weeks | 1 pkt. Egg Plant, New York | 2 oz. Radish, French Breakfast |
| 1 lb. Beans, Golden Wax | 1 pkt. Endive, Green Curled | 1 oz. Radish, White Icicle |
| 1 lb. Beans, Ky. Wonder | 1 pkt. Kale, Dwarf Curled | 1 pkt. Salsify, Sandwich Island |
| 1 oz. Beet, Eclipse | 1 oz. Lettuce, Big Boston | 1 oz. Spinach, Prickly |
| 1 oz. Beet, Edmund Blood Turnip | 1 oz. Lettuce, Iceberg | 1 oz. Spinach, Round |
| 1 pkt. Brussels Sprouts | 1 oz. Muskmelon, Rockyford | 1 oz. Squash, Hubbard |
| 1 pkt. Cabbage, Winnigstadt | 1 pkt. Muskmelon, Hackensack | 1 pkt. Squash, White Bush |
| 1 pkt. Cabbage, Succession | 1 oz. Watermelon, Germain's Chilean | 1 pkt. Tomato, Beefsteak |
| 1 pkt. Cabbage, Drumhead | 1 pkt. Okra, White Velvet | 1 pkt. Tomato, Stone |
| 1 oz. Carrot, Long Orange | 1 oz. Onion, New Queen | 1 oz. Turnip, Purple Top Strap Leaf |
| 1 oz. Carrot, Danvers | 1 pkt. Onion, Red Wethersfield | 1 oz. Turnip, Golden Ball |
| 1 pkt. Cauliflower, Snowball | 1 pkt. Onion, Yellow Danvers | 1 pkt. Sage |
| 1 pkt. Celery, Golden Self-blanching | 1 oz. Parsley, Moss Curled | 1 pkt. Thyme |
| 1 lb. Sweet Corn, Stowells | 1 oz. Parsnip, Hollow Crown | 1 pkt. Sweet Marjoram |
| 1 lb. Sweet Corn, Early Mammoth | 1 pkt. Pepper, Mexican Chili | 1 Book, "Practical Farming and Gardening," Selling Price \$2.00 |
| 1 pkt. Corn Salad | 1 pkt. Pepper, Sweet Mountain | |

Germain Seed Co.
Los Angeles, Cal.

Aguascalientes, Mexico, Feb. 19, 1909.

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 FINDERSEN.

Germain's

Tested Seeds

GENERAL LIST

1910

VEGETABLE SEED DEPARTMENT

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

Alcachofa Artichoke Artichaut

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

PRICES

Pkt. Oz. 1 lb.

Large Green Globe. The favorite garden variety..... \$0.10 \$0.35 \$3.50

Plants of Large Green Globe Artichoke. See page 27.

Jerusalem Artichoke Roots. See page 30.

ASPARAGUS

Esparrago 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. Pre-vious 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..... .05 .10 .75

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.... .05 .15 1.25

Snowhead. A tender, fine-flavored and productive variety, hav- ing the advantage over other kinds in that it does not discolor when exposed to the sun's rays. Large white stalks..... .05 .25 2.50

Columbia, Mammoth, Barr's Mammoth and Conover's Colossal.. .05 .10 .75

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,

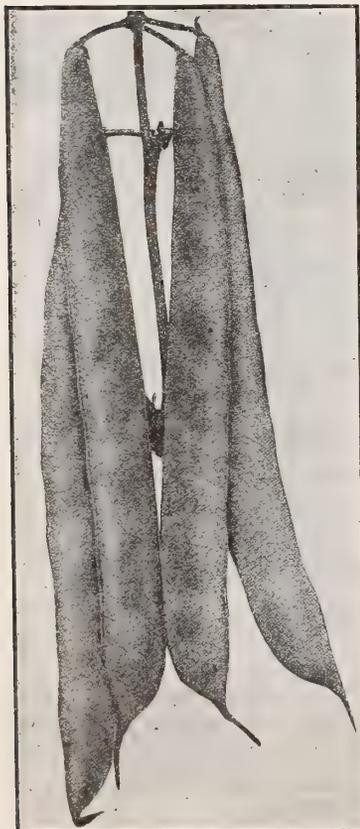
JOS. WYSATA.



PALMETTO ASPARAGUS



BEANS, STRINGLESS GREEN PODS



BEANS, CANADIAN WONDER

BEANS

DWARF OR BUSH

Frijoles

Bohne

Haricots Nains

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

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

GREEN POD

	PRICES		
	1 lb.	10 lb.	100 lb.
Extra Early Refugee. Very early, prolific; fine quality, and a great favorite for canning.....	\$.15	\$.00	\$.90
Long Yellow Six Weeks. Very early and productive; one of the best market varieties; tender and of fine flavor.....	.15	1.00	8.00
Burpee's Stringless Green Pod. An early-maturing, round fleshy podded variety of fine quality. Pods straight, brittle and entirely stringless.....	.15	1.10	9.00
Canadian Wonder. See Specialties.....	.15	1.25	10.00
Early Mohawk. This sort is so much hardier than the others that it can be planted earlier and often will furnish beans fit for use before any other kind.....	.15	1.10	9.00
Extra-Early Round Pod Red Valentine.....	.15	1.00	8.00
French Mohawk. A well known favorite variety, productive and of fine flavor.....	.15	1.25	10.00

WAX OR YELLOW-PODDED

Refugee Wax. A handsome, round-podded variety, extremely productive, bearing large, fleshy, Wax-like pods of splendid quality.....	.15	1.00	9.00
Improved Golden Wax. One of the best strains of Golden Wax, Hardier, more prolific, holds its pods up well, of better quality, pods longer, straighter and thicker than the original Golden Wax.....	.15	1.25	9.00
Improved Prolific Black Wax. In every respect first-class; pods round, a beautiful bright yellow color, very early and continues long in bearing; handsome and immensely productive.....	.15	1.10	9.00
Davis Kidney Wax. An entirely distinct sort, of fine flavor.....	.20	1.25	10.00
Wardwell's Kidney Wax. Very productive; pods straight, flat, 5 inches in length, brittle, stringless and of good flavor, greatly in demand for market use.....	.20	1.25	10.00
Ventura Wonder Wax. See Specialties.....	.20	1.25	10.00
Round Pod Kidney Wax. The pods are long and handsome, slightly curved, round, and very tender.....	.15	1.25	10.00

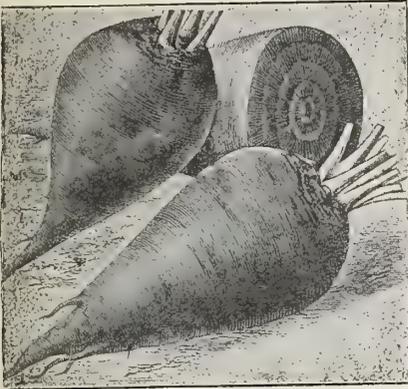
BROAD BEANS

English, or Broad Windsor. The celebrated broad bean of England, growing on a strong stalk about two feet high; beans eaten shelled.....	.10	1.00	7.50
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POLE OR RUNNING BEANS

Frijole de Bejuco	Stangenbohne	Haricots a Rames	
If ordered by mail, add 10 cts. per pound for postage.			
These varieties require a rich soil. Plant in well 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.			
Asparagus, or Yard Long. See Specialties. Pkt. 25c.			
Kentucky Wonder Wax. See Specialties.....	.15	1.25	10.00
Kentucky Wonder or Old Homestead. See Specialties.....	.15	1.25	10.00
Creaseback. See Specialties.....	.15	1.00	9.00
Scarlet Runner. Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality, either when shelled or in a dry state.....	.30		
Lazy Wife's. Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a snap-bean; also a good white shell bean for Winter. One of the very finest flavored..	.15	1.25	10.00
Cut Short. This is a pole bean, an old variety, sometimes known as the "Cornhill" from the fact that it is quite often planted with corn and allowed to climb up the stalk. The pods are round, short and tender.....	.15	1.00	9.00

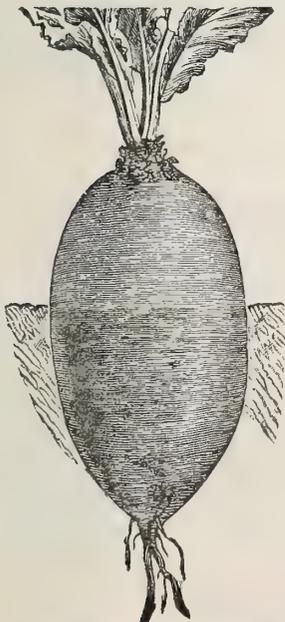
VEGETABLE *Germain's* SEEDS



GERMAIN'S LONG BLOOD BEET



SUGAR BEET



GOLDEN TANKARD BEET

BEANS (Continued.)

	PRICES		
	1 lb.	10 lb.	100 lb.
London Horticultural, or Speckled Cranberry. Vines moderately vigorous, with large, light-colored leaves; pods short, broad, pale green, but becoming streaked with bright red as they mature; good either green or dry.....	\$.15	\$1.00	\$9.00
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.....	.15	1.00	9.00

LIMA BEANS

Burpee's Bush Lima. Splendid dwarf Lima; large and of excellent quality.....	.15	1.25	10.00
Henderson's Bush Lima. A dwarf variety of the Sieva or Southern Lima; produces enormous crops.....	.15	1.25	10.00
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.....	.15	1.00	9.00
Large Lima. A standard variety, unsurpassed in quality as a green or dried shell bean. Matures later than King of the Garden..	.15	1.00	9.00

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.

	Pkt.	Oz.	1 lb.
Germain's Long Blood. See Specialties.....	\$.05	\$0.10	\$0.75
Extra-Early Eclipse. See Specialties.....	.05	.10	1.00
Crosby's Egyptian. See Specialties.....	.05	.10	1.00
Extra Early Egyptian. Very early of dark blood-color rather flat shape.....	.05	.10	1.00
Edmund's Blood Turnip. A market-gardener's strain, of great regularity in shape, deep blood skin and very dark flesh of best quality.....	.05	.10	1.00
Bassano. Early, flat, light color, fine quality.....	.05	.10	1.00
Bastian's Early Red. Early, large, fine turnip form and bright red color, zoned with lighter rings. Profitable for market, or home garden. An old favorite.....	.05	.10	1.00
Swiss Chard, or Silver. This variety is cultivated for its leaf-stalks, which are served up much like asparagus, and for its leaves, cooked like spinach. Cut often, as new stalks will be produced.....	.05	.10	.75

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 milch cows or fat stock. Select a deep, rich loam and manure well. Sow any time from the middle of November until April, in drills 2½ to 3 feet apart, and thin to 12 inches in the row. The long varieties prefer a light, sandy loam. The round varieties are best for planting on stiff soil. Sow 8 pounds to the acre.

	1 lb.	10 lb.	100 lb.
Germain's Champion Yellow Globe. Its shape and yield makes it one of the best varieties that can be grown; easily harvested	\$.25	\$2.00	\$15.00
Giant Half Sugar Rose Mangel. A distinct type of beet, producing roots of enormous size of the highest feeding value. It is a cross between a mangel and sugar beet; olive shaped. Stands three-fourths out of the ground and is easily harvested; has yielded over fifty tons per acre. The flesh is white, solid and very sweet and gives a rich, pleasant flavor to dairy products when fed to milch cows. This is the heaviest cropping beet known and the most profitable to grow, all points considered, that we ever tried.....	.30	2.50	16.00
Golden Tankard. Rich yellow color, sweet flavor, and yields heavy crops of fine-shaped roots. One of the best milk-producing sorts.....	.25	2.00	15.00
Improved Mammoth Long Red. Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed; color deep red; roots solid; tops small; produce an immense bulk and tonnage.....	.25	2.00	15.00



**BRUSSELS SPROUTS
HALF DWARF PARIS**



EARLY WINNIGSTADT CABBAGE



ALLHEAD EARLY CABBAGE]

BEETS (Continued) SUGAR, FOR STOCK FEEDING

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

	PRICES		
	1 lb.	10 lb.	100 lb.
Lane's Improved Imperial. It is probably more largely grown than any other sugar beet for feeding to stock. It will yield as much as mangel and contains a large per cent of sugar.....	\$.25	\$2.00	\$16.00
Vilmorin's Improved White. A much improved variety of the White Silesian, extensively cultivated as a sugar-producing beet; very valuable.....	.25	2.00	16.00
Klein Wanzlebener. 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.....	.25	2.00	16.00

BROCCOLI

	Brocoli	Spargelkohl	Broccoli			
				Pkt.	Oz.	1 lb.
Purple Cape. Produces fine heads of purplish-brown color.....				\$0.05	\$0.30	\$3.00
White Cape. Heads medium size, compact; of a creamy white color.....				.05	.30	3.00

BRUSSELS SPROUTS

	Berza de Bruselas	Rosenkohl	Chou de Bruxelles			
Culture for Brussels Sprouts same as for Cauliflower.						
Half Dwarf Paris Market. A half-dwarf sort, bearing handsome crops of round, hard sprouts of the finest quality.....				.05	.15	1.50

CABBAGE

	Repollo	Kopfkohl	Chou Pomme
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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

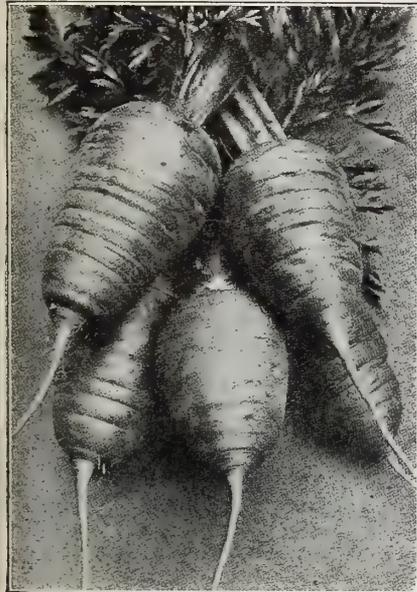
	Pkt.	Oz.	1 lb.
Early Winnigstadt. See Specialties.....	\$0.05	\$0.20	\$1.75
Selected Early Jersey Wakefield. A favorite sort. Heads very compact, solid and conical shape, few outside leaves.....	.05	.15	1.50
Early York. An old favorite, with solid, pointed heads, Standard English Sort.....	.05	.15	1.50

FLAT OR ROUND HEAD VARIETIES

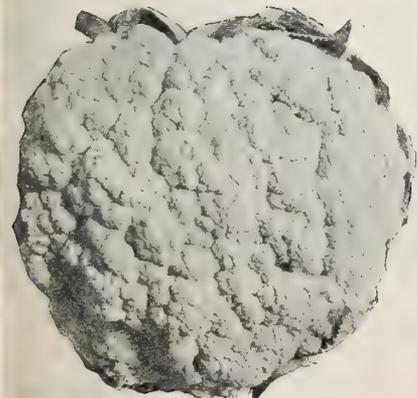
Allhead Early. This is the earliest cabbage of all the large early sorts, and cannot be recommended too highly. It is larger than any other variety of its class and grows remarkably uniform.....	.05	.15	1.50
Eureka. A flat-headed cabbage maturing as early as Jersey Wakefield. The heads are solid and of fine texture.....	.10	.40	4.00
Fottlers 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.....	.05	.15	1.50
Selected All-Seasons. One of the finest for second-early or late, growing to a large size quickly.....	.05	.15	1.50
Improved Early Summer. A superior second-early sort, produces large and solid heads of fine quality.....	.05	.15	1.50
Henderson's Succession. An excellent second-early sort on style of All-Seasons.....	.05	.15	1.50
Danish Ball Head, or Holland. See Specialties.....	.05	.15	2.00
Marblehead Mammoth Drumhead. The largest Cabbage grown. It is no uncommon occurrence to find a head weighing from 50 to 60 pounds.....	.05	.15	1.50
Sure Head. One of the best main crop Cabbages.....	.05	.15	1.50



DANISH BALL HEAD CABBAGE



EARLY SCARLET HORN CARROT



SNOWBALL CAULIFLOWER

CABBAGE—Continued.

	PRICES		
	Pkt.	Oz.	1 lb.
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.....	\$.05	\$.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.

	Pkt.	Oz.	1 lb.
Oxheart, or Guerande. See Specialties.....	\$.05	\$.10	\$.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 main field 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	.50

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.....	\$.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 Algiers. A splendid late variety, eminently adapted for growing in Southern California; heads large, white, solid. One of the best for market gardeners. Our stock is extra fancy. 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.			



WHITE PLUME CELERY

CELERY

	Apio	Sellerie	Celeri	PRICES		
				Pkt.	Oz.	1 lb.
Sow seed in frame or open ground. Transplant 4 inches apart, when 3 inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows 5 or 6 feet apart, either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 8 to 12 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the center shoots. One ounce of seed will produce 5,000 plants.						
Golden Self Blanching, French Stock.	See Specialties.....			\$25	\$75	\$7.50
Golden Self Blanching, California Stock.	Similar to the foregoing, seed raised in California from selected plants.....			.05	.25	2.50
White Plume.	We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.....			.05	.25	2.00
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.....			.05	.10	1.50
Boston Market.	One of the best of the white varieties; early and hardy.....			.05	.15	1.50
Giant Pascal.	Stalks very large, thick, solid, crisp and of a rich, nutty flavor; blanches easily and quickly.....			.05	.20	2.00
Chinese Green Top.	The best "Green Top" variety grown, largely grown by Chinese gardeners.....			.05	.30	3.00
Celeriac, Large Smooth Prague.	Forms turnip-shaped bulbs having celery-like flavor.....			.05	.20	2.00
Soup Celery.	For Flavoring.....					.30

CHERVIL

	Perifollo	Kerbel	Cerfeuil			
Curled.	Used for flavoring soups and stews; also for salads and garnishing.....			.05	.10	1.00

CHICORY

	Achicoria	Cichorie	Chicoree			
Much used as a salad by the French. Sow in spring in good soil, in drills 18 inches apart; after culture same as for carrots.						
Common, or Wild.	Used in Barbe de Capucin, a salad much used in France.....			.05	.15	1.00
Large-rooted Magdeburg.	The prepared roots are used as a substitute for and to mix with coffee. Cultivate same as Carrots..			.05	.10	1.00
Large-leaved French.	A splendid variety for salads.....			.05	.10	1.00
Witloof.	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....			.05	.15	1.00

CORN

SWEET OR SUGAR

Mais Mais Mais

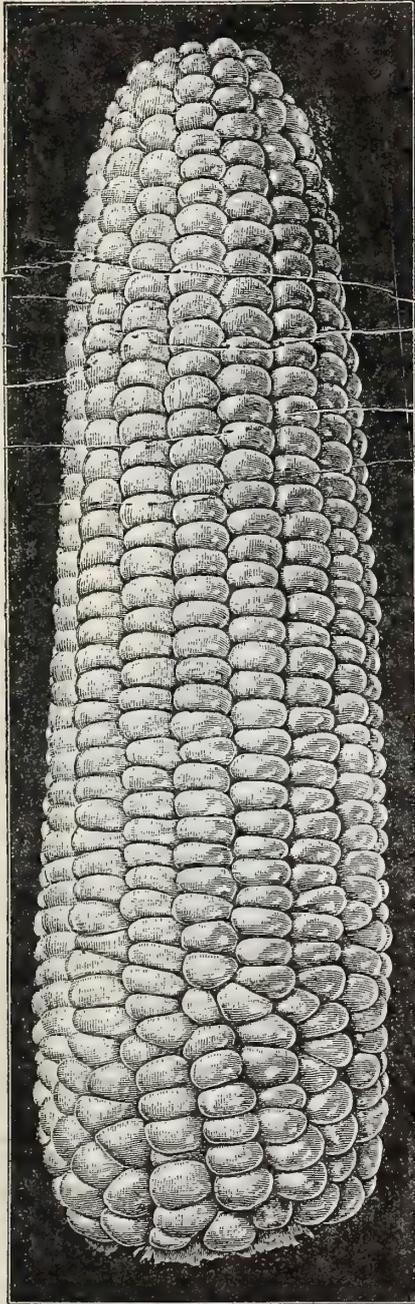
If ordered by mail, add 10 cts. per pound for postage.
Plant the smaller varieties in drills 3 feet and 10 inches apart in the rows; or in hills 3 feet apart each way and 3 or 4 grains in a hill. The taller varieties on rich soil should be given a space of 4½ feet between the drills and 1 foot between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

	PRICES		
	1 lb.	10 lb.	100 lb.
Aztec.	See page 2 of cover.....		
Golden Bantam.	See page 2 of cover.....		
Oregon Evergreen.	See Specialties.....		
Adams Extra-Early.	One of the earliest varieties; small cob and quite dwarf in growth.....		
Black Mexican.	The sweetest, richest and tenderest of all sweet corn.....		
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.....		
Crosby's Early Sweet.	Second-early, sweet and productive....		
	.20	1.25	10.00
	.15	1.00	8.00

CORN, SWEET—Continued.

PRICES
1 lb. 10 lb. 100 lb.

Early Evergreen. Is fit for use long before Stowell's comes into the market. The ears are large, of the best quality, excelling even the flavor of the Evergreen varieties.....	.20	\$1.50	\$12.00
Early Mammoth. This variety produces the largest ears of any variety of early sweet corn.....	.15	1.00	8.00
Early Minnesota Sweet. One of the earliest, with ears of suitable size for market purposes.....	.15	1.00	8.00
Extra Early Cory. One of the earliest varieties.....	.15	1.00	8.00
Late Mammoth. Produces larger ears than any other sweet corn, yet is rich and sweet. Productive and popular; a little later than Evergreen.....	.15	1.00	8.00
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.....	.20	1.25	10.00
Potter's Excelsior, or Squantum. A fine second-early variety, having large, 12-rowed ears.....	.15	1.25	10.00
Premo 60-Day. This is a very fine, very early sugar corn; hardy and can be planted fully as early as the Early Adams. The stalks grow about five feet high, and mostly bear two well-developed ears to the stalk. It is of extra fine quality, very sweet and delicious.....	.20	1.50	12.00
Stowell's Evergreen. The standard sort for main crops everywhere. Ears large, deep-grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use.....	.15	1.00	8.00



EARLY MAMMOTH CORN

CORN—Field

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

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.....	.05	.40	3.50
Minnesota King. For years this corn has been exceedingly popular in the Northwest. The cob is small, but is covered to the top with large grains of a beautiful yellow color.....	.05	.40	3.50
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.....	.05	.40	3.50
Golden Beauty. The ears are remarkable in size, and filled out completely to the extreme end of the cob. The cob is smallest, in comparison with the size of the ear, of any variety in cultivation.....	.05	.40	3.50
Leaming. One of the best medium early varieties in the market. The ears are large and handsome, with deep, large grain; orange yellow color, and small red cob; very productive; shells very easily.....	.05	.40	3.50
Pride of the North. One of the best sorts. Ears have from 14 to 16 rows, color light orange.....	.05	.40	3.50
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.....	.05	.40	3.50
Champion White Pearl. This stock is short and thick. The ear grows low on the stock, from 7 to 12 inches in length, almost parallel throughout, of medium size, averaging 16 rows of grain.....	.05	.40	3.50
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.....	.15	1.00	8.00

CORN—Ensilage

Sow 1½ to 1¾ 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.....	3.50
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Write for prices on California-grown Corn.

CORN (Continued) POP

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

	PRICES		
	1 lb.	10 lb.	100 lb.
White Pearl. A standard market variety. One of the best....	\$.10	\$.75	\$5.50
White Rice. A popular and productive variety. The kernels are fine, white and pointed, and the ears from 4 to 5 inches in length and from 1 to 1 1/4 in diameter.....	.10	.75	5.50

CUCUMBERS

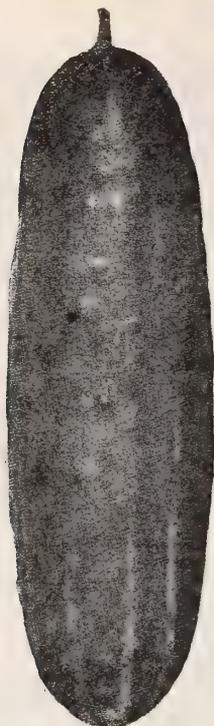
Pepino Gurke Concombre
 One ounce will plant 50 hills; two pounds will plant one acre. For early use, plant, if the weather has become settled and warm, in hills 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a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

	Pkt.	Oz.	1 lb.
Improved Arlington White Spine. See Specialties.....	\$0.05	\$0.15	\$1.25
Klondike. See Specialties.....	.05	.15	1.50
Nichol's Medium Green. One of the best general-purpose cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color, very crisp; for slicing there is none better.....	.05	.10	1.00
Long Green. Long and crisp; a well-known and popular variety..	.05	.10	1.25
Early White Spine. One of the best sorts for table use. Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor.....	.05	.10	1.25
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.....	.05	.10	1.25
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, 2 1/2 inches in diameter, with full rounded ends, and are of excellent quality for slicing.....	.05	.10	1.25
Extra Long White Spine. A selected strain of the White Spine. Is very uniform in size and exceedingly early, at the same time makes long growth—10 to 12 inches. The variety for forcing and early market.....	.05	.15	1.25
Goliath. A large growing variety of good quality, crisp and fine for slicing.....	.05	.10	1.00
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 slow to form.....	.05	.10	1.00
Early Russian. One of the earliest in cultivation, resembles the Early Frame, but is smaller and shorter, being only 4 inches long.....	.05	.10	1.00
Early Frame. Popular for both table and pickling purposes. Growth vigorous, vines very productive, fruit medium size....	.05	.10	1.00
Boston Pickling, or Green Prolific. One of the best pickling varieties; dark green; also excellent for slicing.....	.05	.10	1.00
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.....	.05	.10	1.00
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....	.05	.10	1.00
West India Gherkin. Oval-shaped; prickly; for pickling only..	.05	.20	2.00

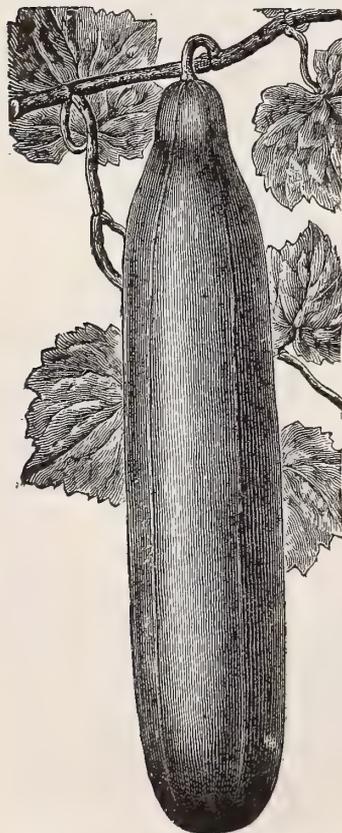
ENGLISH FORCING, OR FRAME VARIETIES

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

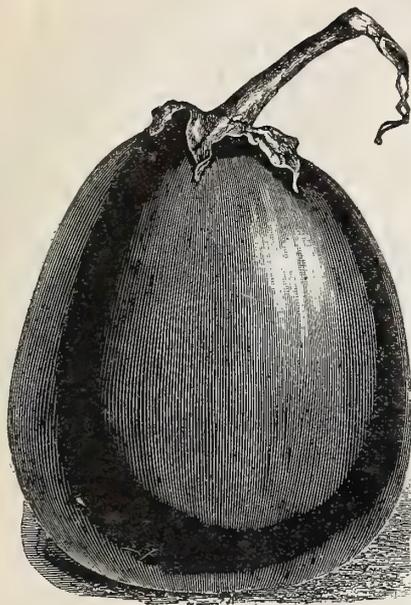


WHITE SPINE CUCUMBER

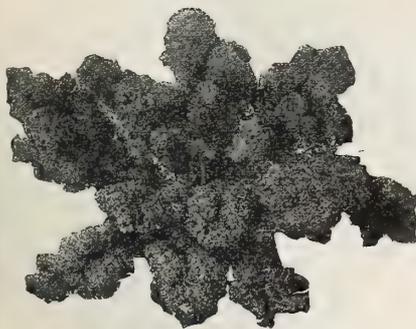


IMPROVED TELEGRAPA CUCUMBER

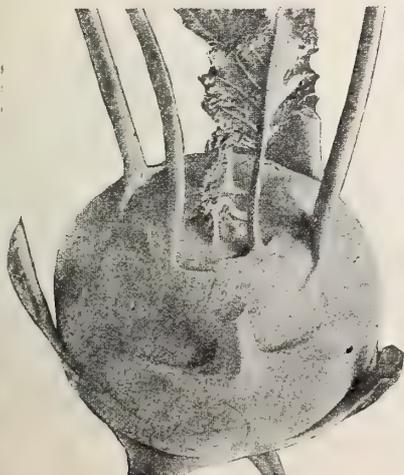
VEGETABLE *Germain's* SEEDS



EGG PLANT BLACK BEAUTY



DWARF CURLED KALE



WHITE KOHL RABI

DANDELION

Amargon Kuhblume Pissenlit
 This vegetable has become very popular, as an early healthful green and the roots are used, when dried, as a substitute for coffee.
Common Variety..... \$.05 \$.20
Improved. Large-leaved..... .10 .50

PRICES
 Pkt. Oz.

EGG PLANT

Berengena Eierpflanze Aubergine
 Sow seed in frames if possible. When 3 inches high transplant into small pots, so that the plants may become stocky and be readily planted out from the pots. When the season becomes sufficiently warm, transplant into thoroughly worked and well-enriched soil about 3 feet apart each way. Draw the earth up to the stems when about a foot high. Eggplant seed will not vegetate freely without substantial heat, and if the plants get the least chilled in the earlier stages of their growth they seldom recover. Repeated sowings are sometimes necessary. One ounce of seed will produce 2000 plants.

	Pkt.	Oz.	1 lb.
Black Beauty. See Specialties.....	\$.10	\$.50	\$4.00
New Jersey Improved Large Purple. See Specialties.....	.10	.35	3.50
New York Improved Spineless Large Purple. The leading variety, known by market-men everywhere; fruit large, smooth, deep purple; flesh white, of good quality. The stock we offer is fine New Jersey grown.....	.10	.35	3.50
Early Long Purple. An earlier, hardier variety, with club-shaped, dark purple fruit 6 to 8 inches long, a shape preferred by some for slicing; flesh firm.....	.05	.35	2.50

ENDIVE

Escarola o Endivia Endivein Chicoree
 This vegetable is highly esteemed as a salad. When the plants are 3 or 4 inches high, transplant 1 foot apart each way, and keep free from weeds, until leaves are 6 or 8 inches long; then blanch the leaves by gathering them carefully together when perfectly dry and tying them at the tips in a conical form with Raffia to exclude light and air. From three to six weeks is required to thoroughly blanch. One ounce of seed will sow a bed of about 80 square feet, or 150 feet of row.
Broad-leaved Batavian. Leaves broad, nearly plain, light green; best for soups..... .05 .15 1.25
French Moss Curled Green. Moss-like appearance, beautifully curled..... .05 .15 1.25
Green Curled Winter. Standard sort for fall and winter crop.... .05 .15 1.50

GARLIC

Ajo Knoblauch Ail
Garlic Sets. 100 lbs., market price..... .15

KALE, OR BORECOLE

Col Blatterkohl Chou Vert
 Sow the seeds in beds, covering lightly. Transplant into rich mellow ground, and cultivate the same as cabbage. They are rendered very tender and delicious by moderate touches of frost. One ounce of seed will produce about 2000 plants.
Dwarf Curled, or German Greens. Very hardy, excellent for spring use..... .05 .10 1.00
Green Curled Scotch. The kind most commonly used; grows to a height of 18 inches, and with good cultivation spreads to 3 feet in diameter; leaves bright green and curled..... .05 .10 1.00
Jersey, or Tree Kale. Of vigorous growth, grown for chickens and stock only..... .05 .10 1.00
Thousand-headed Kale. Fine for stock and chickens..... .05 .10 1.00

KOHLRABI

Colinabo Kohlrabi Chou-rave
 Sow in rows 2 feet apart; thin the plants to 1 foot apart. One ounce of seed will produce about 2000 plants.
Early White Vienna. Flesh white and tender; very productive.. .05 .15 1.50
Early Purple Vienna. Very hardy; flesh bluish purple..... .05 .15 1.50

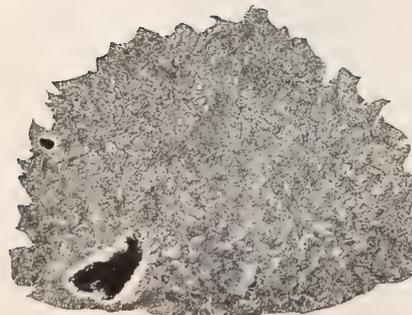
VEGETABLE *Germain's* SEEDS



CALIFORNIA CREAM BUTTER LETTUCE



PARIS WHITE COS. LETTUCE



EARLY CURLED SIMPSON LETTUCE

LEEK

	Puerro	Lauch	Porieau	PRICES		
				Pkt.	Oz.	1 lb.
Sow in drills 1 foot apart and $\frac{1}{2}$ inch deep, in light, rich soil, liberally manured; thin the plants to 10 inches. One ounce of seed will sow about 100 feet of drill.						
London Flag. A large and strong plant; hardy.....				\$.05	\$.15	\$1.50
Large Musselburg. A standard Scotch variety.....				.05	.15	1.50
Monstrous Carentan. A superior variety, with distinct, dark-colored leaves.....				.05	.15	1.50

LETTUCE

Lechuga Salat Laitue

To obtain the best results from lettuce they should be grown rapidly, therefore the soil should be made as rich and friable as possible by frequent cultivation and a liberal application of stable manure. Sow either in beds and then transplant when 2 inches high, or sow in drills and thin to 1 foot apart for heading varieties, and let the rows be 18 inches apart. Hoe often to prevent going to seed. One ounce of seed will produce about 3000 plants.

CABBAGE OR HEADING VARIETIES

New York. See Specialties.....	\$0.05	\$0.15	\$1.25
California Cream Butter. See Specialties.....	.05	.10	.80
Improved Hanson. See Specialties.....	.05	.15	1.25
Iceberg. A beautiful lettuce, worthy of universal cultivation; leaves curly, bright green; heads unusually solid.....	.05	.15	1.25
May King. Extra large, round solid heads, light green outside, with clear yellow heart; splendid forcer.....	.05	.10	1.00
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.....	.05	.10	1.00
Deacon. Has few outside leaves, grows very solid, and of a delicious buttery flavor. The center of heads blanch to a bright yellow shade; is very crisp and tender and one of the finest heading summer varieties.....	.05	.10	1.00
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.....	.05	.10	1.00
Wonderful. A splendid variety for market or home use and the best sort adapted for fall sowing. A strong grower, making fine heads.....	.05	.15	1.25
White Summer Cabbage. Compact globular head, medium size; of decided butter flavor and sweet.....	.05	.10	1.00
Denver Market. A Cabbage heading variety medium large, slow to run to seed.....	.05	.10	1.00
Drumhead. Quality excellent; of buttery flavor, medium large, slow to seed, good substance.....	.05	.10	1.00
Black Seeded Butter. Medium size of splendid quality; head firm and globular, sweet and buttery.....	.05	.10	1.00
Boston Market. A small globular head of good quality, sweet and buttery in flavor, very early.....	.05	.10	1.00
Black Seeded Tennisball. A splendid and delicately flavored variety of butter type, firm, round heads.....	.05	.10	1.00
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.....	.05	.15	1.25

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 Almizeleno Cantalupen Muscade

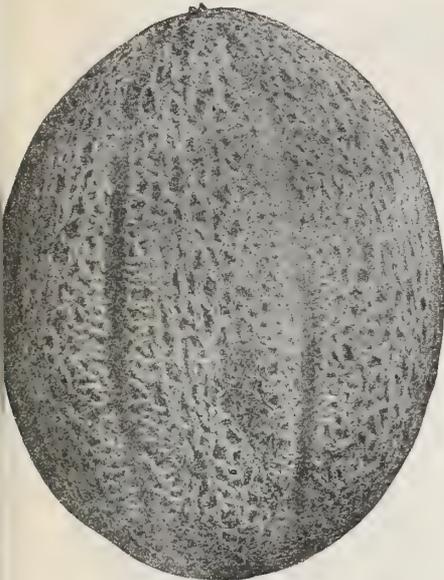
Select light, warm soil, plant in hills 6 feet apart each way, six or eight seeds to the hill; thin out to three or four plants when in a forward state. The hills should be prepared by digging out the soil 1½ feet deep, thoroughly mixing in each hill a couple of shovelfuls of well-decomposed stable manure,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

GREEN FLESHED VARIETIES

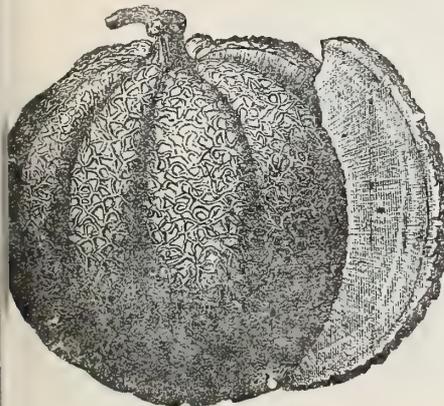
	PRICES		
	Pkt.	Oz.	1 lb.
Rocky Ford. The melons are regular and even in size, weighing about 1½ pounds, slightly oval in shape, finely netted; flesh is light green in color and of delicious flavor. The seed we offer was saved by one of the best melon growers in the country and is strictly first-class.	\$.05	\$.10	\$1.00
Burrell's Thoroughbred Rockyford Cantaloupe. See specialties. ....	.05	.15	1.50
Eden Gem Cantaloupe. This is one of the finest melons to grow, either for market or home use. It is immensely prolific, 20 to 30 perfect melons to a vine being common. The skin is heavily netted, flesh light green and of excellent quality. ....	.05	.15	1.75
Improved Watter's Solid Net. 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. ....	.10	.20	2.00
Jenny Lind. Small, round-flat fruits, deeply ribbed; flesh yellowish-green and of unsurpassed flavor very productive. ....	.05	.15	1.25
Long Island Beauty. Fruits of large size, well flattened, heavily ribbed and netted; of very handsome appearance and fine quality. This variety ripens as early and is similar to the Hackensack, but is superior. ....	.05	.15	1.25
Extra-Early Hackensack. 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	.05	.15	1.25
Large Hackensack. Large fruit covered with coarse netting; thick green flesh, sweet and fine flavored. ....	.05	.15	1.25
Montreal Market. A very large, green nutmeg type, almost round, heavily netted; thick, luscious flesh, late and especially adapted to cool climates. ....	.05	.15	1.25
Champion Market. This is a most prolific variety, flesh green and deep. Fine flavor. Fruit nearly round, ribbed and heavily netted. ....	.05	.15	1.25
Chicago Market. Large green fleshed nutmeg good quality; ends flattened, rind heavily netted; flesh thick and sweet. ....	.05	.15	1.25
Green Flesh Osage. Osage quality, light green flesh. ....	.05	.10	1.25
Prolific Nutmeg. Thick green flesh, fine flavor. ....	.05	.10	1.25
The Model. Early and very prolific; flesh green in color, thick and fine flavor; oblong in shape, ribbed and finely netted. Splendid market variety. ....	.05	.15	1.50
Large Yellow Cantaloupe. Large oblong shaped fruit, coarsely netted, ribbed slightly; flesh yellowish green, sweet and delicious	.05	.10	1.25
Pineapple Cantaloupe. Medium size, early, flesh green and rich flavor. ....	.05	.10	1.25
Early Green Citron. One of the earliest of Cantaloupes, large and of fine flavor; good for market or home garden. flesh light green	.05	.10	1.25

SALMON FLESHED VARIETIES

Burrell's Gem. 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. ....	.10	.20	2.00
Hoodoo. This is a new variety of muskmelon, 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. .	.10	.25	2.50
Nutmeg Tip Top. An improved strain; very sweet. ....	.05	.15	1.50
Paul Rose. Handsome; oval, new variety; rich orange, flesh very sweet. ....	.05	.15	1.25
Emerald Gem. A small, very early melon; form globular, flesh salmon-colored, exceptionally fine flavor. ....	.05	.15	1.50



EDEN GEM CANTALOUPE

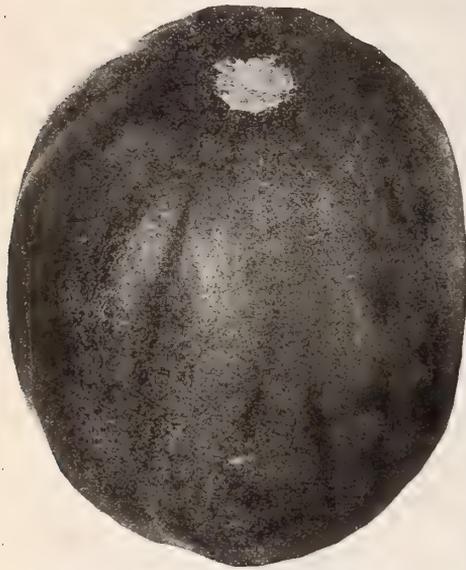


LARGE HACKENSACK



MONTREAL MARKET

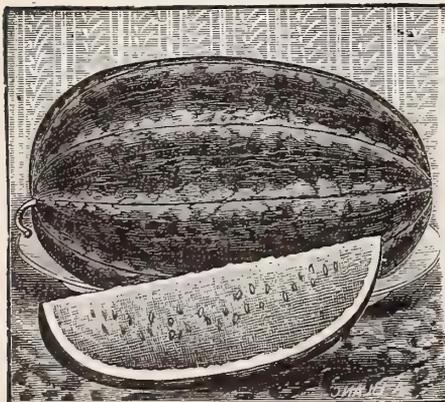
VEGETABLE *Germain's* SEEDS



CASAD'S SPECIAL CASSABS



WINTER PINEAPPLE CASSABS



WATERMELON CUBAN QUEEN

MUSK MELONS (Continued)

Miller's Cream, or Osage. 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.

PRICES		
Pkt.	Oz.	1 lb.
\$.05	\$.15	\$ 1.25
.05	.10	1.25

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, of unique appearance, 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.

.05	.10	1.00
.10	.25	3.00
.10	.20	2.00
.10	.25	2.50
.05	.15	1.25
.10	.20	2.50
.10	.25	3.00
.10	.25	3.00

IMPORTED VARIETIES FOR FORCING

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

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

.25
.25

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.

10	.20	2.00
.10	.20	2.00

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 it 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.

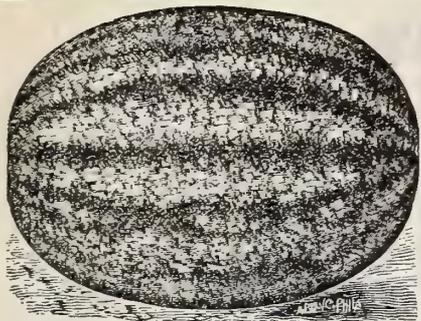
Fordhook Early. This is the earliest large-fruited melon in cultivation, weighing 30 to 40 pounds each; has deep green skin and is an excellent shipper; the flesh is light red, crisp, sweet and of splendid quality.

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

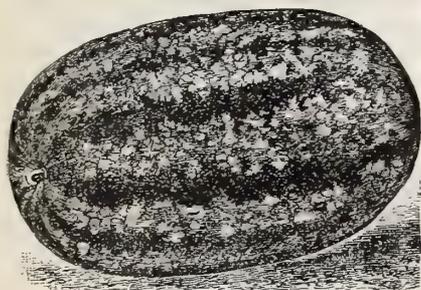
Pkt.	Oz.	1 lb.
\$.05	\$.10	\$ 1.00
.05	.15	1.00
.05	.10	.75
.05	.10	.75
.05	.10	.75
.05	.10	.75
.05	.10	.75

WATERMELONS (Continued)

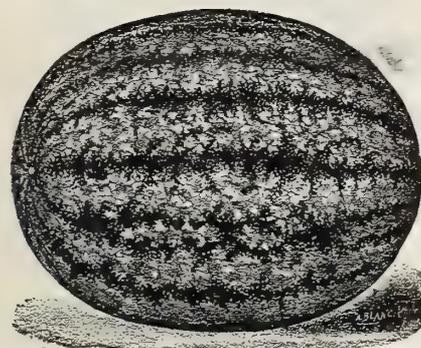
PRICES
Pkt. Oz. 1 lb.



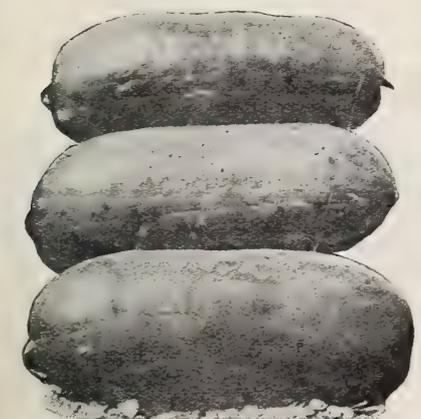
COLES' EARLY



IRONCLAD WATERMELON



KOLB'S EARLY

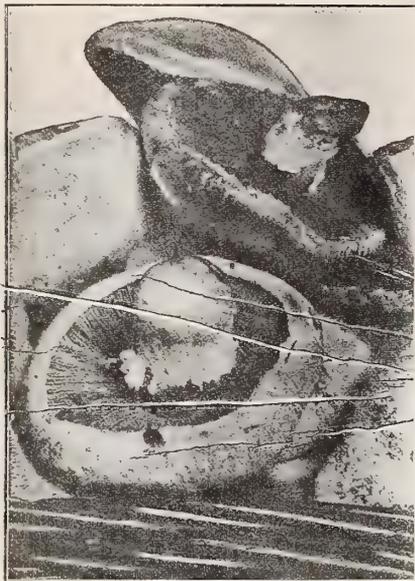


KLECKLEY SWEET

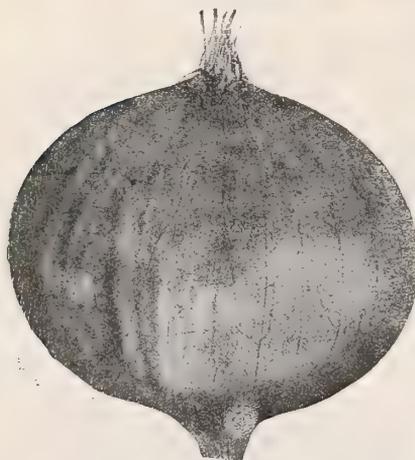
Kleckley's Sweet. This new melon is one of the very best for the home market or for family use. The melons are large, 18 to 20 inches long and 10 to 12 inches in diameter, dark green; rind thin, flesh scarlet and very sweet.....	\$.05	\$.10	\$ 1.00
Georgia Rattlesnake, or Gypsy. Standard southern variety, which possesses remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy.....	.05	.10	.75
Duke Jones. Large, nearly round, dark green melon; a fine shipper; flesh bright red, sweet and juicy.....	.05	.10	.75
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.....	.05	.10	.75
Brown Seeded Chilian. Equal in all respects to the White Seeded variety.....	.05	.10	1.00
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.....	.05	.10	1.25
Ironclad Mammoth. Grows to a very large size, striped like Gypsy, of great substance.....	.05	.10	.50
Mountain Sweet. Thick dark rind, fine flavor, grows to a large size.....	.05	.10	.50
Dixie. Combines the splendid qualities of Kolbs Gem and Mountain Sweet. Color dark green with lighter stripes, rind thin, flesh rich scarlet and splendid flavor.....	.05	.10	.50
Black Spanish. Round, dark green thin rind, flavor rich and sugary.....	.05	.10	.50
Kentucky Wonder. Oblong, dark green marbled stripes, flesh beautiful scarlet, rich and crisp. Will average 30 to 40 lbs. in weight.....	.05	.10	.75
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.....	.05	.10	.50
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.....	.05	.10	.50
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.....	.05	.10	.75
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.....	.05	.10	.50
Light Icing. Flesh solid of good flavor, splendid quality, rind thin.....	.05	.10	.50
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.....	.05	.10	1.50
McIver's Wonder Sugar. One of the sweetest melons grown, medium size, striped, flesh red, stringless and excellent quality....	.05	.10	.75
Peerless. Medium size, rind thin, flesh bright scarlet and a flavor of honey sweetness.....	.05	.10	.50
Phinneys Early. Very early of medium size, stripes light and dark mottled, flesh pink, sweet and delicious.....	.05	.10	.50
Triumph. A cross between Kolb's Gem and Duke Jones but much finer than either, a good shipping melon of fine flavor....	.05	.10	.50
Red Seeded Citron. A round fruit of small size, used in making preserves.....	.05	.10	.60
Colorado Preserving Citron. Excellent for making preserves...	.05	.10	.60

STOCK MELON

Melon Pumpkin. Good for feeding cattle, or for pies; flesh very firm and solid, with small proportion of seeds.	.05	.10	.30
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MUSHROOMS



YELLOW GLOBE.



AILSA CRAIG

MUSHROOM SPAWN

Seta Schwamm Champignon

PRICES

Pkt. Oz. 1 lb.

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.

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.

White London. Best for salads or medicinal purposes.

Brown or Black. More pungent than white.

White, Chinese. Bak Toi.

Green, Chinese. Gui Toi.

	\$.05	\$.10	\$ 1.00
	.05	.10	.75
	.05	.10	.40
	.05	.10	.40
	.10	.25	3.00
	.10	.25	3.00

NASTURTIUM

Capuchina 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.

Dwarf Nasturtium.

	.05	.15
	.05	.15

OKRA

Quimbomo Ocher Gombo

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

Perkins' Mammoth. Plant dwarf; very productive. Produces beautiful, long, slender deep green pods, which remain tender a long time. An extra choice variety.

Early Dwarf. Productive; pods white, round, smooth.

Long Green. Later and more productive; ribbed pods.

White Velvet. Pods round, smooth, free from seams; exceedingly tender, well flavored and very prolific.

	.05	.10	.80
	.05	.10	.60
	.05	.10	.60
	.05	.10	.60

ONIONS

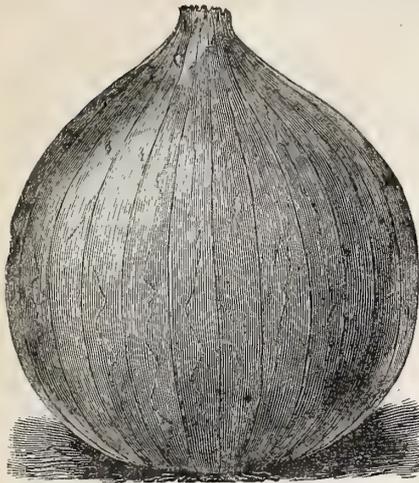
Cebolla Swiebel Ognon

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

	Pkt.	Oz.	1 lb.
Ailsa Craig. See Specialties.	\$.10	\$.35	\$ 3.50
Early Barletta or Adriatic Barletta. See Specialties.	.05	.25	2.25
Bermuda, White. See Specialties.	.05	.25	2.77
Germain's Yellow Flat Danvers. See Specialties.	.05	.20	1.55

ONIONS (Continued)

PRICES
Pkt. Oz. 1 lb.



GIANT ROCCA ONION



WHITE GLOBE ONION



SILVER KING ONION

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. (Teneriffe-grown seed.)	.05	\$.25	\$2.75
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.	.05	25	2.50
Australian Ex-Early Yellow Globe. The earliest of the Globe Onions and an extra long keeper. The onions weigh four to six ounces each. Skin thin, and are mild and of splendid flavor; small top equal to the Australian brown in every way excepting the onions average slightly smaller in size.	.05	.25	2.50
New Queen. Very early, flat, beautifully white and of the finest flavor; grows to a fair size in California, and is one of our best market varieties, its principal recommendation being its rapidity of growth and its long-keeping qualities. Also an excellent variety for pulling green or pickling.	.05	.25	2.25
White Portugal, or Silver Skin. This variety is one of the leading white sorts, and is of beautiful shape and very mild flavor. The bulbs are flat and mature early. It is a splendid variety for both family use and market-garden. It grows to a fair size, bulbs averaging 2 to 3 inches in diameter.	.05	\$.30	3.00
Giant White Italian Tripoli. (El Paso, or large Mexican.) Bulbs of large size and beautiful form, with white skin. Under good cultivation large onions can be raised in a single season from seed, weighing from one to one and one-half pounds, but will attain much larger size if planted in beds in December or January and then transplanted. In this way an early crop is assured.	.05	.25	2.25
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.	.05	.20	1.75
Crystal White Wax. A very early onion of the Bermuda type; pure white in color and of mild flavor, especially adapted for fall planting for the early markets.	.10	.40	4.00
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.	.05	.15	1.75
Large Red Wethersfield. Grows very large, keeps well and is of fine flavor.	.05	.20	2.25
Prize-Taker. The largest of the yellow onions, globular in shape, of a pale straw-color. Produces enormous crops; bulbs frequently weigh as high as three pounds each.	.05	.20	2.00
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.	.05	.15	1.50
Southport Red Globe. Grows to a good size, rich red color with small neck. A fine keeper.	.05	.15	1.50
Southport White Globe. A great yielder, fine grained and firm, flavor mild.	.05	.15	1.50
White Spanish or Reading. A large flat shaped onion of very mild flavor.	.05	.20	1.75
Ohio Yellow Globe. Bulbs very uniform, skin bright yellow or orange, flesh fine grained and hard. A good keeper.	.05	.15	1.50
Mammoth Silver King. A very large growing white onion, uniform in shape.	.05	.25	2.25
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

Chicharos o Guisantes Erbsen Pois

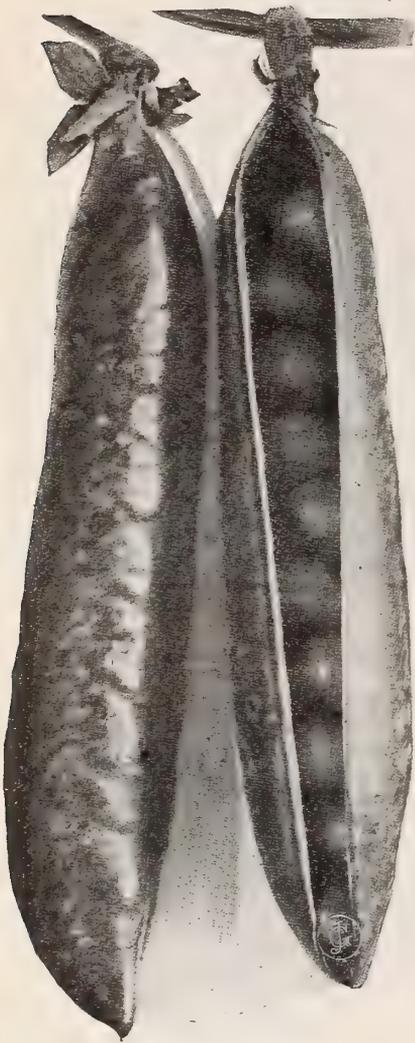
If ordered by mail, add 10 cts. per pound for postage.

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

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

VEGETABLE *Germain's* SEEDS

PEAS (Continued) FIRST EARLY VARIETIES



TELEPHONE PEAS



AMERICAN WONDER

		PRICE		
	Hght.	1 lb.	10 lb.	100 lb.
American Wonder. See Specialties.....	1 ft.	\$.20	\$1.75	\$15.00
McLean's Little Gem. Green, wrinkled, early marrow, delicious flavor.....	1 ft.	.20	1.75	15.00
Premium Gem. Splendid wrinkled variety, very early, fine flavor.....	1½ ft.	.20	1.75	15.00
Gradus. See Specialties.....	2½ ft.	.25	2.00	17.50
Alaska. Very early and hardy, good yielder. Ripens early and one or two pickings will clean up the crop.....	2½ ft.	.20	1.75	15.00
First and Best. Next early to Alaska very hardy and a sure cropper, round seed.....	2½ ft.	.20	1.75	15.00

SECOND EARLY VARIETIES

Abundance. Good bearer; peas large and of excellent quality.....	1½ ft.	.20	1.75	15.00
Dwarf Sugar. Edible pods. Pods beautifully crimped, very sweet, delicious flavor; cook same as snap beans.....	3 ft.	.20	1.75	
Stratagem. A very heavy cropper, producing large, well-filled pods of excellent quality. One of the finest peas in cultivation.....	2 ft.	.20	1.75	15.00
Yorkshire Hero. See back cover and page 2.....	2½ ft.	.20	1.75	14.00
Autocrat. Large well filled pods, a fine pea for market or home garden. A good cropper.....	3 ft.	.20	1.75	15.00

LATE VARIETIES

Champion of England. See Specialties.....	4½ ft.	.20	1.75	15.00
Ever-bearing. Remarkably prolific; pods are very fine and closely filled; peas soft, juicy and of excellent flavor.....	3 ft.	.20	1.75	15.00
Telephone. Handsome, well-filled pods; peas large size, good quality.....	5 ft.	.25	2.00	17.50

PARSLEY

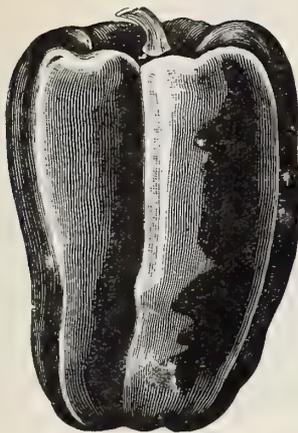
	Perijil	Petersilie	Persil
Parsley succeeds best in rich, moist soil. Sow thickly in drills 1 foot apart and ½ inch deep. When the plants are 2 inches high, thin them out to 4 inches apart. One ounce of seed will sow about 50 feet of row.			
Champion Moss-Curled. Beautifully curled finest variety for garnishing.....	.05	.10	.75
Fine Double Curled. Fine dwarf.....	.05	.10	.75
Hamburg, or Turnip-rooted. The roots are excellent for flavoring soups.....	.05	.10	1.00

PARSNIP

	Chirivia	Pastinake	Panais
Sow in drills of rich soil 1½ inches deep and 15 inches apart, and cultivate the same as carrots. One ounce of seed will sow about 50 feet of row.			
Improved Guernsey. Half-long. The roots do not grow as long as the Hollow Crown, but are larger in diameter and more easily gathered.....	.05	.10	.75
Hollow-Crowned. Best Parsnip grown either for table or stock..	.05	.10	.75
Short Round, or Turnip-rooted. For shallow soil.....	.05	.10	.75

PEPPERS

	Pimiento	Pfeffer	Pimenl
Sow early in the spring in a frame; transplant when the weather is favorable to open ground in rows 18 inches apart and 10 inches apart in the row. The ground should be highly manured before transplanting. When about 6 inches high, hoe the plants and earth up slightly.			
Early Neapolitan Pepper. See Specialties.....	\$1.10	\$.40	\$4.00
Cayenne. Pods small, long and tapering; coral red when ripe, very hot and strong, best kind for seasoning pickles; the Cayenne Pepper of commerce.....	.05	.25	2.25
Cherry. Small, round, smooth and productive; a good variety..	.05	.25	2.50



SWEET MOUNTAIN

PEPPERS (Continued)

	PRICE		
	Pkt.	Oz.	1 lb.
Large Sweet Mountain. Very large and excellent for mangoes..	\$.05	\$.25	\$2.50
Chinese Giant. See Specialties.....	.10	.50	6.00
Large Bell, or Bull Nose. Early, sweet and of good flavor.....	.05	.25	2.50
Chili, Small, or Bird's Eye. Pods pendent, shapely, conical, about 1 1/2 inches in length very piquant; excellent for pickles.....	.05	.25	2.50
Mexican Chili. Beautiful and productive; 3 to 4 inches in length, pungent.....	.05	.10	1.00
Golden Dawn. Resembles the well known Bell in shape but the fruit is of a beautiful golden yellow.....	.05	.25	2.50
Chili Piquin. Fruit small and round, fiery hot, fine for seasoning or pepper sauce.....	.05	.25	2.50
Monstrosity. A very large growing variety of fine quality and the best for making mangoes.....	.10	.40	4.00
Ruby King. A large growing sweet pepper of the Neapolitan type strong grower and prolific.....	.05	.25	3.00
Anaheim Chili. The well known variety of hot pepper used so much in local Spanish cooking.....	.05	.25	2.50
Red Cluster. As the name implies the fruit grows in clusters. It is very prolific and of dwarf habit.....	.10	.25	2.50

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

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

Calabasa Kurbis Cource

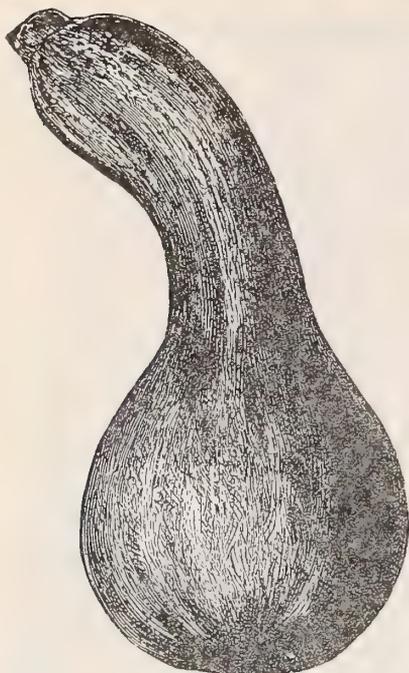
Plant in manured hills 8 feet apart, and leave three strong, healthy plants in each hill. When planted among corn take every fourth row. Keep as far from melons and cucumbers as possible, as they are apt to mix. One pound of seed will plant about 400 hills.



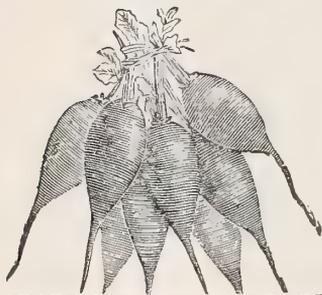
LARGE CHEESE PUMPKIN

	Pkt.	Oz.	1 lb.
Large Yellow Mammoth Potiron. See Specialties.....	\$.05	\$.10	\$1.50
Cushaw (Crook-necked.) Solid flesh, fine and sweet; keeps well	.05	.10	.75
Cheese. Size large; skin reddish orange; flesh thick, fine and sweet; keeps well.....	.05	.10	.50
Connecticut Field. The true eastern kind for stock; seeds much used medicinally.....	.05	.10	.35
Quaker Pie. Nearly oval; color creamy white inside and out; flesh sweet and rich; good keeper.....	.05	.10	.75

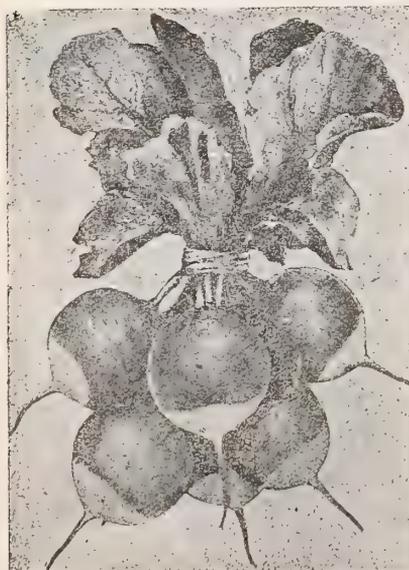
VEGETABLE *Germain's* SEEDS



JAPANESE PIE



SCARLET OLIVE SHAPED RADISH



SCARLET TURNIP, WHITE-TIPPED

PUMPKINS (Continued)

	PRICES		
	Pkt.	Oz.	1 lb.
Early Sugar. Fine-grained, sweet and prolific; small yellow.....	\$.05	\$.10	\$.75
Winter Luxury. A fine keeper and one of the best for pies.....	.05	.10	1.00
Tennessee Sweet Potato. A good variety for making pies and other cooking purposes. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper.....	.05	.10	1.00
Japanese Pie. The flesh is nearly solid; the seed cavity being very small in one end of the pumpkin, fine grained dry and sweet, having much the taste and appearance of sweet potatoes. They ripen early, keep well and are fine for home use. The seeds have peculiar marks resembling characters of the Chinese alphabet.....	.05	.10	1.00
Mammoth Tours, or Jumbo King of Mammoths. See Specialties.....	.05	.10	1.00
Small Sweet or Sugar. See Specialties.....	.05	.10	.75

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 Radies Radis

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

	Pkt.	Oz.	1 lb.
Crimson Giant Turnip. Twice as large as any of the turnip-shape varieties, but notwithstanding its large size it does not get hollow or pithy; the flesh is white, solid, crisp and of mild flavor. Excellent for forcing on open ground.....	\$.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 unequalled quality; is highly recommended for market use.....	.05	.10	.60
Scarlet Turnip. An excellent early variety; crisp and tender.....	.05	.10	.75
Scarlet Turnip, White-tipped. An early variety of excellent quality.....	.05	.10	.90
Scarlet, Olive-shaped. Oval; very early and handsome; flesh rose-colored, tender and brittle.....	.05	.10	.75
French Breakfast. A fine early variety; olive-shaped; scarlet body with white tips.....	.05	.10	.75
Early Long Scarlet Short Top. Roots long; pinkish color; flesh white and crisp.....	.05	.10	.60
White Strasburg. One of the most valuable summer radishes.....	.05	.10	.75
Long White Icicle. In form half-long, pure white and very crisp. Very quick in growth and of delicious flavor.....	.05	.10	.75
Black Spanish Winter, Long. Grows to a large size, of oblong shape; quite solid.....	.05	.10	.75
Chartier. A long, smooth radish, red above and shading to clear white at the tip.....	.05	.10	.75
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.....	.05	.10	.90
Model White Box. A very early round white radish, crisp and sweet.....	.05	.10	.75
Black Spanish Winter, Round. Similar to the long except in form.....	.05	.10	.75
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.....	.05	.10	.90
China Rose Winter. Medium size, oblong, of a bright rose color; one of the best varieties for winter use.....	.05	.10	.90
Mixed Radishes. Supply a nice assortment for the table; of all colors and sizes.....	.05	.10	.75

Horse-radish Roots. See page 27.

RHUBARB, OR PIE PLANT



WINTER CRIMSON RHUBARB

Ruibarbo Rhabarber Rhubarbe

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

PRICES

	Pkt.	Oz.	1 lb.
New Crimson Winter. See Specialties.....	\$.10	\$.60	\$7.00
Monarch, or Giant. Superior variety of large size .....	.05	.15	1.50
Rhubarb Roots. See page 27.			

ROSELLE

Hibiscus Rossella Subdorifa

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

.10 .50

SALSIFY, OR VEGETABLE OYSTER

Ostion Vegetal Haferwurzel Salsifis.

Cultivate the same as parsnips.

Long White .....	.05	.10	1.00
Sandwich Island. Of enormous size, very tender and delicious. ..	.05	.15	1.25

SORREL

Acedera Sauerampfer Oseille

Large-leaved French. Used for salads.05	.15	1.25
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SPINACH

Espinaca Spinat Epinard

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

Bloomsdale, or Savoy-leaved. The earliest of all the varieties, and one of the best for autumn planting for early spring use.

The leaf of this sort is wrinkled in the same manner as the Savoy cabbage.....

Pkt. Oz. 1 lb.
\$.05 \$.10 \$.35

Round, or Summer. For early spring planting; leaves large, thick and compact.....

.05 .10 .35

Long-standing. Remains a long time before running to seed....

.05 .10 .30

New Zealand. Abundant producer throughout the summer; transplant 3 feet apart each way.....

.05 .10 1.00

Prickly or Fall. Very hardy; used for fall planting; long, thin leaves.....

.05 .10 .30

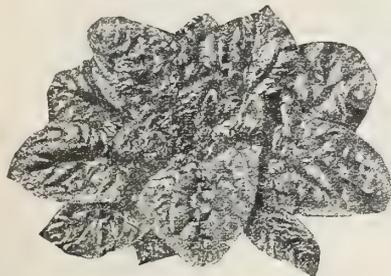
SQUASHES

Calabacera Kurbiss Courge

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

SUMMER VARIETIES

Early White Bush Scalloped. An early variety, well-flavored and productive; excellent for the market.....	\$.05	\$.10	\$.75
Mammoth White Bush Scalloped. Is much larger in size than the preceding. Flesh clear, waxy white, tender and delicate....	.05	.15	1.00
Long Island White Bush. See Specialties.....	.05	.10	1.00
Early Golden Bush Scalloped. Similar in shape to the white....	.05	.10	.75
Summer Crook-Neck. This is the richest summer Squash; very early and productive.....	.05	.10	.75
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.....	.05	.15	1.00
Long White Vegetable Marrow. See Specialties.....	.05	.15	1.25



PRICKLY SPINACH



MAMMOTH CHILI SQUASH

VEGETABLE *Germain's* SEEDS



LONG WHITE VEGETABLE MARROW



SPARK'S EARLIANA

SQUASHES (Continued) WINTER VARIETIES

	PRICES		
	Pkt.	Oz.	1 lb.
Hubbard. The best of all winter varieties; grows to a large size..	\$.05	\$.10	\$.85
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..	.05	.10	.85
Winter Crook Neck. A good fall variety; flesh close-grained and sweet.....	.05	.10	.75
Fordhook. One of the best winter sorts; fine quality.....	.05	.15	.80
Pike's Peak, or Sibley. Entirely original and distinct; considered an improvement on the Hubbard.....	.05	.10	.85
Boston Marrow. A standard fall Squash of rich orange color; very productive; keeps well.....	.05	.10	.75
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.....	.05	.10	.75
Mammoth Chili. See Specialties.....	.05	.10	1.25
Bugless. See Specialties.....	.10	.20	1.75
California Large Field. A very large Squash, often called pumpkin; grows to an immense size, frequently weighing over 100 lbs.			.25

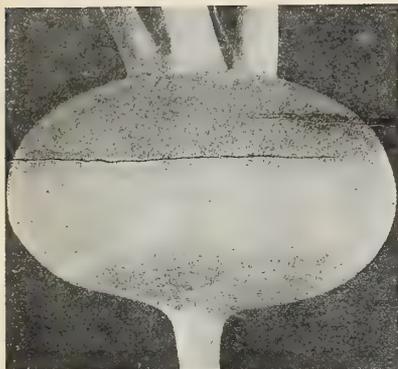
TOMATOES

Gitomate Liebesapfel 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.

	Pkt.	Oz.	1 lb.
June Pink. A smooth purple-fruited tomato, maturing very early, resembling the Earliana in shape and size, differing only in color. Large size, earliness and good quality are its chief characteristics, and we are confident it will become popular with growers for early market.....	\$0.10	\$0.35	\$3.50
Spark's Earliana. See Specialties.....	.05	.25	2.75
Chalk's Early Jewel. Nearly as early as the celebrated Earliana. Fruits are large and of fine flavor.....	.05	.25	2.75
Germain's Winter Queen. See Specialties.....	.10	.50	4.00
Beefsteak. See Specialties.....	.05	.35	3.50
New Stone. A splendid variety for shipping; bright scarlet, large, smooth and firm; excellent quality and one of the best for general use.....	.05	.25	2.50
Crimson Cushion. Of large size, often weighing one pound; nearly round, solid and smooth; color rich crimson, delicious for slicing on account of its superb quality.....	.05	.35	3.50
Ponderosa. Grows to enormous size, sometimes weighing from two to three pounds each; very smooth and solid.....	.10	.35	3.50
Trophy. A vigorous grower; fruit smooth, deep red.....	.05	.25	2.50
Dwarf Stone. Vine resembles Dwarf Champion, but of stronger growth. The fruits are same color and size as the regular Stone.	.05	.25	2.50
Atlantic Prize. (Early Ruby.) A favorite early variety. Color rich crimson.....	.05	.25	2.50
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.....	.05	.25	2.50
Beauty. Livingston's. A very fine variety of large size; grows in clusters of four or five; color glossy crimson with a purplish tinge.....	.05	.25	2.00
Dwarf Champion. An early and distinct variety, medium in size; plant of dwarf and compact growth.....	.05	.25	2.50
Strawberry, or Ground Cherry. A distinct species; grows enclosed in a husk; excellent for preserves.....	.10	.35	3.50
Livingston's Favorite. Beautiful shape, smooth and a good bearer, ripens evenly.....	.05	.20	2.00
Matchless. An old variety of splendid qualities, rich red in color and a fine keeper.....	.05	.20	2.00
Early Richmond. Of good size and fine flavor. Early.....	.05	.25	2.50
Golden Queen. The best yellow. Has a fine appearance and a distinct flavor.....	.05	.20	2.00

VEGETABLE *Germain's* SEEDS



PURPLE-TOP STRAP-LEAF TURNIP



EARLY SNOWBALL TURNIP

TOMATOES (Continued)

	PRICES		
	Pkt.	Oz.	1 lb
Perfection. A fine variety of good quality and very prolific....	\$.05	\$.20	\$2.00
Yellow Pear. A small early variety good for preserves.....	.05	.25	2.50
Yellow Plum. Fruit plum-shaped, of clear, deep yellow color....	.05	.25	2.50
Yellow Peach. Beautiful clear yellow color.....	.05	.25	2.50

TURNIPS

Nabo Reube Navet

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

Germain's Red-Top White Globe. A very fine variety, globe-shaped, flesh white and of excellent quality.....	.05	.10	.60
Early White Egg. An egg-shaped variety for spring and fall sowing; flesh firm, fine-grained, mild and sweet.....	.05	.10	.60
Early White Flat Dutch. White flesh, medium size, quick growth.....	.05	.10	.60
Golden Ball. Round, smooth English Turnip of fine quality, skin bright yellow; good keeper.....	.05	.10	.60
Early Purple-Top Milan. One of the earliest varieties.....	.05	.10	.75
Purple-Top Strap-Leaf. Very productive, matures quickly; flesh white and sweet.....	.05	.10	.60
Early Snowball. A medium globe-shaped variety of pure white. Very solid and of the best quality.....	.05	.10	.60

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.....	\$.05	\$.10	\$.60
Large White. A very superior white-fleshed variety of large size and fine quality.....	.05	.10	.60

POT, SWEET AND MEDICINAL HERBS

5c per pkt. 50c per doz. pkts.

A well assorted selection of the various kinds of herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Care should be taken to harvest on a dry day just before they fully blossom.

Angelica Garden (*Archangelica officinalis*).
Anise (*Pimpinella anisum*).
Balm (*Melissa officinalis*).
Basil Sweet (*Ocymun basilicum*).
Borage (*Borage officinalis*).
Caraway (*Carum carui*).
Catnip (*Nepeta cataria*).
Coriander (*Coriandrum sativum*).
Cumin (*Cuminum cyminum*).
Dill (*Anethum graveolens*).

Fennel, Sweet (*Foeniculum vulgare*).
Horehound (*Marrubium vulgare*).
Hyssop (*Hyssopus officinalis*).
Lavender (*Lavendula vera*).
Marjoram, Sweet (*Majorana hortensis*).
Rosemary (*Rosmarinus officinalis*).
Rue (*Ruta graveolens*).
Saffron (*Carthamus tinctorius*).
Sage (*Salvia officinalis*).
Savory, Summer (*Satureja hortensis*).
Savory, Winter (*Satureja montana*).
Tansy (*Tanacetum vulgare*).
Thyme, Broad-leaved (*Thymus vulgaris*).
Wormwood (*Artemisia absinthium*).

CULINARY ROOTS AND PLANTS

Note. When ordered to be sent by mail, remit, in addition to price: for asparagus roots, 50 cts. per 100; cabbage, cauliflower, 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, \$1 per doz.
Eggplants. New York Improved large round purple; grown in pots, 75 cts. per doz.

Hop Vine Roots. 5 cts. each, 60 cts. 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 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 Nansemond 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, \$7 per 1000.

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.



SPRING VETCHES

VETCHES

PRICES
1 lb. 10 lb. 100 lb.

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. \$.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 3½ to 5 feet, the rye will afford support for them. Sow from 25 to 30 lbs. to the acre.15 1.25

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-growing, 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. Hulled, solid seed, free from burr. Sow 15 pounds per acre.30 2.75

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. acre.25 2.00

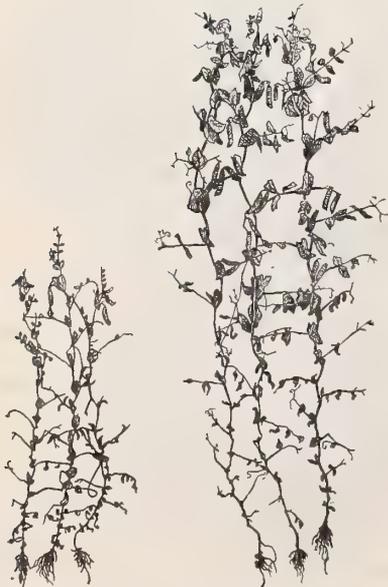
FENUGREEK

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 1.25

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



FIELD PEAS

Not Inoculated

Inoculated

Subject to Market Fluctuations—Write for prices on large quantities

VEGETABLE *Germain's* SEEDS

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.



ALFALFA
Inoculated Not Inoculated

COST PER ACRE

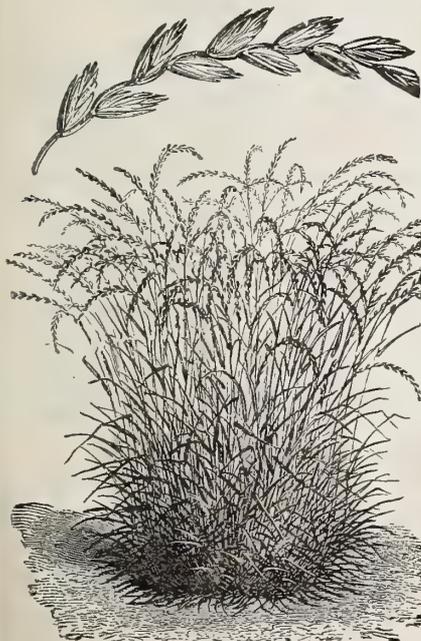
Alfalfa.....	per acre	\$1.50
Red Clover.....	per acre	1.50
Crimson Clover.....	per acre	1.50
White Clover or Alsike.....	per acre	1.50
Japan Clover.....	per acre	1.50
Bur Clover.....	per acre	1.50
Vetch.....	per acre	1.50
Field Peas.....	per acre	1.50
Garden Peas.....	half-acre	.75
Sweet Peas.....	half-acre	.75
Cow Peas.....	one acre	1.50
Garden Beans—String, Kidney, Wax, Lima.....	one acre	1.50
Soy Beans.....	one acre	1.50
Horse Beans.....	one acre	1.50
Velvet Beans.....	one acre	1.50
Peanuts.....	one acre	1.50
Sample packages 25 cts., 1-acre 50 cts., 5-acre \$5, 10-acre \$8.		
20-acre \$16, for above list of seeds.		

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

	PRICES		
	1 lb.	10 lb.	100 lb.
Alfalfa, or Lucerne. (<i>Medicago Sativa</i>). Strictly choice samples, dodder-free.....	\$.25	\$2.00	
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.....	.30	2.50	
Alsike, (<i>Trifolium hybridum</i>). 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 bee plant.....	.30	2.50	
Berseem, or Egyptian. (<i>Trifolium Alexandrinum</i>). 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.....	.50	4.50	
Burr. (<i>Medicago maculata</i> .) An excellent fodder plant for dry soils; 12 lbs. to the acre. Cleaned seed, not in the burr.....	.30	2.75	
Italian Crimson, or Scarlet. (<i>Trifolium incarnatum</i> .) Used chiefly as a soil improver.....	.25	2.00	
Japanese, (<i>Lespedeza Striata</i> .) 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.....	.40	3.50	
Mammoth Red, or Cow Grass. (<i>Trifolium pratense perenne</i> .) More vigorous grower than the common red.....	.30	2.50	
Red (<i>Trifolium pratense</i>). Should be in all pasture mixtures....	.30	2.50	
White. (<i>Trifolium repens</i>). Excellent for lawns; can be sown alone or mixed with Blue Grass. Strictly fancy seed.....	.40	3.50	



RYE GRASS

GRASS SEEDS

Awnless Brome Grass. (<i>Bromus Inermis</i> .) Hardy; stands heat and cold well. Adapted for dry regions.....	.20	1.75
Bermuda (<i>Cynodon dactylon</i>). Of great value as a pasture grass in hot countries; also suitable for lawns where Blue Grass fails..	1.00	8.00
Crested Dog's-Tail (<i>Cynosurus cristatus</i>). 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.....	.35	3.00

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

VEGETABLE *Germain's* SEEDS

GRASS SEED (Continued)



ORCHARD GRASS

Kentucky Blue, Fancy, Clean (*Poa pratensis*.) Our seed is direct from Kentucky and is absolutely pure and free from weeds. . . .
Mesquite, (*Holcus lanatus*.) 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*.) Similar to the Italian in habit of growth, but more permanent; good for lawns. Yields abundantly under irrigation. . . .
Sand Grass (*Tricuspis purpurea*.) Grows on dry sandy soils along the Coast; from 6 inches to 1 foot high. . . .

PRICES	
1 lb.	10 lb. 100 lb.
.35	3.00
.20	1.75
.30	2.50
.25	2.00
.20	1.50
.20	1.50
.30	2.50

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

MISCELLANEOUS FODDER PLANTS

Alfilaria. (*Erodium cicutarium*.) One of the most nutritious of plants; cattle, sheep, horses and hogs alike prefer it to any other natural product of the plains. Lb. \$1.50. Sow 20 lbs. to the acre.

Australian Salt Bush (*Atriplex semi-baccatum*.) 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-baccatum*. It succeeds on alkali land as well, and withstands drought. Plant in hills 6 feet apart each way, several seeds to a hill, thinning out to the two strongest plants. Pkt. 10c, oz. 30c, lb. \$3.00.

Beans Bayou. As an article of food they are fully equal to the pink or Mexican "frijole;" 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. Lb. 15 cts.

Beans Castor. Used for planting in chicken yards to afford temporary shade. 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 and straight, and always green; it brings the highest market price; grows about 7 feet high. Lb. 10c.

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

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

Buckwheat, Silver Hull. Excellent for bees. Lb. 10c.

Buckwheat, Japanese. A distinct variety, with grains nearly twice as large as those of the common kind. It is a very heavy cropper and more likely to blight than the other varieties. Lb. 15c.

Cotton, Sea Island. Best variety. Oz. 10 cts., lb. 50 cts.

Cotton, Tenn. Upland. Sow 25 lbs. to the acre. Oz. 10 cts., lb. 50 cts.

Egyptian Corn, or Brown Dhoura. It is much sweeter than cornstalks, and cattle, horses and hogs will eat it ravenously. The seed is excellent for fowls. Culture same as corn. Sow 5 lbs. to the acre. Lb. 10c.

Egyptian Corn. White, similar to above. Lb. 10c.

Flax, or Linseed. Best Riga. Lb. 10c.

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

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

Jerusalem Corn. Fine for fodder. Lb. 15c.

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

Kaffir Corn, Red. Similar to the white. Lb. 10c.

Lentils. Used as an article of food. Lb. 10c.

Mand's Wonder Forage Plant. Of recent introduction. Pronounced by those who have grown it in this vicinity to be of inestimable value. Readily eaten by all cattle; enormous yielder. Oz. 15c, lb. \$1.00.

Milo Maize. White, as nutritious as corn. Lb. 10c.

Millet, Common. Very early; abundant foliage. Lb. 10c.

Millet, Egyptian Pearl. (*Penicillaria spicata*.) Is an excellent fodder plant, attaining a height of 5 feet and over. Highly relished by cattle. Lb. 20c.

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

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

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

Millet, Italian. Grows larger than Hungarian. 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. 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. Lb. 10c.

Pyrethrum Cinerariaefolium. The plant from which is made the Persian insect powder in Europe, or "Buhach" as made in California. Pkg. 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. Lb. 15c.

Sorghum, Early Amber. Rich in fattening matter. Lb. 10c.

Sorghum, Early Orange. Similar to above. Lb. 10c.

Sorghum Halepense. Johnson Grass. Prefers a hot, dry climate. (Its sale is prohibited in this state.) Sow 30 lbs. to the acre. Lb. 25c.

Please write for price on 100 lb. lots of any of 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 sylvestris Wagnerli). 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 1½ 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, where artificial heat is obtainable, half-hardy annuals may be sown. A hotbed of stable manure is easily prepared by piling it 4 or 5 feet in height, well watered and trampled down, over which place a large box or frame, with glass sash, taking care to air and sweeten the bed well before using.

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

FEBRUARY.

Flower Garden.—General planting of evergreens and shrubs should be completed as soon as possible. Also finish planting lilies, anemones and ranunculi. Commence planting gladioli bulbs for succession. Sow hardy annuals out-of-doors, especially sweet peas, and half-hardy annuals as recommended for last month. This is the best month in which to sow 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 hard tree seeds.

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

MARCH

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

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

APRIL

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

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

MAY

Flower Garden.—As hyacinths, tulips, narcissi, etc., die down, the bulbs should be dug up and stored away in a cool, dry place till fall, when they may be replanted. The vacancies thus created should be filled with other flowering plants. Half-hardy and other annuals may still be sown, and summer-flowering bulbs be planted. The garden should now be

brilliant with flowers, and all sowing, planting and general cleaning up should be completed this month, ready for the summer season.

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

JUNE

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

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

JULY

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

AUGUST

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

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

SEPTEMBER

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

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

OCTOBER

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

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

NOVEMBER

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

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

DECEMBER

Flower Garden.—Operations same as last month.

Vegetable Garden.—Operations same as last month.

VEGETABLE *Germain's* SEEDS

USEFUL REFERENCE TABLE

Showing at a glance the best time to plant the different kinds of seeds and plants, average time to mature, and distance apart

VARIETY	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Maturity Table	Distance to Plant
Artichoke, Globe			S	S									4 months	24x36 inches
Asparagus (seed)		S	S	S									3 years	36x18 "
Asparagus (roots)	P	S	S	S									Second year	36x18 "
Beet, Table Varieties	S	S	S	S			S	S	S		P		7 to 8 weeks	18x 4 "
Beans, Broad or English			S	S					S	S	S		3 months	24x4 "
Beans, Dwarf or Bush		S	S	S		S	S		S		S		6 to 8 weeks	30x 2 "
Beans, Pole		S	S	S		S	S		S		S		8 weeks	36x30 "
Broccoli		S	S	S			S	S	S	S	S		3 months	36x24 "
Brussels Sprouts		S	S	S			S	S	S	S	S		4 months	24x18 "
Cabbage, Early (seeds)		S	S	S				S	S	S	S		3½ months	24x18 "
Cabbage, Early (plants)		P	P	P					P	P	P		3½ months	24x18 "
Cabbage, Late (seeds)					S	S							4 months	36x24 "
Cabbage, Late (plants)					P	P	P						4 months	36x24 "
Carrot	S	S	S	S				S	S	S	S	S	3 months	18x 4 "
Cauliflower (seeds)	S						S	S	S	S	S	S	4 to 5 months	30x18 "
Cauliflower (plants)		P	P	P	P				P	P	P		4 to 5 months	30x18 "
Celery					S								5 months	48x 8 "
Chervil		S	S	S	S				S	S			6 weeks	12x 4 "
Chives	P	P	P	P					P	P	P	P	2 to 3 months	12x 4 "
Collards													3 months	36x18 "
Chicory													6 weeks	12x12 "
Corn, Sweet					S	S							2 to 3 months	36x12 "
Corn, Salad	S	S	S	S	S	S	S	S	S	S	S	S	6 to 7 weeks	12x 6 "
Cress	S	S	S	S	S	S	S	S	S	S	S	S	1 to 2 weeks	Thickly
Cucumber					S	S							7 to 10 weeks	48x48 inches
Dandelion		S	S	S	S	S			S	S			8 to 9 weeks	6x 6 "
Eggplant (seeds)					S	S							3 to 4 months	36x36 "
Eggplant (plants)					P	P	P						3 to 4 months	36x36 "
Endive	S	S	S	S				S	S	S	S	S	6 weeks	12x 6 "
Garlic (sets)	P	P	P	P				P	P	P	P	P	3 to 4 months	18x 4 "
Horse-radish (sets)				P									6 months	12x 4 "
Kale	S	S	S	S			S	S	S	S	S	S	4 to 5 months	24x12 "
Kohlrabi							S	S	S	S	S	S	4 months	18x 6 "
Leek								S	S	S	S	S	3 to 4 months	12x 5 "
Lettuce	S	S	S	S	S	S	S	S	S	S	S	S	4 to 7 weeks	24x12 "
Melons, Musk					S	S							4 to 5 months	60x60 "
Melons, Water					S	S							3 to 4 months	96x96 "
Mustard	S	S	S	S			S	S	S	S	S	S	1 to 2 weeks	Thickly
Okra					S	S							3 months	36x12 "
Onion (seeds)					S			S	S	S	S	S	3½ to 5 months	12x 4 "
Onion (sets)	P	P	P	P						P	P	P	3½ to 5 months	12x 4 "
Parsley	S	S	S	S				S	S	S	S	S	7 to 10 weeks	12x 6 "
Parsnip	S	S	S	S				S	S	S	S	S	4 months	18x 6 "
Peas	S	S	S	S	S	S	S	S	S	S	S	S	6 to 10 weeks	30 between rows
Pepper (seeds)					S	S							4 to 5 months	30x12 "
Pepper (plants)					P	P	P						4 to 5 months	30x12 "
Potato (sets)		P	P				P	P	P				2½ to 4 months	24x12 "
Potato, Sweet (plants)						P	P						3 to 4 months	48x18 "
Pumpkin						S	S	S	S	S	S	S	4 months	96x96 "
Radish	S	S	S	S	S	S	S	S	S	S	S	S	3 to 5 weeks	8x 2 "
Rhubarb (seeds)					S	S							3 years	48x48 "
Rhubarb (roots)	P	P	P	P							P	P	Second year	48x48 "
Salsify													4 to 5 months	18x 4 "
Spinach	S	S	S	S	S	S	S	S	S	S	S	S	1 month	thickly
Tobacco		S	S	S									7 months	24x24 inches
Tomato (seeds)	S	S	S	S	S								3 to 5 months	48x48 "
Tomato (plants)					P	P							3 to 5 months	48x48 "
Turnip		S	S	S	S	S	S	S	S	S			3 to 10 weeks	18x 4 "
Turnip, Swede, or Rutabaga		S	S	S	S	S	S						4 to 6 months	24x12 "
Herbs					S				S				Sow thinly in drills	

SOWING TABLE FOR THE GARDEN

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

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

VEGETABLE *Germain's* SEEDS

USEFUL TABLES FOR THE FARMER AND PLANTER

NUMBER OF TREES OR PLANTS TO AN ACRE

Set at regular distances apart

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

QUANTITY OF SEED USUALLY SOWN PER ACRE

	oz. lbs.		oz. lbs.		oz. lbs.
Alfalfa.....	25	Corn, Jerusalem.....	6	Millet Pearl broadcast.....	30
Artichoke, Globe.....	1	" Kaffir.....	10	Milo Maize, drills.....	10
" Jerusalem (tubers) ..	300	" Kaffir, broadcast.....	50	Oats.....	80
Asparagus.....	5	Cress.....	8	Okra.....	10
Barley.....	100	Cucumber.....	2	Onion, seed for dry bulbs.....	6
Beans, Bush, drills.....	80	Egg Plant.....	4	" " " sets.....	50
" " Lima.....	40	Endive.....	3	Onion Sets.....	250
" Pole, hills.....	30	Flax for seed.....	30	Parsley.....	8
" Lima.....	30	" fiber.....	50	Parsnip.....	5
Beet, Table.....	6	Grass, Bermuda.....	8	Peanuts.....	22
" Stock.....	8	" Brome.....	40	Peas, drills.....	90
" Sugar.....	15	" Crested Dogstail.....	25	" broadcast.....	150
Broom Corn drills.....	12	" Ky. Blue for pasture..	50	Pepper.....	8
Broccoli.....	6	" " for lawns.....	150	Potatoes, cut tubers.....	600
Brussels, sprouts.....	8	" Orchard.....	40	" sweet, plants.... 8M.	
Buckwheat, broadcast.....	48	" Rye grass Perennial for		Pumpkin.....	3
Cabbage, early.....	8	Pasture.....	40	Radish.....	10
" late.....	6	" Rye, Perennial for		Rhubarb.....	4
Carrot, table.....	4	lawns.....	75	Rye.....	100
" stock.....	3	" Italian.....	30	Salsify.....	10
Cauliflower.....	6	" Red Top.....	30	Sorghum, for fodder.....	150
Celery.....	4	" Timothy.....	20	" for Syrup.....	10
Clover, red.....	20	" Hungarian.....	40	Spinach.....	10
" White.....	15	" Mesquite.....	35	Squash, bush vars.....	4
" Crimson.....	15	Hemp.....	50	" running.....	3
" Egyptian.....	12	Kohl Rabi.....	2	Tobacco.....	2
" Alsike.....	10	Leek.....	4	Tomato.....	2
" Japanese.....	12	Lettuce.....	3	Turnip broadcast.....	3
Corn, sweet.....	14	Melon, musk.....	2	" drills.....	2
" field.....	10	" water.....	4	" Rutabaga.....	3
" for fodder.....	150	Millet.....	50	Vetches, broadcast.....	100
" Egyptian.....	6	" Pearl drills.....	6	Wheat.....	100

WEIGHTS PER BUSHEL

	lbs.		lbs.		lbs.
Alfalfa.....	60	Corn, Kaffir.....	50	Hemp.....	44
Artichokes, Jerusalem.....	60	" Shelled.....	56	Millet.....	50
Barley.....	48	" Pop.....	70	Milo Maize.....	50
Beans, bush and pole.....	60	Flax Seed.....	56	Onions.....	57
" Castor.....	46	Grass Seed, Blue.....	14	" sets.....	32
Broom Corn Seed.....	46	" " Brome.....	14	Peanuts.....	22
Bran.....	20	" " Crested Dogstail.....	20	Peas, round seeded.....	60
Buckwheat.....	50	" " Hungarian.....	48	" Wrinkled.....	56
Canary Seed.....	60	" " Mesquite.....	7	Potatoes.....	60
Charcoal.....	22	" " Orchard.....	14	" sweet.....	50
Clover, Red, White and Alsike....	60	" " Red Top.....	14	Rye.....	56
" Japanese.....	25	" " Rye Grass Perennial..	20	Sorghum.....	50
Corn, Egyptian.....	50	" " Rye Grass Italian.....	20	Vetches.....	60
" Jerusalem.....	50	" " Tin othy.....	45	Wheat.....	60

FLOWER *Germain's* SEEDS

GERMAIN'S HIGH-GRADE FLOWER SEEDS A FEW CULTURAL SUGGESTIONS



HE use and growth of flowers, especially, marks the progress of individuals and nations, the greatest nations of the earth being those with whom the love of floriculture most prevails. To the lover of flowers, what can be more interesting than to sow the seed, water and otherwise care for the growth and development of the

plant, and at last enjoy the expansion of the flower? What does the sense of proprietorship of the purchaser of flowers compare to that of the grower of them? The latter feels that they are verily his own, the results of his fostering care. Among the flowers which may be grown with a minimum amount of care and expense are those varieties which reproduce themselves from seeds. They are classed as Annuals, Biennials and Perennials, and these are subdivided into Hardy, Half-hardy and Tender varieties of each class.

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

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

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

Hardy 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 within an inch of the top with sifted, light, rich soil, firmly pressed, and the seed should be sown covered its own depth with soil, again pressed and watered. When the young plants are large enough to be handled, prick out into other boxes, planting them about 1 inch apart, and, when weather permits, they should afterwards be planted in the open ground in the place where they are to flower.

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

Hardy Biennials and Perennials should be sown in September. Many varieties, if sown then, will flower 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.

25 fine vars. of Annual and Perennial flower seeds..	\$1.00
Collection No. 1.	
12 vars. Annual and Perennial flower seeds.....	50
Collection No. 2.	
12 beautiful vars. Climbing and Trailing plants..	50
Collection No. 3.	
6 beautiful vars. Climbing and Trailing plants..	25
Collection No. 4.	

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.	
5 fine vars. of Ornamental Grasses.....	25

FLOWER *Germain's* SEEDS

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.

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

Victoria , Mixed. Height 1½ ft.	10
Victoria , White. Height 1½ ft.	10
Well-known useful plants; invaluable for display in the garden and also for cut-flowers. The American Branching and Giant Comet varieties are the favorites among florists. The Lady Aster is a new distinct class with very narrow leaves and remarkable free-flowering qualities, and is one of the finest for cutting purposes.	
BALSAM . Hh. Balsams, or "Touch-me-nots," are among the finest of our annuals, either for garden or pot culture; we offer none but the finest strains.	
Double Rose-flowered . Mixed. Height 2' ft.	10
Camelia-flowered . Mixed. Height 2 ft.	10
Dwarf . Mixed. Height 1 ft.	05
Carnation-striped . Mixed. Height 2 ft.	10
Solfarino . White, lilac and scarlet. Height 2 ft.	10
BARTONIA aurea . Yellow. Height 1 ft.	05
BRACHYCOME Iberidifolia (Swan River Daisy). Free-blooming plants, with cineraria-like flowers. Native of Western Australia. Mixed. Height 1 ft.	05



AGERATUM MEXICANUM, IMP. DWARF BLUE



CELOSLIA CRISTATA, GLASGOW PRIZE



ARCTOTIS GRANDIS

Height 1 ft.	05
ANAGALLIS (Pimpernel). Mixed various colors. Free-blooming, attractive plant for borders. Height ½ ft.	05
ARCTOTIS grandis . 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.	10
ARGEMONE (Mexican Poppy). Mixed, white and yellow. Very showy. Height 2 ft.	05
ARNEBIA cornuta (Arabian Primrose). B. Yellow, spotted with black or maroon. Height 1¼ ft.	15
ASTER , American Branching. Crimson Flesh-pink, Rose-pink, Lavender, White, Purple and Mixed. Height 1½ ft.	10
Betteridge's Quilled . Mixed. Height 1½ ft.	10
Cocardeau, or Crown . White centers, mixed. Height 1½ ft.	10
Dwarf Pyramidal Bouquet . Mixed. Height ¾ ft.	10
Dwarf Chrysanthemum flowered . Mixed. 1 ft.	10
Giant Comet . Azure-blue. Height 2 ft.	10
Giant Branching Comet, Carmine . Height 2 ft.	10
Giant Branching Comet, White . Height 2 ft.	10
Giant Branching Comet, Mixed . Height 2 ft.	10
Lady, Mixed . Height 1 ft.	10
Truffaut's Peony-flowered Perfection . Mixed. Height 1½ ft.	10
Truffaut's Peony-flowered Perfection . White. Height 1½ ft.	10

BROWALLIA Elata . Hh. Mixed. Height 1½ ft.	10
CACALIA coccinea (Flora's Paint Brush). B. Scarlet. Height ½ ft.	05
CALANDRINA umbellata . Portulaca-like plants, fond of sunshine, well-suited for rock-work. Vivid crimson. Height ¼ ft.	05
CALCEOLARIA hybrida superba . T. The seed we offer has been hybridized by the best cultivators, and is the most superb strain procurable. Sow in August. Beautifully blotched, mottled and striped. Height 1½ ft.	50
CALENDULA officinalis (Pot Marigold). Of easy culture.	
Meteor . Yellow striped and bordered orange. Height 1½ ft.	05
Prince of Orange . Height ¾ ft.	05
CALLIOPSIS . Also called Coreopsis. B. See Perennials.	
Bicolor . Yellow and brown. Height 2 ft.	05
Coronata . Yellow, large-flowered. Height 2 ft.	05
Fine Mixed . All colors. Height 2 ft.	05
CANDYTUFT . B. Good for bedding in masses.	
Carter's Carmine . Height 1 ft.	10
Empress . White. Height 1 ft.	10
Little Prince . White. Height ¼ ft.	10
Purple . Height 1 ft.	05
White . Height ¾ ft.	05
White, Fragrant . Height 1 ft.	05
Fine Mixed . All colors. Height 1 ft.	05
CATCHFLY . Fine mixed. Height 1 ft.	05

FLOWER *Germain's* SEEDS

SEEDS OF ANNUALS (Continued)

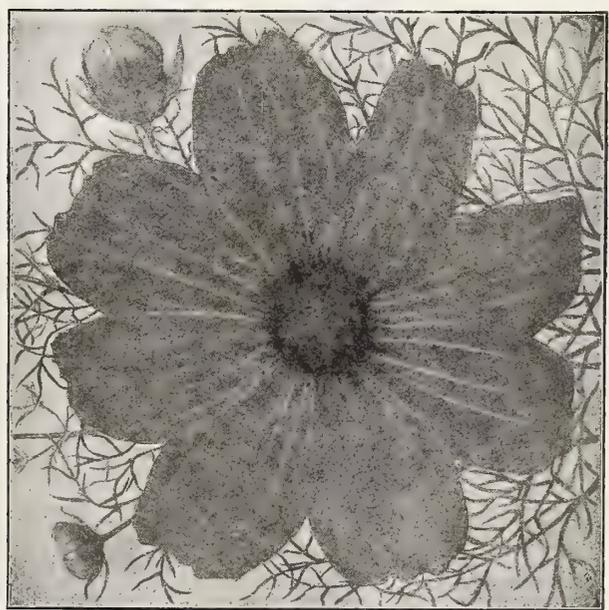
	Pkt.
CELOSIA. Hh. <i>Celosia cristata</i> is the Cocks-comb; <i>Celosia pyramidalis</i> is the feathered variety.	
Cristata, Finest Mixed. Height ¾ to 1 ft.....	10
Cristata, Empress. Dwarf, crimson, splendid. Height ¾ ft.	15
Cristata, Glasgow, Prize. Crimson. Height 1 ft.	15
Pyramidalis. Mixed. Height 2 ft.....	05
CENTAUREA. B. The Cyanus varieties are the well-known Corn Flowers. The <i>Moschata</i> varieties and <i>Sauveolens</i> are the old-fashioned Sweet Sultans.	
Imperialis. Brilliant rose, lavender, purple, white and mixed. Height 2 ft.	10
Chameleon. Flowers similar in shape to <i>C. Margaritae</i> , but varying in color, from light yellow or straw-color to pink and yellow, or light rose. Height 1½ ft.	10
Marguerite. Large, pure white flowers, about 2½ in. in diameter, with edge and petals beautifully tubed and twisted. Height 1½ ft.....	10
Cyanus, Emperor William. Sky-blue. Height 2 ft.	05
Cyanus, White. Height 2 ft.....	05

COLLINSIA bicolor. Purple and white. Height 1 ft	05
CONVOLVULUS minor (Dwarf Morning-glory). Mixed colors. Height 1 ft.....	05
CORN FLOWER. (See <i>Centaurea</i> .)	
COSMOS. B. Showy flowers of easy cultivation.	
Lady Lennox. A delightful shell-pink, 4 to 5 inches in diameter.	25
White. Height 4 ft.....	05
Pink. Height 4 ft.....	05
Fine Mixed. Height 4 ft.....	05
Mammoth Perfection, White. Height 4 ft.....	10
Mammoth Perfection, Crimson. Height 4 ft.....	10
Mammoth Perfection, Pink. Height 4 ft.....	10
Mammoth Perfection, Yellow. Height 4 ft.....	10
Mammoth Perfection, Mixed. Height 4 ft.....	10
COSMIDIUM Burridgeanum. B. Resembles <i>Calliopsis</i> . Maroon and yellow. Height 2 ft.....	05
DATURA Huberiana. Hh. Double Mixed. Height 3 ft.	10
ESCHSCHOLTZIA. The well-known California Poppy. The Golden West is a new variety producing very large flowers, of a light canary-yellow color, with an orange blotch at the base of	



ESCHSCHOLTZIA

Cyanus, Pink. Height 2 ft.	05
Cyanus, Dark Blue. Height 2 ft.....	05
Cyanus, Mixed. Height 2 ft.....	05
Moschata, White. Height 3 ft.	05
Sauveolens, Yellow. Height 1½ ft.....	05
Mixed. Height 1½ to 3 ft.....	05
CENTRANTHUS. B. Mixed, various colors. Showy annuals, with valerian-like flowers. Height 1 ft	05
CHRYSANTHEMUM. (See also Perennials.) The annual Chrysanthemum is rapidly rising in favor, being showier than the Marguerite, and of diverse colors.	
Tricolor album. White. Height 2 ft.....	05
Tricolor burridgeanum. White, with crimson ring. Height 2 ft.	05
Tricolor Double Mixed. Various colors. Height 2 ft.	05
Tricolor W. E. Gladstone. Rich Crimson. Ht. 2 ft	05
Coronarium, Double White. Height 2 ft.....	05
Coronarium, Double Yellow. Height 2 ft.....	05
Morning Star. New beautiful pale yellow flowers, fine for cutting.....	10
CINERARIA hybrid. T. (See also Perennials.) Valuable winter and spring flowering pot plants for window or greenhouse culture. Choice mixed. Height 1 ft.....	50
CLARKIA elegans. Double rose. Height 1½ ft...	05
Fine Mixed. All kinds. Height 1½ ft.....	05
CLINTONIA pulchella. Pretty for rock work. Blue, white and yellow. Height ½ ft.....	10



COSMOS LADY LENNOX

each petal, forming a maltese cross in the center of the flower.	
California. Yellow. Height 1 ft.....	05
Crimson Flowering. (Burbank's.)	10
Golden West. Canary-yellow and orange. Height 1 ft.	10
White and Carmine. Height 1 ft.....	10
Orange. Height 1 ft.....	05
Orange, Double. Height 1 ft.....	10
White. Height 1 ft.....	05
White, Double. Height 1 ft.....	10
Rose Cardinal. Height 1 ft.....	10
Mandarin. Orange and mandarin red. Height 1 ft.	10
Fine Mixed. All sorts. Height 1 ft.....	05
EUTOCA, Mixed. B. Various colors. Height ½ ft.	05
FENZLIA dianthiflora. Pink and white. Height ¼ ft.	15
GAURA Lindheimeri. Rosy white. Fine for masses or mixed borders. Height 3 ft.....	10
GILIA tricolor. Violet, yellow and white. Height 1 ft.	05
Dwarf Sorts. Mixed. Height ½ ft.....	05
GODETIA. Splendid, profuse blooming annuals for borders and groups.	
Duchess of Albany. Large white. Height 1½ ft.	05
Gloriosa. Dark blood-red with satin luster. Height ¾ ft.	05
Lady Albermarle. Dark Crimson. Height 1½ ft.	05
Rubicunda splendens. Red. Height 1½ ft.....	05

FLOWER *Germain's* SEEDS



MARIGOLD, FRENCH



DWARF ROCKET LARKSPUR



MIGNONETTE

SEEDS OF ANNUALS (Continued)

GODETIA—Continued

Amoena. Dark rose, native variety. Height 1½ ft.....	Pkt. \$0 05
The Bride. Crimson and white. Height 1½ ft.....	05
Finest Mixed. Height 1½ ft.....	05
GYPSOPHILA elegans. B. Rosy white. Very graceful. Height 1½ ft.	05
See also, Perennials	05
HELIANTHUS. Ornamental double varieties of the well-known Sunflower. Good for backgrounds.	05
Californicus. Double. Height 6 ft.....	10
Cucumerifolius. "Stella" single Golden yellow with black center. Height 3½ ft.	05
Globosus fistulosus. Double-quilled. Height 6 ft.....	05
Nanus. Dwarf; double. Height 3 ft.....	05
HIBISCUS Africanus. Yellow, with dark center. Height 2 ft. See, also Perennials.	05
ICE PLANT (<i>Mesembryanthemum crystallinum</i>). White. Trailer.....	05
KAULFUSSIA amelloides (Cape Marguerite). B. Mixed. Height 1 ft	05
LARKSPUR, Dwarf Rocket. Mixed. Height 2 ft.....	05
Emperor, Azure Blue. Height 2½ ft.....	05
Emperor, Rose. Height 2½ ft.....	05
Tall Stock-flowered. Mixed. Height 2½ ft.....	05
LAVATERA trimestris. Red. Height 2½ ft.....	05
LEPTOSIPHON hybridus. Height 1-3 ft.....	05
LIMNANTHES Douglasii. Sometimes called Yellow Nemophilla Yellow. Height 1-3 ft.....	05
LINUM grandiflorum rubrum. (Crimson Flax). Crimson. Unsurpassed for brilliancy and duration of bloom. Height 1 ft.....	05
LOBELIA. Pretty plants for edging or hanging baskets. See, also, Perennials.	10
Erinus erecta. Blue. Height ½ ft.....	10
Erinus erecta. Crystal Palace Compacta. Dark blue. Height 1-3 ft.	10
Erinus erecta. Emperor William. Light blue. Compact. Height 1-3 ft.	10
LOVE-LIES-BLEEDING (<i>Amaranthus caudatus</i>). Crimson. Height 2 ft.	05
LUPINUS. See also Perennials.	05
Mixed Annual Varieties. B. Height 2 to 3 ft.....	05
Nanus. Dwarf, blue. Height ½ ft.....	05
MALOPE grandiflora purpurea. Reddish purple. Height 2 ft.....	05
MATTHIOLA bicornis (Night-scented stock). Purple; fragrant. Height ½ ft.	05
MARIGOLD. Favorite showy plants for mixed borders. See also Calendula.	05
African, Lemon-colored. Height 2 ft.....	05
African, Orange. Height 2 ft.....	05
African, Mixed. Height 2 ft.....	05
French, Dwarf Orange. Height 1 ft.....	05
French, Dwarf Striped. Height 1 ft.....	05
French, Legion of Honor. Golden Yellow, marked with velvety brown. Height ¾ ft.	05
French, Mixed. Height 1 ft.....	05
MESEMBRYANTHEMUM tricolor (Dew Plant). For edge or rockwork. Purple, rose and white. Trailer.....	05
MIGNONETTE, Sweet. B. Greenish white. Height ½ ft.....	05
Large-flowering. Greenish white. Height ¾ ft.....	10
Allen's Defiance. The best variety for forcing. Height 1 ft.....	10
Golden Queen. Height 1 ft.....	10
Machet. Fine for pot culture. Height 1 ft.....	10
Miles' Hybrid Spiral. Very large spikes. Height 1 ft.....	10
Parson's White. Fine long spikes. Height 1 ft.....	10
Victoria. Red; very fine. Height 1 ft.....	10
The last six kinds are extra fine.	05
NASTURTIUM, TOM THUMB—	05
Aurora (Terra-cotta). Height 1 ft.....	05
Bronze. Distinct. Height 1 ft.....	10
Chameleon. A fine variety producing different flowers on the same plant. Height 1 ft.....	05
Cloth of Gold. Light scarlet, yellow foliage. Height 1 ft.....	10
Dark Crimson. Height 1 ft.....	10
Empress of India. Dark leaves and crimson flowers. Height ¾ ft.....	05
Golden King. Dark foliage. Height 1 ft.....	05
King of Tom Thumbs. Dark foliage, scarlet flowers. Height 1 ft.....	10
King Theodore. Nearly black. Height 1 ft.....	10
Ladybird. Orange-yellow, red spots. Height 1 ft.....	05
Pearl. White. Height 1 ft.....	05
Regalium. Purplish violet. Height 1 ft.....	05
Ruby King. Light ruby-red. Height 1 ft.....	05
Scarlet. Height 1 ft.....	05
Yellow. Height 1 ft.....	05
Finest Mixed. Height 1 ft.....	05
Lilliput. A new and distinct class, in every respect smaller than the Tom Thumbs. Flowers of various colors. Height ½ ft.....	10
For Tall Nasturtium, see Climbing Plants.	05
NEMOPHILA (Love Grove). Charming California annuals for borders.	05
Insignis (Baby Blue Eyes). Beautiful sky blue. Height ½ ft.....	05
Maculata. Large, white with purple blotch. Height ½ ft.....	05
Fine Mixed. Height ½ ft.....	05
NICOTIANA affinis (Ornamental Tobacco). White and fragrant. Height 3 ft.....	10
SANDERAC. Large flowering hybrids, very showy, a profuse bloomer, easily raised from seed.	10
Mixed. All colors.....	05
NIGELLA (Love-in-a-Mist or Devil-in-the-bush). B. Singular flowers, the upper petals being reflexed to resemble horns.	05
Damascena. Double, Lavender-blue. Height 1 ft.....	05

FLOWER *Germain's* SEEDS

SEEDS OF ANNUALS (Continued)

NOLANA. Fine mixed. Trailer.....	Pkt. \$0 05
OXYURA chysanthemoides. Yellow and white. Height 1 ft. PANSY. (See list of Perennials.)	05
PERILLA Nankinesis. Hh. Very dark leaves. Height 1½ ft.	05
PHLOX Drummondii. Well-known showy plants for bedding. White. Height 1 ft.....	10
Double White. Height 1 ft.....	15
Double Yellow. Height 1 ft.....	15
Bright Scarlet. Height 1 ft.....	10
Red, with white eye. Height 1 ft.....	10
Grandiflora. Chamois-rose. Height 1 ft.....	10
Fine Mixed. Height 1 ft.....	05
Rose, Striped White. Height 1 ft.....	10
Pink. Height 1 ft.....	10
Large-flowering. Fine mixed. Height 1 ft.....	10
Very Dwarf, Fireball. Brilliant scarlet. Height ½ ft.....	10
Very Dwarf, Extra Fine Mixed. Height ½ ft.....	10
Cuspidata (Star Phlox). Mixed. Height 1 ft.....	10
PLATYSTEMON Californicus (Cream Cups). Yellow. Height 1 ft.....	05
POPPY, Carnation, Double White. Height 2 to 3 ft.....	05
Carnation, Double Mixed. Height 2 to 3 ft.....	05
Danebrog. Scarlet, blotched white. Height 2 ft.....	05
French, or Ranunculus-flowered. Mixed. Height 2 ft.....	05
Mikado. White and crimson, double-fringed. Height 2 ft.	05
Miss Sherwood. The flowers are from 4 to 5 inches across. pure satiny white-tinged with chamois-rose. Height 2½ ft.....	10
Paeony-flowered Fine Mixed. Height 2 to 3 ft.....	05
Shirley, Santa Rosa Strain. The best and most varied strain in existence, including the new striped salmon and bluish shades. Height 2 ft.....	10
Shirley, Mixed. A distinct race, fine. Height 2 ft.....	05
Tulip (Papaver glaucum). Scarlet. Height 1¼ ft.....	10
Umbrosum. Scarlet-crimson. Height 1½ ft.....	10
(See also list of Perennials.)	
PORTULACA, Single. Yellow, white, scarlet, crimson and mixed. Height ½ ft.....	05
Double. For exhibiting a display of dazzling brilliancy the Portulaca is unrivaled. It revels in sunshine, and will stand quite a degree of drought. White, Golden, Pink, Scarlet and Mixed. Height ½ ft.....	10
RICINUS Cambodgensis (Ornamental Castor Beans). Leaves and stems nearly black; very fine. Height 5 ft.....	05
Sanguineus. Blood-red foliage. Height 6 ft.....	05
SALPIGLOSSIS. Hh. Flowers are somewhat like Petunias, with veined, velvety surface.	
Finest Tall Mixed. Height 1½ ft.....	10
SANVITALIA. Profuse-blooming trailing plants for beds, rock-work, etc. Sometimes called the Trailing Sunflower.	
Procumbens. Single Yellow. Trailer.....	05
Double Yellow. Trailer.....	05
SAPONARIA Calabrica (The Calabrian Pink or Soapwort). Pink. Height ½ ft.....	05
SCABIOSA (Mourning Bride). B. A well-known border plant, free-blooming and fragrant.	
Azure Fairy. Delicate Lavender. Height 2 ft.....	10
Tall Double Flesh Color. Height 2 ft.....	10
Tall Double Rose. Height 2 ft.....	10
Tall Double White. Height 2 ft.....	10
Tall, Double Mixed. Height 2 ft.....	05
Dwarf, Double Mixed. Height 1 ft.....	05
SCHIZANTHUS. Of much interest and beauty, flowers being beautifully marked, after style of some orchids.	
Pinnatus. Blue. Height 1½ ft.....	05
Finest Mixed. Height 1½ ft.....	05
SILENE. Fine for bedding or edging.	
Pendula compacta. Red. Height ¾ ft.....	05
Compacta. Double red. Height ¾ ft.....	05
STOCKS, Ten Weeks. For intermediate, Brompton and other Stocks, see Perennials. Stocks offered below are the finest obtainable. The seed is saved from pot-grown plants, and may be relied upon to produce nearly all double flowers. The Princess Alice and Giant Perfection varieties are the finest for cutting purposes.	
Large-flowered (See cut, page 40). Crimson, Flesh-color, Light Blue, Rose, Yellow, White and Finest Mixed. Height 1 ft.....	10
Giant Perfection. Fiery Crimson, Flesh-color, Rose, Light Blue, Dark Blue, White. Height 2 ft.....	15
Finest Mixed. Height 2 ft.....	10
Princess Alice (Cut-and-come-Again). White. Height 1½ ft.....	10
Wallflower-leaved, Snowflake. Pure white. Height 1 ft.....	15
Wallflower-leaved, Finest Mixed. Height 1 ft.....	15
SUNFLOWER. (See Helianthus.)	
SWEET SULTAN. (See Centaurea.)	
SWEET PEAS. (See list of climbers.)	
TAGETES signata pumila. Yellow, striped brown, fine for bedding. Height ¾ ft.....	05



PHLOX DRUMMONDII



POPPY, MISS SHERWOOD



SALPIGLOSSIS

FLOWER *Germain's* SEEDS



LARGE FLOWERED STOCK



GLOBE AMARANTHUS



EGG-SHAPED GOURD

SEEDS OF ANNUALS (Continued)

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

Seeds of Everlasting Flowers

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

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

Ornamental Gourds and Cucurbitaceae

	Pkt.
ABOBRA viridiflora. Greenish flowers; a tuberous perennial gourd, with pretty scarlet fruits. Height 6 ft.	\$0 10
BRYONOPSIS laciniosa erythrocarpa. Very ornamental, with pleasing cut foliage and bright-colored fruits. Height 5 ft.	10
CUCUMBER, Snake (Cucumis flexuosus). Height 6 ft.	10
Wild. Very curious. Height 4 ft.	10
GOURD, Bottle-shaped. White flowers. Height 10 ft.	10
Calabash-shaped. Height 10 ft.	10
Dipper. Height 10 ft.	05
Dish Rag. When properly prepared this is very serviceable in many ways. Height 6 ft.	10
Egg-shaped "Nest-Egg." Height 10 ft.	05
Gooseberry. Smallest. Height 10 ft.	10
Hercules' Club. Fruits 7 to 8 feet in length. Height 15 ft.	05
Orange-shaped (Mock Orange). Height 15 ft.	10
Pear-shaped. Height 10 ft.	10
Serpent (Trichosanthes colubrina). Very long and coiled. Height 10 ft.	10
Sugar Trough. Enormous, holding several gallons. Height 15 ft.	05
MOMORDICA. The Momordicas are very handsome. The fruits burst when ripe, exposing the bright orange-scarlet interior, which resembles a handsome flower.	
Balsamina (Balsam Apple). Height 6 ft.	10
Charantia (Balsam Pear). Height 5 ft.	10
ORNAMENTAL GOURDS. Finest mixed kinds.	05

Seeds of Climbing Plants

A, Annual. P, Perennial.

	Pkt.
ADLUMIA cirrhosa. P. The graceful Allegheny Vine; also Mountain Fringe. Pink. Height 8 ft.	\$0 10
AMPELOPSIS. The well-known Virginia Creeper.	
Veitchii (Japan Ivy). P. Height 50 ft.	10

FLOWER *Germain's* SEEDS

SEEDS OF CLIMBING PLANTS (Continued)

	Pkt.
ANTIGONON leptopus (<i>Rosa de montana</i>). P. One of the most elegant climbers known. Native of Mexico. Rose.....	\$0 15
ARISTOLOCHIA elegans . Hhp. Chocolate and purple. Height 30 ft.	10
Sipho (<i>Dutchman's Pipe</i>). P. Very odd-looking and interesting, Yellow and brown. Height 40 ft.....	10
AUSTRALIAN PEA VINE . See <i>Dolichos lignosus</i> .	
BALLOON VINE . Hha. Bears a pretty, inflated capsule. White and green. Height 8 ft.....	05
BIGNONIA (<i>Trumpet Vine</i>). P. Sometimes classed with <i>Tecoma</i> . Robust, hardy climber. Very ornamental.	
Radicans . Orange-scarlet. Height 15 ft.....	10
Stans (<i>Tecoma</i>). Orange; distinct foliage. Height 10 ft.....	10
Tweediana . Bright Yellow; evergreen. Height 20 ft.....	10
CANARY-BIRD FLOWER (<i>Tropaeolum peregrinum</i>). Hha. A charming annual vine with delicate foliage. Flowers yellow. Height 8 ft.....	10
CLEMATIS (<i>Virgin's Bower</i>). P. well-known, profuse-blooming climbers. The seed requires several months to germinate.	
Flammula . White. Height 10 ft.....	10
Viticella . Purple. Height 10 ft.....	10
Jackman's New Hybrids . Mixed. Height 10 ft.....	25
CLIANTHUS puniceus (<i>New Zealand Parrot's Bill</i>). P. A very handsome climber. Bright scarlet. Height 6 ft.....	15
CLITORIA ternatea . Hhp. Blue. Height 6 ft.....	15
COBAEA . P. Rapid-growing climbers, with bell-shaped flowers.	
Scandens . Purple. Height 20 ft.....	10
Alba . White. Height 20 ft.....	10
Macrostemma . Yellowish green, tipped with violet; stamens of enormous length. Height 15 ft.....	15
CONVOLVULUS . A. The well-known Morning-Glories.	
Major, Blue . Height 10 ft.....	05
Major, Crimson . Height 10 ft.....	05
Major, Pink . Height 10 ft.....	05
Major, Striped . Height 10 ft.....	05
Major, White . Height 10 ft.....	05
Major, Mixed . Height 10 ft.....	05
Major, Double . White-veined purple. Height 10 ft.....	10
Aureus superbus . Yellow. Very fine and rare. Height 8 ft.....	15
CYPRESS VINE (<i>Ipomoea quamoclit</i>). Hha. Well-known climbers, with handsome, delicate foliage.	
Scarlet . Height 8 ft.....	05
White . Height 8 ft.....	05
Mixed . Height 8 ft.....	05
DOLICHOS Lablab . Hha. Mixed. Height 8 ft.....	05
Lignosus Alba .	
Lignosus (<i>Australian Pea</i>). P. Rose and purple; one of the best climbers for a hot, dry climate. Height 15 ft.....	05
ECCREMOCARPUS scaber . P. Orange; very valuable to cover trellises. Height 6 ft.....	10
HUMULUS . A beautiful climber, which may be sown in open ground in spring, attaining immense proportions in a short time.	
Japonicus (<i>Japanese Hop</i>). A. Height 20 ft.....	10
Japanese Variegated	10
Lupulus (<i>Common Hop</i>).....	10
IMPERIAL JAPANESE MORNING GLORY . Hha. Mixed, all colors. Very large. Height 30 ft.....	10
IPOMOEA Heavenly Blue . Hha. Light blue. Height 15 ft.....	10
Leari (<i>Blue Moon-flower</i>). P. Splendid. Height 25 ft.....	10
Mexicana grandiflora alba (<i>True White Moon-flower</i>). Hhp. Height 15 ft.....	15
KENNEDYA bimaculata grandiflora . P. Purple. Height 10 ft.....	15
KUDZU VINE (<i>Pueraria Thunbergiana</i>). 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.....	10
LATHYRUS latifolius (<i>Everlasting Pea</i>). P. Mixed, rose and white. Height 6 ft.....	05
LOASA aurantiaca (<i>the Chilean Nettle Plant</i>). Hha. Has beautiful, interesting golden yellow flowers. Must be handled with gloves, as the leaves sting. Height 6 ft.....	10
LONICERA Tatarica (<i>Tartarian Honeysuckle</i>). P. Rose. Height 6 ft.....	10
MANDEVILLEA suaveolens (<i>Chili Jasmine</i>). P. Very fragrant. White. Height 15 ft.....	10
MAURANDIA, White . Hhp. Height 8 ft.....	10
Purple . Height 8 ft.....	10
Fine Mixed . Height 8 ft.....	10
MINA lobata . Ta. Very showy; a great favorite in this section. Red, yellow and white. Height 15 ft.....	10
NASTURTIUM, Tall, Chameleon . A new variety, producing flowers of different colors on the same plant. Height 6 ft.....	10
Dark Crimson . Height 6 ft.....	05
Edward Otto . Brownish lilac. Height 6 ft.....	05
Heinemanni . Chocolate-color. Height 6 ft.....	05
King Theodore . Dark maroon, with dark leaves; extra fine. Height 6 ft.....	05
Orange . Height 6 ft.....	05
Pearl . Creamy white. Height 6 ft.....	05
Regalianum . Purplish violet. Height 6 ft.....	05
Scarlet . Height 6 ft.....	05
Vesuvius . Salmon-rose, dark-leaved; splendid. Height 6 ft.....	10



CYPRESS VINE



MINA LOBATA

FLOWER *Germain's* SEEDS

SEEDS OF CLIMBING PLANTS (Continued)

Yellow. Height 6 ft.	Pkt.
Finest Mixed. Height 6 ft.	\$0 05
PASSIFLORA coerulea. P. Blue. Height 8 ft.	10
Edulis. P. Mauve; edible fruit. Height 8 ft.	10
Passiflora rosacea. (incarnata). Tall; rose-pink	25
White. Hhp. Three-angled stem; edible. Height	10
8 ft.	10
Fine Mixed. Height 6 to 8 ft.	10
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.	10
SMILAX. P. White; very useful for festooning, etc. Height 6 ft.	10
SOLLYA heterophylla (Climbing Bluebell). Hhp. A pretty climber, with charming intense blue flowers. Height 6 ft.	15
TACSONIA. Hhp. Beautiful climber, resembling Passiflora in foliage and flowers, colors varying from pink to crimson. Very ornamental.	15
Van Volkemi. Dazzling scarlet. Height 6 ft. ..	15
Mixed. Height 6 ft.	10
THUNBERGIA alata. Hha. Free bloomer of rapid growth; flowers of white and yellow shades, with striking black centers. Mixed, white and yellow. Height 6 ft.	10
TROPAEOLUM. A. Useful climber, which may be pegged down and used for bedding purposes. May also be grown in pots for winter flowering.	10
Lobbianum, Spitfire. Vivid scarlet. Height 6 ft.	05
Finest Mixed. All colors. Height 6 ft.	05
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.	15

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.

Asta Ohn Spencer. Lavender, suffused with mauve; exquisite.	Pkt.
Countess Spencer (Orchid flowering hybrid). Gigantic flowers of perfect form with round open waved standards. Beautiful shell-pink, deepening towards the edges, but sports to various shades. Per oz. 15 cts.	\$0 10
Dainty Spencer. White edged, pink, wavy standards.	10
Dora Breadmore. Pale buff yellow, faintly tinged with delicate pink. Per oz. 20 cts.	10
E. J. Castle. A large flowering variety; color, rich carmine rose, shading to salmon in the standard	10
Florence Morse Spencer. Blush white, edged pink, wavy standard.	10
Frank Dolby. Color lavender blue, wavy standard; the largest of the lavenders. Per oz. 20 cts.	10
Gladys Unwyn. Clear light pink. A very large flower of open form with wavy standard. Per oz. 15 cts.	10
Helen Lewis. In shape like the above, standard orange, wings rosy orange. Per oz. 15 cts.	10
Helen Pierce. Mottled and veined bright blue on pure white. Per oz. 15 cts.	10
Henry Eckford. Intense bright orange, wings shading to deeper rose-orange color. Per oz. 20 cts.	10
King Edward Spencer. Beautiful crimson scarlet.	10
Mrs. Alfred Watkins. Beautiful pale pink, large size, with bold wavy standards. Per oz. 20 cts.	10
Nora Unwyn. The largest pure white flowers of fine form. Per oz. 20 cts.	10
Princess Alice Spencer. Lavender.	10
Queen Alexandra. The finest bright scarlet large flower. Per oz. 15 cts.	10
White Spencer. Best pure white wavy standard.	10
White Wonder. Double White; extra fine. Per oz. 15 cts.	10
Sunset Collection. Seven Orchid flowering varieties as per cover.	Price
New and Orchid flowering varieties, mixed. Oz., 15c	10

CHRISTMAS VARIETIES

Blanche Ferry. Extra early. Pink and white. Per oz. 10c	Pkt.
Christmas Pink. Per oz. 25c.	05
Christmas White. Per oz. 25c.	10
Earliest of all Selected. Pink and white. Per oz. 10c	10
Mont Blanc. Pure white. Very large. Per oz. 10	05

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 Tennant.** 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 Friar.** Beautiful watered purple on white ground.
- Janet Scott.** Bright pink. Wings rose pink.
- Hon. Mrs. E. Kenyon.** A fine large clear primrose-yellow.
- Hon. F. Bouverie.** Standard coral pink wings flesh pink.
- Juanita.** White striped lavender and mauve.
- King Edward VII.** Bright crimson; very large flowers. Best red.
- Lady Grisel Hamilton.** Delicate silvery lavender.
- Lottie Eckford.** White, suffused and edged with lavender.

FLOWER *Germain's* SEEDS

SWEET PEAS (Continued)

- Lottie Hutchins.** Penciled and clouded pink on straw-yellow.
- Lovely.** Shell-pink; extra large; very fine.
- Maid of Honor.** White and lavender, edged blue.
- Miss Willmott.** Bright orange-pink veined with a deeper tint.
- Modesty.** A very soft and delicate pale pink.
- Navy Blue.** Deep blue; extra fine.
- Othello.** Deep maroon; very large and of the finest type.
- Prima Donna.** Soft rose-pink; extra fine.
- Ramona.** White striped and splashed with delicate pink.
- Royal Rose.** Deep rose, shaded light pink.
- Sadie Burpee** (black-seeded). White, 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. 50 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts. The whole collection of 35 varieties, 1 pkt. of each, postpaid for \$1.25.
- California Large-flowering Mixed.** From 20 named varieties. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.
- Germain's Special Light Mixture.** Including only light and bright colors. Same price as above.
- Double Mixed.** A new class of Sweet Peas. Pkt. 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.
- Foreatton.** Rich deep maroon.
- Countess of Radnor.** Delicate lavender; large extra fine.
- Firefly.** Dazzling scarlet; free bloomer.
- Pink.** Standard bright rose-pink, wings white or light pink.
- Primrose.** Pale primrose or creamy white.
- White.** Pure white; very fine.
- The above varieties, mixed or separate, pkt. 5 cts., oz. 15 cts. The collection of 8 varieties, 1 pkt. of each, postpaid for 35 cts.

ORNAMENTAL GRASSES

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

	Pkt.
AGROSTIS nebulosa. A. Very graceful and fine for vases or bouquets. Height 1 ft.	\$0 10
Pulchella. A. Very graceful and fine for vases and bouquets. Height 1 ft.	10
AVENA sterilis (Animated Oats). A. Singular and curious. Height 3 ft.	05
BRIZA maxima. A. Large. Height 1½ ft.	05
Gracilis (Quaking Grass). A. Slender; fine for bouquets. Height 1 ft.	05
ERAGROSTIS elegans (Love Grass). A. Has beautiful, dancing spikelets; good for bouquets. Height 1 ft.	05
EULALIA Japonica (Japan Plume Grass). P. Very effective in groups. Height 6 ft.	10
FESTUCA glauca. P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ½ ft.	10
Procumbens. P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ¼ ft.	10
ISOLEPIS gracilis. P. Very pretty rush-like grass for hanging baskets and pot culture. Height 1 ft.	10
LAGURUS ovatus (Hare's Tail Grass). A. Fine for bouquets. Height 2 ft.	05
LASIAGROSTIS argentea. P. Very graceful and fine for bouquets. Height 3 ft.	10
STIPA pennata (Feather Grass). P. Universally admired in bouquets. Height 2 ft.	10
TRICHOLAENA rosea. P. Very pretty, with rose-colored panicles. Height 3 ft.	10
UNIOLA latifolia (Sea Oats). P. Very ornamental. Height 4 ft.	10
ZEA Japonica tol. variegata. (Striped Japanese Maize). Hha. Very ornamental. Height 4 ft.	05

PERENNIALS

	Pkt.
ALYSSUM saxatile. B. Fine for borders or rock-work. Beautiful yellow. Height ¾ ft.	\$0 05
ANCHUSA Capensis (Cape Alkanet). B. Azure-blue, free-blooming biennial. Height 1½ ft.	05
ANEMONE coronaria (See cut, page 44; Windflower). Beautiful, early spring-flowering plants. Mixed. Height ½ ft.	10
ANTIRRHINUM (Snapdragon). B. Hardy perennials, flowering the first year, unsurpassed for borders.	
Majus. Tall, mixed. Height 2 ft.	05
Tall White. Height 2 ft.	05
Tall Yellow. Height 2 ft.	05
Tall Firefly. Brilliant scarlet. Height 2 ft.	05
Dwarf, Mixed. Height 1 ft.	05
Victoria. Pure white. Height 2 ft.	10
Tom Thumb, Mixed. Height ¾ ft.	05
AQUILEGIA (Columbine). B. Handsome, hardy perennials, indispensable as decorative border plants.	
Chrysantha. Yellow. Height 2 ft.	10
Double Mixed Hybrids. Very fine. Height 2 ft.	10
Single Mixed. Height 2 ft.	05
Coerulea (Colorado State Flower).	15
ARABIS alpina (Rock Cress). Useful for rock-work. White. Height ½ ft.	05
ARMERIA (Thrift, or Sea Pink). A very hardy plant; fine for edging.	10
ASPARAGUS Sprengeri. A fine ornamental plant for hanging baskets.	10
Plumosus. A fine pot-plant. 100 seeds 85 cts.	10
ASPERULA odorata (Woodruff). White; very fragrant. Height ½ ft.	10
ASTER (Michaelmas Daisy). Perennial varieties, finest mixed. Height 3 ft.	10
AURICULA. Finest English hybrids; from the finest collection. Fine deep colors, variously margined. Good for pot culture. Height ½ ft.	25
BEGONIA. T. Tuberos-rooted, single, splendid mixed. Height 1½ ft.	50
Semperflorens. Finest of the more hardy bedding Begonias.	25
BELLIS. The popular Double English Daisy. Very useful for edgings.	
Perennial fl. pl. Mixed double; fine. Height ¼ ft.	10
Longfellow. Large, double rose. Height ¼ ft.	10
Quilled. Double mixed, fine. Height ¼ ft.	15

FLOWER *Germain's* SEEDS

PERENNIALS (Continued)



ANEMONE CORONARIA



BELLIS PERENNIS



GAILLARDIA LORENTZIANA

	Pkt.
Snowball. Double white. Height ¼ ft.....	\$0 10
Double Red. Height ¼ ft.....	10
CACTUS. Saved from the best and most distinct species. Finest mixed. Height ½ to 4 ft.....	15
CAMPANULA (Bellflower). Hardy plant; well suited for mixed borders.	
Carpatica. Blue. Height ½ ft.....	\$0 05
Pyramidalis. Blue. Height 3 ft.....	05
(See also Canterbury Bells.)	
CANNA. Handsome plant for lawn decorations and for backgrounds. Soak seed in tepid water twenty-four hours before sowing.	
New French Hybrids. Mixed. Height 4 ft.....	10
CANTERBURY BELLS. B. Very handsome border perennials of great utility, and deservedly popular favorites. They are called "Hose in Hose," or "Cup and Saucer" Canterbury Bells.	
Single. Blue, white, rose and mixed. Height 2 ft.....	05
Double. Blue, white, rose and mixed. Height 2 ft.....	10
Calycanthema Mixed. Height 2 ft.....	10
CARNATION. Our collection comprises the most richly scented and beautifully marked varieties.	
Finest German Mixed. Height 1½ ft.....	25
Redondo Mixed. Height 1½ ft.....	15
Perpetual, or Tree. Very fine 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 2 ft.....	25
Grenadin. Early dwarf, red. Height ½ ft.....	10
Marguerite Mixed. Will commence flowering within four months from the time of coming up. Height 1½ ft.....	10
Marguerite, Snowflake. Pure white. Height 1½ ft.....	10
CENTAUREA (Dusty Miller). Fine plants for ribbon beds or borders.	
Candidissima. White foliage. Height 1 ft.....	10
Gymnocarpa. Height 1 ft.....	10
CERASTIUM tomentosum (Jerusalem Star). White leaves; trailer; useful for edging and rock-work.....	15
CHRYSANTHEMUM 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 2 ft.....	10
Indicum (Chinese). Mixed. Height 3 ft.....	10
Nanum (Pom-pone). Mixed. Height 2 ft.....	10
Japonicum (Japanese). Mixed. Height 3 ft.....	10
The last three kinds are the Chinese and Japanese varieties, so extensively grown and used during the fall months.	
CINERARIA maritima candidissima. Silvery foliage, very useful for ribbon beds and borders. Height 1 ft.....	10
CLIANTHUS Dampieri (the Australian 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-leaved. Very fine. Height 2 ft.....	25
Finest Mixed. Height 2 ft.....	15
CONVOLVULUS Mauritanicus. Hardy perennial for hanging-baskets with flowers of bright metallic luster. Lavender, trailer.....	10
COREOPSIS lanceolata (See page 46). B. A beautiful plant, with lance-shaped leaves and showy bright flowers 2 or 3 inches in diameter. Yellow. Height 2 ft.....	10
CUPHEA platycentra (the Cigar Plant). Pretty tubular flowers. Scarlet and black. Height 2 ft.....	10
CYCLAMEN. Hh. Charming winter-flowering house plants. Our seed is the finest strain.	
Persicum. Bulb. Fine mixed, white and pink. Height ½ ft.....	25
Persicum giganteum. Bulb. Fine mixed, white and pink. Height ¾ ft.....	25
DAISY. See Chrysanthemum.	
DAHLIA. Hh. Large-flowered, double, best quality mixed. Height 5 ft.....	15
Cactus. Mixed colors. Height 5 ft.....	15
Pom-pone. Small bouquet, mixed. Height 4 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 (Bee Larkspur). Mixed. Height 3 ft.....	05
Formosum. Bright blue. Height 4 ft.....	10
Hybridum. Double, extra choice mixed. Height 3 ft.....	15
Perennial Larkspur. Fine border plants of brilliant colors.	
DIANTHUS Chinensis (China Pinks). B. Very free-flowering and showy.	
Double Mixed. Height 1 ft.....	10
Heddewigii, Fine Mixed. Height 1 ft.....	10
Heddewigii, Crimson Bell. Dark crimson. Height 1 ft.....	10
Heddewigii, Queen of Holland. White. Height 1 ft.....	10
Heddewigii nobilis (Royal Pinks). Flowers 3 to 4 inches in diameter, petals frilled and fringed; colors vary from bright blood-red to carmine, pink and white. Height 1 ft.....	10
Diadematus. (Double Diadem Pink). Height 1 ft.....	10
Diadematus albus (White Diadem Pink). Height 1 ft.....	10
Laciniatus, Single Mixed. Height 1 ft.....	10
Laciniatus, Double Mixed. Height 1 ft.....	10
Imperialis (Double Imperial Pink). Mixed. Height 1 ft.....	10
Hybridus. Double mixed. Height 1 ft.....	10
DIGITALIS gloxinoides (Foxglove). Bears fine spikes of variously spotted and blotched flowers for borders and shrubbery. Fine mixed. Height 3 ft.....	05

FLOWER *Germain's* SEEDS

PERENNIALS (Continued)

	Pkt. \$0 10
DODECATHEON <i>Meadia</i> (American Cowslip). Lilac. Fine for rock-work, etc. Height ½ ft.	10
ERPETION reniforme (<i>Viola hederacea</i> ; Australian Pansy). A pretty tufted plant with kidney-shaped leaves and blue flowers; rare and curious. Height ½ ft.	25
ERYTHRINA Crista-Galli (Coral Tree). Dark red. A handsome decorative plant for shrubbery, etc. Height 6 ft.	15
EVENING PRIMROSE . Yellow. Very showy for mixed borders and shrubbery, etc. Height 3 ft.	05
FERNS . All species mixed; saved from the choicest varieties. Height ½ to 2 ft.	15
FORGET-ME-NOT . See <i>Myosotis</i> .	
FRAXINELLA (Burning Bush). Red; handsome. The seed is slow to germinate. Height 2 ft.	10
FREESIA refracta alba . B. Well-known bulbous plants, blooming in one year from seed. White. Height ¾ ft.	10
FRENCH HONEYSUCKLE (<i>Hedysarum coronarium</i>). Red and white mixed. Hardy, profuse-blooming. Succeeds well near the seaside. Not to be confounded with the climbing Honeysuckle, as it is quite a distinct species. Height 3 ft.	05
FUCHSIA . Hh. Favorite flowering shrubs. Seeds from the finest named varieties.	
<i>Hybrida</i> . Single, finest mixed. Height 3 ft.	25
<i>Double</i> . Finest mixed. Height 3 ft.	25
GAILLARDIA (Blanket Flower). B. Very showy border plant.	
<i>Picta</i> . Red and yellow. Height 1½ ft.	05
<i>Lorenziana</i> . Double, mixed colors. Height 1½ ft.	05
<i>Grandiflora</i> . Splendid mixed. Height 1½ ft.	10
<i>Grandiflora maxima</i> . Golden yellow. Height 2 ft.	10
GENTIANA acaulis . An alpine plant of great beauty; fine for borders and rock-work; intense blue. Height ¼ ft.	10
GERANIUM . B. Seed saved from best varieties of all kinds.	
<i>Apple-scented</i> . Very fragrant. Height 1½ ft.	15
<i>Zonale, Single</i> . Finest mixed. Height 5 to 6 ft.	10
<i>Zonale, Double</i> . Finest mixed. Height 3 ft.	25
<i>Ivy-leaved</i> . Trailer. Finest mixed.	15
<i>Tricolor</i> . Gold and bronze leaves. Height 2 ft.	25
See <i>Pelargonium</i> for show varieties.	
GERBERA JAMESONI (Transvaal Daisy). The Scarlet Daisy of South Africa.	50
GEUM coccineum (Scarlet Avens). A Chilian plant of great beauty; very useful in mixed borders. Scarlet. Height 2 ft.	10
GLOXINIA hybrida . T. A beautiful greenhouse perennial bulb. Seed saved from the finest erect and drooping varieties. Finest mixed. Height 1 ft.	25
GOLDENROD . See <i>Solidago</i> .	
GYPSOPHILA paniculata . B. Very graceful, flowering in panicles, and excellent for cut-flowers. White. Height 1½ ft. See also Annuals.	05
HELIOTROPIUM (Cherry Pie). B. Deliciously fragrant, also fine for pot culture. Finest mixed. Height 6 ft.	10
HEUCHERA . B. Allied to the Saxifragas; very graceful; valuable for cut-flowers.	
<i>Sanguinea</i> . Crimson. Height 1 ft.	15
<i>Alba</i> . White. Height 1 ft.	15
HIBISCUS . Well-known showy perennial shrubs with brilliant flowers.	
<i>Coccineus</i> . Scarlet. Height 5 ft.	10
<i>Roseus grandiflorus</i> . Pink. Height 4 ft.	10
HOLLYHOCK . Favorite hardy perennials. Will flower the first season if sown early.	
<i>German Finest Double Mixed</i> . Height 5 ft.	10
<i>German Finest Double Yellow</i> . Height 5 ft.	10
<i>German Finest Double White</i> . Height 5 ft.	10
<i>German Finest Double Crimson</i> . Height 5 ft.	10
<i>German Finest Double Pink</i> . Height 5 ft.	10
<i>Chater's Superb Double Mixed English</i> . Height 5 ft.	10
<i>Allegheny</i> . Semi-double, fringed, mixed. Height 5 ft.	10
HONESTY . B. Interesting in a dried state, the membranous lining of the seed-pod making a handsome ornament for winter bouquets. Purple. A biennial. Height 1½ ft.	10
HUNNEMANNIA fumariifolia . A showy plant belonging to the Poppy family. Yellow. Height 2 ft.	10
HYACINTHUS candicans . A bulbous plant, throwing up a spike bearing 20 to 30 yucca-like flowers; pure white and fragrant. Height 3 ft.	10
IPOMOPSIS (Texas Plumes). Showy scarlet and gold pyramidal blossoms and feathery foliage. Fine mixed. Biennial. Height 3 ft.	10
LANTANA . B. White, rose and yellow particolored fragrant flowers, like the heliotrope in form. Finest mixed. Height 4 ft.	10
LAVENDER . Blue; a hardy shrub, well known and esteemed for its delicious fragrance. Height 3 ft.	05
LINARIA Cymbalaria (Kenilworth Ivy). White and purple; very pretty for rock and hanging-baskets; trailer.	10
LOBELIA cardinalis (Cardinal Flower). A handsome border plant with bronze foliage and brilliant scarlet flowers. Height 2 ft.	10
LUPINUS . B. Mixed, all colors. Height 1 to 4 ft.	05
LYCHNIS (Jerusalem Cross). B. Favorite hardy plants for borders and shrubbery.	



MARGUERITE CARNATION



CAMPANULA (CANTERBURY BELLS)

FLOWER *Germain's* SEEDS

PERENNIALS (Continued)

- Chalcedonica.** Bright scarlet. Height 2 ft. \$0 05
- Hageana Hybrida.** Finest mixed. Height 2 ft 10
- MARVEL of Peru** (Four O'clocks). This well-known plant has few rivals for beauty, expanding in the afternoons and continuing open all night. Finest mixed. Height 2 ft. 05
- MATRICARIA eximia** (Feverfew). B. Double white, very handsome, showy flowers continuing a long time in bloom. Height 2 ft. 05
- MIMULUS.** Brilliant perennials, flowering the first season if sown early, also suitable for pot-culture.
- Cardinalis** (Scarlet Monkey Flower). Dark red. Height 1½ ft. Pkt. 10 cts.
- Tigrinus grandiflorus.** Finest mixed, spotted and tigered 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.
- Alpestris.** Light blue. Height ½ ft. Pkt. 10 cts.
- Dissitiflora.** Brilliant blue, earliest flowering. Height ½ ft. Pkt. 15 cts.
- Palustris semperflorens.** Bright blue. Height 1 ft. Pkt. 10 cts.
- NIEREMBERGIA gracilis.** Silvery lavender. Excellent for hanging-baskets, edgings, etc. Height 1 ft. Pkt. 10 cts.
- DENOTHERA Lamareckiana.** 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 rock-work.
- Rosea.** Pink. Height ½ ft. Pkt. 10 cts.
- Tropaeoloides.** Yellow. Height ¼ 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.
- Cassier's.** Very large-flowered, finest mixed. Height ½ ft. Pkt. 25 cts.
- English Mixed.** Extra select, very large and velvety. Height ½ ft. Pkt. 15 cts.
- Giant Trimardeau.** Mixed, very large and of vigorous growth. Height ¾ ft. Pkt. 25 cts.
- Giant Trimardeau Parsian Large Stained.** New class, large-flowered. Height ¾ ft. Pkt. 25 cts.
- Odier's Five-Blotched.** Very fine, with a black blotch on each petal. Height ½ ft. Pkt. 25 cts.



SHASTA DAISY



COREOPSIS LANCEOLATA

- Scotch Prize.** From extra selected prize flowers. Height ½ ft. \$0 50
- Germain's Best Prize Mixture** of all the best strains. Height ½ ft. 25
- Common Bedding Mixture** 05
- Azure Blue.** Height ½ ft. 10
- Emperor William.** Ultramarine blue. Height ½ ft. 10
- Faust, or King of the Blacks.** Coal-black. Height ½ ft. 10

- 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.
- Striped and Variegated Varieties.** 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. 10 cts.
- Fine Mixed.** Height ½ ft. Pkt. 10 cts.
- PELAGARGONIUM** (Lady Washington Geranium). B. Favorite bedding and greenhouse plants, with brilliant flowers. Seeds saved only from the finest sorts. Fancy, best and richest colors mixed. Height 3 ft. Pkt. 25 cts.
- Large-flowered.** Richest colors, mixed. Height 3 ft. Pkt. 15 cts.
- PENTSTEMON.** B. Fine herbaceous perennials, 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. Ht. 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. 50 cts.
- Double, Extra-Fine Mixed.** Height 1 ft. Pkt. 25 cts.

FLOWER *Germain's* SEEDS

PERENNIALS (Continued)

PHLOX, Perennial. B. A very showy, handsome plant. Finest mixed. Height 2 ft. Pkt. 10 cts.

PHYSALIS Francheti (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.

PICOTEE 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 varieties, mixed. Height 1 ft. Pkt. 10 cts.

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

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

POLYANTHUS. Charming early-flowering plants, beautifully laced and edged.

Finest Gold-laced Varieties. Ht. ½ ft. Pkt. 25 cts.

Choice Mixed. Height ½ 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 4 ft. Pkt. 10 cts.

Papaver bracteatum. Scarlet. Ht. 3 ft. Pkt. 10 cts.

Iceland (Papaver nudicaule, Yellow. Height 1¼ ft. Pkt. 10 cts.

Iceland, Orange. Height 1¼ ft. Pkt. 10 cts.

Iceland, Mixed. Height 1¼ ft. Pkt. 10 cts.

PRIMROSE. An old-fashioned garden-favorite. True English yellow. Height ½ ft. Pkt. 15 cts.

PRIMULA Sinensis. T. Fine pot-plants for winter and spring flowering; for indoor culture.

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

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

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

Obconica. T. Light mauve. Ht. ½ ft. Pkt. 15 cts.

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

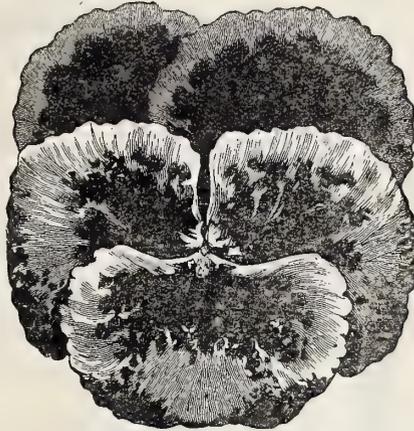
Roseum hybridum. Single. Finest mixed. Height 2 ft. Pkt. 10 cts.

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

Parthenifolium 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.

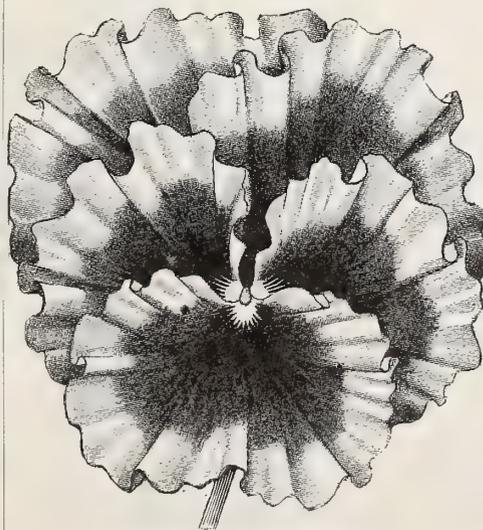
ROMNEYA Coulteri (Matilija Poppy). A noble plant. White, with yellow center. Height 6 to 10 ft. Pkt. 10 cts.



SCOTCH PRIZE PANSY



SINGLE FRINGED PETUNIA



PANSY MASTERPIECE

ROSE CAMPION (*Agrostemma coronaria*). Crimson flowers; silvery foliage. Height 1½ ft. Pkt. 5 cts.

ROCKET, Sweet (Dame's Violet). Valuable for borders, free-blooming and sweet-scented. Fine mixed. Height 1½ ft. Pkt. 5 cts.

RUDBECKIA bicolor superba semi-plena. Semi-double - flowering. Fine for cutting. Height 2 ft. Pkt. 10 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.

Patens. Hh. Sky-blue. Height 2 ft. Pkt. 15 cts.

Splendens. Hh. Dazzling scarlet. Height 3 ft. Pkt. 10 cts.

SANTOLINA Chamæparissus (Lavender Cotton). A silvery-leaved plant, useful for edging. Height 2 ft. 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. 15 cts.

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

SOLIDAGO Canadensis (Goldenrod). Height 2 to 3 ft. Pkt. 10 cts.

SOLANUM, Weatherill's Hybrids. Hh. Decorative species for pot culture, bearing orange-colored berries. Mixed. Height 1 ft. Pkt. 10 cts.

STATICE latifolia (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; very graceful and excellent for cutting purposes. White. Height 1½ ft. Pkt. 10 cts.

STOCKS (Biennial and Perennial). B. (For Ten-weeks Stocks, see Annuals). All these Stocks 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.

Intermediate East Lothian. Crimson purple and white. Height 2 ft. Pkt. 15 cts.

Finest Mixed. Height 2 ft. Pkt. 10 cts.

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

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

Emperor. Very fine mixed. Height 2½ ft. Pkt. 15 cts.

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

Hunt's Auricula-flowered Perfection. Single mixed: Height 1½ ft. Pkt. 10 cts.

Single. Pure white. Height 1½ ft. Pkt. 10 cts.

Single. Finest mixed. Height 1½ ft. Pkt. 5 cts.

PERENNIALS (Continued)



PERENNIAL HYBRID POPPY, MIXED

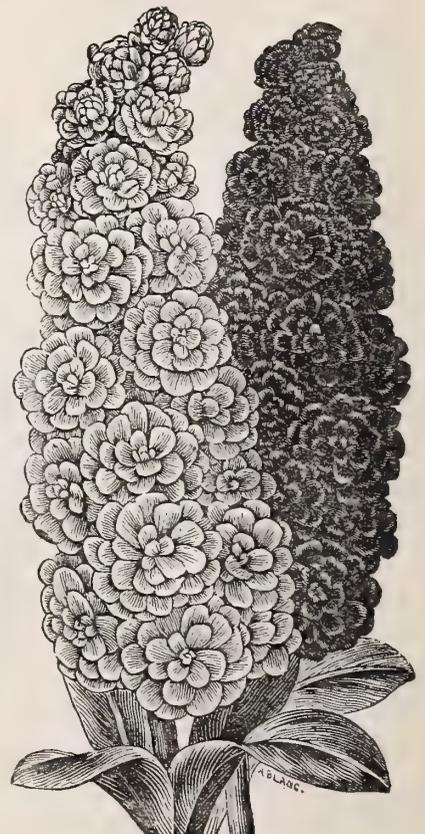
	Pkt.
SWEET WILLIAMS—Continued.	
Double. Finest mixed. Height 1½ ft.....	\$0 10
VERBENA. B. A well-known favorite bedding plant. The Lemon Verbena is a shrubby perennial in our mild climate.	
Auricula-flowered Mixed. With white centers; trailer.....	10
Purple. Trailer.....	10
Italian Striped. Finely striped and mottled; trailer.....	10
Large White. Trailer.....	10
Scarlet. Trailer.....	10
Mammoth Mixed. Trailer.....	15
Pink. Trailer.....	10
Fine Mixed. Trailer.....	05
Lemon-scented (Aloysia citriodora). Lavender. Height 8 to 10 ft.	15
VINCA rosea (Madagascar Periwinkle). Red. Height 2 ft.....	10
Alba. White, with red eye. Height 2 ft.....	10
Mixed. Height 2 ft.....	10
VIOLA. B. With the exception of <i>Viola cornuta</i> , these favorites are too well known to need comment. <i>V. cornuta</i> resembles the Pansies, and is admirably adapted for bedding purposes.	
Mixed. Height ½ ft.....	10
Odorata (Sweet Violet). Height ¼ ft.....	10
Odorata, White. Height ¼ ft.....	10
Prince of Wales. Very large. Height ¼ ft.....	10
WALLFLOWER. B. Well-known fragrant plant. Single mixed. Height 2 ft.....	05
Blood-red. Height 1 ft.....	10
Belvoir Castle. Dwarf yellow. Height ¾ ft.....	10
Harbinger. Rich blood-red. Height 1 ft.....	10
Double German Mixed. Height 2 ft.....	15
WIGANDIA Caracasana. Plants remarkable for the large size of their leaves; much prized as single specimens for lawns and sub-tropical gardening. Violet. Height 8 to 10 ft.....	15

California Native Flower Seeds

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

	Pkt.
BRODIAEA capitata (Cluster Lily). Pretty, bulbous; flowers early in spring; deep violet to white. Height ¾ to 1 ft.....	\$0 10
DELPHINIUM cardinale (Scarlet Larkspur). Magnificent perennial; flowers intense bright scarlet. Height 3 to 5 ft.....	10
Parryi (Blue Larkspur). Beautiful annual; flowers bright blue. Height 2 ft.....	15
DICENTRA chrysantha (California Bleeding Heart). Perennial; orange-yellow. Height 3 to 5 ft.....	15
DODECATHEON Clevelandi (Shooting Star). Perennial; purple, bordered with yellow. Height ¾ ft.....	15
EMMENANTHE penduliflora (Whispering Bells). Bushy annual; small, light yellow, bell-shaped flowers. Height 1 to 1½ ft.....	15
ESCHSCHOLTZIA Californica (California Poppy). Annual; one of the most beautiful of our native flowers; a favorite. Height 1 to 1½ ft.	05
LATHYRUS splendens (Pride of California). Magnificent perennial climbing pea; produces abundant, large, rich crimson flowers in clusters of 10 or more. Height 6 to 10 ft.....	15
LAYIA calliglossa (Tidy Tips). A pretty annual; flowers yellow tipped with white; petals daisy-like, but broader, and with serrate tips. Height 6 to 12 in.....	10
Glandulosa (White Daisy). Annual flowers pure white and daisy-like, but petals broader and with serrate tips. Height 6 to 12 in.....	10
LEPTOSYNE Stillmani. A pretty annual, with compact, bushy, thin-cut leaves; flowers golden yellow, 1½ in. in diameter. Height 1 ft.....	15
NEMOPHILA insignis (Baby Blue Eyes). Annual; sky-blue flowers. Height 4 to 6 in.....	05
PHACELIA Parryi. Annual. Flowers bell-shaped, dark violet-blue. Height 6 to 12 in.....	10
PLATYSTEMON Californicus (Cream Cups). Annual; poppy-like. Height 8 to 10 in.....	05
ROMNEYA Coulteri (Matilija Poppy). The queen of all our native flowers. Perennial. Flowers pure white with golden stamens and 6 to 8 in. in diameter; flowers last well when cut. Height 6 to 10 ft.	10

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



PERENNIAL STOCK

AIDS IN THE SELECTING OF FLOWER SEEDS FOR SPECIAL PURPOSES

FLOWERS
Suitable for Cutting

Acroclinum	Lychnis
Antirrhinum	Marigold
Aquilegia	Matricaria
Aster	Mignonette
Calendula	Myosotis
Calliopsis	Nasturtium
Campanula	Pansy
Centaurea	Pea, Sweet
Carnation	Pentstemon
Chrysanthemum	Phlox
Coreopsis	Poppy
Cosmos	Pyrethrum
Dahlia	Rhodanthe
Delphinium	Rocket Sweet
Dianthus	Salpiglossis
Eschscholtzia	Scabiosa
Gaillardia	Schizanthus
Geum	Stock
Gladiolus	Sweet William
Gypsophila	" Sultan
Helianthus	Verbena
Hunnemania	Wallflower
Larkspur	Zinnia
Lupinus	

EVERLASTINGS
for Winter Bouquets

Acroclinum	Honesty
Globe Amaranth	Ornamental
Gypsophila	Grasses
" Paniculata	Rhodanthe
Helichrysum	

FOLIAGE PLANTS
Seeds

Amaranthus
Bentaurea Candidissima
Coleus
Perilla
Pyrethrum
Ricinus
Zea Japonica

SHOWY FLOWERING ANNUALS
for Beds and Massing

Ageratum	Gaillardia
Alyssum	Geranium
Antirrhinum	Lobelia Compacta
Asters	Marigolds
Balsams	Nasturtium, Dwarf
Calendula	Pansy
Calliopsis	Petunias

Candytuft	Phlox Drummondi
Carnation, Marguerite	Poppies
Celosia	Portulaca
Chrysanthemum	Salvia Splendens
(Annual)	
Convolvulus Minor	Stocks
Coreopsis Grandiflora	Verbenas
Dahlias	Vinca
Dianthus	Zinnias
Eschscholtzia	

LARGE SHOWY ANNUALS
for Backgrounds and Borders

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

HARDY FLOWERING PERENNIALS
for Permanent Beds and Borders

TALLER SORTS

Anemone	Lavender
Antirrhinum	Lobelia (Hardy Sort)
Aster	Lupinus (Perennials)
Aquilegia	Lychnis
Campanula	Pentstemon
Canterbury Bells	Phlox (Hardy)
Chrysanthemum	Poppy (Hardy)
Coreopsis	Primrose (Hardy)
Delphinium	Pyrethrum (Hardy
Digitalis	Sorts)
Gaillardia	Sweet Rocket
Geum	Scabiosa
Gypsophila	Wallflower
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
	Violet

FLOWERS FOR EDGING WALKS, ETC.

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

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 PARTLY SHADY PLACES

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

CLIMBING PLANTS
Seeds

Abobra
Ampelopsis
Aristolochia
Balloon Vine
Bignonia
Calampelis
Canary Vine
Clematis
Coboea
Convolvulus
Cypress Vine
Dolichos
Gourds, Ornamental
Humulus, Hop
Humulus, Japanese
Ipomoea
Kudzu Vine
Maurandia
Mina lobata
Momordica
Moonflower
Nasturtium, Tall
Passion Vine
Smilax
Solanum
Thunbergia
Tropaeolum
Wistaria

TREE AND SHRUB SEED

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

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

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

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

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

AUSTRALIAN TREE AND SHRUB SEEDS

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

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

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

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

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

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

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

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

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

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

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

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

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

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



ACACIA DECURRENS

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

CASUARINA quadrivalvis (Coast She-Oak). Very val- uable for seacoast culture, to prevent the inroads of the sea upon sand-hills. Of quick growth. Wood valuable for shingles, etc. Height 60 ft. Oz. \$1.

Stricta (She-Oak). Is tougher than the other species; excellent wood for tool handles. Height 30 ft. Oz. \$1.

Suberosa (Erect She-Oak). A beautiful shade tree. Valuable for fuel. Height 60 ft. Oz. \$1.50.

Torulosa (Forest Oak). Wood very valuable for tim- ber; also for fuel, burning to a clear white ash and leaving no cinders. Height 75 ft. Oz. \$1.

AUSTRALIAN TREE AND SHRUB SEEDS
(Continued)

FICUS 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.



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.

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

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

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

TELOPEA speciosissima (Waratah, or Australian Tulip). One of the most gorgeous and showy shrubs yet introduced. Flowers crimson-scarlet, in large heads, which are 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.

CALYCANTHUS floridus (Carolina Allspice). Remarkable for the scent of its flowers, which resembles that of the ripe fruit. Will grow in almost any soil. Flowers brown. Height 4 ft. Oz. 20 cts., lb. \$2.

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

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

CERATONIA Siliqua (St. John's Bread). The Carob or Locust Tree of Scripture, with yellow flowers and edible saccharine pods, which are very fattening. Height 30 ft. Oz. 15 cts., lb. \$1.50.

FRAXINUS velutina (Arizona Ash). A variety largely used through the arid West as a shade and street tree, large quantities being planted in Arizona and New Mexico as street trees, which make remarkably quick growth and stand the heat and dryness well. Oz. 35 cts.

GLEDITSCHIA triacanthos (Three-thorned or Honey Locust). Hardy and of rapid growth. Will form an impenetrable hedge. Seeds should be soaked in boiling water before sowing. Height 60 ft. Oz. 10 cts., lb. 60 cts.

MACLURA aurantiaca (Osage Orange). A well-known hedge plant. Height 40 ft. Oz. 10 cts., lb. \$1.

MELIA Azederach speciosa (True Texas Umbrella Tree). Of very rapid growth, with long pinnate leaves and wood of a reddish color, resembling the ash; durable and makes excellent fuel. Thrives in dry soils. Valuable for avenue planting. Height 40 ft. Oz. 10 cts., lb. 75 cts.

PAULOWNIA imperialis (Empress Tree). Very rapid-growing when young. It afterwards forms a broad flat head. Flowers violet, trumpet-shaped and fragrant. Height 30 ft. Oz. 30 cts., lb. \$3.

PRUNUS serotina (Wild Black Cherry). A fine ornamental tree having the general appearance of our wild plum of California. Very hardy and a fine lawn subject. Oz. 20 cts., lb. \$2.

ROBINIA Pseudacacia (Yellow or Black Locust). Well known in this section; valuable for fuel and timber. One of the best trees with which to plant timber claims. Height 60 ft. Oz. 10 cts., lb. 75 cts.

SYRINGA vulgaris (Purple Lilac). The common variety. One of the best; flowers and young foliage fragrant. Height 15 feet. Oz. 25 cts., lb. \$2.50.

Vulgaris alba (White Lilac). One of the best white varieties. Height 15 ft. Oz. 25 cts., lb. \$2.50.

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

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.



EUCALYPTUS GLOBULUS—SECOND GROWTH

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 mesas; 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. \$8.

E. bicolor. "Black Box." Timber of great strength and durability. Useful for piles and railroad ties; height 150 ft. Per oz. \$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. \$8.

E. calophylla. 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.

FLOWER *Germain's* SEEDS

- 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. cornuta.** "Yate Tree." A rapid 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 under ground. The numerous gum veins render it of little use for saw purposes; height 100 ft. Per oz. \$1.
- E. corynocalyx.** "Sugar Gum." Very ornamental, rapid 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. \$9.



EUCALYPTUS AS A WOOD-PRODUCING PROPOSITION

- E. crebra.** "Narrow-leaved Iron-bark." Wood reddish, heavy, elastic and durable, is ant and 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, spokes, fence rails, etc. Not recommended for dry localities or places; height 300 ft. Per oz. \$2, lb. \$16.
- E. ficifolia.** "Scarlet-flowered Gum." The most ornamental of the family. Flowers bright crimson, produced well above the foliage. One of the most effective trees in cultivation; height 20 ft. Per 25 seeds 25 cts., 100 seeds 85 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 malaria-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. \$5.
- E. goniocalyx.** "New South Wales Blue Gum." Wood very durable, hard and tough. Much used in its native country by wheelwrights. A rapid grower; height 200 ft. Per oz. \$1.
- E. Gunnii.** "Tasmanian Cider Tree." Probably the hardest of the genus. Will stand a considerable amount of

- frost. Recommended for all elevated and exposed positions. Good for fuel; height 80 ft. Per oz. \$1, lb. \$10.
- E. haemastoma.** "White Gum." Good for fencing and rough building material; also makes a fair fuel. It thrives near the sea coast on sandy soil, but 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, hot valleys of the interior. 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. 75 cts.
- E. leucoxylon.** "Victorian Ironbark." Very hard, strong, durable, excels hickory in strength. Recommended for underground work in mines, for railroad ties, bridges, etc.; height 100 ft. Per oz. \$1.
- E. longifolia.** "Woolly Butt." A large tree, of great girth, growing well in any soil. Timber is durable and makes excellent fuel. The leaves yield a volatile oil 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, with a comparatively stout stem, and makes good fuel. The young trees are largely used for telegraph poles, and the flowers are much sought by bees. One of the strongest and most durable timbers in the world; height 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, railway ties, posts, and on account of the color and markings of the wood it is very extensively used for cabinet work; height 80 ft. Per oz. 75 cts.
- E. obliqua.** "Stringy Bark." A quick grower at or near the coast and some distance inland, but does not thrive in the hot interior valleys. It produces the best wood for flooring, scantling and shingles; also used in the manufacture of paper. Inferior as fuel, but makes the best charcoal for the forge; height 300 ft. Per oz. 75 cts.
- E. obtusifolia.** "Yellow Black Butt." A rapid growing variety, very good fuel. Also used for staves, coopers' 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 fencing. It splits well and is lasting underground; ht. 100 ft. Per oz. 75 cts.

- E. pilularis.** "Black Butt." Of rapid growth. One of the best timber-yielding species, much used for flooring boards, railroad ties and telegraph poles; height 300 ft. Per oz. \$1.
- E. piperita.** "Peppermint Gum." Valuable for shingles, fence rails, etc. Yields a great quantity of oil, and is of remarkably quick growth; height 300 ft. Per oz. \$1, lb. \$10.
- E. polyanthema.** "Australian Beech, or Red Box." Much used for mining purposes, and underground work. Also an excellent fuel. Flowers good for bees. Thrives in temperate and cold climates; succeeds in dry hilly country; height 150 ft. Per oz. 75 cts., lb. \$9.
- E. regnans.** "Royal Mountain Ash." A very scarce variety, growing to a large size, and very hardy. Grows on the hill slopes of the Australian Alps, near the snow line. Timber durable and excellent for fuel; height 200 ft. Per oz. \$1.25.
- E. resinifera.** "Forest Mahogany." A superior timber of large size, prized for its strength and durability. Suitable for tropical climates, likewise cool climates near the coast. Fine for interior house work; height 100 ft. Per oz. \$1.
- E. robusta.** "Swamp Mahogany." Thrives best on low grounds, especially near the sea coast. A remarkably healthy, robust variety; height 100 ft. Per oz. 75 cts., lb. \$8.

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, shipbuilding, cabinet work, etc.; height 200 ft. Oz. 50 cts., lb. \$5.
E. rudis. "Desert Gum." A valuable variety for arid regions, withstanding heat, cold and winds, unsurpassed by any other variety; height 100 ft. Per oz. \$1., lb. \$10.

E. saligna. "Weeping Gum." Very ornamental. Leaves and general habit are like the "Babylonian Willow." Prefers rich alluvial soil. Good for fuel; height 75 ft. Per oz. \$1.

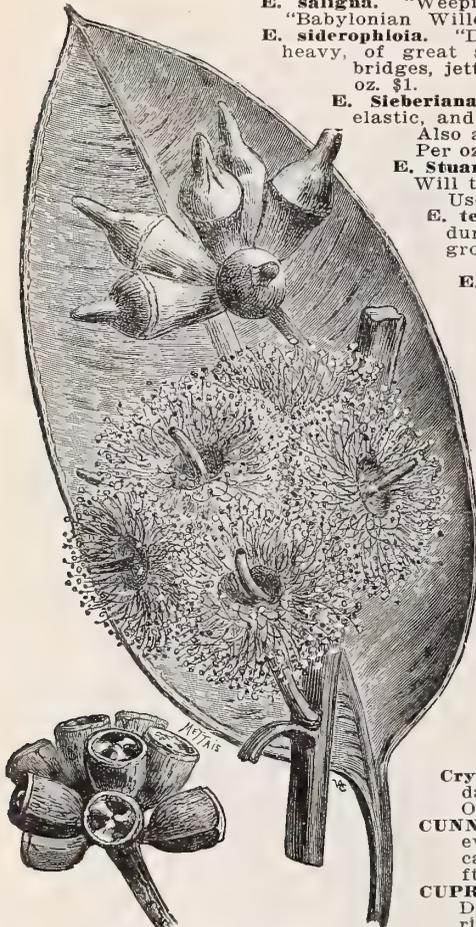
E. siderophloia. "Dark or Broad-Leaved Ironbark." Wood very hard, light colored and heavy, of great strength and durability, and is used for railroad ties, spokes, shingles, bridges, jetties, etc. It is stronger than hickory. Also used for fuel; height 150 ft. Per oz. \$1.

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. Also a most excellent fuel. Grows on mountain tops and stony ridges; ht. 150 ft. Per oz. \$1, lb. \$12.

E. Stuartiana. "Apple-Scented Gum." A medium-sized tree with drooping branches. Will thrive on any soil. Wood very dark and handsome and takes a good polish. Useful for cabinet work; also good for fuel; ht. 100 ft. Per oz. \$1.

E. tereticornis. "Gray Gum." A very handsome, large-growing variety. Wood durable and useful for shingles, flooring, etc. Also an excellent fuel. It grows best near the coast. It is similar to *E. rostrata*, but makes a straighter trunk; ht. 200 ft. Per oz. 75 cts., lb. \$10.

E. viminalis. "Manna Gum." A hardy, rapid-growing variety, and well suited for exposed situations. On rich soils it grows to a gigantic size. It is mostly planted for forest cover, 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; ht. 300 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. we 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. 8 ft. Oz. 20 cts., lb. \$2.

CAMPHORA officinalis (Camphor Tree). 50 ft. Oz. 25 cts., lb. \$2.50.

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

Libani (Cedar of Lebanon). Beautiful for lawn. 80 ft. Oz. 50 cts., lb. \$5.

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

CRYPTOMERIA elegans (Fine-leaved Japan Cedar). Foliage glaucous green. 50 ft. Oz. 50c.

Cryptomeria Japonica (Japan Cedar). Splendid on lawns. 75 ft. Oz. 30 cts., lb. \$3.

CUNNINGHAMIA Sinensis. A lofty evergreen resembling the Araucaria, but more feathery. 100 ft. Oz. \$2.50.

CUPRESSUS Goveniana (Goven's Dwarf Cypress). A native variety. Very ornamental. 30 ft. Oz. 40 cts., lb. \$4.

EUCALYPTUS ROBUSTA
Guadalupensis (Blue Cypress). A rapid-growing variety, ornamental for lawns and cemeteries. 50 ft. Oz. 50 cts., lb. \$5.

Macrocarpa (Monterey Cypress). Useful for hedges, wind-breaks, etc. 50 ft. Oz. 20 cts., lb. \$2.

Cupressus Lawsoniana (Lawson's Cypress). A native variety found in northern California and Oregon. Wood white, fragrant and close-grained. Generally known as Oregon or White Cedar. Height 100 ft. Oz. 40 cts., lb. \$4.

Sempervirens (Italian Cypress). A European variety, very long-lived, the wood of which is almost imperishable. Height 70 ft. Oz. 30 cts., lb. \$3.

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

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

HAKEA saligna. A splendid ornamental evergreen shrub-like tree, growing some 12 to 20 feet high, with a broad, dense growth. Having the appearance somewhat of a sheared Juniper, but of a very bushy habit; of very light green color. Pkt. 25 cts.

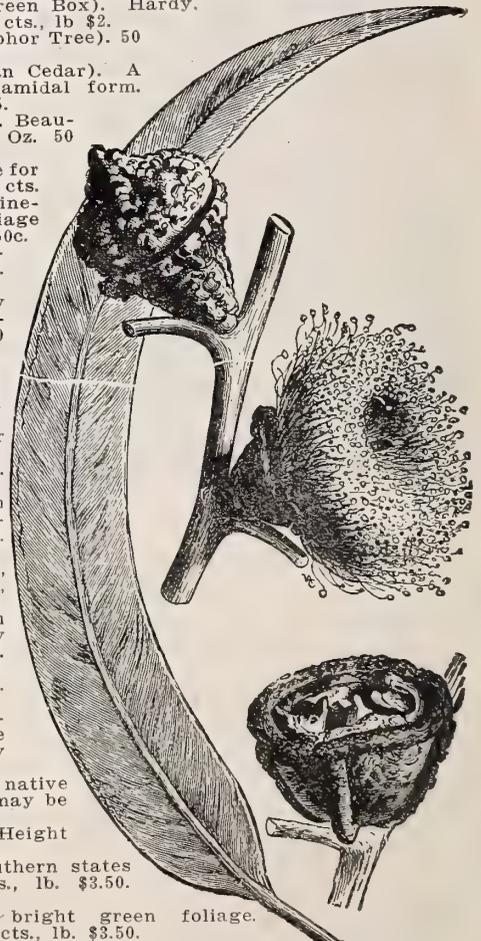
LIBOCEDRUS decurrens (California Red Cedar). A very handsome tree, native to the coast range from San Diego to Oregon. Some fine specimens may be seen in Santa Barbara. Height 100 ft. Oz. 40 cts., lb. \$4.

LIGUSTRUM Japonicum (Japan Privet). One of the best hedge plants. Height 12 ft. Oz. 15 cts., lb. \$1.50.

MAGNOLIA grandiflora (Large-flowering Magnolia). A native of the southern states where its presence indicates good soil. Height 100 ft. Oz. 35 cts., lb. \$3.50. (Seed furnished only during the fall and winter).

PINUS Canariensis (Canary Island Pine). Very robust and healthy, with bright green foliage. Grows nearly as fast as the Monterey Pine. Height 100 ft. Oz. 35 cts., lb. \$3.50.

Coulteri (Macrocarpa; Big Cone Pine). A fine native tree, of very robust growth, with bluish gray leaves a foot in length. Has the largest cone of all pines, sugar-loaf shaped and edible. Height 100 ft. Oz. 40 cts., lb. \$4.



EUCALYPTUS GLOBULUS

FLOWER *Germain's* SEEDS

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 150 ft. Oz. 35 cts., lb. \$3.50.
- Insignis** (Monterey Pine). This well-known native variety is of very rapid growth, and succeeds well in any kind of soil. Height 100 ft. Oz. 35 cts., lb. \$3.50.
- Maritima** (Seaside Pine). Well adapted for planting near the sea. Height 60 ft. Oz. 15 cts., lb. \$1.50.
- Parr yana** (Mexican Piñon). A small-growing pine, native of Lower California mountains, growing on the desert side of the range, withstanding considerable drought; a very attractive, fine pine. Oz. 50 cts., lb. \$5.
- Ponderosa** (Yellow Pine). A native variety found in the coast range at a high altitude. An immense tree, specimens having been found 300 feet high and 15 feet in diameter. The bark is very thick and of red-brown color. Height 250 ft. Oz. 35 cts., lb. \$3.
- Strobus** (Weymouth or White Pine). A stately, straight and valuable tree. Height 100 ft. Oz. 40 cts., lb. \$4.
- Pinus Sabiniana** (Gray-leaved Pine). Found in the hot interior foothills of Southern California; low-branching habit, light gray, glaucous foliage; seeds edible and are highly esteemed by the Indians and even the whites, and are known to the natives as Piñons or Digger Pine. Oz. 30 cts., lb. \$3.
- Torreyana**. One of the most beautiful of our native Pines. A fine specimen may be seen in cultivation in the Hotel Green grounds at Pasadena. Height 50 ft. Oz. 40 cts., lb. \$4.
- POLYGAIA grandiflora**. A very desirable flowering shrub. Very free-blooming and ornamental. Pkt. 25 cts.
- PARKINSONIA Aculeata**. A tree that should receive more attention. A wonderful sight when in bloom and a grand lawn subject any time in the year; will grow without water on our driest hills and dales. Native trees. Pkt. 25 cts.
- SCHINUS Molle** (Mexican Pepper Tree). A well-known handsome shade tree, with light feathery foliage and bright scarlet berries. Height 50 ft. Oz. 10 cts., lb. \$1.

- SCIADOPITYS verticillata** (Japan Umbrella Pine). Curious and remarkable. Leaves are a dark glossy green, crowded into whorls at the joints of horizontal branches. Very ornamental. Height 60 ft. Oz. 75 cts., lb. \$7.50.
- SOLANUM erectum** (S. Betaceum; Guatamala Tree Tomato). A handsome evergreen of good form, and bearing yellow fruit the size of an egg, with a pleasant subacid flavor. Height 8 ft. Pkt. 25 cts.
- SEQUOIA gigantea** (California Big Tree). The biggest of all trees, and probably the longest-lived. Specimens are often found 400 feet high. Height 300 ft. Oz. 75 cts., lb. \$7.50.
- Sempervirens** (California Redwood). Well known. Wood reddish, soft, close veined, easily split, light and brittle, but very durable. It luxuriates in the cool dampness of sea fogs. Ornamental for lawns or parks. Height 200 ft. Oz. 50 cts., lb. \$5.
- STERCULIA plantainifolia** (China Parasol Tree). Very ornamental, with large, plane-like leaves. This makes an excellent tree for avenue or park planting. Height 40 ft. Oz. 30 cts., lb. \$3.
- THUJA aurea** (Golden Arborvitae). A dwarf Chinese variety, compact and globular in shape; top foliage yellowish green; suitable for lawns, cemeteries, etc. Height 10 ft. Oz. 30 cts., lb. \$3.
- Aurea semper-aurea** (Ever Golden Arborvitae). Dwarf habit and free growth. Retains its golden color the year round. One of the prettiest dwarf evergreens. Height 8 ft. Oz. 40 cts., lb. \$4.
- Compacta** (Compact Arborvitae). Handsome dwarf variety, compact, globular form. Height 5 ft. Oz. 35 cts., lb. \$3.50.
- Occidentalis** (American Arborvitae or White Cedar). A common and well-known tree, native of the Atlantic states. Height 50 ft. Oz. 30 cts., lb. \$3.
- Orientalis** (Chinese Arborvitae). A small, elegant tree, peculiar from its flattened branches, which are dense and light green in color. Valuable for planting on lawns. Height 10 ft. Oz. 25 cts., lb. \$2.50.
- VIBURNUM Tinus** (Laurustinus). One of the finest winter flowering shrubs, blooming abundantly during the winter. Also a valuable hedge plant. Height 8 ft. Oz. 15 cts., lb. \$1.50.

PALM AND OTHER DECORATIVE PLANT SEEDS

As many of the seeds of this class of plants are not reliable unless fresh, and as the varieties do not reach us very regularly from the collectors, we trust our customers will not feel disappointed if they do not receive all of the varieties they may order. We promise, however, to book such varieties as we cannot supply and forward

them promptly upon arrival. As it is impossible to test the vitality or genuineness of this class of seed, we cannot hold ourselves in any way responsible for the results of crop. As many varieties of palms take a long time to germinate, we advise patience and careful attention to attain successful results.

Palm Seeds

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

- ARECA**. A genus of elegant pinnate-leaved Palms, which are widely distributed over the earth, some of the species being found in the East Indies, while others occur in the West; they exist also in the Island of Mauritius and its dependencies, in the Island of Madagascar, in New Zealand and in Australia.
- Bauerii** (*Seaforthia robusta*). Not very hardy in this climate, except under glass. A native of Norfolk Island. 10 seeds 25 cts., 100 seeds \$2.
- Lutescens**. An extremely beautiful plant with arching pinnate leaves; will not stand frost. A native of the Mascareen Islands. 10 seeds 25 cts., 100 seeds \$2.
- CHAMAEROPS**. The various species of Chamaerops are found scattered through southern Asia, northern Africa, semi-tropical North America and the South of Europe. Leaves fan-shaped; fruit a one-seeded berry.
- Canariensis**. A handsome palm worthy of cultivation, either for lawn or for pot culture. 10 seeds 15 cts., 100 seeds \$1.
- Excelsa** (Hardy Fan Palm). This palm grows to the height of from 20 to 30 ft.; leaves fan-shaped; trunk enclosed by a dense mass of rough fibers. Native of the East Indies. Oz. 15 cts., lb. \$1.50.
- Humilis** (Dwarf Fan Palm). An extremely handsome plant. Very fine and well worthy of cultivation. Native of southern Europe. Oz. 20 cts., lb. \$2.



ARECA LUTESCENS

PALM SEEDS (Continued)

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.

tive of the Cape of Good Hope; hardy. 10 seeds 15 cts., 100 seeds \$1.

Rupicola. This is one of the most exquisitely graceful palms, and in elegance takes a similar place to that of *Cocos Weddelliana*. It is of acaulescent habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. Native of East Indies; hardy. 10 seeds 20 cts., 100 seeds \$2.

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

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

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

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

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.

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.

FLOWER *Germain's* SEEDS

SEEDS OF DECORATIVE PLANTS

AGAVE. Six fine varieties, viz., *Americana* fol. var. *Densiflora*, *Deserti*, *Heteracantha*, *Univittata* and *Verchaffeltii*. Each, pkt. 15 cts. The collection of six varieties for 75 cts.

DRACAENA australis (Cordylina). A palm-like tree growing to a considerable height; the stem is stout; leaves from 2 to 3 feet in length, oblong, lanceolate and bright green; splendid for avenues. Native of New Zealand. Pkt. 15 cts., oz. 75 cts.

Draco. Yields the dragon's blood resin of commerce. The stem of this species is stout at the base; leaves closely set, 18 inches in length and 2 broad; thick, fleshy dark green, and ending in a long, thin unarmed point. A native of the Canary Islands; hardy. 10 seeds 10 cts., 100 seeds 75 cts., 1,000 seeds \$5.

Indivisa (Cordylina indivisa). Sometimes called *Dracaena stricta*. A most graceful palm-like tree, suitable for decoration either in or out-of-doors. Fine for avenues. Native of New Zealand. Oz. 35 cts., lb. \$3.50.

MUSA ensete (Abyssinian Banana). Native of the mountain regions of Abyssinia. This magnificent plant attains a height of 30 feet, the leaves occasionally reaching a size of 20 feet in length by 3 in breadth. This plant produces no suckers and requires several years to come into flower and seed; it then dies off like the Sago Palm, the Caryota Palm, and others which flower but once without reproduction from the root. 10 seeds 15 cts., 100 seeds \$1.

YUCCA. Six fine varieties, viz., *Aloefolia* fol. var., *Angustifolia*, *Filamentosa* *Quadricolor*, *Tricolor* and *Whipplei*. Each, pkt. 15 cts., the collection of six varieties for 75 cts.

Quadricolor. A large and magnificent kind. The upper surface creamy yellow, in the center tinged with crimson and orange-yellow, and broadly bordered with dark shiny green. A native of Mexico; hardy. 100 seeds 25 cts., 1,000 seeds \$2.

FRUIT TREES

CULTURAL DIRECTIONS

APPLE, PEAR and QUINCE. The seeds of these varieties may be planted any time during the winter or early spring. Soak the seeds in tepid water for three days and change the water each day, or soak in cold water for eight or nine days, then sow lightly in drills 2 feet apart.

CHERRY, PLUM, PEACH, ALMOND, etc. The cultural directions given for the walnut, so far as germinating the seed is concerned, may be followed. Should the quantity be small, however, the pits may be placed in layers in boxes placed on the ground in a sunny exposure. Sprinkle over each layer a coating of sand. Layers may be four to six deep. Keep constantly moist but not soaking. As the young plants appear above ground, they should be carefully removed and planted in nursery rows 3 feet apart. A cloudy day is most suitable for this work.

WALNUT. The culture of the walnut is the same as for stone fruits. The seed may be planted in beds, during the winter or spring, covering about 1 inch deep, and kept moist, but not until they germinate, which will be in about three or four weeks, according to the temperature. As soon as they crack and show the sprout they should be transplanted to the nursery rows, 4½ to 5 feet apart and 6 inches apart in the row. They will grow the first year, without irrigation, 6 to 12 inches, and, with irrigation, 8 inches to 4 feet; the second year, from 4 to 8 feet, with irrigation. If ordered by mail, 10 cts. per pound additional will be charged to cover postage. Prices subject to fluctuation. Quotations for large quantities will be given on application.

ALMOND, Hard-shelled. (*Prunus amygdalus communis*). Pound 25 cts., 100 lbs., market price.

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

APPLE, French Crab. A superior stock. Oz. 10 cts., lb. \$1.

APRICOT (*Prunus Armeniaca*). Price on application.

CHERRY, Mazzard (*Cerasus communis*). A hardy stock. Oz. 10 cts., lb. 75 cts.

LOQUAT (*Eriobotrya Japonica*). Seed supplied in season. Procurable only in spring. Oz. 10 cts. lb. 60 cts.

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

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

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

QUINCE (*Cydonia communis*). Quinces generally produce the same variety from seed, but occasionally vary. The stock is much used for budding and grafting the pear. Oz. 25 cts., lb. \$2.50.

WALNUT, Soft Shelled (*Juglans regia*). A superior variety. Lb. 30 cts., 100 lbs., on application. Postage 10 cts. per lb. extra.

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

SMALL FRUIT TREES

CURRENT, Black. Pkt. 10 cts., oz. 50 cts.

Red. Pkt. 10 cts., oz. 40 cts.

Large Mixed. Pkt. 10 cts., oz. 40 cts.

GOOSEBERRY, Large English Mixed. Pkt. 10 cts., oz. 75 cts.

GUAVA, Strawberry (*Psidium cattleyanum*). Sow in box-

es and transplant when 2 inches high to pots. Pkt. 10 cts., oz. 30 cts., lb. \$3.

RASPBERRY, Finest Sorts Mixed. Pkt. 10 cts., oz. 40 cts.

STRAWBERRY, Large Mixed. Pkt. 10 cts., oz. 75 cts.
Red Alpine. This is the European wild strawberry. Pkt. 10 cts., oz. 75 cts.

Nursery Department

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.



MATILLIJA POPPY **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 \$3.50 each.

CHOICE *Germain's* PLANTS

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.

CHOICE *Germain's* PLANTS

NEW CLIMBING ROSES

50 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 blossoms 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 PLUMOSO. 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, 1½ 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 *Germain'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. 7-inch pot made up plants, 4 plants in a pot \$6 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, 6-inch pot \$1, larger plants 4 ft. high \$3.50, 6 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 FLABELLIFORMIS. "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 6-inch pots \$1.50 each, 10-inch pots and Japanese tubs \$6 each.

SEAFORTHIA 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.



PHOENIX CANARIENSIS

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 glauca 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 \$3 to \$5 each.

AGAVES, YUCCAS, ETC., (Continued)



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

BAMBUSA METAKE. A very hardy variety; well adapted to use as a screen for back yards. 50 cts. to \$1.50.

VULGARIS. A giant Bamboo, attaining a height of 70 feet, and over 4 inches in diameter. Strong, established plants \$5 each.

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.



ARAUCARIA EXCELSA

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 GLAUCA. 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, 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 glaucous green. In pots 2 to 3 feet 75 cts., 6 to 8 feet \$3 each.

CHOICE *Germain's* PLANTS

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, a rapid growing variety, and can be trimmed into any shape. This fact, combined with its dense foliage, makes it very valuable for hedges and wind-break 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., 6 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 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—Arborvitae

- THUYA OCCIDENTALIS**, "American Arborvitae." An ornamental evergreen shrub of thick growing habit, and especially valuable for hedges. Small plants 35 cts., large 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

- THUYA OCCIDENTALIS**, "American Arborvitae." An beautiful flowering plant in white, pink and yellow. Pot plants 25 cts. each.
- ALOYSIA CITRIODORA** (Lemon Verbena). Well known, fragrant shrub. 35 cts. to \$1 each.
- ASPIDISTRA LURIDA**. Native of China. The leaves of this variety are long, broad, shining dark green. A splendid house plant. 35 cts. to \$3.
- ASPIDISTRA ELATIOR VARIEGATA**. Foliage green with broad stripes of white. 50 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.

BAY TREES, "Laurus Nobilis." Handsome ornamental trees, trained in pyramids and globes. Excellent for hotels and other places where a striking effect is desired. Pyramids in tubs. Standard or globe shape in tubs.

Small size . . . 28-36-in stems, 26-28-in. heads \$22.50 pair
 Medium size . . . 44-50-in stems, 24-26-in. heads 25.00 pair
 Large size . . . 44-50-in stems, 36-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 Sempervirens). 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.

CAMELLIA 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 18 inches to 3 feet high \$2 each

CRAPE MYRTLE. A handsome, deciduous shrub that produces an abundance of very showy flowers. In three colors, rose, crimson and white. In pots 50 cts. each; larger plants from open ground 75 cts. to \$1 each.

CALLISTEMON SPECIOSUS (Bottle-Brush). Scarlet flowers. In gallon cans. 3 ft. high 50 cts. to 75 cts. each.

DIOSMA FRAGRANS (Breath of Heaven). A favorite shrub or pot plant; small white flowers. 40 cts. to 75 cts. each.

DAPHNE ODORA. A handsome, evergreen, winter-blooming shrub. In 6-inch pots \$1 each.

EULALIA JAPONICA (Japanese Plum Grass). Effective in groups. 50 cts. each.

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

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



HYDRANGEA HORTENSIS

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

CHOICE *Germain's* PLANTS

ORNAMENTAL PLANTS AND SHRUBS (Continued)

- HIBISCUS SINENSIS.** A beautiful shrub, with large, showy flowers. Choice double and single varieties. Colors pink and scarlet. 25 cts. to 75 cts. each.
- HELIOTROPIMUM** (the common Heliotrope). A fine collection; various shades of blue and pure white. 25 cts. each.
- HYDRANGEA HORTENSIS.** One of the most gorgeous blooming plants grown in our semi-tropic climate; thrives best in partial shade, but does well in any situation. Highly recommended for planting on the shady side of buildings. Our plants are pot-grown. 25 cts., 50 cts., and \$1.50 each.
- HYDRANGEA OTASKA.** The flowers are much larger than the old variety, frequently measuring 12 inches in diameter and of a delightful pink color. 35 cts. to \$2 each.
- LANTANA.** An ever-blooming shrub and does well in Southern California. Can be used as a hedge or ornamental plant. Colors, orange, yellow, pink and white. 15 cts. each, \$1.50 per dozen.
- LAURUSTINUS.** See Viburnum.
- LEMON VERBENA.** See Aloysia.
- LILAC.** See Syringa.
- LIGUSTRUM JAPONICUM** (Japanese Privet). A handsome shrub; valuable for hedges. 50 cts. per doz., \$3 per 100.
- MYRTUS COMMUNIS** (Common Myrtle). A well known shrub. In pots 15 cts. to 50 cts. each.
- MAGNOLIA FUSCATA.** A small tree with flowers of the most delicious fragrance. In pots \$1.50 each.
- PLUMBAGO.** White and blue. A beautiful flowering plant that can be used as a shrub or climber; very popular in this country. Pot plants 35 cts. each.
- POINSETTIA PULCHERRIMA.** The well-known Flor de Pascua, the "Christmas Flower" of Mexico; unsurpassed for the splendor of its brilliant scarlet flower bracts; a universal favorite; grows to a large size. In 4-inch pots 25 cts. to \$1 each.
- SNOWBALL.** See Viburnum.
- SPIRAEA REEVESIANA** (Bridal Wreath). A well-known favorite shrub, producing immense quantities of white flowers. 25 cts. to 50 cts. each.
- SPIRAEA VAN HOUTTEI.** The finest of all the white varieties. When in flower, a complete fountain of white bloom, the foliage hardly showing at all, so dense and profuse are the blooms. This has been a great favorite wherever tried. 50 cts. each.
- SYRINGA VULGARIS** (Common Lilac). A well-known, beautiful shrub with large trusses of fragrant, bluish purple flowers. 50 cts. each.
- SYRINGA VULGARIS ALBA.** A white variety of the above. 50 cts. each.
- SYRINGA PERSICA** (Persian Lilac). A superb variety with small foliage and bright purple flowers. 50 cts. each.
- TECOMA STANS** (Yellow Elder). A handsome tree with bright yellow flowers. 25 cts. to 50 cts. each.
- VIBURNUM OPULUS. VAR. STERILIS** (Snowball, or Guelder Rose). A favorite shrub with clusters of pure white flowers. 50 cts. each.
- TINUS** (Laurustinus). A handsome shrub with white flowers. Very fragrant, a free bloomer, and often used as a hedge plant as well as an ornamental. Small plants 15 cts., large size \$1 each.

ORNAMENTAL EVER-GREEN TREES

- ACACIA BAILEYANA.** A small, handsome tree with glaucous foliage and covered with bright yellow flowers in the 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 of late. In pots or cans 35 cts. to \$1.50.
- ACACIA MOLLISSIMA.** In pots or cans 35 cts. to \$1 each.
- ACACIA PYCANTHA** (Golden Wattle). In pots or cans 35 cts. to \$1.50 each.
- CAMPORA 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 cts.; 4 to 5 ft. 75 cts.; 5 to 8 ft. \$1.25 each.
- CASUARINA 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.
- CASUARINA 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. In flats of 100 plants, 4 to 8 inch \$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
- FICUS AUSTRALIS** (Australian Banyan Tree). One of the most remarkably large spreading trees of tropical Australia, standing the climate of California perfectly. In pots, 8 to 10 in., 50 cts.; 2 ft. \$1.50; 4 ft. \$3.50 each.
- FICUS ELASTICA** (Rubber Tree). The true Rubber Tree from India. A fine ornamental tree for lawn, with long, glossy green leaves; and also much used as a decorative plant. In pots, \$1 to \$5 each.
- FICUS MACROPHYLLA** (Moreton Bay Fig, or Longleaved Rubber Tree). Similar to F. Australis, quite hardy and grows very large, with larger leaves than the former. In pots 1 ft. \$1, 2 ft. \$2, 3 ft. \$3 each.

CHOICE *Germain's* PLANTS

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 UNDULATIUM. 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.

PAMPAS GRASS. See *Gynerium*.

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

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 ASH. 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.

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.

PRUNUS PISSARDI (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.

FERNS

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

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

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

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

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

NEPHROLEPIS PIERSONI. 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.

NEPHROLEPIS 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.

PTERIS TREMULA. 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 35 cts. each, \$3.50 per doz.

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 warm weather they will again burst into growth. 75 cts. each.



JAPANESE FERN BALL

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 cul-

ture, 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.

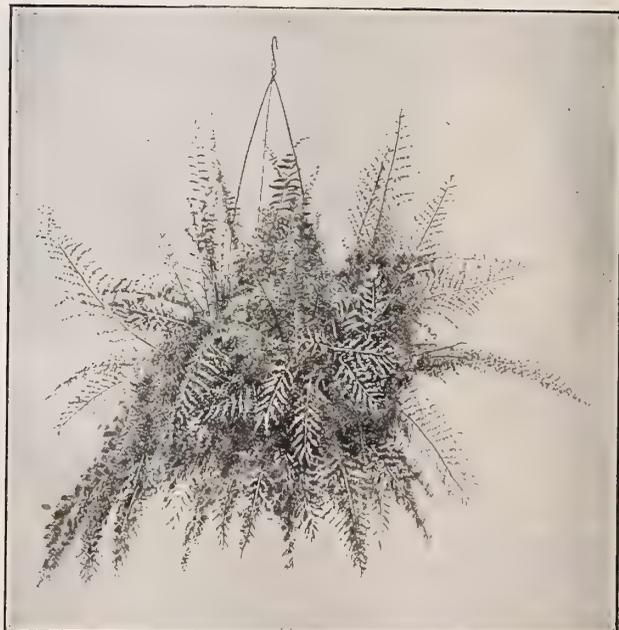
BEDDING VARIETIES. 3-inch pot, 10 cts. each, \$1 per dozen.



BEGONIAS

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 appearing effect. We can supply 12-inch baskets either filled with Boston Ferns or Asparagus Sprengeri at \$2.50 each.



HANGING BASKETS

CHOICE *Germain's* PLANTS

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

By mail 25 cts. doz. extra.

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 park designs. 50 cts. per doz. \$2 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.; \$6 per 100.

CYCLAMEN GIGANTEUM. 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 fragrant; 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., \$8 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 FORBES. Scarlet, very large flowers and very showy; an excellent single variety.

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

PHYLLIS. 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 pure white single geranium.

We can supply Geraniums in mixed varieties; all the best at 75 cts. per dozen.

IVY GERANIUMS for trailing. Colors, red, white and pink. 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 fringed 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 large 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 constantly in bloom, 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.

CHOICE *Germain's* PLANTS

BEDDING PLANTS (Continued)

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 parkings 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.

BIGNONIA MACKENNI. A very vigorous growing vine, and free bloomer; pink flowers. 25 cts. each.

BIGNONIA TWEEDIANA. For covering walls and out-buildings 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 58.

COBAEA SCANDENS. A rapid climber, with purple bell-shaped flowers. 25 cts. each.

COBAEA 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 perfect mosaic. 20 cts. each; \$2 per doz.

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.

HOYA CARNOSA "Wax Plant." Each 25 cts. to 50 cts.

IPOMOEA LEARII (Blue Moonflower). 25 cts. each.

IPOMOEA MEXICANA GRANDIFLORA ALBA. "True White Moonflower." Each 25 cts.

IVY. See *Hedera*.

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 free 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 (Chill Jasmine). White, very fragrant; deciduous. 35 cts. each.

PASSIFLORA (Passion Vine). We can supply these favorite vines in the following colors, scarlet, white, pink and lavender. 35 cts. each.

PHASEOLUS CARACALLA (Snail Vine). Color, purple and yellow; splendid. 35 cts. each.

RHYNCHOSPERMUM JASMINOIDES (Star Jasmine). Pure white, fragrant. 50 cts. each.

SMLAX (*Medeola Asparagoides*). A well-known climbing plant much used in floral work, festooning, etc. 5 cts. each; 50 cts. per doz.

SNAIL VINE. See *Phaseolus*.

SOLANUM WENDLANDII. A splendid climber with delicate light-blue flowers, and large green leaves; deciduous. 35 cts. to 75 cts. each.

STEPHANOTIS FLORIBUNDA. Waxy, white, very fragrant. One of the handsomest climbers. Requires sheltered, warm situation. Large plants \$2 each.

TACSONIA BUCHANANI. Deep rose-color; flowers similar to passion flowers, but larger. 25 cts. to 50 cts. each.

TECOMA JASMINOIDES. White and purple. 25 cts. to 50 cts. each.

WISTARIA SINENSIS. Light blue; the best of all deciduous climbers. Flowers in early spring. This beautiful Japanese plant has no equal; long racemes of most attractive flowers. Small plants 50 cts.; large size \$1 each.



WISTARIA SINENSIS ALBA

WISTARIA SINENSIS ALBA. Same as preceding, but with white flowers. 50 cts. to \$1 each.

WISTARIA MULTIJUGA ALBA and COERULEA. These two *Wistarias* are grafted on the common varieties, consequently are vigorous growers and free bloomers. The racemes of flowers often attain a length of two feet; deciduous. Strong plants \$1.25 to \$2 each.

CHOICE *Germain's* PLANTS

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 grown, we have selected the following as being, in our judgment, the very best varieties known. All of our Roses are field-grown and range in height from 1 to 3 feet.

Roses listed at 25 cts. each are \$2.50 per dozen.
Roses listed at 35 cts. each are \$3.50 per dozen.

NOTE: Between December 1st and March 31st, roses are dormant and shipped with naked roots. After April 1st, they are potted, and all 25 cts. plants are 35 cts. each, \$3.50 per dozen.

BUSH VARIETY

ALICE ROOSEVELT. Of brilliant color, red bud, deep pink when open. 35 cts. each.

AMERICAN BEAUTY. Deep, brilliant rosy carmine, shading toward the center to a rich carmine-crimson. Very fragrant. Each 35 cts.

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

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

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 Mermet, and while it possesses all the good characteristics of its parent, it surpasses it in color, being a deep bright pink. 25 cts. each.

CAPTAIN CHRISTY. Delicate flesh color; darker toward the center. 25 cts. each.

CATHERINE MERMET. 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; pearly white, shading to white at edge. 25 cts. each.

DUCHESS DE BRABANT. Very strong, rapid grower, profuse bloomer and one of the most popular pink Roses in cultivation. 25 cts. each.

DUCHESS OF ALBANY. Rich, dark pink, good form and free bloomer. 25 cts. each.

FRANCISCA KRUGER. Coppery yellow; fine buds. 25 cts. each.

GENERAL JACQUEMINOT. Brilliant dark crimson; a most popular Rose; quite large. 25 cts. each.

GLOIRE DE MARGOTTIN. Bright dazzling scarlet; a very fine flower. 35 cts. each.

GRUSS AN TEPLITZ. One of the best, hardy, ever-blooming Roses for outdoor planting; color rich crimson, quickly turning to fiery red. Flowers large and fragrant; a constant bloomer and vigorous grower. 25 cts. each.

HELEN GOULD (Baldwin). A deep crimson, hardy and profuse bloomer. 35 cts. each.

JUBILEE. Deep velvet crimson with red shadings, 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 pearly 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, exquisite form; color reddish apricot. 35 cts. each.

LA FRANCE. One of the largest and most beautiful of all Roses, both in the bud and in full bloom; peach-blossom color, and of the richest fragrance. 25 cts. each.

MAGNA CHARTA. Flower a bright pink suffused with carmine; very handsome and of a vigorous habit of growth. 35 cts. each.

MAMAN COCHET. One of the best for summer-blooming. The buds are of a beautiful, light pink color which is retained in the open flower. The blooms are delightfully fragrant and are held erect on long stems. 25 cts. each.

MARIE VAN HOUTTE. Pale, creamy yellow, edge of petals shaded salmon-pink. This is a universal favorite. 35 cts. each.

MARQUIS DE QUERHOENT. A novelty in roses, color copper yellow, very fine. 35 cts. each.

METEOR. This rich, dark crimson Rose is becoming more popular every year, owing to its excellent properties as a cut-flower variety. 25 cts. each.

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.

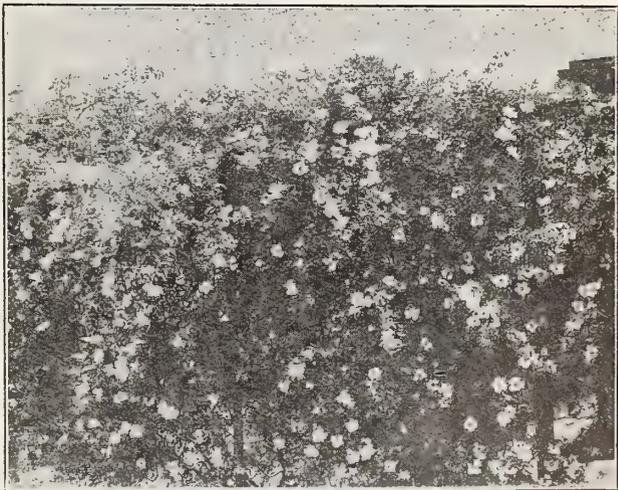
PRINCE CAMILLE DE ROHAN. Very deep crimson. Will give excellent satisfaction to those desiring a dark red Rose. 25 cts. each.

RICHMOND. A grand new hybrid tea rose, strong grower, long stems, choice buds, bright scarlet. 35 cts. each.

SARRANO. An old standard variety, highly valued for its handsome buds and flowers; of bright apricot-yellow, changing to orange. A fine outdoor variety. 25 cts. each.

SUNSET. One of the finest Tea Roses grown. It is a large, double, coppery yellow Rose of the most delicious fragrance; a very free bloomer. 35 cts. each.

SOUVENIR DU WOOLTON. A beautiful shade of deep crimson, exquisitely fragrant, a constant, prolific bloomer; long stems. 25 cts. each.



☞ SINGLE CHEROKEE

SOUVENIR DE PRESIDENT CARNOT. This Rose has few equals and no superior. Its growth is vigorous and its foliage a beautiful dark green. The flower is very large, double to the center, and its color is a soft, rosy flesh. 25 cts. each.

ULRICH BRUNNER. This is a most excellent Rose, both in flower and foliage. The bloom is large, cherry-red and very fragrant. The foliage is almost thornless. 25 cts. each.

WHITE LA FRANCE (Augustine Guinoiseau). Being a sport from La France it has the same form and habit. It is pure white with a rich fragrance. 25 cts. each.

WHITE MAMAN COCHET. A pure white, hardy, ever-blooming Rose of superior size, fragrance and profusion. Rivals the best. 25 cts. each.

CLIMBING ROSES

CLIMBING 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.

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 D'OR. 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.

WM. A. RICHARDSON. Orange yellow; very distinct. 25 cts. each.

YELLOW BANKSIA. Small, yellow flowers on thornless stems. 25 cts. each.

CACTUS DAHLIAS

These magnificent flowers are as easily grown as the "Decorative Dahlias," but surpass them in beauty and gracefulness of 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 \$2.50 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.

FIRE BRAND. Rich glowing vermilion, shading deeper.

GALLIARD. Rich glowing scarlet, long tubular petals.

GOTTELINDE. Primrose-yellow; fine form.

KRIEMHILDE. Brilliant pink, shading to pink at center.

RINGDOVE. Salmon carmine center, yellow shadings, white on edges; variable, but always pretty.

STRAHLEN. Intense cardinal red, rich and glowing.

UNCLE TOM. Maroon, darker shadings, almost black.

WINSOME. White; good size and perfect form.

KRONE. A splendid brilliant red.

CARNATIONS

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

ALLEGRIA. The very best bright scarlet variety; a strong grower, long stems and very thrifty.



JAS. CORBETT. A splendid, strong-growing variety, producing great quantities of large, handsome flowers; 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 borne on long stems; color a beautiful shade of light pink.

HARLOWARDEN. The best bright crimson; excellent flowers, and produced in great abundance.

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

MRS. 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.

CHOICE *Germain's* 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 McINROY. 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.
DURBAN'S PRIDE. Rich lavender-pink color, with long, incurving and curling petals.
ETOILE DU NORD. Rich yellow. An old popular variety, foliage deep green, strong stems, might be termed King of Yellows.
FRANK HARDY. 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, long petals, large flowers.
MADAM WALDECK ROUSSEAU. Color rosy crimson, outer side of petals a lighter shade, enormous flowers of loose habit.
MAJOR BONNAFFON. 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.
THOMPSON'S IMPROVED NAVEL. Fruit of medium size, early, rind thin and smooth; resembles the Washington navel in habit; a fine keeper and of excellent flavor. Each \$1.50.
VALENCIA LATE. 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.

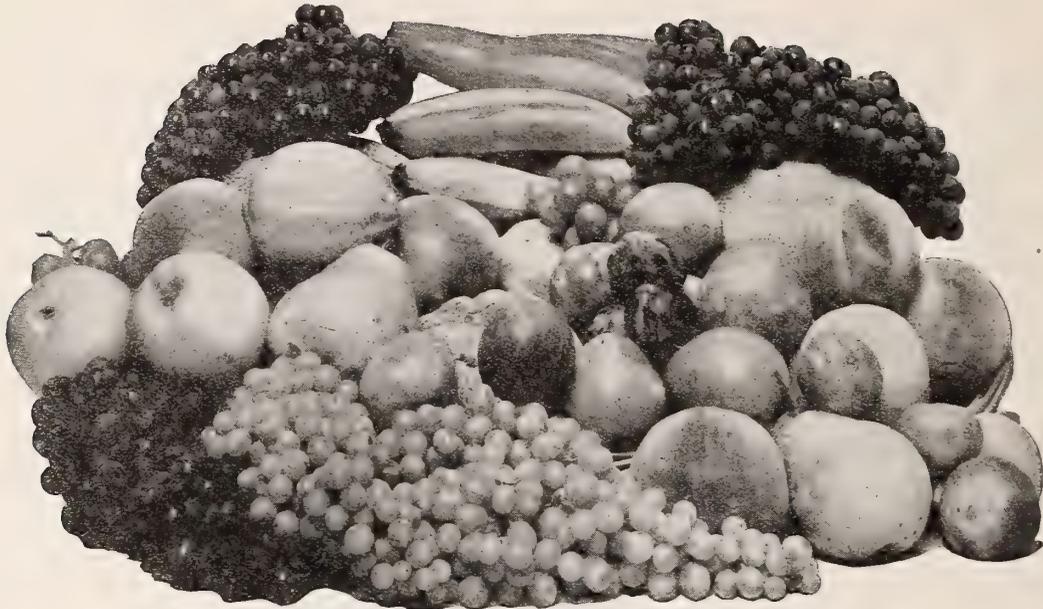
THE POMELO, or GRAPE FRUIT

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.



ONE YEAR OLD ORANGE TREES BALLED FOR SHIPMENT

DECIDUOUS FRUIT TREES



THE PRODUCTS OF OUR FRUIT TREES

ALMONDS

- NE PLUS ULTRA.** Tree a rapid grower, leaves large, good bearer, nuts large, shell soft; 35 cts. each, per 100 \$30.
- I. X. L.** Nuts large, easily shelled, no bleaching necessary; fine bearer, tree of upright growth; highly recommended by planters; 35 cts. each, \$30 per 100.
- NONPAREIL.** Of a weeping style of growth; small foliage; a heavy bearer with thin shell. One of the best; 35 cts. each, \$30 per 100.

APPLES, SUMMER VARIETIES

- EARLY HARVEST.** Fine for table, medium size, light yellow, tender and sweet; 25 cts. each, \$20 per 100.
- RED JUNE.** Early, oblong in shape, medium size, fine for table; 25 cts. each, \$20 per 100.
- RED ASTRACHAN.** One of the best commercial varieties. Large, red, with a pleasing acid flavor; 25 cts. each, \$20 per 100.

APPLES, FALL VARIETIES

- GRAVENSTEIN.** Tree is a vigorous grower, fruits large, splashed with red and orange; tender, crisp and of fine flavor. 25 cts. each, \$20 per 100.
- FALL PIPPIN.** Fruit large, yellowish green, flesh tender and mellow, of fine quality. 25 cts. each, \$20 per 100.
- RHODE ISLAND GREENING.** Large, light yellow, flesh yellow, crisp and juicy; fine for table or cooking. 25 cts. each, \$20 per 100.

APPLES, WINTER VARIETIES

- YELLOW 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.** Admirably 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.
- TRANSCENDENT.** Fruit large, tree productive; crisp and juicy, skin yellow striped red. 25 cts. each.
- MARTHA.** Skin yellow striped with red; the best for home cooking. 25 cts. each.

APRICOTS

- HEMSKIRK.** Large, slightly flat on the sides; flesh orange; tender and juicy. 35 cts. each, \$30 per 100.
- ROYAL.** More extensively planted than any other variety; fine for canning and drying; fruit oval, yellow, red on side next the sun. 35 cts. each, \$30 per 100.
- PEACH.** Fruit large, flattened on sides, skin yellow, flesh juicy, and of rich flavor; fine for drying. 35 cts. each, \$30 per 100.

CHERRIES

- BLACK TARTARIAN.** Fruit large, purplish black, flesh rich and delicious; fine bearer; one of the best blacks. 35 cts. each, \$30 per 100.
- EARLY RICHMOND.** Very productive and one of the best for cooking. Dark red and juicy, but of acid flavor. 35 cts. each, \$30 per 100.
- NAPOLEON BIGARREAU (Royal Ann).** A splendid cherry of large size; yellow spotted with red, and red cheek; flesh juicy and sweet; a fine bearer. 35 cts. each, \$30 per 100.

FIGS

- WHITE SMYRNA.** A compact grower of spreading habit; skin thin, grayish green; a splendid table fig. 50 cts. each.

CHOICE *Germain's* PLANTS

DECIDUOUS FRUIT TREES (Continued)

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. 50 cts. each.
- BROWN TURKEY.** Fruit large, color violet brown; the earliest Fig in the San Francisco market. 50 cts. each.

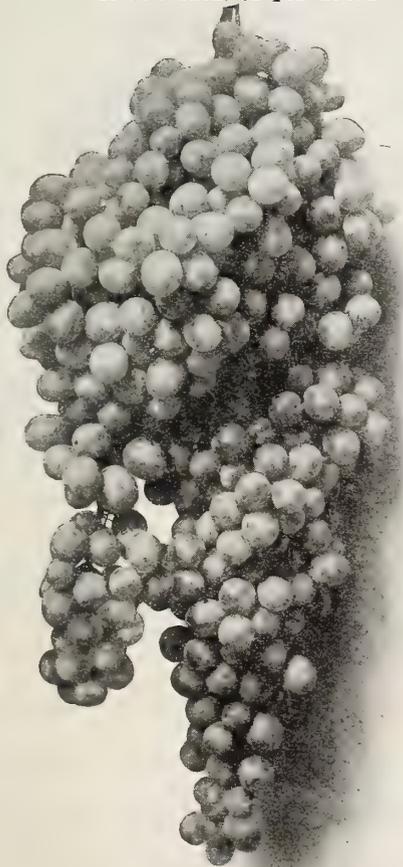
GRAPES, AMERICAN VARIETIES

10 cts. each, \$1 per dozen.

- CATAWBA.** Bunches large, coppery red, fine for wine-making.
- CAMPBELL EARLY.** Blackish purple, early and productive. 15 cts. each.
- CONCORD.** Early, large, black; berries sweet.
- DELAWARE.** Red, bunches medium size, sweet and delicious.
- ISABELLA.** A fine market variety; berries oval, black, sweet and juicy.
- MARTHA.** Berries and bunch medium size; greenish white, sweet.
- MOORE'S EARLY.** Berries large, bunch medium size; early and sweet.
- NIAGARA.** Pale yellow, large berry; flesh tender and of fine flavor. One of the best white grapes.
- WORDEN.** Black and of large size.

GRAPES, FOREIGN VARIETIES

10 cts. each, \$1 per dozen.



GRAPE, THOMPSON'S SEEDLESS

BLACK HAMBURG. Bunches and berries large, sweet, juicy; one of the best table grapes.

- TOKAY.** Berries large, skin thick, pale red, flesh firm and sweet; excellent for table.
- MISSION.** The first grape grown in California; purple black, sweet and delicious.
- 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.
- MALAGA.** 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.
- HARDWICKE.** 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 MAY.** Early, very popular; fruit medium to large; skin greenish white with red cheek; juicy and sweet. 25 cts. each, \$22.50 per 100.
- GEORGE IV.** Size 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.

CHOICE *Germain's* PLANTS

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, \$22.50 per 100.

INDIAN CLING. Rich and juicy, one of the best for canning, fruit blood red, very sweet, a heavy producer. 25 cts. each, \$22.50 per 100.

PEARS, EARLY VARIETIES

MADLINE. The earliest, fruit medium pale yellow, flesh melting and sweet. 35 cts. each, \$30 per 100.

BARTLETT. Most famous of the table sorts; large, finely flavored and luscious; an abundant bearer, fruit yellow with pale blush on sunny side. 35 cts. each, \$30 per 100.

SECKEL. Small but of superlative table excellence; color yellow russet with red cheek, spicy flavor; very popular. 35 cts. each, \$30 per 100.

PEARS, WINTER VARIETIES

FLEMISH BEAUTY. Large pale yellow pear, very juicy, prolific bearer and very hardy. 35 cts. each, \$30 per 100.

WINTER NELIS. Skin yellowish green, medium, dotted with russet, flesh fine grained, exceedingly juicy and sweet; a fine shipper and splendid keeper. 35 cts. each, \$30 per 100.

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, \$30 per 100.

GREEN GAGE. Pale green, small, round, juicy, of fine flavor. 35 cts. each, \$30 per 100.

KELSEY JAPAN. Ornamental and a splendid bearer; fruit large, light red, when ripe of splendid quality. 35 cts. each, \$30 per 100.

SATSUMA. Large, dark red, flesh red, firm, solid and juicy and of fine flavor. 35 cts. each, \$30 per 100.

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, \$30 per 100.

PLUMCOT. A cross between a plum and apricot, very early bloomer. A brilliant red flesh with deep purple skin; a rich apricot and plum flavor. Fruit about size of ordinary apricot. 35 cts. each, \$30 per 100.

CLIMAX. Very early, large size, fine color; delicious flavor; the leader in early shipping plums; tree vigorous and productive. 50 cts. each.

PRUNES

FRENCH PRUNE. Violet purple, rich and sugary, medium size, productive, fine for drying; planted extensively on this account. 35 cts. each, \$30 per 100.

HUNGARIAN PRUNE. Large, reddish violet, juicy and sweet; a vigorous tree and strong bearer; fine for shipping or home market. 35 cts. each, \$30 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, \$30 per 100.

CHAMPION. Fruit yellow, large and handsome, bears early, and is more productive than the above. Cooks tender and is of excellent flavor. 35 cts. each, \$30 per 100.



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, \$30 per 100.

WALNUTS

3 to 4 ft., 35 cts. each; 4 to 6 ft., 50 cts. each; 7 to 8 ft., 75 cts. each.

SANTA BARBARA SOFT SHELL. The nuts are large, with thin shell, kernel white and sweet; the favorite in Southern California.

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 $2\frac{1}{4}$ to $2\frac{1}{2}$ inches long; ripens three weeks before other kinds. Of delicious flavor and sure to become a great favorite. To obtain the best results plant upon a trellis, which should be set 10 feet apart and set the plants 6 to 8 feet in the rows. \$1 per dozen, \$6 per 100.

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 heavy 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.

LOGAN BERRY

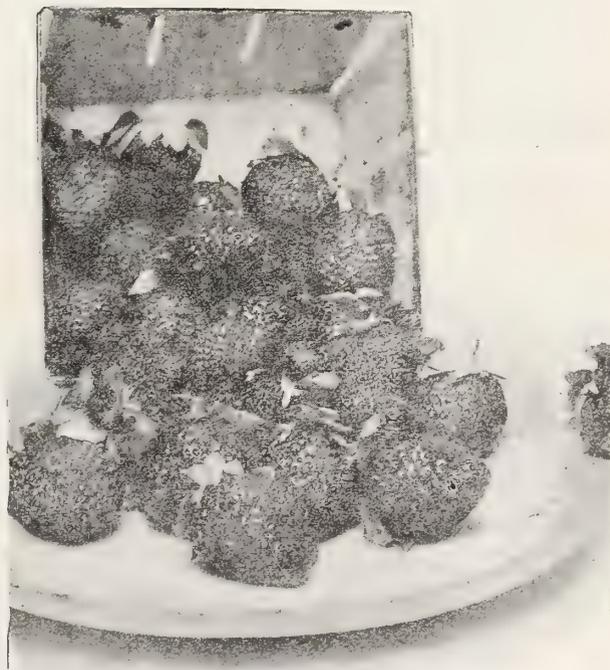
LOGAN BERRY. Said to be a cross between the raspberry and the blackberry, and partaking of the flavor of both, only more delicious than either. Seeds few; ripens early; excellent for table either raw or stewed. 75 cts. per doz., \$4.50 per 100.

STRAWBERRIES

BRANDYWINE. Plant a luxuriant grower. Fruit large, conical; flesh firm, of fine quality. 75 cts. per 100, \$4.50 per 1,000.

LADY THOMPSON. Early, fine for fall planting, vigorous, adapted to all climates; a fine variety for market. 75 cts. per 100, \$4.50 per 1,000.

KLONDIKE. A medium early variety of recent introduction. Fruit beautiful and uniform in shape; a rich blood-red in color; juicy and delicious in flavor. Well worth planting. To get best results some of the perfect flowered varieties that bear about the same time should be planted with "Klondike" to insure pollinization. 75 cts. per 100, \$4.50 per 1,000.



BRANDYWINE

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.



**Standard Bred
WHITE
WYANDOTTE**
J. T. Pursell, breeder
White Wyandottes
276 E. 43d st., Los
Angeles, Cal.

INCUBATORS AND BROODERS

WE ARE SOLE AGENTS IN SOUTHERN
CALIFORNIA FOR THE CELEBRATED

JUBILEE INCUBATORS AND BROODERS



**216 Egg Jubilee
Incubator**
Weight 110 lbs.
Price \$32.00

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

Incubators.		Weights	Price
60-egg Jubilee Incubator	.....	50 lbs.	\$12.00
108 egg Jubilee Incubator	.....	110 lbs.	22.00
216-egg Jubilee Incubator	.....	150 lbs.	32.00
324-egg Jubilee Incubator	.....	200 lbs.	40.00
504-egg Jubilee Incubator	.....	260 lbs.	50.00

4 section 200 chicks.....	170 lbs.	18.00
No. 2 Brooder Lamp Complete	.....	1.25
No. 3 Brooder Lamp Complete	.....	1.50
No. 2 Incubator Lamp Complete	.....	1.25
No. 3 Incubator Lamp Complete	.....	1.50

Egg Testers 35 cents each.

Sectional In-Door Brooders.		
2 section 100 chicks.....	100 lbs.	\$14.00
3 section 150 chicks.....	135 lbs.	16.00

Write or ask for special Jubilee Incubator and Brooder Catalogue.

A. P. WARD & SON'S FIRELESS BROODER

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."



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 E 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

INTERNATIONAL STOCK FOOD

DAN PATCH 1:55 MINOR HEIR 1:59½
The fastest harness horses in the World.
Fed every day on International Stock Food.

Three Feeds for One Cent

"INTERNATIONAL STOCK FOOD" is prepared by a regular manufacturing chemist and stock breeder, and is guaranteed to be equally good for all kinds of live stock, and to contain nothing harmful even if taken into the human system. It is prepared from roots, herbs, barks and seeds. It cures and prevents disease, saves pain by aiding digestion and assimilation, purifies the blood and gives renewed life, greater strength and makes stock fat, sleek and glossy. It has the largest sale in the world for **Horses, Cattle, Sheep, Colts, Calves, Lambs, Pigs and Goats.**

"INTERNATIONAL STOCK FOOD" is by far the cheapest and best. Put up in 25c, 50c, and \$1.00 packages, also in 25-pound water-tight pails, which retail at \$3.50 each.

It is not what an animal eats, but what is thoroughly digested that results in vigorous life and increased flesh.

INTERNATIONAL POULTRY FOOD



White and Brown
Leghorns bred by
G. T. Roberts, Man-
hattan Beach, Cal.

A Medicated Poultry Food which gives the most remarkable results ever known, and is the largest seller. It prevents disease. It cures Chicken Cholera. It greatly increases the Egg production and it makes the chickens grow very rapidly.

Put up in 25c, 50c and \$1.00 Size Packages, and 25-lb. Pails \$3.50.

THE WONDERFUL EGG PRODUCER. The great production of eggs has given the "International Poultry Food" a wonderful reputation throughout every State. We guarantee that it cannot be fed to hens at any time, winter or summer, without showing a large increase in eggs. You do not have to use the food at an extra expense, because it will make you more money after deducting its cost. One extra egg per month will pay the entire cost of feeding it and often more than doubles the supply. It contains no poisonous or injurious ingredients

and has very superior merits.

REMARKABLE CASH GUARANTEE Which is Printed on every Label

Buy, pay for and use one 25c box or one 50c box or one \$1.00 size box of "International Poultry Food" as directed, and if it fails to fulfill our claims write to our office and we will refund your money. We will pay anyone \$100 cash if we ever refuse to live up to this agreement.

ALSO CHEAPEST TO USE

Our 25c box contains 100 feeds for 12 fowls. Our \$1.00 size box contains 400 feeds for 12 fowls. You cannot afford to pay 25 cents per box for some other kinds that only contain 25 feeds. 100 feeds for 25 cents is certainly very much cheaper than 25 feeds for 25 cents. We save you 75 cents over other kinds.

INTERNATIONAL FOOD CO., Minneapolis.
Only costs 8 cents a month to feed it.



INTERNATIONAL STOCK AND POULTRY REMEDIES



INTERNATIONAL WORM POWDER is a superior concentrated vermifuge for horses, colts and other animals. It removes the primary cause and expels the worms. Tones up the stomach, liver and bowels, and invigorates and strengthens the entire system, so that any disposition for worms in the animal is avoided. A perfectly harmless vegetable preparation for all animals, as it is guaranteed to contain no poisonous or injurious ingredients. Price, per box 50c; by mail 20c extra.

INTERNATIONAL DISTEMPER CURE

The Distemper Cure is radically different from many preparations on the market, for this trouble. It is composed of absolutely pure drugs in a highly concentrated form, the various ingredients making a combination that is used by many of the most prominent Veterinarians in the United States. Price, 50c; sent by mail, 23c extra.

Read the Guarantee on Every Package.

INTERNATIONAL HOOF OINTMENT

Especially recommended for the treatment of horses' hoofs. Will grow an entire new hoof in a short time. Keeps the hoof soft, tough and elastic. A hard, brittle, contracted hoof, will soon ruin your horse. Guaranteed free from all injurious ingredients. Price, 1½ lb. in tin pail, \$1.00.

INTERNATIONAL HEAVE CURE

A positively guaranteed remedy for Heaves, Asthma, Broken Wind, Coughs, etc. The "International Stock Food Co." will refund your money if your horse is not cured or benefited by the use of one box as directed. The formula for this Heave Cure was bought from a prominent Surgeon, who, after eighteen years of test found it to be the only reliable remedy for Heaves, Asthma, Broken Wind, etc. Complete directions for use on every

package. Price, 50c; sent by mail 22c extra.

INTERNATIONAL HARNESS SOAP AND EBONY OIL DRESSING

A fine preparation for cleaning and preserving your harness and leather goods. Get a can of it and make your old harness look like new. Price, 1 lb. can 25c; 2¼ lbs. can, 50c.

INTERNATIONAL GALL CURE

The great healing Salve. Easy and pleasant to use. For human or animal flesh. The "International Stock Food Co." will refund your money if it ever fails to cure Galls, Sore Shoulders, Sore Necks, Sore Backs, Sore Mouths, Cuts, Bruised Heels, etc. Also a quick cure for Sore Teats, etc., on cows. Price, small can 25c; sent by mail 4c extra; large can 50c; sent by mail 10c extra.

INTERNATIONAL LOUSE KILLER POWDER

Is guaranteed to quickly kill Lice, Fleas, Mites, etc., and it will not hurt the hens. It is a dry powder and put up in regular sifting box with tin cover, which makes it very easy to use. The box is extra large and retails for 25c.

International Silver Pine Healing Oil, 25c, 50c, \$1 per bottle.

International Honey Tar Foot Remedy, can 50c.

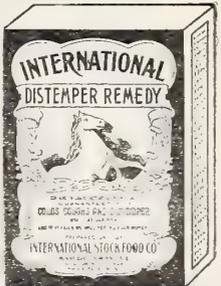
International Foot Remedy, price per can, 50c.

International Colic Cure, price 50c and \$1 per bottle.

Dan Patch White Liniment, per bottle, 50c.

INTERNATIONAL CHOLERA CURE

A preventive and cure for Chicken Cholera. Price, 25c per bottle; by mail, 5c extra.



POULTRY *Germain's* SUPPLIES



Buff Orpington
Bred by J. J. Dean
Moneta, Cal.

INTERNATIONAL ANTISEPTIC HEALING POWDER.
Is an invaluable remedy for use on all kinds of stock, in the healing of cuts, old sores, galled shoulders, and necks and wounds of all kinds. Keeps the wound clean and healthy, and assists in effecting a rapid healing of the wounded parts. 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 can will make thirty gallons ready for use. Bed Bugs, and is especially recommended to keep flies off from it will cure Mange, Ringworm and Scab on stock; will destroy Maggots, Lice, Fleas, Horn Flies, Screw Worms, Cockroaches, stock. A reliable disinfectant and germicide is necessary 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 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 Roup 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. cans 35c; 1/2 gal. can 60c; 1 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 4c extra.

INTERNATIONAL BOWEL TROUBLE REMEDY
For arresting Diarrhoea in poultry and restoring the organs to their normal condition. Price, postpaid, 50c.
Write or ask for 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 disorders, 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 udder and teats: Caked Bag, Sore Teats, Bunches, Chapping, Cuts, Inflammation, etc. It makes easy milkers of hard ones, keeps all the parts in a sanitary, 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, Inflammation 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 9c 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 Blood Poison, Proud Flesh, Scratches, Mud Fever, for Snag Wounds, Sore Shoulders, Grease Heel, Malignant Ulcers, Fistula, Poll Evil, Corns in horses, etc. We claim that **Horse Comfort** has won the right to the name—"The World's Greatest Healer."
Price—25c and 50c per bottle. Small bottle by mail 11c extra; large bottle by mail 20c 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, 1/2 gal, 50c.

KOW-KURE
Doubled her Value

That is the testimony of many a cheerful farmer who has tried Kow-Kure and knows its value as a remedy for all ailments peculiar to cows. If you have unprofitable

BARREN COWS
give them Kow-Kure and double their value. Thousands of barren cows have become prolific breeders by the use of this preparation. Not a "food" but a medicine for cows only. Our book, "The Cost of a Lost Cow," sent FREE.

Dairy Association Co., Mfrs.
Lyndonville, Vt., U. S. A.

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.



Bellevue Strain Banded Plymouth Rock bred by Frederick Espe, 4425 So. Main St., Los Angeles, Cal.



Don't Worry!
Conkey Will Cure Me.

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 1½ lbs. \$.25
Price 3¼ lbs.50
Price 7 lbs. 1.00
Price 25 lb. Pail 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 cucumber, 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.
48-oz. box, 50c, postpaid or express paid \$1.00
100-oz. box, \$1.00, freight or express at customer's expense.



- Conkey's Bronchitis Remedy \$.50
- Conkey's Cholera Remedy 25c and .50
- Conkey's Gape Remedy50
- Conkey's Chicken Pox Remedy50
- Conkey's Limber Neck Remedy50
- Conkey's Scaly Leg Remedy50
- Conkey's Rheumatic Remedy50
- Conkey's Healing Salve 25c and .50
- Conkey's Poultry Laxative50
- Conkey's Poultry Tonic25
- Conkey's Flea Salve25
- Conkey's Head Lice Ointment 10c and .25
- Conkey's Lice Liquid 35c, 60c and 1.00
- Conkey's Nox-I-Cide 35c, 60c, 90c and 1.50
- Conkey's Bug and Moth Killer, 25c and 50c.

Conkey's Ant Chaser, 25c.

CONKEY'S FLY KNOCKER kills every fly it hits and keeps the others from alighting on your horses or cows. Will increase the flow of milk and add flesh to your stock in summer. It is positively harmless and will not taint the milk. It will rid your stable of flies. If used on your stock in the summer it will prevent lice and grub in the winter; sprayed on your horse before going for a drive it will keep the flies off and prevent that fretting so wearing on nervous animals. One ounce of the Liquid will spray two animals. It is especially valuable to farmers, dairymen, stablemen and horse-shoers. Once tried, you will not be without it.



- 1-quart can \$.35
- 2-quart can60
- 1-gallon can 1.00
- 5-gallon can 4.00



White Orpington
Cock bred by A. W.
Huskins, 713 Water-
erlooo St., Los An-
geles, Cal.

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.

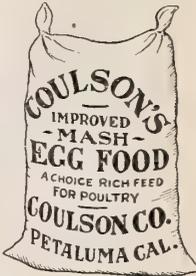
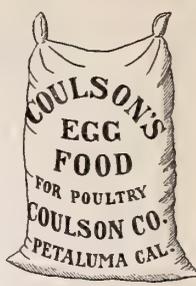
COULSON'S EGG FOOD is the result of much experimenting and study to produce a balanced ration, and is a highly nutritious and palatable food. It is a blending of several different food materials in such proportions as to best furnish the elements necessary to fully nourish the body and promote egg production.

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. Is especially valuable as a food for breeding fowls and ducks. Price per sack of 90 lbs., \$2.30. Ton prices on application.

COULSON'S IMPROVED MASH EGG FOOD is a highly concentrated food, containing a large percentage of protein and egg producing material, due to the quantity of meat meal, blood meal, bone meal, etc., which go toward making up its composition.

You will keep your 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.

Price per sack of 90 lbs., \$2.40, subject to change. Write for price on large quantities.



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 oat 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 FOOD

A Properly-Proportioned Ration for Promoting Quick Growth.

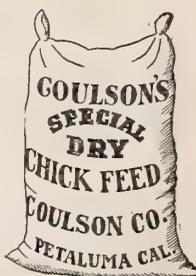
COULSON'S GROWING CHICK FOOD is a balanced ration of cracked grains, seeds, mill feeds, meat and bone meals, carefully mixed according to a formula which has been compiled only after much experimenting.

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.

Price, Coulson's Growing Chick Food, 90 lb. sack, \$2.75.



COULSON'S ANTI-FIGHT

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 one taste 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

COULSON'S CHOLERA CURE. When Cholera is noticed in the flock, separate the infected birds from the healthy, then thoroughly clean houses and yards. Put COULSON'S CHOLERA

CURE in the drinking water. Feed all the flock light, giving a little No. 3 Condition Powder in the mash. Price, 25c per bottle.

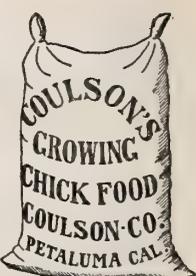
COULSON'S CRESOLENE

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., 85c, 1 gal., \$1.25.

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 toning up and regulating the digestive and reproductive organs of the hens, enabling them to digest and assimilate a much greater percentage of their food than otherwise.

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.

USE IT ONCE or twice a week in the regular feed, and you will keep your hens in the very pink of condition, enabling them to lay all the eggs they are capable of. 2½ lb. pkg., 25c, 10 lb. pkg., \$1.35.



Ask for Coulson's Booklet, "The Right Way."

POULTRY *Germain's* SUPPLIES

Sole agents in Southern California for DARLING & CO., UNION STOCK YARDS, CHICAGO
Manufacturers of Pure Unadulterated Animal Foods.

DARLING'S HIGH PROTEIN BEEF SCRAPS

After years of use **Darling's Beef Scraps** are 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 Scraps combined is sufficient proof that they are the best. We accordingly claim that 100 pounds of **Darling's High Protein Beef Scraps** have the feeding value of 200 pounds of any other scraps. Manufactured only by **Darling & Co.**, who have a special process of extracting the water and fat, leaving only the best of meat in a concentrated form, which will keep in any climate. Price, 50 lbs., \$2.00; 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 thousands of successful poultry raisers have found necessary for the proper development, etc., of chicks. Price per lb., 5c; 50 lbs., \$1.75; 100 lbs., \$3.25.

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 Scratching 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 Alfalfa 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 mixed 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.

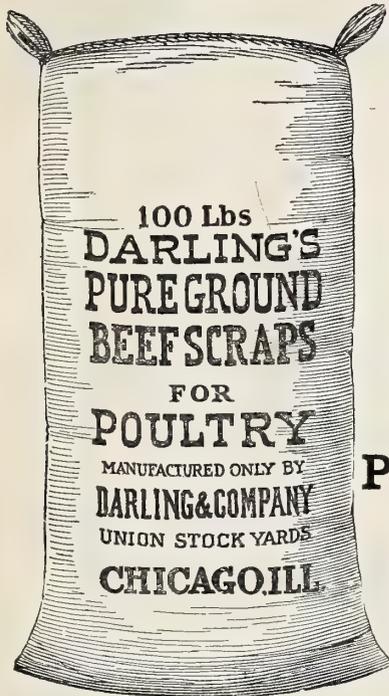
Chamberlain's Perfect Chick Feed

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.

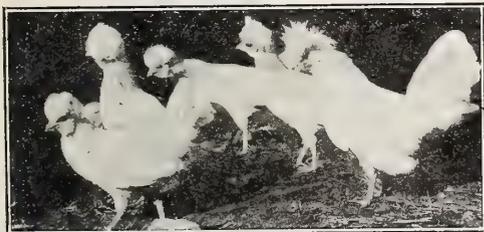
Eastern Willow Charcoal. The grade we are offering is the best obtainable, and must not be compared with that made for fuel purposes. We carry in stock three sizes, namely, coarse, medium fine and pulverized. Prices: 3 lbs. 25c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.50.

GERMAIN'S PURE BLOOD MEAL

Pure Blood Meal, or dried blood, is a great protein-carrier and as an egg-producer it stands high on the list. The grade we offer is especially prepared by a process which eliminates disease germs and other undesirable elements. Our pure blood meal is the best on the market and received special mention from the United States Experiment Station at Berkeley, Cal., Bulletin No. 164 on account of the high per cent of protein it contained (76.17) and the small per cent of fat (1.03). When you feed blood meal, be sure it is Germain's. Lb. 5c; 50 lbs. \$1.85; 100 lbs. \$3.50.



Black Minorca
bred by
J. K. Duke
R. F. D. No. 8, Box
74 C, Los Angeles,
Cal.

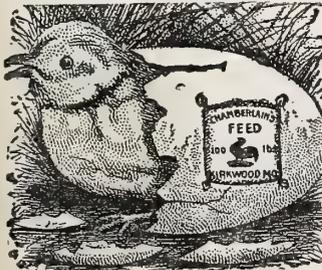


White Polish Bantams "Looking for Germain's Premium Scotch Food."

Speaking from experience with it we can safely say it stands in the forefront of all brands of chick feed on the market today. Price 5c per lb.; 50 lbs. \$2.00; 100 lbs., \$3.50.

Cotton Seed Meal. As a food for poultry Cotton Seed Meal has proven to be richer than Flax Meal or any other similar food; assisting greatly the egg production. For fattening market poultry it is excellent, imparting to the skin a rich yellow color. Price 100 lbs. \$3.00.

Raw Bone Meal. (Granulated or Fine). It is made from fresh bones from which the moisture has been taken, leaving nothing but the phosphates, lime and protein. Bone is especially valuable as an egg producer. Prices: 100 lbs. \$2.50; 50 lbs. \$1.25; 1 lb. 3c. Special prices on ton lots.





Hen Pigeon owned by J. A. Cox, 218 E 25th St., Los Angeles, Cal.

GERMAIN'S PREMIUM PIGEON FOOD

Fed and Indorsed by J. A. Cox, President Southwestern Pigeon and Bantam 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 SCRAPS

50 lbs., \$1.85; 100 lbs., \$3.50. 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, \$3.00. 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.

Clam Shell. Made from clean, fresh shells crushed to suitable size. Price per 100 lbs. \$1.00; 1 lb., 1 1/2c.

Canadian Field Peas. The finest pigeon food, 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., 1c. 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 and quickly attracts the attention of the fowls. Price, 100 lbs., \$1.25; 1 lb., 1 1/2c. 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:

Linseed 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 pre-pay postage.

	Per lb.	3 lb.
Mixed Bird Seed	10c	25c
Mixed Canary and Rape	10c	25c
Canary Turkish	10c	25c
Hemp	10c	25c
Millet, Italian	10c	25c
Maw (Blue Poppy)	30c	
Lettuce Seed, for birds	25c	
Cuttle Fish Bone	40c	
Millet, White French	20c	
Sunflower, Russian	10c	25c

Bird Manna keeps cage birds in constant song, improves their plumage and prevents disease. Price, 15c per tube.

Spratt's Bird Tonic (Henning's). For the prevention and cure of all diseases which cage birds are subject to. Prices, in bottles, 20c. Not mailable.

Spratt's Song Restorer. (Dunlap's). A treat and tonic for canaries, linnets, and all seed eating birds. Price, 20c. By mail 25c.

Spratt's Bird Lice Destroyer, (Henning's). For dusting the feathers. Price, 20c. By mail, 23c.

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, Black birds, 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 clear 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.



Fish Bowl

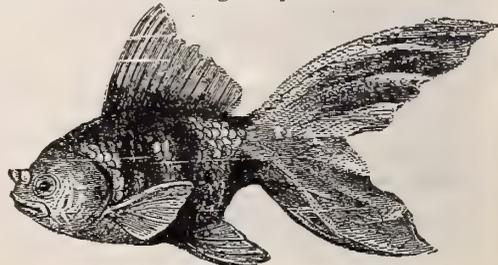


BOOK ON DOG DISEASES—AND HOW TO FEED—FREE

CLAYTON'S CELEBRATED DOG REMEDIES

Users of Dog Remedies are Using Clayton's Remedies

Condition Pills	50c	Canker Lotion	50c
Diarrhoea Cure	50c	Fit Cure	50c
Blood Pills	50c	Sulphur Tablets	50c
Laxative Pills	50c	Ceoline Soap	10c
Eye Lotion	50c	Puppy Tonic	50c
Tapeworm Expeller	50c	Distemperine	50c
Rheumatic Tablets	50c	Shampoo	25c
Ceoline Dog Wash	50c	Digestive Tablets	50c
Hair Tonic	50c	Vermifuge	50c
Mange Cure	50c	Cough Cure	50c
Worm Pills	50c	Goitre Cur e	\$1.00
Chorea Cure	50c	Dog Soap	20c



Japanese Fantail Gold Fish



CAT AND DOG REMEDIES

These remedies are being used by the leading fanciers everywhere.

"SPRATT'S" MEAT "FIBRINE" VEGETABLE DOG CAKES.

The standard dog food. Used at the leading kennels and dog shows 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.

A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old and they should be continued until such time as their teeth become sound and strong, usually when they are about 6 months old. Follow directions on each package. Prices: 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 only for grooming. Coarse, Medium, Fine, Very Fine are single-edge. Price 60c each postpaid. Double edge, 75c postpaid.

Catnip Ball. Its object is to afford amusement to 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.

CLAYTON'S CAT REMEDIES

A Treatise on the Cat by Geo. W. Clayton. Free on Application.

Mange Cure	50c	Canker Lotion	50c
Tonic Catnip	50c	Cough Cure	50c
Laxative Tablets	50c	Cat Wash	25c
Vermifuge	50c	Distemperine Tablets	50c
Fit Cure	50c	Digestive Tablets	50c
Mouth Wash	50c	Tapeworm Expeller	50c
Distemperine	50c	Eye Lotion	50c
Blood Tablets	50c	Diarrhoea Cure	50c
Worm Tablets	50c	Cat Soap	25c

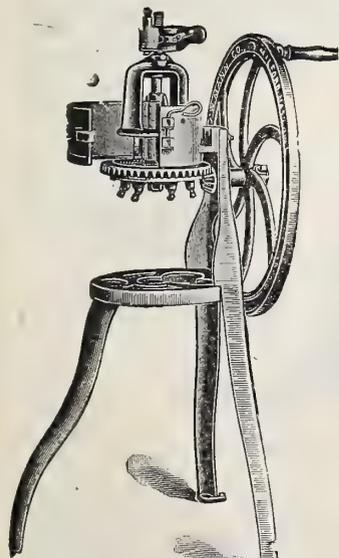


Black and Buff Orpingtons bred by C. A. Latham, 807 E 23d St., Los Angeles, Cal.

TOOLS AND IMPLEMENTS

Mann's Green Bone Cutters. Will cut fresh bone 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 rad-



Mann's New Model Bone Cutter No. 7.

ical improvements, which have increased its efficiency, fully one hundred per cent. Among the most important improvements are its enlarged table, open hopper, (an advantage in cleaning the knives and hopper after using) and new device to control feed, enabling the operator to set it to suit any 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, cannot warp or shrink. It cuts any kind of hay or clover, either dry or green, and more rapidly than any other. All dangerous parts are enclosed, so that children will run no risk in using it. Price with stand, \$12.00. Price without stand, \$10.00.

MANN'S CAST-IRON MOTOR.

Designed expressly for breaking glass, crockery ware, oyster shells, or other dry substances for poultry. Grit for poultry must be coarse to be of any value. Weight, 33 lbs.; height 12 inches, 9 inches square; pestle, 4 feet long. Price, \$4.00.

Weight, 33 lbs.; height 12 inches, 9 inches square; pestle, 4 feet long. Price, \$4.00.

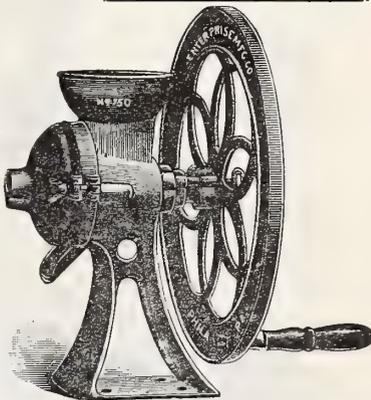
Capacity—60 lbs. of Corn per hour.

It is a well-known fact that ground bones and shells, cracked corn, etc., are excellent for poultry. This Mill is especially adapted for grinding bones (when dry only), Oyster and other Shells, Corn, Roots, Bark, Grain, Salt, etc. When it is considered Ground Bones is one of the best fertilizers, the Mill soon pays for itself for that purpose alone.

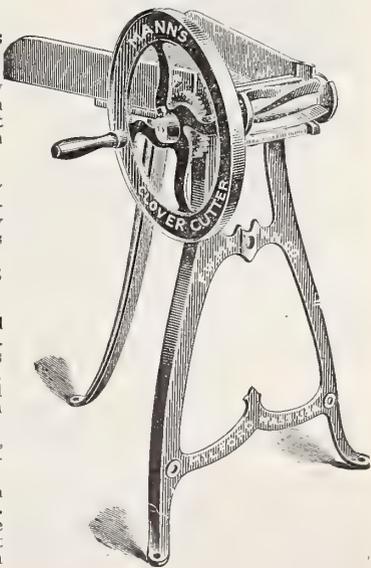
It is a general Mill for Farmers, Poultrymen, etc., and for compactness, strength and durability we regard it as unexcelled. Price, \$9.00.

This Mill is not intended for Grinding "Green Bones." "Green Bones" can only be shaved, not ground.

The Motezuma Grinding Mill (Wet or Dry). The Motezuma Mill is especially adapted for grinding wet grains, such as wet corn, soaked wheat and fresh meat, etc.; will also grind dry grains of any kind, is simple, cheap, strong, and durable; only two parts to wash and clean. Price, \$7.00.



Enterprise Bone and Shell Mill



Mann's Clover Cutter

TOOLS AND IMPLEMENTS (Continued)

LIST OF MANN'S GREEN BONE AND VEGETABLE CUTTERS.

No. 5 Balance wheel, closed hopper; 60 lbs. \$ 9.50	No. 9 Same as No. 7 with open power attachment, but larger; 170 lbs. 21.50
No. 7 Balance wheel, open hopper. 107 lbs. 15.00	No. 11 Same as No. 9 with power attachment; 215 lbs. 30.00
No. 7½ Same as No. 7 with open power attachment; 150 lbs. 19.00	

There are several larger sizes of bone cutters which we can secure on application.

Silver's Clover Cutter—A practical, inexpensive machine for poultry raisers. Specially designed for cutting clover, alfalfa, etc., for feeding poultry. This machine has four 8-in. solid center spiral knives and cuts ½-in. in length. Will cut a bushel of clover easy in ten minutes. Price, \$7.50.

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.

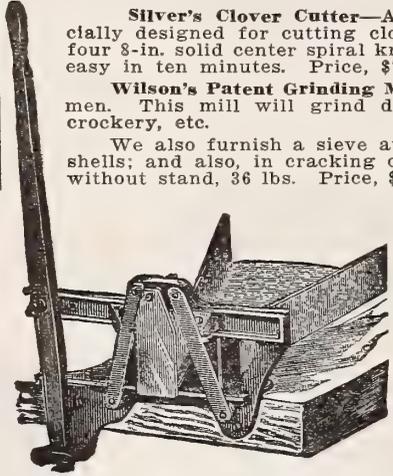
We also furnish a sieve attachment to this mill to take out the dust when crushing shells; and also, in cracking corn to take out the fine meal. Price, 60c extra. Weight without stand, 36 lbs. Price, \$5.00. Weight with stand, 64 lbs. Price, \$7.00.

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 11 inches wide; weight 7 pounds. Price, \$3.50.



Wilson's No. 1 Mill

BLACK HAWK GRIST MILL



Black Minorca Hen bred by C. C. Bonnell 2917 Brighton Ave., Los Angeles, Cal.

PERFECTION ALFALFA CUTTER

A CONVENIENCE AND A MONEY SAVER.

The Black Hawk Grist Mill grinds Corn into meal,

wheat into graham flour, or will crack it for breakfast foods.

Grinds rice into flour, cracks peas for soups; grinds beans, coffee, spices, salt, sugar, and makes buckwheat flour.

For people who keep poultry the Black Hawk Grinder has a double value.

It has been proven by poultry experts that cracked grain is much more valuable than whole grain for feeding to fowls. Weight of mill, 17 lbs. Price complete, \$3.00. Extra grinders, per pair, 40c.



Black Hawk for feeding to fowls. Weight of mill, 17 lbs. Price complete, \$3.00. Extra grinders, per pair, 40c.

American Meat and Vegetable Chopper—This is the best thing ever offered of its kind; will chop anything except bone or similar hard substances. These cutters do not grind, tear or mash the food, but cut it fine or coarse as desired. Prices as follows:

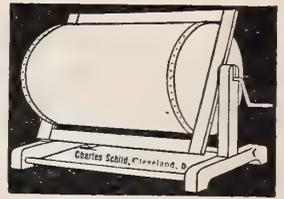
- No. 2. 10 in. Cylinder. Weight 21 lbs. Price, \$7.00. Cuts 2 lbs. per minute.
- No. 3. 12 in. Cylinder. Weight 37 lbs. Price \$10.00. Cuts 3 lbs. per minute.

Fire Fly Hand Plow—The very best thing for poultrymen to keep their yards cultivated, clean, fresh and healthy. Price, \$3.00. For illustration and further information, see page 105.

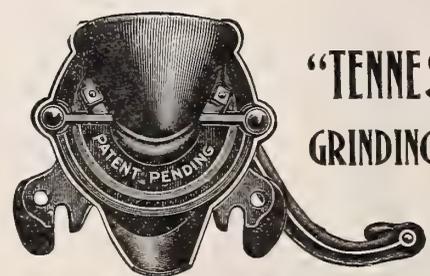
"New Model" Clover Cutter. Will cut either green or dry clover, alfalfa, straw, vegetable tops, etc., in ½ inch length, suitable for chicks or grown fowls. The cutter bar is adjustable, and easily accessible for sharpening; the four, 7 inch spiral steel knives can readily be removed for sharpening. Has large capacity, strong feed and runs easily. Length of cutter 28½ inches. Weight 60 lbs. Price \$10.50.

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. No. 2 for 4 large fowls or 50 to 60 chicks; price \$4.00. - Schild's Lightning Lice Killing Powder ½ lb. can 40c; 1 lb. can 75c.



"TENNESSEE" GRINDING MILL.



"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 12 lbs. Price, \$2.75.

POULTRY *Gerrain's* SUPPLIES



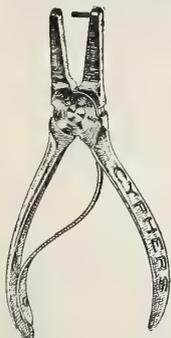
THE "ACME" LEVER POULTRY MARKER.

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 all as a practical tool. Cyphers perfect marker is made especially for the work of marking chicks. It makes a good, clear, 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.

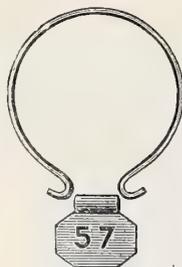


Thirty Possible Toe Marks

ALUMINUM PIGEON BANDS, SEAMLESS.
Made from aluminum tubing. Are put on safely when birds are young. Are very light. Price, 12 for 20c, 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 20c, 25 for 40c, 50 for 75c, 100 for \$1.25, postpaid.



Climax or "Stay-On" Leg Bands

Made of pliable aluminum, which can be adjusted to fit any size of leg. Three-inch size for all ordinary breeds; 4-inch size for extra large and turkeys. All neatly numbered. 12 for 15c, 25 for 30c, 50 for 50c, 100 for 80c, postpaid.

Leg Bands

The Improved Champion

Made of pliable aluminum, which can be adjusted to fit any size of leg. Three-inch size for all ordinary breeds; 4-inch size for extra large and turkeys. All neatly numbered. 12 for 15c, 25 for 30c, 50 for 50c, 100 for 80c, postpaid.

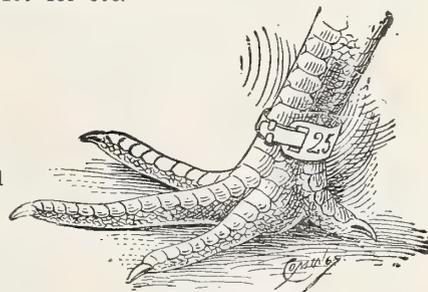
OPEN PIGEON BANDS

Made from flat aluminum. Price, 12 for 15c, 25 for 30c, 50 for 50c, 100 for 80c.

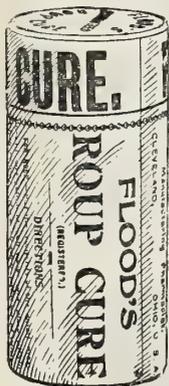


White Indian Runner Ducks owned and bred by Mrs. M. E. Grey, R. F. D. No. 4, Box 249, Los Angeles.

Use the Improved Champion Leg Band



POULTRY FOODS, REMEDIES, ETC.



Pratt's Poultry Food. A poultry regulator, absolutely pure; quickens the growth of young chicks, prevents and cures all poultry diseases. Makes hens lay; 1 lb., 25c; 5 lbs., 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, Chicken Pox. Price, 25c, 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 disease. We highly recommend International Roup Cure. It will save your fowls and make them profitable. Price per tube, 50c, postpaid; 6 tubes, \$2.50, 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.

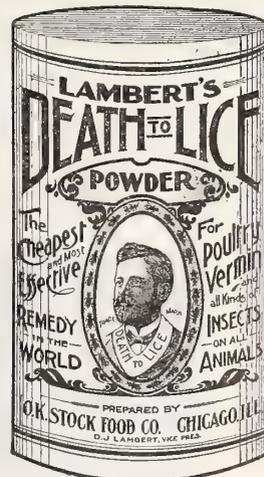


Lambert's Death to Lice. There is nothing in "Death to Lice Powder" that will injure a setting hen, the eggs or the little chicks, even should they hatch in it. Its effect is immediate. It can be sprinkled in the chicken coops and around the roosts.

Death to Lice. 5-oz. box, 10c; if by mail, 15c; 15-oz. box, 25c; if by mail, 40c; 3-lb. pkg., 50c; by mail, \$1.00; 100-oz. pkg., \$1.00.

Lambert's Head Lice Ointment. For head lice on chicks; to be used on the head and throat of the chicks. 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.

POULTRY *Germain's* SUPPLIES



Mammoth Bronze Turkey bred by Chas. G. Weaver, Garvanza, Cal.

Opal Nest Eggs. Very useful and necessary; saves leaving 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.

Medicated Nest Egg. 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, 90c each.

The Ideal Egg Carton. Made of heavy tag; holds one dozen eggs; very rigid and compact. Price, per dozen, 20c; per 100, \$1.25.

Price, per dozen, 20c; per 100, \$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 temperature in incubation means profit and satisfaction. The degrees are etched 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 velvet-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.

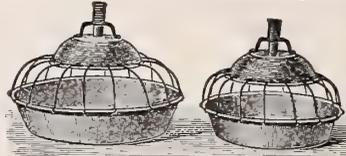


Farmer's Patent Caponizing Set. All in velvet-lined case. Price by mail, postpaid, \$3.00. Price complete, in paper box, \$2.50.

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



Hallock's Food Holders

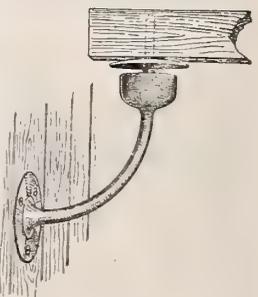
the food or water and soiling it. A saving of 15 to 25 per cent may be counted on in the soft food with these holders. Price, 1-gallon size, \$1.00; 2-gallon size, \$1.25.

Pilling's Roup Syringe. For administering liquid roup remedies. Price, with full instructions for using, 10c each, postpaid.

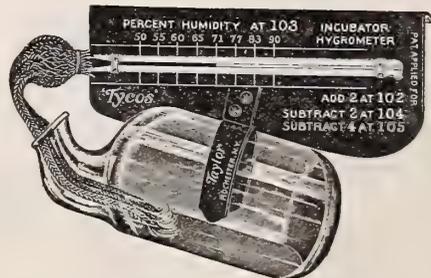
The Philadelphia Poultry Marker. Over 200 different marks can be made by punching the web between the toes. It is well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Price, 25c each, postpaid.

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 life-time. 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 dust. Fill the cup with Conkey's Lice Liquid. It is then impossible for lice to pass from the walls of building to the roosts, or from the roosts to the building.



Prices: Per pair, 40c; per dozen, single hangers (six pairs), \$1.80.



"Tycos" 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 "Tycos" 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.

POULTRY *Germain's* SUPPLIES

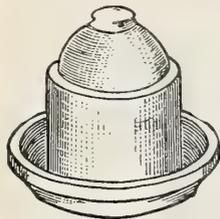


Sanitary Fountains. (Stone). These fountains, when in use, are filled to the top. They have a glazed surface. 1-quart, 25c; 2-quart, 35c; 1-gallon, 45c; 2-gallon, 60c.

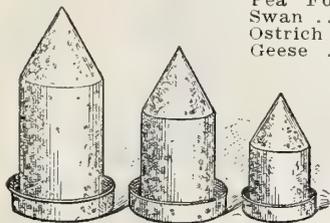
Sanitary Grit and Shell Box. Manufactured from the best galvanized iron. Contains three compartments, each holding two quarts. Can be hung up against the wall at any height desired. Will last a lifetime. Price, 75c each, \$7.50 per doz.

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 fowls. Price, single, \$1.00; double, \$1.50. Special price on large quantities.



Sanitary Fountain



Perfect Drinking Fountains

PERIODS OF INCUBATION.

	Days
Chickens	21
Turkeys	28
Pekin Ducks	26
Muscovy Ducks	36
Most other Ducks	28
Quail	24
Pheasants	24
Pea Fowl	28
Swan	42
Ostrich	40
Geese	35

Perfect Drinking Fountains. Made of heavy galvanized iron. Easily cleaned. Fowls cannot get on top of in-to them, nor turn them over. Prices: 1 quart, 25c; 2 quarts, 35c; No. 3, 1 1/2 gallons, 60c. Special discount on large quantities.



CHICK FEEDER

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 3 inches wide, and 2 1/2 inches high; weight, 1/2 pound. Price, 25c.

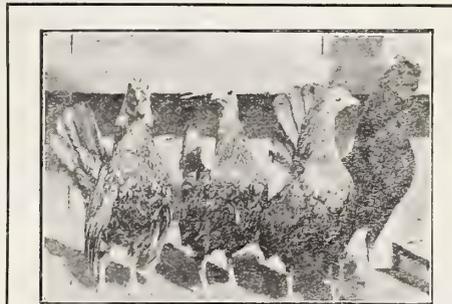
24-in. single chick feeder, each 50c.

24-in. double chick feeder, each 80c.

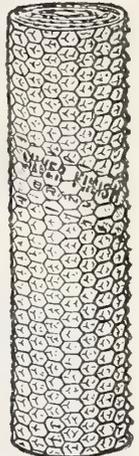
12-in. double chick feeder, each 50c.

PITTSBURG PERFECT POULTRY AND STOCK FENCE.

The Pittsburgh Perfect Poultry and Stock fence fills every requirement of a poultry fence, and is amply 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, \$6.50; 52-in. high, \$6.00; 46-in. high, \$5.50; 36-in. high, \$5.00. Each roll contains 10 rods or 165 lineal feet. Netting staples per lb., 10c—10 lbs., 75c.



Golden Sebright Bantams, bred by M. E. Dillingham, San Gabriel, Cal., vice-president So. Western Pigeon and Bantam Club



Silver Finish Netting

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, 3, 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:—

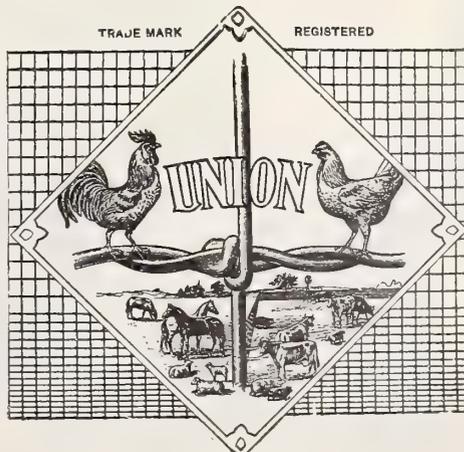
1 ft. high, 2 in. mesh, 150 ft. long	.....\$ .85 per roll
1 1/2 ft. high, 2 in. mesh, 150 ft. long	..... 1.30 per roll
2 ft. high, 2 in. mesh, 150 ft. long	..... 1.65 per roll
3 ft. high, 2 in. mesh, 150 ft. long	..... 2.50 per roll
4 ft. high, 2 in. mesh, 150 ft. long	..... 3.30 per roll
5 ft. high, 2 in. mesh, 150 ft. long	..... 4.15 per roll
6 ft. high, 2 in. mesh, 150 ft. long	..... 4.95 per roll
1 ft. high, 1 in. mesh, 150 ft. long	..... 1.95 per roll
1 1/2 ft. high, 1 in. mesh, 150 ft. long	..... 2.90 per roll
2 ft. high, 1 in. mesh, 150 ft. long	..... 3.85 per roll
3 ft. high, 1 in. mesh, 150 ft. long	..... 5.80 per roll

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:

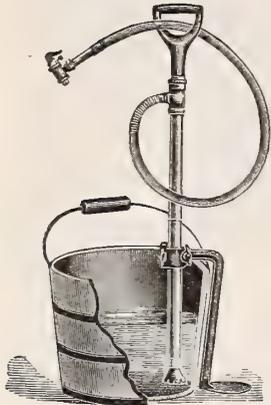
3 ft. high, 165 ft. long	.....\$3.75 per roll
4 ft. high, 165 ft. long	..... 4.95 per roll
5 ft. high, 165 ft. long	..... 5.55 per roll
6 ft. high, 165 ft. long	..... 6.00 per roll
Wire Staples	..... 10c per lb

Prices subject to market changes.



Union Lock Poultry Fence

SPRAY PUMPS, NOZZLES AND APPLIANCES



Deming Prize Spray Pump

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 whitewash or any other mixture. No leather valves. Throws 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 1/4-inch Brass Tube Cylinder; has Brass Ball Valves and Valve Seats, and Brass Plunger with improved packing. The Air Chamber is ample in capacity, and is made of 2 1/4-inch boiler tubing. The discharge connection is fitted for 1/2-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 with one 12 1/2-foot section of 1/2-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. We recommend this outfit where a large number of trees are 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 valves 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 1/2-inch hose, with couplings, pole holder, double spraying attachment and Demorel 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 bucket and pump firmly together, so that the entire outfit may be carried in one hand. Four feet of 3/8-in. 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 is not affected by arsenite used in different formulas for spraying. Has brass ball valves, easy to operate, and gives extraordinary power. It will throw a solid stream 25 feet. No. 324, as 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 1/2 is supplied with an Imperial Nozzle and Myers Sprinkler Nozzle. Price, \$3. Eight foot extension rods for Myers pumps 50c each. Bordeaux Nozzles for whitewashing. Price, \$1.00.



Deming Perfect Success



Bordeaux Nozzle
Price, \$1.00



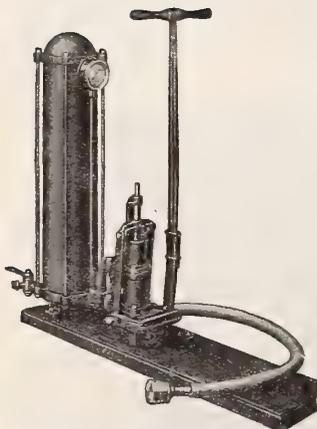
Deming Captain Barrel Spray Pump

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 Plunger, ground bevel valve and seat, also 25 feet of 1/2-in 5-ply hose and place for two hose attachments. Price, \$14.00 with Vermorel or Bordeaux nozzle.



Demings Samson Double-Acting Sprayer. Fig 633

The "**Brandt Easy**" Sprayer is made with galvanized iron tank, and is designed for those who want a small sprayer. It works on the same principle as our regular sprayers—is equipped with shut-off nozzle and funnel. Capacity, 1 gallon. Weights 3 lbs. Price, \$2.75.



No. 324 Myers Bucket Pump

"Ask for Myers Special Spray Pump Catalogue."

GARDEN *Germain's* REQUISITES

AGRICULTURAL AND HORTICULTURAL REQUISITES

REMEDIES FOR INSECTS AND FUNGUS ON PLANTS

Buhach (or Persian Insect Powder). One of the most effective powders for killing all kinds of insects; non-poisonous to everything except bugs; owing to its fineness it penetrates the breathing pores and causes instant suffocation. 10c 1 oz.; 25c ¼ lb.; 80c 1 lb.



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 disinfectants of every description, also Conkey's Lice Liquid. The air chamber is 18 inches in length and 1½ inches in diameter. The reservoir holds about one quar. 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. ½ pint can 50 cts., pint 80 cts., quart \$1.50, gallon \$5.50.

Sulphur (Finest resublimed). Use no other if you wish results; prevents and cures mildew on peas, roses, grapes, etc. Per lb. 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 lb., price on application.

Kill Sure-Soap. Makes a good wash for killing scale and other insects on trees. Dissolve 1 lb. in 6 gallons of water. In bars, each 2 lbs., 25 cts.

Sulpho Tobacco Soap. Exterminates insects. Used as a spray, small bar to one gallon of water. Small bar 10 cts., large size 20 cts., 10 lbs., \$3.00.

Paris Green. ½ lb. box 20 cts., 1 lb. box 35 cts. Prices on larger quantities on application.

Nicotine. A fumigating compound for mealy bug, green fly, etc. Can \$1.25, large size \$2.50.

Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and their eggs on the bark. ½ lb. 15 cts., ¼ lb. 10 cts., 1 lb. 25 cts. For price on large quantity please write.

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 suctorial insects that affect the foliage. Full directions with each can. Per quart, 50 cts.

California Wash. A specific remedy for San Jose scale, oyster shell scale, etc.; full directions accompany each can. 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.



Single Cone Bellows

Improved Single Cone Powder Bellows. Is recommended for spraying powder on insects, rust, smut, mildew, blight, rot in greenhouses, gardens, orchards or fields; for sulphuring plants and rose bushes, it has no equal. Made in four sizes. Prices 60 cts., \$1.25, \$1.75 and \$2.25.

The Tennent Domestic Atomizer. Sprays either liquid or powder; convenient to handle; invaluable in every household. Price, 50 cts.

Jumbo Powder Gun.

This insect powder gun is four inches in diameter, holds about four ounces of powder and by its peculiar shape can be easily handled. The bottom, or spout part, screws on and off, and makes a large opening for filling. Just the thing for applying Devil's Dust or Lee's Insect Powder. Price, 25 cts.



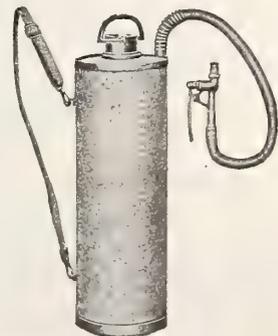
Florodora Powder Gun.

A little larger than the Jumbo and about as large as can be comfortably held in the hand. Price, 35 cts.

Blizzard Powder Gun. Small than the Jumbo; holds about 1½ ounces. Price, 10 cts.

BANNER COMPRESSED AIR SPRAYER

In operating the Banner sprayer all that is necessary is to unscrew the pump, fill the reservoir with liquids, screw the pump in with the hand, and pump in a few strokes of air. This is sufficient to spray out the entire contents. The machine being oblong, gives it a churning motion when carried over the shoulder, thereby keeping the ingredients well mixed. This sprayer is adapted for all kinds of spraying purposes, such as spraying potato vines, garden vegetables of every description, currant bushes, shrubbery, trees, disinfectants, fly oil, in fact, it will spray anything in a liquid form, and for general all around use cannot be excelled. Price, 5.00 with 3 foot brass extension rod.



Western F. & G. Spray

An economical remedy against all scale and fungus growth on citrus, deciduous 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

GARDEN *Germain's* REQUISITES

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 3/4-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 1/2-in. With couplings. 8c per foot.

Continental. This hose we can recommend and guarantee. 3/4-in. with couplings, 14c per foot.

Red Seminole. Guaranteed for one year. 1/2-in., 12c per foot.

Bull-Dog. This first-class 3/4-in. hose is guaranteed for two years. 16 cts. per foot.

Hippo. 3/4-in. size, 20 cts. per foot; 1/2-in. size, 16 cts. per foot. This first-class hose we guarantee. We sell any length you want.

Extra Para 3/4-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. 1/2-in., 16 cts.; 3/4-in., 18 cts. per foot.

Bent Leg Hose Reel. The best wooden reel made—not easily tripped over.

No. A, for 100 feet of 3/4-in. Hose.....\$1.75
No. B, for 200 feet of 3/4-in. Hose.....\$2.50



PLANT STAKES.

Round, painted green and smoothly turned.

	Per Doz.	100
2 feet, light .....	.35	\$2.25
3 feet, light .....	.50	3.75
4 feet, light .....	.75	5.50
3 feet, heavy .....	.85	6.50
4 feet, heavy	1.25	8.00
5 feet, heavy	1.50	12.00
6 feet, heavy	2.00	15.00

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. 1/2-in. or 3/4-in., 15 cts. per pair.

Magis Bands. For fastening on couplings, 5 cts. for 2, 25 cts. per doz.

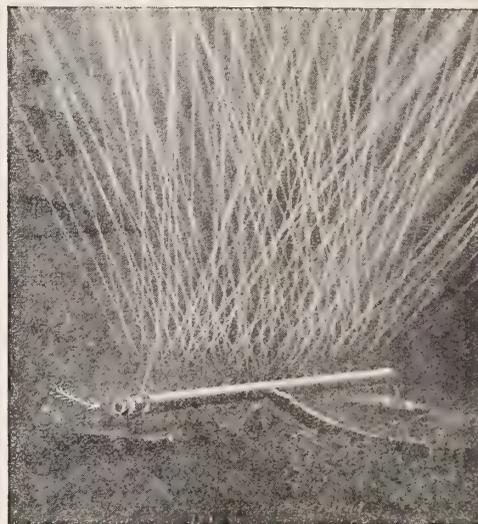
Rubber Washers. 10 cts. per doz.

Hose Menders. Wood. 1/2-in. or 3/4-in., 10 cts. per doz. **The Cooper,** brass, undoubtedly the best hose mender on the market; holds itself by small, sharp teeth; for 3/4-in. hose, 10 cts. each, 25 cts. for 3. **The Dean,** iron, fastened by outside metal bands. For 1/2-in. and 3/4-in. hose, 10 cts. each, 25 cts. for 3.

Lawn Sprinklers. Wilgus, 40 cts. **The Twin,** 35 cts. **Fan,** throws in one direction, 35 cts. **The Little Wonder,** 25 cts. **The Fountain,** \$1.

Garey and Ross Lawn Sprinkler. Brass, nickel-plated. Throws water in fan-shaped spray. Will not injure most delicate foliage. Price, 75 cts. each.

Hose Nozzles. Boston, brass, 50 cts. **Boston Hothouse Rose,** 60 cts.



Meyer's Sprinkler

Meyer's Sprinkler. The best and simplest Sprinkler on the market and is just what you need for your lawn. It is 3 ft. long and made of zinc. Spray is regulated from the hydrant from 3 inches to 10 feet. At one end of sprinkler is a screw cap which can be removed and the sprinkler flushed out. Price, \$1.00 each.

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, 30c; 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.

Forks, Hand-weeding. Best steel, 50 cts. Cast iron, 10 cts., 15 cts. and 25 cts.

Forks, Manure. Four-pronged, \$1.

Garden Lines. In balls, about 200 ft. 60 cts. per ball.

Grafting Wax (Bee's Wax). Subject to fluctuation. Lb. 50 cts. Prices on larger quantities on application.

Grafting Wax, Lion Brand. Pkg. 15 cts., 25 cts. and 50 cts. each.

Grass Hooks, or Sickles. 40 cts., 50 cts. and 60 cts. each.

Hoes, Draw. Cast steel, 5-in. 35 cts., 7-in., 50 cts.

Hoes, Draw, Planter's. Very useful, sharp-cutting. 6-in., 30 cts.; 7-in., 40 cts.; 9-in., 55 cts.; 10-in., 60 cts.

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, 50c.

Knives, Flower-Gatherers. A bar on the blade holds the stem of the nower after cutting. \$1 to \$1.50.

Knives, Potato. Humphrey's concaved and curved, 15 cts.

Knives, Pruning. German Imported (Henckel's) and American makes, 50 cts. to \$1.75.

Manure 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 look otherwise 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. \$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, Malleable Iron. Small, 25 cts.; large, 25 cts.

Rakes, All Steel. 14 teeth, 60 cts., 16 teeth, 75 cts.

Rakes, Steel Bow, Garden. 11 teeth, 70 cts.; 13 teeth, 75 cts.

Rakes, "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.

Raffia. 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.

Saws, Pruning. Brown's 16-in., 75 cts.; Disston's Crescent, with upward cut, 12-in. and 14-in., 75 cts.; "Keen Kutter," double edge, 15-in., \$1.00.

Scythes and Snath. \$1.75.

Cahoon 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.



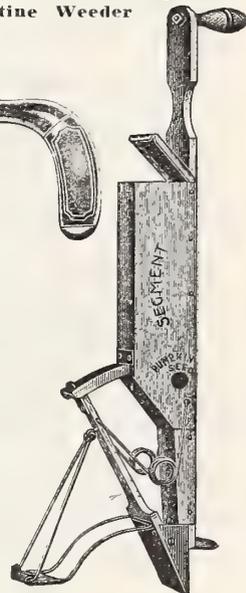
Lifting Weeder



Hazeltine Weeder



Dibble



Segment Corn Planter



Hedge Shears



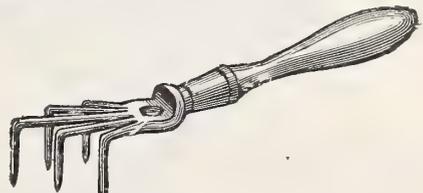
Warren Hoe



Garden Trowel



Border Shaver



Excelsior Weeder



Pruning Shears

GARDEN *Germain's* REQUISITES

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., \$1.15; 10-ft., \$1.25.

Shears, Pruning. Small, for ladies' use; made of fine steel, nickel-plated, in 3 sizes, 80 cts., \$1 and \$1.25.

Shears, Pruning. Henckel's German Imported. \$1 to \$3.50.

We wish to call special attention to the shears which we term **Our Special**, a Henckel shear, unsurpassed by any other article on the market. \$3.50.

Shears, Grass. American, cranked handle, 6-in. blades, 50 cts. English, cranked handle, \$1.

Shovels. Short D-handled, 75 cts. to \$1.25.

Shovels. Long handled, \$1 to \$1.75.

Silkline, 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 spools \$1.50.

Spades. Boys' or ladies' small. 50 cts.

Spades. Best makes, full size, D-handled, \$1 to \$1.75.

Sprinkler, Scollay's Rubber. Indispensable for floral work and window gardening, or sprinkling in any way. In sizes, 60 cts., 75 cts., 90 cts. and \$1.

Sprinkling Cans. Galvanized. 4-qt., 50 cts.; 6-qt., 75 cts.; 8-qt., 90 cts.; 10-qt., \$1.

Squirrel Poison and Gophergo 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.

Traps, Gopher. "Dead-Lock," 35 cts. "Star," 25 cts. "Ward's Novelty," 35 cts.

Traps, Mole. "Olmstead's," sure death to moles, \$2. "The Reddick," 85 cts.

Mole Trap Spear. Each \$1.

Trowels, Garden. American, 6-in. tinned, 10 cts.; 7-in., 20 cts. Same, steel, 35 cts.

Trowels, Garden. English, shank and blade solid steel, 6-in., straight or crooked shank, 60 cts.

Turf Edger. With handle; used for trimming edges of lawns. 75 cts.

Turf Edger. The Hough combination tool. A weeder, edger, hoe, drill, spade and sod-cutter. The handiest tool of the kind made. Long handle. Price, \$1.00.

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. "Hazelbine." 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 1 1/4 inches wide by 8 inches in length, 35 cts. No. 2 with blade 1 3/4 inches wide and 8 1/2 inches in length, 40 cts.

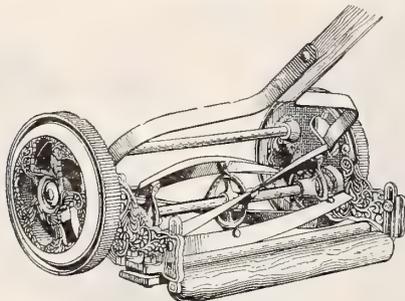
Lifting Weeder. A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 75 cts. each.

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 crucible 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., \$2.50; 14-in., \$4.00; 16-in., \$4.50.

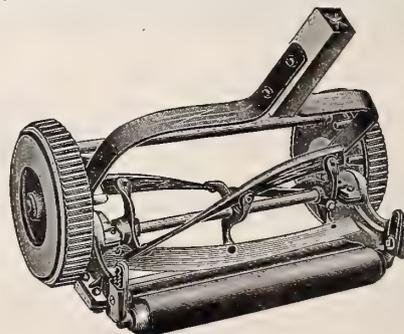
Clean Cutter. A first-class four-blade, 14-in., ball-bearing lawn mower, made of solid cone steel, thoroughly hardened and ground 14-in., \$5.

Pennsylvania Low Wheel. Generally called the low-wheel Pennsylvania. 12-in., \$8; 14-in., \$8.75; 16-in., \$9.75; 18-in., \$10.75.

Braun Grass Catcher. Canvas sides, galvanized bottom that will not sag. Fit all Pennsylvania Lawn Mowers. Each \$2 and \$2.25.

Pennsylvania Junior Ball-Bearing. The Pennsylvania Junior is the best-known Mower for all classes of work. 15-in., \$13.75; 17-in., \$15.50; 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.

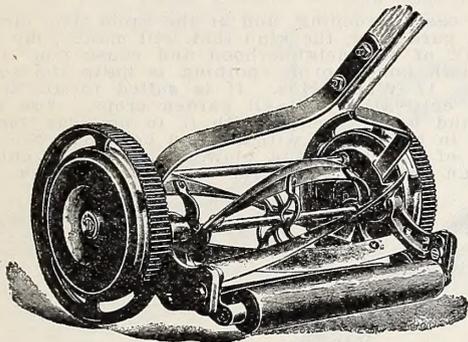
Crestlawn. Every bearing Ball Bearing. Wheel, 11 inches; Ball Bearing; Cone adjustment reel, 6-inch, 5-blade; Ball Bearing. The type of construction used in this mower produces the most rigid frame possible to build. 14-in., \$11; 16-in., \$12.

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.

GARDEN *Germain's* REQUISITES

MISCELLANEOUS TOOLS (Continued)

Wizard Plain Bearing. Drive wheel, 9 inches. Four tempered tool steel knives on reel. Under knife nicely tempered. 14-in., \$6.50; 16-in., \$7.50.



The Wizard

Wizard Ball Bearing. Drive wheel, 9 inches. Patent Cone adjustment. Cones cannot work loose. Cones hardened and ground. Four tempered tool steel knives on reel. 14-in., \$7; 16-in., \$8.

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.; 16 to 18 in., 75 cts.

Grass Catcher, Henley Simplex. This grass catcher is light and substantial. Steel bottom, \$1.

Grass Catcher, Easy Emptying. One of the best catchers. No. 1, 16-in. to 20-in., \$1.35; No. 2, 12-in. to 16-in., \$1.25.

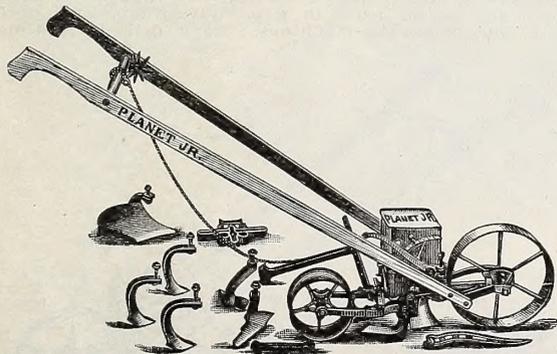
"The It" Grass Catcher. All canvas, instantly to fit any Mower. Size No. 1, 60 cts.; No. 2., 75 cts.

"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 any who desire 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



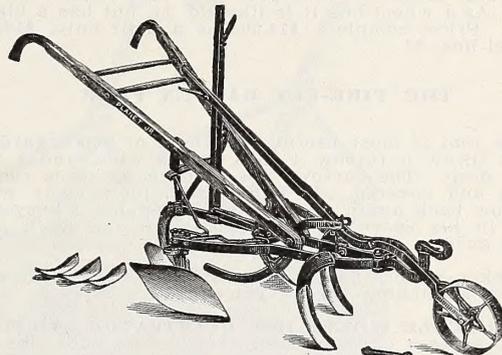
No. 4 Combined Tool

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 HORSE HOE AND CULTIVATOR.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It

opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any

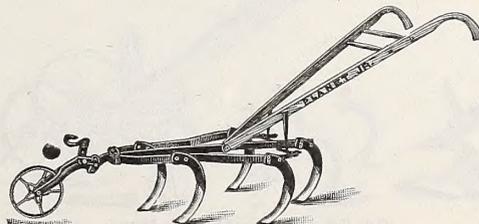


No. 8 Horse Hoe and Cultivator

depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Price, \$10.50. Without depth regulator (order as No. 7), \$10.

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. 4 Plain Cultivator

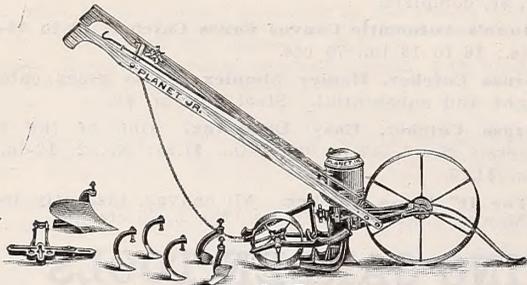
It is used either with or without a wheel, the wheel being preferred in most sections. For very narrow rows, the outside teeth and standards may be removed from the frame. Price, \$6.65.

GARDEN *Germain's* REQUISITES

"PLANET JR." GARDEN TOOLS (Continued)

NO. 6 HILL AND DRILL SEEDER AND SINGLE WHEEL HOE.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills at 4, 6, 8, 12 and 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down feed rod. No 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-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. As a wheel hoe it is like No. 17, but has a higher wheel. Price, complete, \$14.50; as a drill only, \$12; as a wheel hoe, \$7.

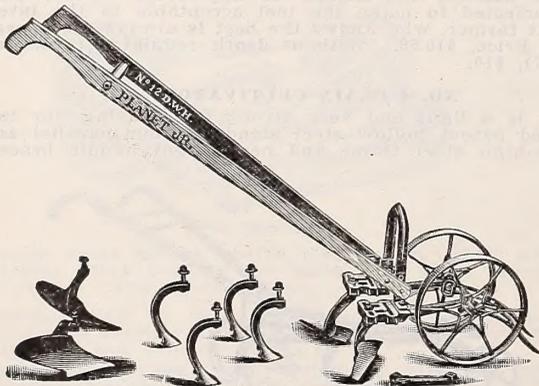
THE FIRE-FLY GARDEN PLOW

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

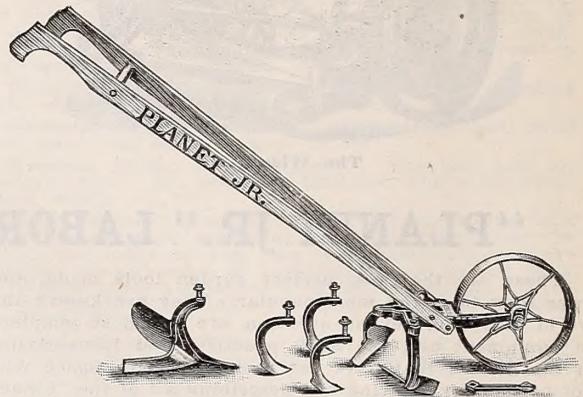


No. 12 Double Wheel Hoe

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,

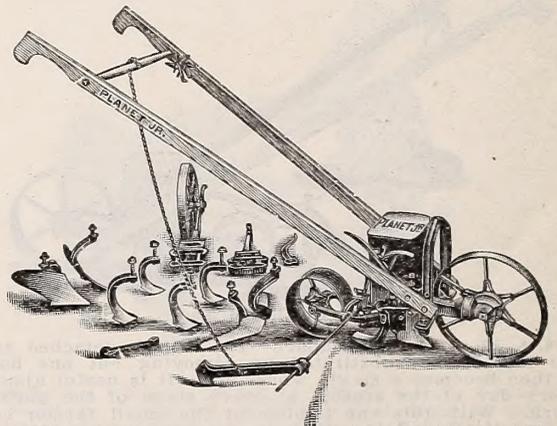


No. 17 Single Wheel Hoe

\$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

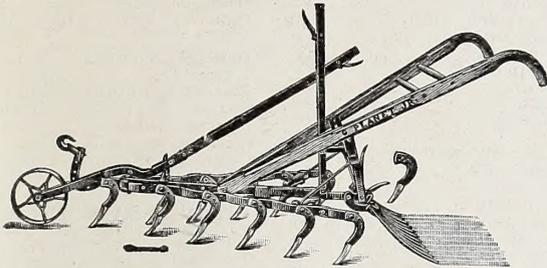
identical with the "Planet Jr." No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. As a wheel hoe it is identical with the "Planet Jr." No. 12. Double Wheel Hoe, the very best machine on the market. The change from wheel to drill hoe takes but a moment, and the whole combination is one that we can heartily recommend and guarantee satisfactory. Price, \$14.50.

GARDEN *Germain's* REQUISITES

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



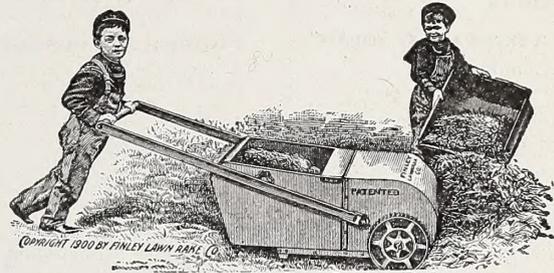
12-Tooth Harrow, Cultivator and Pulverizer

weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It is a special favorite with strawberry-growers, market-gardeners and truckers. Price, complete, \$10.50; without wheel, \$8.60; without the wheel and pulverizer, \$7.30.

THE FINLEY ROTARY LAWN RAKE.

(We are sole agents for California, Arizona and New and Old Mexico.)

Everyone who has ever raked a lawn knows what a slow, hard, tedious job it is, and how unsatisfactory it is when done; for the rake will always miss some grass.



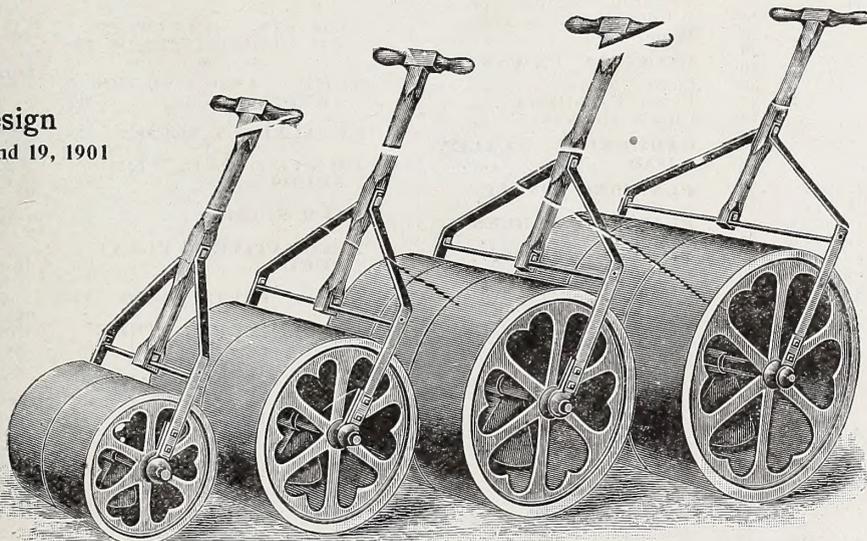
The Finley Rotary Lawn Rake

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 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

- | | | |
|--|---------------------------------|---------|
| No. 1.—15 inches in diameter, 15 inches long, in two sections, | 7½-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. 9.—24 inches in diameter, 20 inches long, in two sections, | 10 -inch face, 400 lbs. weight, | 30.00 |
| *No.20.—20 inches in diameter, 20 inches long, in two sections, | 10 -inch face, 300 lbs. weight, | 28.00 |
| No. 15.—28 inches in diameter, 30 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.

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.



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