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Oriental's

1. Chinese Cabbage Wong-Bok Paoting. (Pkt. 10c.) (1 lb. $1.50) (2 lbs. $3.00) postpaid. See Page 1.

2. Japanese Chrysanthemum. Plant 20c. each, 5 for $1.00 postpaid. See Page 54.

3. Iris Kaempferi. Seed Pkt. 15c. 3 Pkts. 40c. Plant each 50c., 3 for $1.25 postpaid. See Page 43.

4. Lilium Giganteum. Each 50c., 3 for $1.50 postpaid. See inside back cover.

5. Lilium Rubrum. Each 35c., 3 for $1.00 postpaid. See inside back cover.
and they are imported directly from these countries into our hands. We guarantee the quality to be pure and strong in
standard varieties.

the Oriental Vegetables and Flowers and also domestic varieties that prove to be sufficient merit to warrant recognition as
vitality with high germination.

any other matter of any seeds, bulbs, plants, or trees they send out, and will not be responsible in any way for the crop. If

Non-Warranty—Please note that there are so many contingencies to be encountered in growing plants from seeds and in
setting out plants that are dependent on the weather and other conditions over which we have no control, that success in
planting is not altogether dependent on the seed or plant. We send out only seed which we believe will grow and produce
the kind of plant and variety represented.

The Oriental Seed Company gives no warranty, express or implied, as to description, quality, productiveness, or
any other matter of any seeds, bulbs, plants, or trees they send out, and will not be responsible in any way for the crop. If
the purchaser does not care to accept the goods on these terms they should be returned at once.

In offering this catalogue we do so with the purpose of submitting an intelligent list of the seeds of our specialty,
the Oriental Vegetables and Flowers and also domestic varieties that prove to be sufficient merit to warrant recognition as
standard varieties.

Our Oriental Seeds are produced in our own gardens in Japan and China under a great care and personal control,
and they are imported directly from these countries into our hand. We guarantee the quality to be pure and strong in
vitality with high germination.
25c. Coupon Order Sheet

The Oriental Seed Co.
1338 Post St. P.O. Box 3085 San Francisco, Calif.

Please and the following goods as per address and instructions here with, and for which find enclosed $______________

To (Name) ________________________________
(Miss or Mrs.) ____________________________
City ____________________________ Country ____________
No. ____________________________ State ____________
(R. F. D. or Street) ____________________________
Express or Freight Station ____________________________

State your preference by Post, Express or Freight.

WE PREPAY THE POSTAGE on all seeds, plants and bulbs, except where noted. Field seeds, potatoes and other goods, except as noted, we ship by freight or express, purchaser paying charges.

We, The Oriental Seed Co., exercise great care to have all seeds pure and reliable, but do not give any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Additional order blanks will be sent upon request. Always write letters on a separate sheet from your order.

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**Is Your Order Complete?** Before mailing this please look over each department of our Catalog and you will doubtless find many items that are just what you want.

**Questions** Should you desire to ask any questions, kindly write them on a separate sheet of paper enclosed in same letter so as to not delay the filling of this order.

All orders for potatoes, plants and other perishable goods are carefully booked on receipt and filled in rotations as soon as weather permits. If you direct them shipped before danger of frost is past, they go at buyer's risk.

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If you think any of your friends or neighbors would like to receive a copy of Oriental's Annual, please write their names and addresses in the space below. We shall appreciate this courtesy.

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The Oriental Seed Co., 1538 Post St. San Francisco, Cal.
Oriental’s "Quality" Seeds

We prepay charges anywhere in this country on all vegetable, flower, field and grass seeds in packets, ounces, 1-pound and 10-pound lots. In quantities of twenty-five pounds and over, special prices will be made where not already listed which do not include free delivery. Fertilizers, insecticides, tools and nursery stock are not prepaid except where specially stated.

FOR FOREIGN ORDERS, add postage at the rate of 14 cents per pound (35 cents for Cuba). All orders for foreign countries are packed carefully and are sent by insured mail when possible. Shipment, however, is made at customer’s risk.

Chinese Cabbage

Acres of Chinese Cabbage on Our Paotingfu Farm in Chili, China

ness and mild flavor make it peculiarly appetizing. It may also enter into a coloration salad, by stripping the leaves from the central stalks and cutting up the stalks as with celery, for which it makes an excellent substitute. The stalks, when stripped, appear like celery and will be eaten with an equal zest. When cooked in any of the ways in which ordinary cabbage is used, it not only equals, but, in some respects, surpasses the latter.

The culture is the same as for spinach or lettuce. The seed should be sown any time after May, and for main crop from July to September, 1 inch deep in the row and rows about 24 inches apart. When the plant has grown up 5 to 6 inches thin out to 10 inches apart. Cultivate well and when large enough they should be blanched by earthing up and tying closely with burlap. Any good soil is sufficient, but they seem to head up best in rich, black adobe soil. One ounce of seed is enough for 500 feet of drill.

"PAOTING" GENUINE "WONG-BOK" Registered brand (結球白菜)—Big compact tender and crisp. An excellent “Wong-Bok.” We have found this to be absolutely the best firm-heading “Chinese Cabbage” to grow during the summer months. It will not scald or burn and will make a head when other varieties fail. It somewhat resembles “Kinshu” in shape and “Shantung” in character of leaf, color and size, but the head is more tightly compacted. It will produce a head of 15 pounds and will stand long before bolting to seed. It is excellent in quality; crisp, tender and brittle, with a fine celery flavor. We recommend it either for the market gardener, trucker or private planter, as it is a perfect “Chinese Cabbage” in every respect, not only being in the largest size, but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant, as it does well at all seasons and one is almost sure of getting a crop. It is vigorous and free from insects. (Pkt. 10c.) (Oz. 50c.) (4 Ozs. $1.50) (lb. $5.00) (2 lbs. $3.00) postpaid. This seed grown in our Paotingfu Farm, in Chili, China.

"PEKING" GENUINE "PE-TSAI" (Registered brand)—(Pkt. 10c.) (Oz. 50c.) (4 Ozs. $1.53) (lb. $5.03) (2 lbs. $3.03) postpaid. For description see inside page of back cover.

CHOSEN PE-TSAI—This is an old and popular standard variety of Pe-Tsai with excellent flavor. Original Korean production. Grows up more like the Cos-lettuce, with broad clumped leaves and of easy culture, tender and mild in cabbage flavor. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 60c.) (lb. $1.80) (2 lbs. $2.90) postpaid.

CHOKUREI PE-TSAI—Easily grow to 7-8 pounds a head in ten weeks. A most excellent one among the varieties. Large outs' leaves with a yellow striped color and the inside leaves grow round gradually, more like the Cos-lettuce. The heart is pure white, tender, sweet, and delicate in taste. The young leaves are very popular for use in salad. It is very hardy and will keep until early spring if placed in the cellar. The tender leaves make it a desirable plant for poultry greens; much more economic and desirable than alfalfa, swiss chard or lettuce etc., because it can be grown with less care and in any convenient place about the premises. Try it for your hens. One ounce will sow 10 feet of row. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 60c.) (lb. $1.80) (2 lbs. $2.90) postpaid.
The Oriental Seed Co., San Francisco, Cal.

Che-foo Wong-Bok

Shantung Wong-bok (山東白菜)—A production of Shantung, a province in China Distinctive flavor, very mild and pleasant. The outside leaves grow to a large, round leaf, the heart is snowy white with compact leaves tightly held together. We recommend this as a most excellent sort for either home garden or market planting.

(Pkt. 10c.) (Oz. 30c.) (4 Ozs. $1.00) (lb. $3.00) (2 lbs. $2.90) postpaid.

Hogyoku Wong-book

The best and most popular grown, known for its quality and compact leaves which are tightly held together. The leaves have some wrinkles and grow more like head cabbage, a little shorter than “Chokurei” or “Shantung.” Easy self-blanching. The heart is snowy white. Mild flavor, crisp and tender. (Pkt. 10c.) (Oz. 30c.) (4 Ozs. $1.00) (lb. $3.00) (2 lbs. $4.80) postpaid.

ARTICHOKE

In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart and two feet apart in the rows. Should give globs the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

We can furnish selected plants of French Green Globe Variety from January 1st to May 1st. Price 20c. each; 2.00 per dozen postpaid.

Artichoke Seed—Large Green Globe. (Pkt., 15c.) (Oz., 90c). It is advisable to set out plants in preference to seed as the seed usually produces a very large percentage of spiny fruit.

Jerusalem or Tuberous-Rooted Artichoke—(Per lb., 20c.) (10 lbs., $1.25).

Mary Washington—This is the latest introduction of the rust resistant varieties and the best with the advantage over all other varieties of being earlier, which means so much to the grower. Seed is very scarce. (Pkt. 10c.) (Oz. 20c.) (1 lb. 45c.) (lb. $1.25) postpaid.

Argenteuil—An excellent variety for the canner and early shipper. This variety is now more extensively grown by large planters and shippers because it is more prolific and stands shipping better. Also its purple tinge is attractive, and its excellent flavor puts it on an equal footing with the Palmetto for table use. (Pkt. 10c.), (Oz. 20c.). (1 lb. 45c.), (lb. $1.25) postpaid.

ASPARAGUS

One ounce will sow 50 feet of row Sow the seed 1 inch apart in rows which should be 2 feet apart, and cover very firmly with about one inch of soil. It is advisable previously to soak the seed in warm water. After the seedlings have grown to a size when they can easily be handled, thin them out to at least two inches apart, keep them free from weeds and be careful to water them well during summer and autumn. In the spring of the second year set out the plants eighteen inches apart in rows thirty-six inches apart, in a well-manured, rich, sandy loam and cover the tops firmly with three inches of soil. We advise you not to cut too closely. It is an excellent thing to apply salt every spring at the rate of a half-pound for every square yard of bed. Manure well in the fall, spading in the next spring.

Palmetto—A very early maturing and prolific variety, producing an abundance of very large deep green shoots of the best quality. (Pkt. 10c.) (Oz. 20c.) (1 lb. 45c.) (lb. $1.25) postpaid. Roots (40c. per doz.) ($2.75 per 100) postpaid, ($2.00 per 100 by express).

Mary Washington—This is the latest introduction of the rust resistant varieties and the best with the advantage over all other varieties of being earlier, which means so much to the grower. Seed is very scarce. Per (Pkt. 10c.) (Oz. 25c.) (1 lb. $1.00) (lb. $1.35) postpaid.

Argenteuil—An excellent variety for the canner and early shipper. This variety is now more extensively grown by large planters and shippers because it is more prolific and stands shipping better. Also its purple tinge is attractive, and its excellent flavor puts it on an equal footing with the Palmetto for table use. (Pkt. 10c.), (Oz. 20c.), (1 lb. 45c.), (lb. $1.25) postpaid.
BEANS (ビーンズ)

Beans should not be sown until April 15th, or until all danger from frost is over, and for a continuous supply should be planted every four weeks until August. A warm, well drained, sandy loam is best suited. Sow the bush varieties in rows 2 feet apart and 3 inches apart in the row. Plant the pole beans 4 feet apart in hills and set a pole firmly in each hill. Sow 5 or 6 beans in a hill. Cover the seeds from 1 to 2 inches deep. One pound of the bush varieties will sow 100 feet of row and 35 pounds will plant an acre. One pound of the pole varieties will plant 100 hills and 25 pounds will plant an acre.

**BEANS—Free delivery anywhere within the fourth Parcel—Post zone.**

**Dwarf Green-Podded** (豆乳のない)

Bountiful—An early, hardy and productive variety, bearing thick, flat, light green pods of fine quality. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

Stringless Green Pod—One of the earliest varieties. Pods round, long and quite stringless, very crisp and tender. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

Canadian Wonder—Pods are flat of great length and very tender. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

Refugee or 1000 to 1—A popular variety for late planting, with large, tender pods very productive. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Dwarf Horticultural or Cranberry** (イタリアンビーンズ)—Pods large, color green splashed with red, mostly used for shell beans. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Stringless Green Pod**—One of the earliest varieties. Pods round, long and quite stringless, very crisp and tender. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Burg's Kentucky Wonder**—In some sections this is called White Seed-ed Kentucky Wonder. Beans long, brittle pods of excellent quality, entirely stringless. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Early Golden Cluster Wax**—A fine early variety. The golden yellow pods are 6 to 8 inches long and are borne in clusters; seeds flat and dull white. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Horticultural or Speckled Cranberry**—Popular old variety. Pods 5 inches long, pale green, but become streaked with red when mature. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Kentucky Wonder**—King of Pole Beans. The best and most popular pole bean in cultivation. It grows luxuriantly and is enormously productive; the pods hanging in great clusters from top to bottom of pole. Color, silvery green; entirely stringless; very delicious. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Pole Beans—Green and Yellow Podded** (ポールビーンズ 白種子ケンタッキーワンダー）

**White Creaseback**—An early variety borne in clusters Pods 5 inches long, of fine quality and very productive seeds are white: can be used as a shelled bean for winter use. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).

**Improved Golden Wax**—A strong growing bush variety, medium early and a heavy cropper. The golden yellow pods are long, broad, flat, brittle and entirely stringless. As a snap bean it equals all other sorts in tenderness and richness of flavor. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00).
The round pods average six feet or more in length, having the thickness of a lead large crop of the long, slender round pods which are of excellent quality for snap shots. Should have ample arbor to climb upon. Produce late in summer, a cooked. (Pkt., 10c.) (Oz., 20c.) (1 lb., 45c.) (2 lbs., $1.50) postpaid.

2. Sword Beans (Imported Seed)

The annual climber of rapid growth. The full size of the pods measures up to ten inches in length and two inches in width. The pods are cut to pieces and boiled or put into soup and other ways as usual beans, while it is still far from being ripe. They have excellent flavor. (Pkt., 10c.) (1 lb., 35c.) (10 lbs., $3.50) postpaid.

Scarlet Runner (Imported Seed)

One of the pride of Chinese flowering beans that has been planted chiefly for ornamental purposes. But few people know that the Scarlet Runner may be planted May 1st and in six weeks attain a height of eight feet, and rapidly cover an arbor with vines twenty feet long. In northern location where summers are cool and short this takes the place of the Large Lima Beans. When fully ripened the dry beans are of bright scarlet, heavily blotched with purple. (Pkt., 10c.) (1 lb., 45c.)

Chinese Six feet Runner (Pole beans)

A good, famous table bean from China as well as a curiosity. It is very prolific and a rank grower. Should have ample arbor to climb upon. Produce late in summer, a large crop of the long, slender round pods which are of excellent quality for snap shoots. The round pods average six feet or more in length, having the thickness of a lead pencil, and of entirely stringless. (Pkt. 10c.) (Oz., 20c.) (1 lb., 45c.) (10 lbs., $3.50) postpaid.

Chinese Yard-Long (Pole beans)

Brown seed, an attractive and curious variety in same as the above. The pods often grow to be nearly a yard long. The whole pod and beans are crisp, tender and with a delicious asparagus flavor, rivaling almost any of the little podded beans when cooked. (Pkt., 10c.) (Oz., 20c.) (1 lb., 45c.) (10 lbs., $3.50) postpaid.

Swiss Chard or Spinach Beet

Used for greens; the leaf stalks are cooked as asparagus.

Improved Silver—Large pale green leaves with white mid-rib. (Pkt., 10c.) (Oz., 20c.) (1 lb., 50c.) (10 lbs., $1.50) postpaid.

Giant Lucullus—The Largest and best variety of Swiss Chard Seed planted in early Spring will quickly produce plants from which cuttings may be made all Summer. As soon as cut new shoots will spring up and make quick growth. If the plants are allowed to grow without cutting they will make large curly leaves with thick light-colored mid-ribs which may be cooked like asparagus. (Pkt., 10c.) (Oz., 20c.) (1 lb., 50c.) (10 lbs., $1.50) postpaid.
Beets may be planted almost all the year round where the temperature does not linger below 25 degrees. Sow the seed one inch deep in well prepared, moist soil in rows eight or ten inches apart, or on ridges same as lettuce. Drill eight pounds of seed per acre. Thin out to one plant every three inches, and transplant the discarded plants in any convenient spot about the garden. Irrigate about every two weeks, unless the nature of the soil is such that more frequent irrigation is found to be necessary. Muleh the soil after each irrigation. Beets are ready for use in ten weeks and continue in prime condition for another ten weeks. Two ounces of seed for 100 feet of row.

**Sugar Beets**

**GIANT HALF SUGAR ROSE TOP**—A very hardy variety, proving large crops with little care. The root is large and very rich in sugar, and while not sufficiently so for sugar purposes, it makes a remarkably fine, rich food for stock. (Pkt., 10c.) (lb., 70c.) (10 lbs., $6.50) postpaid.

**KLEIN WANZELBEN SUGAR**—This is a wedge-shaped variety and contains a large percentage of saccharine matter; planted more than any other sort for sugar factories; also good for stock feed. (Pkt., 10c.) (lb., 35c.) (1 lb., $1.00) postpaid.

**Table Beets**

**GROSBY'S EGYPTIAN**—Extremely early and of fine quality. More globe-shaped than Extra Early Egyptian and of a rich vermilion color; is sweet and tender. The most popular variety. (Pkt., 10c.) (oz., 20c.) (1 lb., 45c.) (lb., $1.25) postpaid.

**DETROIT DARK RED**—An early globe-shaped variety; skin blood red and flesh rich red. Tops small and green. One of the best table varieties and of handsome appearance. (Pkt., 10c.) (oz., 20c.) (1 lb., 15c.) (lb., $1.25) postpaid.

**EARLY ECLIPSE**—A fine early table variety, perfectly smooth and round. Skin and flesh intense red, zoned with pink. (Pkt., 10c.) (oz., 20c.) (1 lb., 15c.) (lb., $1.25) postpaid.

**IMPROVED BLOOD TURNIP**—A selected strain of early blood turnip beet. Flesh is blood red and of excellent quality; remains in good condition for a long time; tops are green. (Pkt., 10c.) (oz., 20c.) (1 lb., 45c.) (lb., $1.25) postpaid.

**HALF LONG BLOOD**—A half long variety about 8 inches long and tapering abruptly. Very rich deep red flesh of fine quality. (Pkt., 10c.) (oz., 20c.) (1 lb., 45c.) (lb., $1.25) postpaid.

**Mangle Wurzel or Stock Beet**

For main crop sow about March 1st in rows 2 feet apart and thin to 8 inches apart in the row. Sow 6 pounds to 1 acre.

**MAMMOTH LONG RED**—The largest of the mangels and the heaviest cropper. The skin is red; flesh white zoned with red. This variety produces a large amount of good feed than any other beet. (Pkt., 10c.) (lb., 70c.) (10 lbs., $6.50) postpaid.

**GOLDEN TANKARD**—This is a distinct and superior strain of the Yellow Mangel, being much finer and firm in flesh and containing more sugar. On account of its peculiar shape, enormous crops are grown when plants are set out closer in the rows than the ordinary mangel crops. (Pkt., 10c.) (lb., 70c.) (10 lbs., $6.50) postpaid.

**FUDANSO** (Chinese Swisschard Imported Seed)

This variety is not only good in quality, but it is also the most attractive in appearance of any of the chards. The strong and rapid growth, leaves long, broad and thick, light bright green in the color with some crumpled. It cooks very easily, tender and sweet; try cooking the stalks and serve like asparagus.

Fudanso is grown much in the same way beets. The seed should be sown during April or May, in drill 16-20 inches apart, and the seedlings thinned to stand from one to two feet apart in the row. Fudanso grows easily in any well drained, fertile soil. The plants are quite hardy, and will yield through the summer and fall until severe frosts touch the foliage. (Pkt., 10c.) (oz., 20c.) (1 lb., 35c.) (lb., $1.50) (2 lbs., $2.00) postpaid.

**Broccoli**

**ST. VALENTINE**—Culture same as for Cauliflower. Broccoli matures 4 to 6 weeks later than Cauliflower which it so much resembles that it is difficult to distinguish the difference. However the foliage is a darker green, and spreads more than does that of the pearl cauliflower. The St. Valentine variety is grown quite extensively in certain sections of Oregon and in recent years has proven profitable to grow in southern California where there is an increased acreage each year. (Pkt., 15c.) (oz., $1.50) (1 lb., $5.00) (lb., 15.00) postpaid.

**WHITE CAPE**—Heads white, close and compact; a standard sort. Matures in January and February. (Pkt., 10c.) (oz., $1.00) (1 lb., $3.60) (lb., $10.00) postpaid.
COOKING BURDOCK

(Imported Seed)

It is called a Japanese Salsify on account of the root growing like the salsify. The root attains about two feet long and one inch in diameter and less liable to branch. The flesh is white, grained and crisp, of fine flavor, something like Salsify. And is most appearance when sliced and fried and also is valuable for soup or stew and may be used as asparagus after boiled. It contains a value of medicinal substances for constipation, swelling, cough or tooth-ache. Culture is the same as Salsify.

TOKYO-LONG—An excellent flavor skin is brown, flesh white. Heavy cropper, two feet long. (Pkt. 10c.) (Oz. 35c.) (4 Ozs. $1.00) (lb. $3.00) postpaid.

SUNAGAWA—Good size, skin greenish white, fine flavor. The highest recommended for market gardeners. (Pkt. 10c.) (Oz. 30c.) (4 Ozs 90c.) (lb. 2.80) postpaid.

O-URA—Tender and good flavor. The root grows like radish in shape and very big as one foot long and about two inches in diameter. Very popular. (Pkt 10c.) (Oz. 40c.) (4 Ozs. $1.00) (lb. $3.50) postpaid.

BURDOCK, Tokyo long

BRUSSELS SPROUTS

(子持キャベツ)

This is another member of the Cabbage family. They form a straight stock which bears on all sides a large number of miniature cabbages. These have a particularly fine flavor and are esteemed a delicacy by many.

Brussels Sprouts are more hardy than cabbage, and in mild climates may remain in the open ground all winter, the heads being removed as desired. For winter use in cold localities, take up plants that are well laden with heads and set them close together in a pit, cold frame or cellar, with a little soil around the roots.

One ounce will produce 1,000 plants and will mature in about 150 days. Sow as directed for cabbage, and set the plants in rows 2½ feet apart and 2 feet apart in the rows. They require a long season of growth, but with suitable soil and liberal manuring an excellent crop of this vegetable can be secured. Cultivate the same way as cabbage.

DWARF PERFECTION—Grows 2 to 3 feet high and is well covered with small sprouts which are very solid and excellent in flavor. (Pkt., 10c.) (Oz. 35c.) (4 Ozs. $1.00) (lb. $3.00) postpaid.

DANISH GIANT—The plants are of strong, robust habit and very productive; sprouts of large size, solid and of delicious flavor. (Pkt., 10c.) (Oz. 35c.) (4 Ozs. $1.15) (lb. $3.50) postpaid.
CABBAGE (キャベツ)

It is difficult to give definite cultural directions for cabbage, since it is possible to have good cabbage at all seasons of the year in some part of the country. Seed may be planted almost any time of the year. However, there are three seasons preferable for sowing—in September for early spring cabbages, from January to April for summer and fall cabbages, and July to August for winter cabbages. Sow the seed 1 inch deep and transplant the early varieties to rows 24 inches apart and 18 inches apart in the row. They will mature in about 105 days. The late varieties mature in about 150 days and should be planted in rows 30 inches apart and 24 inches apart in the row. To prevent the heads from splitting open before they are ready to be harvested, the plants should be loosened a little at the root. Cabbages require plenty of moisture, but too much water causes them to rot very readily.

Second Early Varieties (中生)

ALLHEAD EARLY—The earliest of the large flat-headed varieties. Heads remarkably solid and uniform in size, of very compact growth. Pkt., 10c; oz., 40c; 1 lb., $1.35; lb., $4.00. Postpaid.

EARLY DWARF FLAT DUTCH—Matures early and makes large, solid, flat head, with short stems. Pkt. 10c; oz., 40c; 1 lb., $1.35; lb., $4.00. Postpaid.

GLORY OF ENKHIUZEN—Earlier than the All Seasons; of medium size, globe shaped and handsome dark green color, just right for the market. Leaves fine ribbed; outer leaves set close to permit close planting. Where this variety has been tried in market growing districts the growers have been very enthusiastic. Pkt. 10c; oz., 40c; 1 lb., $1.25; lb., $5.00. Postpaid.

SUCCESSION—This popular second-early sort is about 10 days later than Early Summer. (Pkt. 10c) (oz. 40c) (4 ozs. $1.35) (lb., $4.00) Postpaid.

Early Varieties (早生)

COPENHAGEN MARKET—A new and early variety producing fine heads weighing 10 to 12 pounds, which are very solid and of excellent quality. It is the largest of the early round varieties. Pkt., 10c; oz., 50c; 1 lb., $1.00; lb., $1.00. Postpaid.

CHARLESTON, OR LARGE EARLY WAKEFIELD—Cf the same type as Jersey Wakefield. It grows about one-third larger and is ready to cut a few days later. Pkt., 10c; oz., 40c; 1 lb., $1.35; lb., $4.00. Postpaid.

Savoy Cabbage (絹緞甘藍)

AMERICAN DRUMHEAD SAVOY—The largest heading Savoy; the quality and flavor of this crumpled-leaf cabbage is very fine. It is sweet and tender. (Pkt., 10c) (oz., 50c) (1 lb., $1.65) (lb., $5.00) Postpaid.

Red Cabbage (赤キャベツ)

MAMMOTH RED ROCK—Best hard-headed, red variety. Large heads, globular and very deep red on top. Outer leaves greenish. Especially used for pickling. (Pkt., 10c) (oz., 50c) (1 lb., $1.65) (lb., $5.00) Postpaid.

Winter Varieties (晚生)

AUTUMN KING, OR WORLD BEATER—Heads of largest size and very solid; flat and bluish green. (Pkt., 10c) (oz., 30c) (1 lb, 93c) (lb., $3.00) postpaid.

LARGE FLAT DUTCH—The best late variety in cultivation; large, round, flat, solid heads of perfect shape. Less inclined to burst than many varieties in use; rich, deep green color; tender and of fine quality. (Pkt., 10c) (oz., 30c) (1 lb, 93c) (lb., $3.00) postpaid.

DANISH BALL HEAD OR THE HOLLANDER—Very round, solid Winter sort, bluish green color; a good-keeping variety. (Pkt., 10c) (oz., 35c) (1 lb, $1.00) (lb., $3.50) postpaid.
CAULIFLOWER  （カリフラワー）

Cauliflower is grown the same as cabbage, but requires more fertile soil, and like cabbage and lettuce is not a good summer crop. There are two good seasons for sowing cauliflower seed: for fall and winter sow the seed in June and July, for spring sow in September and October. Transplant the plants when they are about six weeks old, and always keep them in a thriving condition. If large or old plants are used and if they are not kept growing constantly some will head prematurely and others will go to seed.

EARLY SNOWBALL—The best and most popular early variety grown. There is a vast difference in the strains of this variety offered, but what we offer is the best imported stock. Those who have had trouble with cauliflower should try this Snowball. It will make uniformly fine heads, even under adverse conditions. (Pkt., 25c.) (1 oz., 90c.) (oz., $2.75) (lb., $3.50) postpaid.

EXTRA EARLY PARIS—A hardy variety; very easy to grow; good for either early or late. (Pkt., 10c.) (1 oz., 35c.) (oz., $1.00) (lb., $3.50) postpaid.

CALIFORNIA WONDER—A late variety, forming good, large, solid heads during the Winter. This variety has given great satisfaction in California wherever tried. (Pkt., 15c.) (1 oz., 50c.) (oz., $1.50) (lb., $5.00) postpaid.

VEITCH'S AUTUMN GIANT—The most popular of all the late varieties. The heads are pure white, large, firm and compact; being well protected by the foliage, they remain fit for use for a long time. (Pkt., 10c.) (1 oz., 25c.) (oz., 65c.) (lb., $2.00) postpaid.

DRY WEATHER—This find variety is especially adapted for localities subjected to long, dry seasons. It is a very sure header, second early and produces large, pure white heads of delicious flavor. (Pkt., 25c.) (1 oz., 90c.) (oz., $2.75) (lb., $3.50) postpaid.

CARDOON

LARGE SMOOTH—The best variety, grows about 4 feet tall. The leaves and stems must be blanched like celery to bring out the delicate flavor. Sow in Spring in drills 1 inch deep and when one-year old transplant into well-manured ground in rows 3 feet apart and 1 foot apart in the row. (Pkt., 10c.) (oz., 40c.) (lb., $1.25) postpaid.

CHERVIL or CERFEUIL

An aromatic sweet herb, very finely curled and resembling parsley. The young leaves are used in soups and salads. (Pkt., 10c.) (oz., 25c.) (lb., 75c.) postpaid.

CORN SALAD (Fetticus)

CULTURE—Sow during August or early September, in drills 1 inch deep and 6 inches apart, for spring use. The leaves should be picked when half as large as lettuce. A second crop may be picked from the same plant.

LARGE-LEAVED FETTICUS, or “LAMB’S LETTUCE”—Hardy little plants, grown for late Fall, Winter and Spring use; they form rosettes of tender, edible leaves, which are used as a substitute for lettuce. (Pkt., 10c.) (oz., 20c.) (lb., 35c.) (lb., $1.00) postpaid.

WATERCRESS

Highly esteemed for salads and garnishing. It must be grown along moist banks. (Pkt., 10c.) (oz., 50c.) (lb., $1.50) postpaid.

WHITLOOF—Known in restaurants as French Endive. The stalks when blanched make delicious salad. Sow in May and June in drills 10 inches apart. Transplant or thin to 6 inches; treat as endive, except that in late Summer or Fall it should be gradually banked up like celery. (Pkt., 10c.) (oz., 25c.) (lb., 75c.) postpaid.

COLLARDS

Sow seed as for cabbage in June, July and August for succession. When a month old transplant in rows a foot apart each way and cultivate throughly.

GEORGIA—This is the principal Southern variety used for greens; grows vigorously with light green leaves somewhat resembling cabbage, but borne only in cluster and not heading. (Pkt., 10c.) (oz., 20c.) (lb., 65c.) (lb., $2.00) postpaid.

CRESS or PEPPER GRASS

CULTURE—Sow in spring, every two or three weeks. Begin to sow again from the middle to the end of August every week or two for fall succession.

EXTRA CURLED—Used as a salad either alone or mixed with mustard greens; rapid growing, dwarf and compact. (Pkt., 10c.) (oz., 20c.) (lb., 35c.) (lb., $2.00) postpaid.

WATERCRESS

Highly esteemed for salads and garnishing. It must be grown along moist banks. (Pkt., 10c.) (oz., 50c.) (lb., $1.50) postpaid.

DANDELION

This is the strain grown very extensively by French gardeners. The leaves are thick and fleshy and the roots produce an enormous crop of foliage. (Pkt., 15c.) (oz., 75c.) (4 ozs., $2.25) postpaid.
CARROTS

This delicious and nutritious vegetable is not appreciated as it should be. Properly cooked, it is a great delicacy. Its feeding qualities for stock are excellent. A sandy soil is best, but any good rich soil will produce good crops. Sow in early spring in rows fifteen to eighteen inches apart and thin to three to four inches according to size of variety. Cover the seed only half an inch and give careful cultivation throughout the season. They may be eaten either when a half inch or so in diameter or when fully grown.

DANVERS HALF LONG—Without question one of the finest carrots, rich orange color, smooth, stump rooted flesh of fine texture and with little core, more extensively planted than any other by market gardeners, and also one of the best sorts for the home garden. (Pkt. 10c.) (oz., 20c.) (I lb., 40c.) (lb., $1.25) Postpaid.

LONG ORANGE IMPROVED—The standard late variety, very productive and of good quality. Roots pointed and often 12 inches long, fairly smooth and of a deep orange color. Often used for stock feeding. (Pkt. 10c.) (oz., 20c.) (I lb., 45c.) (lb., $1.25) Postpaid.

LARGE WHITE BELGIAN—For stock. Root pure white, green above ground. It will grow to a very large size, and is easily gathered. Flesh rather coarse. Is raised extensively for stock. (Pkt. 10c.) (oz., 20c.) (I lb., 45c.) (lb., $1.25) Postpaid.

CHANTENAY—A medium early, productive variety of very fine quality. Root five inches long, two and a half inches in diameter, deep orange, fine grained, flavor excellent. One could hardly say too much in praise of this very popular variety. (Pkt., 10c.) (oz., 20c.) (I lb., 45c.) (lb., $1.25) Postpaid.

EARLIEST FRENCH FORCING—Used extensively for forcing. Small, globe-shaped root of orange-red color; excellent quality. (Pkt. 10c.) (oz., 20c.) (I lb., 50c.) (lb., 1.50) Postpaid.

EARLY SCARLET HORN—A small early variety suitable either for forcing or early garden use. Roots three inches by two, attractive orange color and very fine quality. (Pkt., 10c.) (oz., 30c.) (I lb., 45c.) (lb., $1.25) Postpaid.

OXIHEART or GUERANDE—Roots are very thick, five inches long and nearly as broad, and very blund at the lower end. It grows rapidly and the roots often weigh a pound or over. Excellent quality. (Pkt., 10c.) (oz., 30c.) (I lb., 45c.) (lb., $1.25) Postpaid.

JAPANESE CARROT

(Imported Seed)

Japanese Carrot, used raw, fried, boiled or stewed, used alone or combined with other vegetables or meat is not surpassed in nutritious healthfulness by any vegetable catalogued. Although these are hardy, after the plant is established, it is difficult to get a good stand unless the soil is well prepared, and of such a nature that it will not bake, for the seeds are small and slow to germinate. Carrots are sown all the year round in deeply tilled sandy, loam soil. Sow one inch deep in rows 15 to 20 inches apart. Thin out to 4 inches apart when plants are 2 inches high. Keep well cultivated and irrigate very often. Two and a half pounds will sow an acre. One ounce to 150 feet of drill.

TAKINOGAWA (東京大長)—A leading standard variety of Japanese carrot which excels all other sort in sweetness and productiveness, especially long, large type and uniform. The skin is smooth and of attractive color; flesh entirely red and almost without a core. Highly recommended to market gardeners. (Pkt., 10c.) (oz., 30c.) (I lb., $1.00) (lb., $3.00) Postpaid.

KINTOKI (金時)—One of quick growing variety, a medium size, an exceptionally deep scarlet, very attractive in color. The flesh is bright red, tender, sweet and excellent flavor. The perfect type is about ten inches long and two inches in shoulder. Grown entirely under ground having no green shoulder. In all means, esteemed quality for all purposes. (Pkt., 10c.) (oz., 30c.) (I lb., $1.00) (lb., $3.00) Postpaid.

SAPPORO (札幌)—Easy to grow, orange red, sweet nice flavor, one of noble sort in Japan, 10 inches long and 3.4 inches across uniformly. They do not break easily in pulling or storing, owing to the solidity and shape. One of the most profitable. (Pkt., 10c.) (oz., 35c.) (I lb., $1.00) (lb., $3.50) Postpaid.
CELY—(塞尔里)

CULTURE.—Celery seed is slow to germinate and ample time should be given. Sow thinly, cover lightly and keep constantly moist. When the plants are from 4 to 6 inches high cut off the tops and transplant them 6 inches apart into trenches 4 inches deep and 9 inches wide and trenches 3 feet apart. As the plants grow fill the earth toward the plant to secure proper bleaching. Never allow dirt to rest on the heart of the plant. Sow in December, January and February in hotbeds for early transplanting, and in August and September for a later crop. Sow thinly and shade during the hot months. An ounce will produce about 3,000 plants, and one-half pound will plant an acre. Ready for market in 110 to 150 days.

GOLDEN SELF-BLANCHING.—(French Grown).—A French variety of the best quality. The heart is solid, very tender, of a beautiful yellow color; the ribs brittle and of a delicious flavor. Cannot be too highly recommended. (Packet, 10c.) (oz., $1.00) (lb., $3.25) (10 lbs., $12.00) postpaid.

GOLDEN SELF-BLANCHING.—(American grown). Same as the French variety, except the seed is produced in this country. (Packet, 10c.) (oz., 75c.) (lb., $2.50) (10 lbs., $7.00) postpaid.

WHITE PLUM.—California grown. Its stock, inner leaves and heart are naturally white, so that simply drawing the soil up against the plant and pressing it in is all the work required for blanching. (Packet, 10c.) (oz., 40c.) (lb., $1.35) (10 lbs., $1.00) postpaid.

WINTER QUEEN.—One of the best winter-keeping sorts. The color is a creamy white; has a thick stalk and large heart. (Packet, 10c.) (oz., 30c.) (lb., $1.00) (10 lbs., $3.00) postpaid.

GIANT PASCAL.—Of vigorous, sturdy growth, making immensely heavy stalks and large, heavy hearts, all remaining deep green until blanched by earthing up or being stored for Winter. (Packet, 10c.) (oz., 35c.) (lb., $1.10) (10 lbs., $3.50) postpaid.

CELERIAC—(無塞尔里)

SMOOTH PRAGUE.—A large celery flavored root used extensively for flavoring soups, pickles, etc.; also relished as salad. (Packet, 10c.) (oz., 25c.) (lb., 75c.) (10 lbs., $3.50) postpaid.

SWEET CORN—(ゆーヨン)

One of the garden's sweetest vegetables. Plant from February 15th to August 1st, in rows 3 feet apart; drop 6 or 7 kernels in hills every 18 inches in the row and thin out to two of the healthiest plants in each hill when about 5 inches high. Break off all side shoots except the two top ones as they will produce the largest and best ears. Corn is at its very best when picked and eaten within an hour, but it is extremely important that it be picked just at the right time especially when not too old. Frequent plantings of several varieties in succession will keep a good supply available all summer.

Best Sweet Corn Grown

BLACK MEXICAN.—Medium early; the kernels are black when ripe and white when green; ears 8 inches long, well filled and exceptionally sweet. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

COUNTRY GENTLEMAN, or SHOE PEG.—We recommend this (main crop) variety for your kitchen garden. The great merit of the Country Gentleman Corn is its delicious sweetness, retaining its delicate tenderness even when a little old. Milky kernels, that are pearly white and plum. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

EARLY MAMMOTH, or ALAMEDA SUGAR.—A vigorous, large, early variety of handsome appearance and sweet flavor, especially fine for the market grower. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

EARLY MINNESOTA.—The best early variety for market and private gardens. Stalks about 5 feet high; ears long and eight-rowed. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

GOLDEN BANTAM.—A very early variety. The ears are but medium size, but are thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite early sweet corn with all who have tried it. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

GOLDEN CREAM.—An extra early sweet corn, similar to the Country Gentleman except in color, which is a rich cream changing to golden yellow when cooked. Fine quality, being very sweet and tender (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

HOPING MOB.—One of the best flavored and most tender of all the second-early white sweet corns. The ears measure from 7 to 9 inches in length. They are closely set with 12 or 14 row of large, pearly white grains. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

OREGON EVERGREEN.—Very sweet and fine.; kernels are white; ears large; earlier than Stowell's Evergreen. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

STOWELL'S EVERGREEN.—The best of all the late sorts, producing large, handsome ears filled with plump, deep, large, white kernels. Quality and flavor surpassingly fine and sugary. (Packet, 10c.) (lb., 40c.) (10 lbs., $3.50) postpaid.

Field Varieties

EARLY EIGHT-ROWED CANADA, Also Known as the Yellow Flint.—A rapid growing, early variety, and for this reason largely used for replanting. Very valuable where the seasons are short. (Packet, 10c.) (10 lbs., $1.15) postpaid.

WISCONSIN WHITE DENT.—Ears are long, with 16 to 18 rows. (Packet, 10c.) (10 lbs., $1.15) postpaid.
CUCUMBER (キューカンバー)

CULTURE—As soon as the weather become warm and settled in the spring, plant in well-prepared soil in hills four or five feet apart each way with eight to ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills.

NOVELTY CUCUMBER “CHINA-LONG”

A most remarkable and handsome new long green out door cucumber from China. The most fleshy and finest flavor of the long green type. The vines make a tremendous growth. They are unusually vigorous, bearing an enormous crop. The foliage is rich dark green and is quite resistant to diseases and insect attacks.

ORIENTAL’S CHINA-LONG makes perfectly straight fruit. They average about 20 inches. They are thickly in the middle of fruit, where they average 2 to 3 inches in diameter. The attractive fruit taper gently toward the ends, holding their thickness well until they run off into a round stem and blossom end.

The skin of the fruit is a beautiful rich dark green set with a number of the characteristic long green. We have many enthusiastic letters from customers who have proclaimed it the most beautiful and best of all long green cucumbers. A most remarkable feature of ORIENTAL’S CHINA-LONG is the fact that it retains the beautiful deep green color of the skin until it is fully ripe.

The fine large long fruits are extra fine for slicing, but if picked when of small size, they make tasty little pickles. The people in China store surplus products for their winter table after cutting into four or five pieces and drying. The vigorous vines bear continuously, particularly if the fruit is picked as soon as it has reached a good size.

We recommend this novelty cucumber as much the best of all, and the variety anyone should plant. This seed grown in our Paotingfu Farm in Chili, China. (Pkt. 10c.) (Oz. 50c.) (4 Ozs. $1.75) (lb. $5.00) (2 lbs. $8.00) postpaid.

NEW JAPANESE CLIMBING

— A good variety to plant to save garden space. The vigorous and healthy vines throw out strong tendrils, enabling them to climb trellis, wire netting or any other suitable support. Owing to the foliage being up off the ground, it resists blight better than other kinds. Fruit long and thick, crisp, tender and of good quality. If kept picked, the vines will bear freely all season. Fruit grow about 8 inches long and retains deep green color of the skin for a long time after picked. (Pkt., 10c.) (Oz., 35c.) (4 Ozs. $1.00) (lb., $3.50) (2 lbs. $5.60) postpaid. (Imported Seed.)

FUSHINARI—A best Japanese forcing variety. An extra early perfect shape, of medium size, dark green color, is what we claim for this strain. It is very prolific and will bear in clusters on every joint from the bottom to the top of all branches. They have a very few seeds and hold their color and brightness long after being picked, which makes it an excellent shipper for a distant market. (Pkt. 10c.) (Oz. 35c.) (4 Ozs. $1.00) (lb. $3.50) (2 lbs. $5.60) postpaid. (Imported Seed.)

DAVIS PERFECT—A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. (Pkt., 10c.) (Oz., 20c.) (lb., 50c.) (lb., $1.50) postpaid.

BOSTON PICKLING—For pickling this variety is superior to all others. Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. (Pkt., 10c.) (Oz., 20c.) (lb., 50c.) (lb., $1.50) (2 lbs. $2.50) postpaid.

KLONDYKE—A desirable early dark green variety of White Spine cucumber. Very prolific and a fine shipping sort. (Pkt., 10c.) (Oz., 20c.) (lb., 50c.) (lb., $1.50) (2 lbs. $2.50) postpaid.

ARLINGTN WHITE SPINE—A rich, dark green variety, turning white when ripe. The fruit is about seven inches long when in marketable condition and very straight and even in shape. It is early, and good for forcing in out-of-door culture. (Pkt., 10c.) (Oz., 20c.) (lb., 50c.) (lb., $1.50) (2 lbs. $2.50) postpaid.
EGGPLANT (エツグプント)

Treat like a tender tomato that requires even a longer period to mature, after cabbage plants are out of the hot-bed or green houe, sow eggplant, keeping even the night temperature above seventy degrees. One ounce of seed gives two thousand plants and four pounds an acre. Transplanted later to pots or to a three or four-inch stand, and when corn is six high, put outside on rich, well-drained land. These Japanese varieties are to grow on such small bushes that they may be planted much closer than the American sorts, while the fruit is commended as superior in both texture and flavor.

BLACK BEAUTY—An early variety. The fruit is broad and thick and a purplish black color. (Pkt., 10c.) (oz., 50c.) (lb., $1.50) (lb., $5.00) post. (Id.)

FLORIDA HIGH BUSH—Purple, though not so deep as the New York Spineless, which it resembles in shape. Productive, vigorous and can stand more cold than that variety. (Pkt., 10c.) (oz., 60c.) (lb., $2.00) (lb., $6.00) Postpaid.

CHINESE WONDER—One of the Oriental’s curiosities from China. The fruit oblong attaining a such length of 15 to 25 inches with beautiful purplish-black color. The skin is very thin and flesh is tender and a very few seeds. Plants are hardy and prolific. Is excellent for pickles, boiled, fried stewed or every, respect. Easy to culture, (Pkt. 20c.) (oz., 60c.) (lb., $1.00) (4 ozs. $3.00) postpaid. (Im¬ported seed).

SADOWARA-LONG—The excellent quality, with a beautifully-colored fruit, 6 to 7 inches long in obovate; skin is very thin, flesh tender and an extra fine flavor. The plant hardy, heavy and long season yielder. It is highly recommended for the market gardeners. (Pkt. 10c.) (oz. 70c.) (4 ozs. $2.00) (lb. 7.00) postpaid. Imported Seed.

SAD-BUSH—One of the Oriental’s curiosities from China. The fruit oblong attaining a such length of 15 to 25 inches with beautiful purplish-black color. The skin is very thin and flesh is tender and a very few seeds. Plants are hardy and prolific. Is excellent for pickles, boiled, fried stewed or every, respect. Easy to culture, (Pkt. 20c.) (oz., 60c.) (lb., $1.00) (4 ozs. $3.00) postpaid. (Im¬ported seed.)

YAMANASU—A most popular home garden variety of wonderful producer. Stating to bear when the plant has five or six leaves and continuing to bear throughout to the frosty season. The fruit is medium sized and is uniform and attractive color; very thin skin and flesh very tender with good flavor. (Pkt. 10c.) (oz. 60c.) (4 ozs. $1.80) (lb. $5.00) postpaid. Imported seed.
ENDIVE (エンダイブ)

One ounce will sow 100 feet of drill. Sow the seed ¼ inch deep in any ordinary soil from June to October in drills 1½ feet apart, covering lightly. When the plants are about 2 inches high, thin to about 8 inches in the row. When the plants have attained full size, gather up the leaves, tying together at the tips. This excludes the air from the inner leaves, which in the course of three or four weeks will become blanched.

GREEN CURLED The hardiest variety grown, the mid-rib is wide and whitish, beautifully curled, tender and crisp; much used for garnishing. (Pkt., 10c) (Oz., 20c) (½ lb., 50c) (lb., $1.50) postpaid.

BROAD-LEAVED BATAVIAN (Escarole) Leaves broad and thick and nearly plain; chiefly used in stews and soups. (Pkt., 10c) (Oz., 20c) (½ lb., 50c) (lb., $1.50) postpaid.

KOHLRABI (コールラバイ)

CULTURE—Sow in spring, about 1 inch deep, in rows 18 inches apart, afterward thinning the plants to 8 to 10 inches. If the weather is suitable, the thinnings may be planted, but it is considered difficult to transplant. Soil should be same as for cabbage; a rich loam. Do not let the earth get into the heart of the plants and do not cover the thick stem or knob. One ounce will give about 1,500 plants, enough for 300 feet of drill. For early plants, seeds may be sown under glass in March. Tenderest while young. Sow in succession. Keep the weeds down, and when the thickened stems above ground are 2 or 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook same as turnips.

EARLY WHITE VIENNA—(Pkt., 10c) (Oz., 30c) (½ lb., 90c) postpaid.

EARLY PURPLE VIENNA—(Pkt., 10c) (Oz., 30c) (½ lb., 90c) postpaid.

KALE or BORECOLE (ケール)

CULTURE—Cultivated and grown exactly like cabbage. Sow in August and September for early greens, in rows 2 feet apart, and thin to 18 inches or 2 feet in the rows. Sow seed ½ to 1 inch deep. One ounce will do for a 100-foot row. In very cold situations a light mulch may be required in winter.

DWARF CURLED SCOTCH—Leaves bright green, curled, very tender. (Pkt., 10c) (Oz., 20c) (½ lb., 50c) (lb., $1.50) postpaid.

TALL GREEN CURLED SCOTCH—Taller in growth than the above. (Pkt., 10c) (Oz., 20c) (½ lb., 50c) (lb., $1.50) postpaid.

JERSEY or THOUSAND HEADED—A strong growing sort with smooth leaves, often 6 to 8 feet high; grown largely for chicken feed. (Pkt., 10c) (Oz., 20c) (½ lb., 45c) (lb., $1.25) postpaid.

LEEK (レッキ)

Sow early in April, in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows, 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seeds may also be sown in August or September; plants transplanted in the spring.

AMERICAN FLAG—(Pkt., 10c) (Oz., 25c) (½ lb., 75c) (lb., $2.50) postpaid.

GIANT MUSSELBURGH—Thick, long, sweet stalks. (Pkt., 10c) (Oz., 25c) (½ lb., 75c) (lb., $2.50) postpaid.
LETTUCE

We Carry All the Leading and Best Varieties

Lettuce seed should be covered very shallow to secure germination, especially the black seeded, if sown under glass in the house. For early spring use, sow in September and protect through the winter in cold frames, the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 125 feet of drill and produce 3000 plants.

Cabbage or Butterhead Varieties

Tight heading varieties. The leaves making the heads are closely folded together and the inner portion is blanched to a clear white or a rich butter yellow.

BIG BOSTON—Very large, tender heads; leaves are light green with a slight tinge of brown on margins of the outer leaves. (Pkt., 10c.) (oz., 20c.) (1 lb., 60c.) (lb., $1.75) postpaid.

BLACK SEEDED TENNISBALL—Forms close hard heads very quickly. (Pkt., 10c.) (oz., 20c.) (1 lb., 60c.) (lb., $1.75) postpaid.

BOSTON MARKET or TENNISBALL—A light green heading variety, slightly tinged with brown on the head. Forms a compact buttery head. (Pkt. 10c.) (oz., 20c.) (1 lb., 60c.) (lb., $1.75) postpaid.

CALIFORNIA CREAM BUTTER or ROYAL SUMMER CABBAGE—A popular large heading variety for Autumn and Winter use. The leaves are thick, dark green tinged with brown and spotted. The interior of the head is a rich golden yellow; quality very fine. (Pkt., 10c.) (oz., 20c.) (1 lb., 60c.) (lb., $1.75) postpaid.

MAY KING—A very early solid head variety of the best quality. The outer leaves are green tinged with brown, while the inside is golden yellow. (Pkt. 10c.) (oz., 20c.) (1 lb., 60c.) (lb., $1.75) postpaid.

Crisp Head Varieties

These make a quick growth and form fine large heads which are always crisp, mild and extremely juicy. They withstand the heat better than any other type of lettuce.

NEW YORK SPECIAL or LOS ANGELES—A large, crisp, tight heading lettuce which is a great favorite in the markets of Los Angeles and San Francisco. This is a lettuce much raised around New York, whence its name was taken. The quality is the finest and is an excellent lettuce for the garden. The chances are ten to one that those fine little sweet heads of lettuce you buy in the San Francisco markets are Los Angeles variety. We sell hundreds of pounds of this to the market gardeners. (Pkt. 10c.) (oz., 25c.) (1 lb., 75c.) (lb., $2.50) postpaid.

HANSON The heads are solid and grow to a good size. The leaves, which are of a light green color, tightly overlap each other; very crisp and brittle. (Pkt., 10c.) (oz., 20c.) (1 lb., 65c.) (lb., $2.00) postpaid.

ICEBERG—Large solid heads; light green, slightly tinged with brown; very tender and crisp. (Pkt., 10c.) (oz., 20c.) (1 lb., 65c.) (lb., $2.00) postpaid.

Romaine, Cos or Celery Lettuce

This type of lettuce forms long upright loose folding heads and the inner leaves bleach white. It is usually preferable to tie up the heads to assist bleaching.

PARIS WHITE COS—Very crisp and sweet. (Pkt., 10c.) (oz., 20c.) (1 lb., 65c.) (lb., $2.00) postpaid.

Chinese Lettuce

These varieties of lettuce should not be confused with the regular heading or loose leaved varieties. The plant grow very much like kale, swiss chard or Cos Lettuce, with much growth of leaf. It absolutely does not head and is used for table purpose. The wonderful leaf growth makes it ideal for green feed for chickens, etc.

CHISHA (Chicken lettuce) —You have doubtless often read in the poultry journals that lettuce was an excellent feed for chickens. In this CHISHA lettuce you will find a feed that yields as much or more than other green feeds. It is economical to grow this strain for when once cut it starts again and again, or the leaves can be pulled off each stem like the Jersey Kale. The yield is extremely heavy. CHISHA, chicken lettuce, does not make a head but sends up a stout stalk, 3 to 4 feet high just loaded with leaves. Sow seed at any time of the year round. (Pkt. 10c.) (oz., 35c.) (4 ozs. $1.03) (lb., $3.50) postpaid. Imported seed.

SUI-TSAI (千葉京菜) —It is sometimes called as a Chinese endive, will yield more green than any spinach. The leaves are very tender and dense with deeply cut-toothed and obovate shape. Cooked and served as general green, excellent when boiled, minced and seasoned with butter or sauce. (Pkt. 10c.) (oz., 20c.) (4 ozs. 70c.) (lb., $2.00) postpaid. Imported seed.
SANTOSAI (白潮水菜)—One of Chinese cabbage; differs entirely in appearance from the cabbage, being rather like a Cos-lettuce in aspect. The leaves are thick and fleshy and is highly recommended as a winter vegetable for mild climate. It should be sown in late summer for fall or winter use, successive planting can be made. If sown in early spring it comes along when lettuce, asparagus and other succulent plants do. Excellent when boiled with meat or for vegetable soup, good in oyster stew, or cooked and served as asparagus, also used extensively in salad, or boiled, minced and seasoned with butter. It is as delicate a flavor as the best endive. (Pkt. 10c.) (oz. 20c.) (1/4 lb. 30c.) (lb. $1.00) Postpaid. (Imported seed).

The leaves of these varieties of mustards, as listed here, make excellent greens of sharp, pungent flavor, and are cooked the same as spinach or beet leaves. Sow seed in drills early in the spring and at frequent intervals throughout the summer to secure a constant supply of fresh greens. Mustard is hardy and is easily grown. One ounce will sow fifty feet of row.

GIANT SOUTHERN CURLED—Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended. (Pkt. 10c.) (oz. 20c.) (1/4 lb. 30c.) (lb. $1.00) Postpaid.

TAKANA - IMPROVED — This Improved strain is known to be the best mustard in the world. The plant is very hardy and sends up stout stalk 3 to 4 feet high, just loaded with a mass of large, fleshy smooth leaves which can be pulled off each stem like the Jersey Kale. The yield is extremely heavy. The leaves are cooked the same as spinach or beet leaves. Makes excellent green of sharp, pungent flavor. Sow seed in late summer as its main crop you will secure a valuable green in October, throughout cold winter days to May. For constant supply of fresh green sow in spring and at frequent intervals through the summer. (Pkt. 10c.) (oz. 25c.) (1/4 lb. 85c.) (lb. $2.50) (2 lbs. $4.00) postpaid. (Imported Seed).

BAK-TOY (Chinese White Mustard)—A delicious vegetable and savors strongly of Brussels Sprouts, being less pungent than the other mustard. Are cooked the same as spinach or swisschard.

It is greatly relished by the Orientals, and can be seen all the year round at vegetable stand kept by the Chinese and Japanese.

Sow seed as early in spring as ground will permit, covering with 1/2 inch fine soil firmly pressed down. When 2-3 inches high they should be transplanted to 6 inches apart in rows at least 18 inches apart. (Pkt. 10c.) (oz. 25c.) (1/4 lb. 85c.) (lb. $2.50) (2 lbs. $4.00) postpaid. (Imported Seed).
CHINESE GREEN—This is an Oriental vegetable, and like the bok-choy, white mustard, is grown all the year round, but like American spinach, thrives best in the winter season. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. $1.00). Imported Seed.

Extra Early Hackensack Muskmelon

The melon should not be picked until they become quite yellow. Stow away so they do not touch each other, in a cool, dark place. When the rind becomes slightly softened and moist they are ready to eat; some of the melons will keep until February.

GOLDEN BEAUTY—This melon is very similar to Winter Pineapple except that it has a golden-yellow rind. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 60c.) (lb. $2.00) (2 lbs., $3.20) postpaid.

PERSSIAN—A large globular melon, heavily netted without ribs; orange flesh of delicious flavor; a good keeper. (Pkt., 10c.) (Oz. 50c.) (1/4 lb. 1.50) (lb., 5.00) (2 lbs., 8.00) postpaid.

WINTER PINEAPPLE—A large late variety with wrinkled skin and green flesh of a pineapple flavor. (Pkt., 10c.) (Oz. 20c.) (1/4 lb. 60c.) (lb. $2.00) (2 lbs., $3.20) postpaid.

HONEY DEW—The fruit of this melon is of medium size, weighing 5 to 6 pounds, light colored smooth skin, thick green flesh of a delicious honey-like flavor. (Pkt., 10c.) (Oz. 20c.) (1/4 lb. 60c.) (lb. $2.00) (2 lbs., $3.20) postpaid.

GOLD LINED ROCKY FORD—A grand new muskmelon. It is heavily netted, slightly oval with no ribs. The melon is thick-meat, fine-grained and sweet; color, green with a gold margin next to the seed cavity of very superior quality. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 60c.) (lb., $2.00) (2 lbs., $3.20) postpaid.

MUSKMELON or CANTALOUPE

One ounce will plant 80 hills; 2 punds will plant an acre. A light, warm, rich soil is essential for this crop. Plant in hills 6 feet apart each way, using 3 or 8 seeds in the hill. After all danger of destruction by bugs is over, thin out to 3 plants to a hill. When about 1 foot long, pinch off the tips to make them branch. This strengthens the growth of the vines and makes the fruit mature early.
"MAKUWA" (Japanese Muskmelon)

The melons are about the size of Tip-Top. Shape is round, with slightly pointed end. The flesh is bright pink clear to the rind and texture is almost as fine as that of Honeydew or Casaba. The outside color is light yellow green with dark green spots hit-or-miss all over the thing. There is no netting—its hide is practically smooth. The flavor is more delicate than that of the Persian or Honeydew. A truck load of this "Makuwa" melons turning up an alley will always attract a crowd because of the exquisite fragrance.

KIN-MAKUWA—An aromatic muskmelon that is attractive rich golden yellow both skin and flesh, for which one is said to acquire an unconquerable taste after a few mouthfuls. Fruit is round and very heavy cropper. (Pkt. 10c.) (Oz. 75c.) (1/4 lb. $2.50); (lb. $7.50) postpaid. Imported Seed.

NASHI-MAKUWA (Japanese).—A beautiful creamy white muskmelon, of the finest delicious flavor as American Honey-dew melon combined with a high quality of pear taste. The flesh thick snow white, crisp and tender gives general satisfaction. (Pkt. 10c.) (Oz. 75c.) (1/4 lb. $2.50); (lb. $7.50) postpaid. Imported Seed.

"SHIROURI" (Japanese White Melon)

One of the most interest and great valued vine fruit which will belong to between the cucumber and the muskmelon. The fruit grown large size in oblong. The skin is glossy, smooth, light green or pale white attractive in color. The flesh white and very thick with a few seeds, tender, but little harder than muskmelon, and contains better, sweetness than any of cucumbers. Delicate flavor, crisp, mild and hard to describe.

The favorite native way of serving it is to the same as slaw or salad, cut to slices and combined with sauce and little vineger and pepper. And also it is valuable to pickle in slices. The culture and care is the same as cucumbers. Try some and find their real value.

TABATA-MAMMOTH. (田端大越瓜)—An excellent quality, vigorous and productiveness. Fruit grows to extra large size, 10 inches long and 4 to 5 inches in diameter. And the finest flavor. (Pkt. 20c.) (1/2 Oz. 60c.) (Oz. $1.00) (4 Ozs. $3.00) (lb. $10.00) postpaid. Imported Seed.

KUROMON-EARLY. (黒門大越瓜)—The early, quick growing variety and easy culture. The fruit is medium size, in attractive green color. Distinct flavor. Very prolific. (Pkt. 10c.) (Oz. 40c.) (4 Ozs. $1.20) (lb. $4.00) postpaid. Imported Seed.

KOSHIRO-URI. (早生小越瓜)—An extra early sort. The fruit is small, about 5 inches in length and 2 to 3 inches in diameter and very straight and even shape, go-d flavor. It is the fine forcing variety and also good for outdoor culture. Very prolific. (Pkt. 10c.) (Oz. 50c.) (4 Ozs. $1.75) (lb. $5.00) postpaid. Imported Seed.
A light, sandy soil, with good exposure to the sun, is the best for watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. To get good, strong vines early in the season, form large, well-drained hills of earth, made very rich, about 8 feet apart. In these plant the seed as soon as the ground is warm and dry, dropping 6 to 10 seeds in the hill. Protect the young plant from insects. One oz. to 30 hills, 3 lbs. to the acre. When the plants are about 4 inches high thin out, leaving only four of the strongest plants to each hill.

**ANGELINO**—A round deep green melon, rind very thin, flesh deep red and of fine flavor; a good shipper. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**BLACK SEEDED CHILIAN**—A fine melon for the home garden; of medium size, nearly round, black seed and red flesh of excellent flavor. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**CHILIAN**—A very desirable melon for the home garden; of medium size, nearly round; skin is deep green, faintly mottled and striped; flesh is bright red. fine grained and very sweet. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**FLORIDA FAVORITE**—A splendid melon of very large size and excellent quality. Fruit long, dark green, mottled and a ripened with lighter shade; rind thin but firm. Flesh bright deep red; very sweet and tender. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**GEORGIA RATTLESNAKE OR GYPSY**—One of the largest and most popular sorts. Fruit very long, of light green color, distinctly striped and mottled with a darker shade. Flesh bright scarlet; very sweet and tender. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**HALBERT HONEY**—It belongs to the large type of melons, with grow from 50 to 75 pounds. It is oblong in shape. Rind a beautiful dark glossy green color, very thin and very tough and impervious, which enables it to keep the flesh good and fresh longer after ripening than any other sort. The meat is dark crimson red, deliciously crisp and sweet and fine flavor. It is especially prolific and attractive. We highly recommend this variety to all market growers on account of its many excellent qualities. (Pkt. 10c.) (oz. 20c.) (4 ozs. 50c.) (lb. $1.50) postpaid.

**KLECKLEY SWEET OR MONTE CRISTO**—The sweetest of all shipping melons; very desirable for home use or nearby markets. Fruit of medium to large size, oblong, tapering slightly toward the stem end; dark green. Flesh bright red, crisp and tender. A very vigorous and productive variety. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**KLONDYKE**—A great favorite of recent introduction. Oblong, dark rich green, flesh bright red, very crisp and sweet. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 70c.) (lb., $2.00) postpaid.

**KOLB'S GEM**—A very large round or slightly oval melon. Rind exceedingly hard and firm, making it one of the best round sorts for shipping. Flesh bright red; sweet and tender; black seeded. (Pkt., 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**TOM WATSON**—A very large, long melon with dark green skin. Flesh bright red; very sweet and tender. Rind thin but tough, making it a good shipping sort. Vines vigorous and productive. (Pkt. 10c.) (oz., 20c.) (1/4 lb., 45c.) (lb., $1.25) postpaid.

**CHINESE WATERMELON**

**ZIT-KWA**—A Chinese cooking water-melon, seems destined to have a vogue in this country. It is valuable for stew or soup or peel off minced to good size and boiled and served as a fine salad with little sauce and mustard. The Chinese cut it into thin slices while it is still far from ripe, hung it in the sun till dry, pickle it in vinegar or put it down in either syrup or brine, or makes it into glace sweet. The vines are very hardy and prolific. The fruit can keep throughout to spring in green freshness. (Pkt. 10c.) (Oz. 30c.) (1/4 lb. $1.00) (lb. $3.00) postpaid. Imported Seed.

**CHINESE "WAX GOURD"**

Similar to the above in all texture but little smaller in size and have small cucumber-like seed. (Pkt., 10c.) (Oz., 30c.) (1/4 lb. $1.00) (lb. $3.00) postpaid (Imported seed).
MUSHROOM SPAWN

CULTURAL DIRECTIONS

Ten pounds will spawn about 10 feet square. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure rich, good soil, and to every bushel of this soil add 2 bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say, 4 feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 or 18 inches thick. As soon as the temperature of the bed falls from 75 to 50 degrees, the spawn may be inserted in pieces about the size of a walnut, about 2 inches deep and 6 inches apart. Cover with loamy soil about 2 inches deep and beat it down evenly and firmly. Finish off with a covering of clean hay, about a foot thick, and the work is done. If the temperature is right, in 6 or 8 weeks you may expect mushrooms. The beds will continue bearing from 20 to 30 days.

After the first crop is gathered spread over the bed an inch of flesh soil, moisten with warm water, and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil.

Lambert's Pure Culture—Bricks, 50c. each, postpaid; 5 bricks, $1.75, by express. (Packed weight 7 pounds) If ordered by mail add postage at zone rates.

Mushroom Culture Pamphlet free on request.

ORIENTAL GOURD

CHINESE BUTTER BEAN GOURD.—One of the Chinese Curiosity and is a member of the edible gourd family and in growth is similar to the squash, and can be grown in the same manner or can be trellised up. It is wonderfully prolific, considerably more productive than squash and much easier to grow. The vines are always free from disease and insect pests, and really stand more neglect and abuse than any other vegetable vine we know of.

Fruit grow to four, five feet long and 4.5 inches in diameter, which combines the flavor of the delicious marrow with the finest French beans. To serve, take fresh from the vine, a young gourd bean about 15 inches long or smaller, while the fuzzy growth is yet on. Cut into cubes about an inch, bring to a boil, pour off the water twice. Season well with salt and pepper and butter. You will be surprised how it is. Extremelly economical.

Culture is same as for cucumbers or squashes. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 80c.) (lb. $2.50) postpaid. Imported Seed.

CHINESE BOTTLE.—Produce a very fine fantastical bottle like fruit. The shell, when dried, hard and extremely light. Used as a thermos bottle in China.

This gourd is tender annual, of trailing or climbing habit, the seed should not be planted until the ground is warm. Plant in hills and cultivate as squash or cucumber. Leave two, three plants in a hill and allow the vines to ramble or train over a trellis for shading windows. (Pkt. 10c.) (Oz. 40c.) (1/4 lb. $1.35) (lb. $5.00) postpaid. Imported Seed.

LUFFA (Chinese Dish-cloth gourd)—This wonderful gourd from China, known as Shi-Qua. The fruit grow to three to four feet long and is eaten when young being cooked like squash or served in soups and stews. The young fruit is sometimes sliced and dried.

Many women prefer a dishcloth made of this gourd to anything else, as it is always sweet and clean as long as any part of it is left. Culture is same as for cucumber and melon. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 35c.) (lb. $1.00) postpaid. Imported Seed.
SUGAR TROUGH—The fruit grow to be a big round shape, 15 to 20 inches in diameter. The shell, when dried, thick and hard, extremely light but very durable and makes useful household. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 75c.) (lb., $2.50) postpaid. Imported Seed.

QUO-KWA (Chinese Balsam Pear)

Rapid growing vines with lobed light green leaves. The attractive rich creamy flowers followed by fruit about the size of small cucumber. Fine for trellises or low fences.

The unripe fruits are green and when ripe they turn to a bright golden yellow and open up, disclosing the seeds encased in a carmine covering. Have distinctive fine flavor valuable for fried with meats. The interior the fruit served in row with cream and sugar.

Plants just as soon as ground be^rm and weather settled. (Pkt., 10c.) (Oz., 40c.) (1/4 lb., $1.25) (lb., $5.00) postpaid. Imported Seed.

ONION

Onions are extremely hardy and will grow in any soil. No knowledge or care is required, providing the soil is rich soil well drained. For extra early onions the seed should be sown from August 1st to October 1st. Transplant when they are as large as lead pencils 5 inches apart, in rows 15 inches apart during December and January, as the plants will be large enough by that time.

PRIZETAKER—A fine onion of large size and nearly globular in form. Skin is yellowish brown; flesh white and mild. A heavy cropper and a fairly good keeper. (Pkt., 10c.) (Oz., 30c.) (1/4 lb., $1.00) (lb., $3.00) postpaid.

RED BOTTLE SHAPED OR LONG ITALIAN RED—A variety used in California markets. It is light red and is long and narrow. Early and mild in flavor. Excellent for slicing. (Pkt., 10c.) (Oz., 50c.) (1/4 lb., $1.50) (lb., $5.00) postpaid.

RED BERMUDA—In shape, like the White Bermuda, color a pale red. Planted during January matures latter part of June. No other onion is ready for use so quickly after planting seed.

SOUTHPORT RED GLOBE—A large deep-red globe-shaped variety, flesh fine grain, mild and tender, good keeper. (Pkt., 10c.) (Oz., 30c.) (1/4 lb., $1.00) (lb., $3.00) postpaid.

SOUTHPORT WHITE GLOBE—A large globe-shaped sort, pure while color, mild flavor and fine keeper. (Pkt., 10c.) (Oz., 40c.) (1/4 lb., $1.25) (lb., $4.00) postpaid.

SOUTHPORT YELLOW GLOBE—Flesh fine grained, mild and tender; the bulbs are globe-shaped and a pale yellow color; good keeper. (Pkt., 10c.) (Oz., 30c.) (1/4 lb., 75c.) (lb., $2.50) postpaid.

WHITE BERMUDA—A very early flat variety; skin a yellow straw color; flesh very mild. Used largely for planting in the Fall. (Pkt., 10c.) (Oz., 40c.) (1/4 lb., $1.25) (lb., $4.00) postpaid.

WHITE PORTUGAL OR SILVER SKIN—The favorite white variety, of medium size with clear white skin and mild flavor. It is an excellent keeper and also a good variety for growing for pickles. (Pkt., 10c.) (Oz., 40c.) (1/4 lb., 1.25) (lb., $1.00) postpaid.

YELLOW GLOBE DANVERS—Our strain of this fine main-crop onion has retained the small neck and the uniformity of ripening without yielding any of the good features of the original strain. The bulbs, of medium to large size, are uniformly globe-shaped, with small neck, ripe even, and are of a rich coppery yellow color. The flesh is creamy white, crisp, solid, and of mild and fine flavor. An excellent keeper. (Pkt., 10c.) (Oz., 30c.) (1/4 lb., $1.00) (lb., $3.00) postpaid.

Riverside Sweet Spanish

The Largest and Sweetest Onion Ever Grown

Our Riverside Sweet Spanish Onion was first grown in Spain. In general color and shape it resembles Prizetaker, but is a distinct type, and will average better than twice the size of Prizetaker. Although of gigantic size. It has a small top, is an extra good keeper, and if allowed to thoroughly dry, will stand shipping long distances. It is globeshaped; the skin light yellow or straw color; the flesh pure white, of very fine grain, crisp, juicy and exceptionally mild and sweet. (Pkt., 10c.) (Oz., 50c.) (1/4 lb., $1.50) (lb., $5.00) postpaid.

AUSTRALIAN BROWN—Extra long keeper and sure cropper. Early and very hardy. The skin is a rich brown, solid white flesh, crisp and of sweet mild flavor. Should be planted early on low, wet ground to get large bulbs. (Pkt. 10c.) (Oz., 20c.) (1/4 lb., 60c.) (lb., $2.00) postpaid.

CRYSTAL WHITE WAX—The clear white Bermuda onion, seen in our market early in spring, is this variety. Medium sized and of a very mild, sweet flavor. (Pkt., 10c.) (Oz., 60c.) (1/4 lb., $1.75) (lb., $5.00) postpaid.

PRIZETAKER—A fine onion of large size and nearly globular in form. Skin is yellowish brown; flesh white and mild. A heavy cropper and a fairly good keeper. (Pkt., 10c.) (Oz., 30c.) (1/4 lb., $1.00) (lb., $3.00) postpaid.
Among the natives of YEZO, an Island of northern Japan, there has been a tremendous demand for this newly introduced onion for the past few years, especially for the growing of onion sets. The onions are a fine globular, like Yellow Globe Danvers in shape, but are far superior in flavor and keep longer; also in size, under ideal conditions, great crops of EBENEZER onions are produced, bulbs that will measure three to four inches in diameter and weigh up to 1 1/2 pounds each. The skin coat is light yellow, neckland root disk small and fine. They have a thin skin and are firm, solid and of a most delightful flavor.

EBENEZER onion sets produce a much larger tonnage of marketable onions than those of old Yellow Globe Danvers or any other varieties. Moreover, the percentage of the sets running to seed is very small and they are practically immune from fungous diseases. (Pkt. 10c) (Oz. 4c) (1/4 lb. $ 1.25) (lb. $ 4.00) postpaid. Imported Seed.

**Onion Sets**

Plant near the surface, in drills 12 inches apart and 2 inches between the sets. When raised from sets the onions can be used in the green state or may be ripe ed off for large onions, in which case they are fully 6 weeks earlier than when raised from seed.

Yellow Onion Sets—Lb., 20c.; postpaid, 25c.

Garlic—Prices on application.

**NEBUKA (Japanese Green Onion)** (日本根深蔥)

This is a species of onion which does not form a bulb, but it is used because of its mild and delicious root stem or neck together with its tender green leaves in the same way as onions or leeks. Many think that any white onion will do for a bunching onion, but the NEBUKA is the best for this purpose.

The best NEBUKA grown low sandy or muck lands, with natural moisture or plenty of it. High land can be used if irrigated, providing the land is rich and very well worked before planting. Sow the seeds from January to April in the bed and transplanted into rows 24 inches apart 3/4 inches apart in the rows, as deep as possible, so that the neck may be covered and blanches; draw the earth to them as they grow. For good NEBUKA for winter and early spring use sown in July to August. Matured in 5 months they are also eaten raw like a scallion.

SENJU NEBUKA.—is one of the good NEBUKA strains, producing a long, blanched root stem of uniform size averaging one inch in diameter and 12 inches long, beautifully white and fine grained and of sweet and mild flavor. It stands well in severe cold weather, but is more popular for its easy culture and vigorous growing. (Pkt. 10c) (Oz. 5c) (1/4 lb. $ 1.75) (lb. $ 5.00) (2 lbs., $8.00) postpaid. Imported Seed.

TOKYO-NEBUKA.—The strong growth, produce a long blanched neck (or stalks) of uniform size averaging one inch throughly. 12 inches long, beautifully white and of fine mild flavor. The most excellent variety in NEBUKA and only sort that can be never injured by snow or heavy frost in severe cold winter if necks are keep under ground. (Pkt. 20c) (1/2 Oz. 60c) (Oz. $1.00) (1/4 lb. $ 3.50) postpaid.

NATSU-NEGI (Summer Nebuka).—A fine summer variety, having a good thick white long tender neck in summer months. Very vigorous and quick growth, of sweet mild flavor. (Pkt. 10c) (Oz. 3c) (1/4 lb. $1.00) (lb. $3.00) (2 lbs., $4.80) postpaid. Imported Seed.

IWATSUKI.—A year round nebuka, grow to thin neck or (stalk) and is the best variety for excellent scallions, of quick strong growth. Young fine nebuka will grow enough to use in 3-4 weeks from seed. (Pkt. 10c) (Oz. 20c) (1/4 lb. 50c) (lb. $ 1.50) postpaid. Imported Seed.
OKRA (オクラ)

CULTURE—This is a highly esteemed vegetable in the South and no garden, whether small or large, is without it. It is used in making “Gumbo,” a dish much esteemed by the Southern people. It is also boiled in salt water, served with vinegar as a salad, and is considered a wholesome dish. Should not be planted before the ground is warm in Spring, as the seeds are apt to rot. Sow in drills, which ought to be two to three feet apart, and when up, thin out and leave one or two plants every twelve or fifteen inches. Matures in 90 to 125 days. One ounce to 50 feet of drill; 10 pounds to acre.

PERKINS’ MAMMOTH LONG POD.—This variety grows about 3 feet high, very early and productive. Pods deep green, very long, slender and slightly corrugated; very tender and of good quality. (Pkt., 10c.) (oz. 20c.) (1 lb. 45c.) (lb. $1.25) postpaid.

WHITE VELVET.—An early productive variety. Pods white, long, smooth and tender. (Pkt., 10c.) (oz. 20c.) (1 lb. 45c.) (lb. $1.25) postpaid.

PARSLEY (パセリ)

Culture.—Same as lettuce

PLAIN or SMOOTH-LEAVED. This variety has a richer parsley flavor than the curled varieties and should be preferred for the home garden. It is not profitable to the market gardener for the reason that the curled variety will produce much more per acre. (Pkt. 10c.) (oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) postpaid.

CHAMPION MOSS CURLED.—Extra dark. Leaves are crimped and curled, giving a most beautiful decorative appearance. (Pkt. 10c.) (oz. 20c.) (1/4 lb. 50c.) (lb. $1.75) postpaid.

MITSUBA, (Japanese parsley).—The leaves used for garnishing dishes of meat or cooked in soup as highest quality of the parsley. Midribs are boiled and minced and seasoned with butter, served as asparagus, very tender and excellent flavor. The seed should be sown thinly in drills early in spring, in the shady place. It is quite hardy, but should be protected by a thin mulch or hay or straw. Will produce more tender, sweet, blanched, white midribs by earthing up. (Pkt. 10c.) (oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) postpaid.

PERILLA (Chinese Herb green).—Leaves used for seasoning, flavoring or in pickles, and as peppers after minced fine. It will add more delicious and appetizing flavor to all dishes. Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant. As slow in germinating be careful that the top soil does not become hard and keep it in a moist though not sodden condition until the seedlings appear. (Pkt. 10c.) (oz. 35c.) (1/4 lb. 1.10) (lb. $3.50) postpaid.
**PEPPERS (ペッパーズ)**

**CULTURE**—Peppers are tender and require to be raised in the hot bed. Seed should be sown from December to February, and when large enough transplanted into the ground in rows from one and one-half to two feet apart, and a foot and a half in rows. Sow in open ground during July and August for Fall crop. There are more Peppers raised here than in any other section of the country; the hot varieties are used for seasoning and making pepper sauce, the mild varieties are highly esteemed for salad. Care should be taken not to grow two different kinds close together as they mix very readily. Matures in 95 to 130 days. Four ounces will produce 1,500 plants; 4 ounces to the acre.

**SUNNYBROOK, or IMPROVED SWEET CHEESE**—The outstanding feature of this Pepper is its unusually fine flavor. In appearance, quality and flavor it is almost identical to the much advertised Topepo, which is erroneously reported to be a cross between Stone Tomato and Ruby King Pepper. It is a much more satisfactory variety than the Topepo ripening much earlier and averaging much larger in size. It is in great demand in all localities where it has been introduced. (Pkt, 10 cts.) (Oz., 60 cts.) (1/4 lb., $1.85) lb., $3.00, postpaid.

**CHINESE GIANT** (Chinese Giant Pepper チャイニーズ デイアント)—A very large, deep red variety, very thick and blunt. It is fully twice as large as Large Bell, or Bull Nose, being 4 to 5 inches thick at the top and about 6 inches long. Plants are not prolific bearers. (Pkt., 10 cts.) (Oz., $1.00) (1/4 lb., $3.65) lb., $10.00, postpaid.

**LARGE BELL or BULL NOSE** (ラージ ベル)—Fruit large, round and blocky and about 3 inches long and 2 inches thick. The color is deep green when fruit is young, but when fully ripened it is a rich, glossy blood-red. Plant grows about 2 feet high. (Pkt. 10 cts., (oz. 50 cts.) (1/4 lb., $1.65) lb., $5.00, postpaid.

**RUBY KING** (ルビーキング)—A popular variety of the Bell, or Bull Nose type. The fruit is large, dark green while young, turning to bright, glossy red when ripe, and the flavor is mild and sweet. A desirable variety for pickling in salads and for stuffing. (Pkt. 10 cts.) (oz. 75 cts.) (1/4 lb. $2.50) (lb. $7.50) postpaid.

**LONG RED CAYENNE**—A strong, pungent variety, having long, pointed fruit, which is bright scarlet when ripe. A well-known and popular variety. (Pkt. 10 cts.) (oz. 50 cts.) (1/4 lb., $1.65) (lb., $5.00) postpaid.

**RED CHILLI** (レッドラップ)—A rather small, bright-red variety, about 2 inches long and pointed. The pods are used in making Chili sauce, and are very pungent and hot. (Pkt. 10 cts.) (oz. 50 cts.) (1/4 lb., $1.65) (lb., $5.00) postpaid.

**PIMENTO**—This is a sweet Pepper good for salads, either fresh or canned. Used largely by canners and market gardeners. Very thick flesh; mild flavor. (Pkt. 10 cts.) (oz. 50 cts.) (1/4 lb., $1.65) (lb., $5.00) postpaid.

**TOPEPO**—A new fruit, frequently called PEPPER TOMATO, as it has the appearance of a large golden yellow Tomato but the flavor resembles a sweet Pepper. (Pkt. 25 cts.) postpaid.

**TAKANOTSUME** (Japanese Hot)—The famous hot pepper of Japan. The plant grows vigorously, forming compact and upright bushes. The fruits are small 1 inch long and one quarter of an inch thick; borne in abundance all over the plants. This is the hottest of all red peppers. (Pkt., 10 cts.) (Oz., 60 cts.) (1/4 lb. $1.00) (1/4 lb., $2.50) (lb., $7.50) postpaid. Imported seed.

**Japanese Pepper** 日本ハツ房

**RED MILD** (ピーマン)—This is a bright red Pepper good for salads, either fresh or canned. Used largely by canners and market gardeners. Very thick flesh; mild flavor. (Pkt. 10 cts.) (oz. 50 cts.) (1/4 lb., $1.65) (lb., $5.00) postpaid.

**PEANUTS (ピーナッツ)**

Peanuts are readily grown and when shelled can be planted from April to August, at the rate of 2 bushels per acre, in drills 2 to 3 feet apart, placing the seeds 12 to 15 inches apart in the drills. Cultivate well and keep free from weeds.

**VIRGINIA IMPROVED**—This variety is much superior to the ordinary Peanut, yielding heavier imperfect pods and combining earliness, productive and size; yields on ordinary and about 40 sacks to the acre. (Lb. 30 cts.) (10 lbs. $2.50) postpaid. Write for quantity price.

**SPANISH**—Rather small pods, but very early and extremely productive. The nuts are rich and highly flavored. This variety is also used for stock feeding. The entire plant being harvested and making very nutritious feed. (Lb. 30 cts.) (10 lbs. $2.50) postpaid.

**CHINESE BUSH**—The plants produce a large quantity of nuts, adapted for culture in more northerly location, where the late varieties do not mature. (Lb. 40 cts.) (10 lbs. $3.50) postpaid. Imported seed.
# Peas

A light, dry soil, not over rich, suits the Pea. If they grow too vigorously and show no signs of bloom, run a spade along about eight inches from the row straight down, and thereby root prune them. Do this each side the row, and they will bloom in a few days. Plant as early as the ground can be worked, and again every two weeks for succession throughout the season. Plant single or double rows from four to six feet apart, according to the different heights, about an inch apart in the row and three inches deep; hoe often. In dry weather, Peas should be soaked in soft water five or six hours before planting, and if the ground is very dry they should be watered in rows. Peas. Free delivery any where within the fourth parcel post zone.

### Early Varieties

- **Alaska, or Earliest of All** — A very early tall variety, vines 2 to 2 1/2 feet, with smooth, small peas, green seeded, of good quality and short, well-filled pods. Popular sort with canners and market gardeners; will not rot in cold, wet soil. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **American Wonder** — An extra early sort and a heavy cropper, ready to pick in 45 to 50 days from time of planting. The vines require no support as they only grow 12 to 15 inches high. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Blue Bantum** — An early semi-dwarf variety bearing very long pods of a deep green color; very prolific. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Gradus or Prosperity** — A very early large podded sort, growing 3 to 3 1/2 feet high. Peas are large, of fine quality and light green in color. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Little Marvel** — A prolific dwarf variety about 1 1/2 feet high; pods average 2 inches in length, well filled with 6 or 7 large peas of excellent flavor. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Notts Excelsior** — A very fine extra early wrinkled variety, being as early as American Wonder and having larger pods. Very productive; height 14 inches. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Premium Gem or Little Gem** — An early dwarf wrinkled pea, very productive and sweet, height 16 to 18 inches. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Thomas Laxton** — A fine early tall variety similar to Gradus, but more hardy and not so early. It is also darker in color and has large blunt pods that are well filled with peas of finest quality. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Laxtonian** — One of the earliest dwarf peas. Vines are vigorous, growing about 18 inches high, well covered with large, even-sized pods. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

### Later Varieties

- **Alderman** — A dark podded pea of the Telephone type. The vine is of vigorous growth and the pods are dark green and well filled with large peas. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Carter's Daisy, or Dwarf Telephone** — A dwarf variety producing large pods like Telephone; very prolific and of fine quality; height 18 inches. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Champion of England** — One of the most popular tall, wrinkled varieties. It is very prolific and hardy, and the peas are of especially fine, rich quality. (Pkt., 10c.) (lbs., 35c.) (10 lbs., $3.00)

- **Melting Sugar or Edible Pod** — A prolific variety bearing brittle pods, which are cut or broken and cooked like beans. The pods are very large, broad and medium sized and are well filled with large peas, which remain in good condition for a long time. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Stratagem** — A very strong grower, very prolific, with dark green pods of good size and well filled. Vines grow about 2 feet high. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)

- **Telephone** — One of the latest varieties, is tall and vigorous, with enormous pods, bearing large, wrinkled peas of remarkable fine quality; a popular home and market variety. (Pkt., 10c.) (lb., 35c.) (10 lbs., $3.00)
PUMPKIN  

Enormous Pumpkins may be grown on the fertile soils of the West. Pumpkins weighing 160 to 180 pounds are not unusual at State Fairs. Plant the seed in the open ground when it is well warmed and after danger from frost is past. Plant in hills about 8 feet apart. Three to four pounds of seed will plant an acre and eight ounces will plant 100 hills. Do not plant near squashes, as they are likely to cross.

CONNECTICUT FIELD or New England Pie—The variety produces over 20 tons to the acre. A fine large orange-colored variety, used for stock feeding. The skin is smooth and sweet and the flesh is brittle and sweet. (Pkt. 10c) (Oz. 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

MAMMOTH KING OR JUMBO—Vines of strong, vigorous growth and wonderfully prolific. Pumpkins of immense size, weighing from 100 to 200 pounds; globular in form and flattened a little at the end. Salmon-orange skin, very thick orange-yellow flesh, which is fine-grained, tender and of excellent quality for pies. (Pkt. 10c) (Oz., 20c) (1/4 lb., 60c.) (lb., $1.75) postpaid.

LARGE CHEESE OR KENTUCKY FIELD—A very large, round, flattened pumpkin averaging about two feet through. The skin is a creamy buff color and the flesh yellow and of fine quality. (Pkt. 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

SMALL SUGAR—One of the best varieties for pies; fruits are of small size, averaging about 10 inches in diameter, of fine keeping quality; skin deep orange-yellow; flesh very sweet. (Pkt. 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

RAbISH  

No garden is complete without radishes in succession at all times. They are no trouble, have no pests, and mature in a month and a half. Crimson Giant Forcing, Icicle and Half Long are all very solid varieties. Use two-thirds ounce for 100 feet of row, and thin the very young plants somewhat to prevent crowding. Summer varieties can be sown all Spring and well into Summer. Winter varieties, however, require some time to mature, and the seed should be planted in August and September for good radishes in November and December.

EARLY SPRING AND SUMMER RADISHES

CRIMSON GIANT—This variety is suitable for forcing or for early planting out of doors. A round radish of large size and remaining in good condition for a long time. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

EARLY SCARLET TURNIP—A valuable variety for forcing or outdoor culture. Is a small, turnip-shaped variety; and in color entirely crimson. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

EARLY SCARLET GLOBE—A popular forcing variety owing to its very thick growth and fine, bright scarlet color. Shape, a trifle oblong. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

SCARLET TURNIP WHITE TIPPED, OR ROSY GEM—One of the most popular varieties. It is globe-shaped, bright rose-carmine with bottom and tip clear white. Very valuable for forcing as well as for the house garden and market. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

FRENCH BREAKFAST—Scarlet, with white tip; shape nearly oval; good for forcing or Summer sowing. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

HALF LONG, OR OLIVE-SHAPED—The variety most largely used by gardeners in California. It is about 3 inches long with half-stump root and sloping top. Color, carmine. Quick growing and hardy. Remains solid longer than any other variety. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

ICICLE—A delicious and attractive white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle and mild in flavor. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

LONG SCARLET (short stop)—The best known and most popular long variety. Color, bright carmine, and flesh brittle and firm. About 6 inches long, the top growing out of the ground about 1 inch. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

WHITE VIENNA, OR LADY FINGER—A very fine, long, white variety, quick growing, and ready for use when very young. The flavor is mild and sweet. (Pkt., 10c) (Oz., 20c) (1/4 lb., 45c) (lb., $1.25) postpaid.

RHUBARB  

CULTURE—Sow in early spring an inch deep, and when well started thin young plants to four inches apart. Rows should be a foot apart and kept well cultivated between rows to get vigorous, sturdy plants. When the plants are one year old remove to prepared beds in early spring, and place four feet apart each way. Do not cut until the second year; apply manure every fall.

MYATT'S VICTORIA—The variety most generally in use. It comes fairly true from seed. (Pkt., 10c) (Oz., 20c) (1/4 lb., 65c) (lb., $1.75) postpaid.

GIANT CRIMSON WINTER—The new variety, which has become very popular and profitable to the grower, is of delicious flavor, extremely hardy, very prolific, and very quick growing. Produces good stems all Winter and Spring. (Pkt., 20c) (Oz., $2.50) postpaid.

For Rhubarb Roots, see page 66.
"DAIKON" or JAPANESE RADISH (大根)

DAIKON—Is surely one of the Oriental wonderful vegetables. They grow to immense sizes Picture to yourself a pure white radish 1 to 3 feet in length, about 10 inches in circumference, and 2 to 10 pounds in weight, and some grow round, like a baseball, to about 20 to 30 pounds in weight. In has the flesh of a Baldwin apple and is as fine as a grain, and you will find it flavored a head of the best spring radish that ever passed your lips. It is excellent boiled with meat or used in vegetable soup, it is also good in oyster stews. By all means try this strain and you will be surprised at the real value of these wonderful radishes. It will thrive at any season during the growing year, however some variety do better at certain season as one will see by reading the following descriptions of the variety which we introduce as being the best for local conditions. Sow in drill 20 to 24 inches apart and when 3 to 6 inches high thin out 10 inches in row. Japanese radish should be grown in light, rich loam soil well worked. Water once a fortnight during cool weather and once a week during the warmer months. They mature in between 60 to 120 days. Six pounds will sow an acre.

NERIMA-LONG or MIKADO—This is the leader of Japanese radish and the taste will immediately convince anyone of the fact that it is not merely a curiosity but a radish of extraordinary quality, large and long (as long as 3 feet) and 2 to 3 inches in diameter, and the end of the root is round in form, snowy white and bright color and very fine taste with sweetish flavor. NERIMA can be used in many ways of cooking and pickles, hardy and good keeper. We have had long experience of production of NERIMA-LONG successfully and we are earnestly presenting this to all good farmers and garden lovers. Try it this year and you will find a big, interesting crop in a few months. For main crop sow according to the following schedule. San Francisco and vicinity, early August; Southern States, late August; Northern States in early July. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 50c.) (lb. $1.50) (2 lbs., $2.40) postpaid. Imported seed.

MIYASHIGE—Grows more than two feet long and over 3 inches in diameter. And are very richly formed; solid and fine sweet flavor. Skin is a beautiful white and green in top. Keeps well, firm and crisp for a long time. We recommend our selection of this as being an extra good cooking radish. In Japan it is generally cut into small pieces and dried in the sun and kept for a long time. Grows easily everywhere, for the main crop sow according to the following schedule. San Francisco and vicinity, early August; Southern States, late August; Northern States in early July. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 50c.) (lb. $1.50) (2 lbs., $2.40) postpaid. Imported seed.

Radish, Nerima Long

Radish, Miyashige

Summer favorite Radish
SAKURAJIMA (Mammoth of Japan)

The largest sort in DAIKON cultivation—monster round in shape, often attaining the enormous weight of 15 pounds, and sometimes 20 to 30 pounds. They look more like prize-grown pumpkins or blue-ribbon squashes, don’t they? Curiously, when this variety is planted elsewhere it deteriorates and becomes the usual size in a season or two. The flesh is solid, firm, and brittle, and of most excellent flavor. Good for any style of cooking, also is valuable for feeding cattle. It will grow and thrive in any soil or climate and may be transplanted or left where it was sown, and is as good when in bloom as in its younger days.

It is sown in August it will be the full size at early next summer, and if sown in the spring will be ready for late fall use or winter storage. (Pkt., 10c.) (Oz. 25c.) (1/4 lb. $75c.) (lb. $2.50) (2 lbs. $4.00) postpaid. Imported Seed.

SHOGION

Round and very large. It is the next in size of “SAKURAJIMA DAIKON” white and smooth, very sweet, one of the remarkable sort for cooking use. Main crop sow in July and will mature in September. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.40) postpaid. Imported Seed.

MINOKUNICHI-EARLY

It is known as very quick-maturing DAIKON for early spring sowing, but just as important for winter storing from seed sown early in August. Of very fine quality, flesh and skin are pure white, remaining firm and crisp. Mature in about 50 days. Desirable for home garden. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 65c.) (lb. $2.00) (2 lbs. $3.20) postpaid. Imported Seed.

TOKINASHI or ALL-SEASON — The best known and most popular all season radish. Color; beautiful white, flesh brittle and firm, of pungent with fine flavor. This strain will well stand heat without becoming pithy. Excellent, good for cooking, or in raw, and may be eaten from the time it is half an inch through until it measures 15 inches long and 2 inches in diameter as its full size. It is a money maker, as it is just right in every respect. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 50c.) (lb. $1.50) (2 lbs. $2.40) postpaid. Imported Seed.

SUMMER-FAVORITE—This is the best variety of summer radish. Grows about 15 inches long and 2 inches in diameter; the color is brightening snow white with a little green at the shoulder. Of an excellent flavor, pungent; good for all style of cooking, especially fine for pickles in summer. Sow seed in early spring. (Pkt. 10c.) (Oz. 20c.) (4 Ozs. 60c.) (lb. $1.60) (2 lbs. $2.90) postpaid. Imported Seed.
CHINESE RADISH (支那もち大根)

LOO-PAI, CHINESE WHITE—A large white, good bottle shaped winter radish, growing 8 to 10 inches in length and 2-3 inches in diameter of deliciously sweet flavor; can be eaten as a turnip as it is without stringency. The Chinamen use this variety exclusively. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 80c.) (lb. 2.50) "2 lbs., $4.00" postpaid. This seed is grown in our Paotingfu Farm in Chili, China.

LOO-PAI, SCARLE CHINA—One of the very best for Fall and Winter use, and popular with market gardeners; bright rose color; flesh white and firm, of superior quality. (Pkt., 10c.) (oz., 25c.) (1/4 lb., 80c.) (lb., 2.50) (2 lbs., $4.00) postpaid. This seed is grown in our Paotingfu Farm in Chili, China.
The large leaves when cooked like spinach make a very palatable vegetable. In California it grows luxuriantly, spreads rapidly from the root, and becomes an obnoxious weed unless given attention. A confined location in the garden is therefore recommended.

**LARGE LEAVED FRENCH**—The variety having the largest leaves and therefore the most desirable. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 45c.) (lb. $1.25) postpaid.

**ITALIAN MARROW—Cocozelle Bush**—The very earliest of all the Squashes. Although usually eaten when quite small, still it is good for the table when nearly full grown; has a distinct flavor. The color is dark green at first, but changes to a lighter green as it matures. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 60c.) (lb. $1.75) postpaid.

**ENGLISH CREAM MARROW**—It is as sweet as a sweet potato, and has none of that pumpkin flavor. It is good any way it comes on the table, and is better than Hubbard Squash for pie. It is 6 to 8 inches long and half as thick. Decidely firm. It will keep from one season to another. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 60c.) (lb. $1.75) postpaid.

**SQUASH**

Any good enriched soil is adapted to the growing of the Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills (about 8 to 10 seeds to a hill) the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out to three plants in the hill. Keep the earth about the plants loose and free from weeds. One ounce for 25 hills, 3 to 4 pounds per acre.

**EARLY WHITE BUSH SCALLOP SQUASH**—A very early variety, with flat, creamy white, scolloped squashes, 4 to 6 inches in diameter. The vine is bushy in habit and rather dwarf. This variety is the common "patty pan" squash. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**YELLOW SUMMER CROOKNECK**—The well known summer variety. Fruit long, skin very much warty; bright golden yellow. Very fine and tender when young. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**BOSTON MARROW**—A popular variety, with large oval fruit. Skin bright reddish orange with light cream netting. Flesh orange. Fine grained and of excellent quality. This is the most popular variety for canning. The California canners plant several hundred acres annually and the fruit makes a rich orange-red, and delicious flavored dish. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**FORDHOOK**—A good variety for early winter or even summer use. The fruit is oblong, slightly ridged, is creamy yellow outside, and the flesh is thick, and when cooked is of most delicious flavor. It is used both as a summer squash and as a winter sort. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**PERFECT GEM or CREAM**—Long-keeping winter Squash, 4 to 6 inches in diameter; apple shaped, distinctly ribbed with smooth, cream-colored skin. Is solid and rather hard, but bakes to a delicious soft consistency on the inside. Although a small variety, it is a great keeper. It is used both as a summer squash and as a winter sort. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**TRUE HUBBARD**—This is the well-known winter squash, now grown so largely throughout the country. Vines of strong running growth; fruits large olive shape, with dark green skin and very rich flesh. An excellent and of splendid quality. Our strain is extra fine (see illustration above from photograph). (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 40c.) (lb. $1.25) postpaid.

**GOLDEN HUBBARD**—The flesh of a deep golden yellow—a much richer color than the Hubbard—fine grained, cooks very dry, and has excellent flavor. In its keeping qualities it is fully equal to the green variety. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) postpaid.

**SALSIFY, or VEGETABLE OYSTER**

A loose, light soil, especially sandy loam, is desirable for a long, smooth root. In stiff soils the roots are usually uneven and hard to dig. Use one ounce for 100 feet of row, and thin to two inches to prevent crowding. Plant in 12-inch to 15-inch rows.

**MAMMOTH SANDWICH ISLAND**—The improved large-rooted variety, growing about 12 inches long and being from 1 to 2 inches thick. (Pkt. 10c.) (Oz. 30c.) (1/4 lb. 90c.) (lb. $2.75) postpaid.
CHIRIMEN—An early handsome variety. Shape flat, rather small, skin deep green and turn brown when it is ripe. The flesh nice thick and beautiful golden yellow, tender, fine grained. Its flavor when cooked has been compared to the sweet potato. It is unexcelled for baking the sake and size make it perfect for this purpose—and none is better for pies. Chirimen is the earliest of any vine squash and is so prolific that last season, from ten hills of two plants each, 347 good squashes were harvested. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 60c.) (lb. $2.00) (2 lbs. $3.20) postpaid. Imported Seed.

KIKUZA—Our strain of this produces fruit round nearly double the size of “Chrimen,” weight ranging from 5 to 10 pounds each. Skin is brown. Flesh thick and handsome yellow exceptional merit for table use. A fall and winter variety, but is fine in all season, though its best quality is not attained until winter. Vines are strong, vigorous and productive. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 80c.) (1b. $2.00) (2 lbs., $4.00) postpaid. Imported Seed.

SATKYO—A good variety for early winter or even summer use. The fruit is very queer shape as seen in engraving. Skin is brown. Flesh is thick and when cooked is of most delicious flavor, rich and dry. (Pkt. 10c.) (Oz. 25c.) (1/4 lb. 80c.) (1b. $2.50) (2 lbs., $4.00) postpaid. Imported Seed.
SPINACH

An easily grown plant, the seed of which may be planted in the fall to secure good spinach early in the spring or even throughout the winter. The better and richer the soil, the larger and more tender the leaves will be. As a field crop for the market garden use 8 pounds of seed per acre. For the home garden use one ounce for 100 feet of row.

BLOOMSDALE SAVOY—The variety most generally used in the East and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. (Pkt. 10c.) (1/4 lb. 20c.) (lb. 60c.) (2 lbs. $1.00) postpaid.

LONG STANDING—A deep green variety, with rather elongated smooth leaves. Seed round. Stands a long time without running to seed even in hot weather. (Pkt. 10c.) (1/4 lb. 20c.) (lb. 60c.) (2 lbs. $1.00) postpaid.

VIROFLAY—This variety has become popular as an all-round Spinach. It is desired by the grower because it is harder than other varieties and will produce in tonnage per acre more than any of them.

The canner and shipper like it because of its large smooth leaves.

The consumer prefers it because it is exceedingly tender and of mild flavor. (Pkt. 10c.) (1/4 lb. 20c.) (lb. 60c.) (2 lbs. $1.00) postpaid.

FRICKLEY SEEDED WINTER—This variety thrives best in the coldest weather, and is the money-maker for the market gardener. Our seed is now American grown, and for several years has given entire satisfaction. The leaves are large, fleshy and very tender. (Pkt. 10c.) (1/4 lb. 20c.) (lb. 60c.) (2 lbs. $1.00) postpaid.

PRICKLEY SEEDED WINTER—This variety thrives best in the coldest weather, and is the money-maker for the market gardener. Our seed is now American grown, and for several years has given entire satisfaction. The leaves are large, fleshy and very tender. (Pkt. 10c.) (1/4 lb. 20c.) (lb. 60c.) (2 lbs. $1.00) postpaid.

SPINACH—"HORENSEO"—It is known as the best Oriental spinach, an easily grown sort, the seed should be sown in the summer to fall to secure good spinach early in winter or even throughout spring. The better and richer the soil, the larger and more tender the leaves will be. As a field crop for the market garden use 10 to 15 pounds of seeds per acre. The leaves are long obovate with deep cut-toothed; in somewhat looks like dandelion leaf, attaining 10 to 15 inches, forming a dense, smooth and light green in color; thick, tender and succulent. Their great substance and short leaf stalks enable to stand up even in hot weather, retaining their freshness for a long period after cutting. Matures in about 45 days. (Pkt. 10c.) (1/4 lb. 25c.) (lb. 75c.) (2 lbs. $1.25) postpaid. Imported Seed.

"SHUNGIKU," Chinese Chop-suey green (しゅんぎく)—Are the most valuable for its extraordinary chrysanthemum like aromatic flavor and as one of the great health giving greens. Leaves together whole plant are usually boiled and served in the same manner as spinach or swisschard.

A year round green, easily grown and does not require any particular kind of soil. For spring or summer use, plant seed as early as ground can be worked, and successively thereafter every three weeks. This insure a continuous crop until late in season. Sow seed in drills about 15 inches apart, covering 1/4 inch of fine soil and well pressed down. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.40) postpaid. Imported Seed.

SPINACH-KOMATSUNA—One of the best Japanese spinach greens not yet widely known in the States but sure to become popular as its merits are better appreciated. A quick growing tender leaf plant, which deserves wider cultivation. It throws from the crown about a dozen leaves which grow 10 to 15 inches high, and 2 to 3 inches wide. The plants are pulled and bunched, however, when only about four inches tall. It is less affected by unfavorable climatic aviations and dry weather than other Spinaches, to which it is equal in flavor and succulence. (Pkt. 10c.) (1/4 lb. 35c.) (lb. $1.00) (2 lbs. $1.70) postpaid. Imported Seed.
MARGLOBE (マーギロー) — A new variety introduced by the United State Department of Agriculture. Fruit resembles Globe but is scarlet and the flesh more solid. It is very wiltresisting. (Pkt. 10c.) (oz. 1/4 lb. $1.35) (lb. $1.00) Postpaid.

STOE (ストー) — This variety is very large and of a bright scarlet color; smooth, ripening to the stem without a crack; exceedingly solid; an excellent shipper, quality very best, fine for canning, a good keeper, not subject to rot, its vines and foliage rank and robust. (Pkt. 10c.) (oz. 40c.) (1/4 lb. $1.25) (lb. $1.00) Postpaid.

SAN JOSE CANNR (サンノゼキャナー) — Smooth, solid, very large fruits, which are nearly round of slightly flattened, and grow very uniform in size and shape. Its fine quality, splendid shape, large size and its great productiveness have made this late variety almost a standard sort of red tomato for main crop use. (Pkt. 10c.) (oz. 75c.) (1/4 lb. $2.50) (lb. $7.50) Postpaid.

MORSE'S SPECIAL EARLY No. 498. (モーススペシャルイーリー498) — Without question this is the best extra early tomato ever offered for home garden, market garden or shipping. Very early and extremely productive for such an early variety — unlike most early strains the foliage grow well to the center of the plants protecting the fruit from sunburn. The fruit is scarlet, very smooth and almost globular. Flesh is wonderfully firm, free core and contains very few seeds. Size and shape just right for packing and the tough skin makes it carry well and properly. (Pkt. 15 cts.) (oz. $1.35) (1/4 lb. $4.00) (lb. $12.50) Postpaid.

TROPHY — An old favorite and much esteemed for its productiveness and hardness. Our stock is the Improved Trophy, a smooth, bright scarlet. (Pkt. 10c.) (oz. 40c.) (1/4 lb. $1.00) Postpaid.

GOLDEN QUEEN (ゴールデンクイーン) — Smooth, large, bright yellow fruit of fine quality. (Pkt. 10c.) (oz. 50c.) (1/4 lb. $1.65) (lb. $5.00) Postpaid.

MARGLOE (マーグロー) — A new variety introduced by the United State Department of Agriculture. Fruit resembles Globe but is scarlet and the flesh more solid. It is very wiltresisting. (Pkt. 10c.) (oz. 60) (1/4 lb. 1.80) (lb. $6.00) Postpaid.

AMBER or YELLOW GLOBE — A large, light yellow globe shaped variety; flesh firm and sweet. (Pkt. 10c.) (oz., 20c.) (1/4 lb. 35c) (lb. $1.00) Postpaid.

EARLIANA (スパークスアーリアナ) — Without question this is the best extra early red tomato for main crop use. (Pkt. 10c.) (oz. 40c.) (1/4 lb. $1.35) (lb. $1.00) Postpaid.

CHALK'S EARLY JEWEL (チャールズイーリージュエル) — The largest, smoothest, and finest-flavored extra early bright red tomato. When using tomatoes a few days after Sparks' Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced continuously throughout the season. The plants are of strong, robust growth, with ample foliage to protect the fruits from sunscald, and not likely to blight. The bright scarlet fruits are smoothly round, very deep, and solidly meaty, with only a few quite small seed-cells, and of remarkably fine sweet flavor. (Pkt. 10c.) (oz. 40c.) (1/4 lb. $1.15) (lb. $1.00) Postpaid.

PONDEROSA, or BEEFSTAKE TOMATO (ポンデローサ) — An extremely large, irregular-fruit variety. Vine tall and fruit very solid and purplish-carmine in color. Rather coarse and late. (Pkt. 10c.) (oz. 65c.) (1/4 lb. $2.20) (lb. $6.50) Postpaid.

YELLOE PEAR SHAPED — A small-fruited variety, very useful for salads, when the fruit is simply cut in two lengthwise. (Pkt. 10c.) (oz. 75c.) Postpaid.

HUSK TOMATO or GROUND CHERRY — A small variety that is covered by a loose covering or husk. The true edible variety is yellow and is used for preserves. (Pkt. 10c.) (oz. 75c.) Postpaid.

For early use, sow as soon as ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows. For succession, continue to sow every two weeks until June; for fall and winter crop, sow in July and August.

For early use, sow as soon as ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows. For succession, continue to sow every two weeks until June; for fall and winter crop, sow in July and August. The Rutabaga or Swedes are grown for feeding stock, and are also excellent for the table. Take up the roots in November, or before severe frost; cut off tops within an inch of the crown, store in cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leading a trench around the heap to carry off the water. Put away in this manner, they will be found in good condition in spring.
Shogion Mammoth Turnip

**Oriental Turnip**

Oriental Turnip is a great favorite of fall and winter vegetable. They are also to be had in spring by proper sowing. The culture is easy, but need well-worked, rich soil to insure a quick uninterrupted growth, when they will be tender and free from woodiness. For fall and winter use, sow in July to August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plant, when very young, to 3 to 5 inches apart. For spring use, sow in January. For field culture sow in rows. Require three pounds of seed per acre.

**SHOGOIN MAMMOTH** (Blight proof and Lice proof Japanese Turnip)—It growth such great round size: ast in baseball of eight to ten pounds, pure white and brightening color; very solid and sweet. The best variety for summer planting. The roots are uniform and hard, will stand cold weather. The best cooking sort also makes a valuable feet for the cattle. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.00) postpaid. Imported Seed.

**TENNOJI-BALL**—The most popular variety well suited to American culture. The great large size, of globe shaped. Skin is smooth and brightening white. The flesh is very tender, crisp and sweet, pure white. It forms a fine uniform root in early, and good keeper. Is excellent for both market and home gardens. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.40) postpaid. Imported Seed.

**CHINESE SNOWBALL**—Perfectly globe-shaped, rather small, the earliest turnip, but can be used spring or fall. The skins is smooth, snowy white, has a polished appearance. It is the best in shipping quality, firmness and good looks, as well as being of excellent flavor and texture. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 65c.) (lb. $1.75) (2 lbs. $2.80) postpaid. Imported Seed.

**TOKYO MARKET**—One of the best summer turnip, very popular, matures quickly, flat round, pure white, fine grained flesh, and excellent of flavor. Highly esteemed by market gardiners. Sow seeds any time in spring. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.40) postpaid. Imported Seed.

**CHINESE LONG WHITE**—It grow fine long shaped, eight to ten inches in length and two to three inches in diameter. An extra quick growing variety. Skin is pure white and smooth; has fine grained flesh of sweet and mild flavor. Is good keeper. Excellent for table use. This turnip adds much fertility to the soil and will greatly assist it to retain moisture in dry weather, and will grow better root crops than ever before. If you have dry, hard non-porous, heavy or bakey soil, plant this turnip on it and all these objectionable your land will disappear. Sow seed about July, at the rate of 3 pounds to the acre. In two months the roots will penetrate the ground from 8 to 12 inches where they are allowed to remain until spring. The roots will than be decayed and the soil be found to be in a nice friable, mellow and loose condition. Both the tops and the roots are greatly relished by all kinds of stock. (Pkt. 10c.) (Oz. 20c.) (1/4 lb. 50c.) (lb. $1.50) (2 lbs. $2.80) postpaid. Imported Seed.
ARALIA CORDATA  （寒うど）
“UDO” Japanese Salad Plant

A valuable Japanese vegetable grown in bed and cut like asparagus. It has been tested in climates ranging from Nova Scotia to the far south, and has proved prolific. At Arlington, Va., seeds have produced shoots one foot long with a heavy root system in a single season. It differs from asparagus in all while, asparagus shoot tips only edible, the whole of the UDO stalk is stringless and tender. The shoots are delicate and white, and made into soup, or boiled and served on toast with butter sauce like asparagus. But the flavor of UDO is so different that it is best served to slice the stalks into thin shavings, chill them on ice, and serve with salad dressings.

CULTURE—is the same as for asparagus but, like whitloof Chicory or Celery, it should be blanched by throwing the earth over the growing plants. It is best set in beds in the early April and following Fall transplant into permanent beds thoroughly trenched two feet in depth. Set the plants in rows three feet apart and two feet apart in the rows. Preferably well drained bottom land or rich loamy soil with plenty of manure. The following spring produce the shoots. The bed will continue, bearing from eight to ten years without replanting. (Pkt., 15c.) ( Oz., 75c.) (1/4 lb. 2.50) postpaid. Imported Seed.

FIELD and GRASS SEEDS

Owing to frequent market fluctuations on Clover and Field Seeds, we do not list the 100-pound price, but request that all who are interested in quantities will write us for samples and quotations. Prices now given are those prevailing when the catalogue was published.

Charges prepaid on pound and 19-pound lots anywhere within the fourth zone. (Pkt., 10c.) ( Oz., 30c.) postpaid.

ALFALFA or LUCERNE  (Medicago Sativa)—Produces 3 to 4 heavy crops of hay in a season. 17 to 25 pounds are required per acre. Sow in the Fall or Spring. (Lb., 40c.) (Per lb., $3.00) postpaid.

ALFALFA, HAIRY PERUVIAN—Starts to grow while weather is yet cool and makes one or more additional cuttings a season. (Lb., 40c.) (Per lb., $3.00) postpaid.

ALSIKE or SWEDISH CLOVER (Trifolium hybridum)—Succeeds on wet soils. Sow 8 to 10 pounds per acre. (Lb., 40c.) (Per lb., $3.00) postpaid.

COW PEAS, BLACK EYE—Used largely for green manure. Sow late in Spring, using 20 pounds per acre if killed by frosts. (Lb., 20c.) (Per lb., $2.50) postpaid.

EGYPTIAN or JERUSALEM CORN—Excellent for chicken feed; 8 pounds required per acre. Sow last of April or in May. (Lb., 35c.) (Per lb., $2.00) postpaid.

KAFFIR CORN—Grows 6 to 10 feet high; makes good fodder for cattle; seed is used for stock and chicken food. Sow in rows 3 feet apart, using 5 pounds per acre. (Lb., 30c.) (Per lb., $1.80) postpaid.

ORCHARD GRASS or COCKSFoot (Dactylis Glomerata)—One of the most valuable of the pasture grasses; makes a good hay. Sow 35 pounds per acre. (Lb., 35c.) (10 lbs., $3.00) postpaid.

RAPE, DWARF ESSEX—A biennial crop used principally for green and hog pasture. Sow broadcast using 4 to 5 pounds per acre. (Lb., 25c.) (Per lb., $1.85) postpaid.

RED CLOVER (Trifolium Pratense)—The best clover for all practical purposes. Sow 15 pounds per acre. (Lb., 60c.) (Per lb., $3.00) postpaid.

SPRING VETCHES (Vicia Sativa)—Highly valuable for forage or green manure; makes a fine Winter growth. Sow 60 pounds per acre with grain or 80 to 100 pounds if sown alone. (Lb., 20c.) (Per lb., $1.50) postpaid.

SUDAN GRASS—An annual forage plant used both for hay and silo. Cut when leaves are 6 to 8 inches long with a mower just after full bloom. Two cuttings are assured and in some places four. It yields from 2 to 8 tons per acre, depending upon weather irrigated or not. Plant late in Spring after frost is past. If drilled in rows 18 inches apart, 1 to 4 pounds per acre is required; if in rows 24 inches apart, 2 to 4 pounds per acre; and if sown broadcast, 15 pounds per acre. (Lb., 25c.) (Per lb., $2.00) postpaid.

TIMOTHY (Phleum Pratense)—The standard hay of commerce of the eastern part of the country. Will stand extreme cold and yield very heavily. Often sown with Red Top and Red Clover. Sow 15 to 20 pounds per acre. (Lb., 20c.) (Per lb., $1.50) postpaid.

HEMP (Japanese) —Genuine Japanese. (Lb., 50c.) postpaid.

SESAME (黑麻)—Black Seeds. (Lb., 75c.) postpaid.

SESAME (白麻) —White Seeds. (Lb., 75c.) postpaid.
Abution (アプテロン)  Flowering Maple

Beautiful shrubs with maple-like leaves and large bell-shaped flowers in white, rose, yellow and red colors. Half hardy perennial. Sow the seed in boxes and transplant when well started, after danger of frost is over. Extra fine mixed, (pkt., 15c.)

Achillea, The Pearl

A fine hardy perennial, growing about 2 feet high, covered with heads of double white flowers throughout the entire season. Fine for cutting; will flower the first year if sown early. Sow in boxes to transplant. (Pkt., 10c.)

Agatha Coelestis

(Blue Daisy or Blue Marguerite)

Sky-blue flowers with yellow disc growing 1 foot tall. A half hardy perennial remaining in bloom all year round. Useful for window boxes. Sow the seed in boxes to transplant. (Pkt., 10c.) (1/4 oz., 50c.)

Agrostemma Coronaria

(Rose of Heaven or Mullein Pink)

An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink; has silvery-white foliage; 2 feet. Plant in the Fall or early Spring. Sow the seeds in boxes to transplant or out of doors. (Pkt., 10c.)

Alonsoa (Mask Flower)

WARSCEWICZI—A free-flowering annual plant with bright vermilion scarlet flowers with golden stamens; is a half hardy annual, grows 2 feet tall and thrives best in a sunny situation. Sow the seed in boxes in early Spring and transplant when danger from frost is over. (Pkt., 10c.)

Alyssum (アライスム)

For borders, edgings, and rockwork, we recommend a liberal use of this dainty little flower. In borders, sow thinly so as to form masses, early in Spring, or even the previous Autumn. For Winter border, sow late in August. Cut back after the first flowers fade, and others will come.

MARITIMUM (Sweet Alyssum)—Fragrant white flowers all Summer, Hardy annual. (Pkt., 10c.) (oz., 35c.) (1/4 lb., $1.00).

MARITIMUM LITTLE GEM, or CARPET OF SNOW—Dwarf and a very dense grower, fine for edgings, very floriferous. Hardy annual. (Pkt., 10c.) (1/4 oz., 25c. (oz., 75c.)

LILOAC QUEEN—Flowers light lilac, well suited for bedding or ribbon bordering, the plants being erect and compact. (Pkt., 10c. (1/4 oz., 25c.)

Ageratum (Floss Flower)

A half hardy annual of easy culture, especially adapted for borders and bedding, as it is literally covered with clusters of feathery blossoms all Summer. Sow the seed early in Spring, either in boxes to transplant or out of doors, and thin to 4 or 6 inches apart.

California is the Paradise of Flower lovers. Here with a little judicious selection of the different varieties of the Perennial and Annual flower seeds anyone can have a mass of blooms from earliest Spring until late in the Fall.

Culture Directions are given on the back of each packet. A general rule is to cover the seed to a depth of about four times the diameter of the seed.

Abronia Grandiflora (Sand Ve. bena)

A hardy annual trailing plant with numerous clusters of sweet-scented rosy-lilac flowers. Thrives in dry situations and rockeries. Sow the seeds in the Fall or Spring, either in boxes to transplant or out of doors. Peel off the husk before sowing seed. (Pkt., 10c.)

Acroclinium

A pretty annual “Everlasting,” growing about 15 inches high, bearing lovely white or rosy pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlastings. Sow seed from October till June in the open. Double pink, (pkt., 10c.) (1/4 oz., 25c.) (oz., 75c.)

Anchusa (アンチサ)

ITALICA GRANDIFLORA (Dropmore Variety)—One of the best hardy perennials, growing about 5 feet high. The stems are covered all Summer with numerous wide star flowers of intense blue; should be in every hardy border. (Pkt., 15c.) (1/4 oz., 40c.)

CAPEN IS (Cape Forget-Me-Not)—A hardy annual variety growing 2 feet tall, with azure blue flowers. Sow the seed in boxes in the Fall or Early Spring and transplant when well started. (Pkt., 10c.) (1/4 oz., 25c.)

Anagallis (Pimpernel)

GRANDIFLORA BLUE—Lovely dwarf hardy annual plants, 6 inches high. Exceedingly effective as edgings, also useful in rockeries. Sow the seed in the Fall or Spring where it is to remain. (Pkt., 10c.) (1/4 oz., 35c.)

ANTIRRHINUM—See Snapdragon.

AQUILEGIA—See Columbine.

Amaranthus (薔薇の花)

Remarkably handsome foliage and interesting flowers, producing a striking effect in the border as a background or as a center of beds. Seed may be sown in the open border, or in a hotbed; transplant about the first week in April. Produces the most attractive and brilliant foliage upon poor soil. Transplant to 20 inches. Half hardy annual.

CAUDATUS (Love Lies Bleeding)—Long, drooping scarlet flowers. Three feet. (Pkt., 10c.)

CRUENTUS—Tall spikes of red flowers. Three feet. (Pkt., 10c.)

TRICOLOR SPLENDENS (Joseph’s Coat)—Foliage of scarlet crimsons, yellow, and bronze green. Two feet. (Pkt., 10c.)

Ameloposis

VEITCHI (Boston Ivy)—One of the most ornamental of climbing foliage plants, clinging closely without any assistance to a stone wall or wooden surface. In Autumn the leaves assume a reddish copper tint and are very effective. (Pkt., 10c.) (oz., 50c.)
ASTRAGALUS SINICUS
(Chinese Lucky-Clover)—A hardy annual climber, native to
Southern China. With pur-
pink, red, or yellow flowers,
arranged in the umbrella form,
covering the foliage, throughout
the summer. Highly recom-
pended for lawn or borders.
(Pkt. 10c, postpaid).

Asters

Asters are one of the most
popular half hardy Summer and Fall flowering annuals;
excellent for bedding and cutting. Sow the seed in boxes
from February to June and transplant 1 foot apart each way
when danger from frost is over.

SEMPLES or LATE BRANCHING—The plant grows 2 to
3 feet high and about 18 inches in width. The blossoms
are large, full and straight petaled and are borne on long
stems or branches. Comes into flower late in the autumn.
Lavender, Blood Red, Pink or Rose, Purple, White, Light
Blue, Mary Semple (very light pink)—Any of the above,
(pkt., 10c.) (1/4 oz., 50c.). Collection of one packet each
above 7 colors, 60c. Mixture of all colors, 10c., (1/4 oz.,
53c.) (oz., $1.50).

CREGO GIANT—This fine variety grows over 2 feet tall
and is well branched; of free sturdy growth. The fluffy,
glorious flowers are rarely less than 4 inches across and
frequently over 5 inches. Fine for cutting. White, Deli-
cate Pink, Rose, Crimson, Lavender, Purple—Any of the
above, pkt. 10c. Collection of one packet each of above 6
colors, 50c. Mixture of all colors, (pkt., 10c.) (1/4 oz.,
50c.).

GIANT COMET BRANCHING—The finest of all Comet
Asters; of fine branching habit, bearing immense flowers
5 inches across, the petals of which are gracefully twisted
about in a slightly broader than those of the Crego type.
Valueable for cutting or for bedding. White, Rose, Lavender,
Light Blue, Shell Pink, Royal Purple, Dark Blue,
Crimson—Any of the above, pkt. 15c. Collection of
one packet each of the above 8 colors for $1.00. Mixture
of all colors, (pkt., 15c.) (1/4 oz., 75c.).

ROYAL—The largest flowering type of all asters with a
chrysanthemum-like appearance. The plants grow 2 feet
high with strong long stems. White, Pink, Lavender—
Any of the above, pkt., 10c. Mixture of colors, (pkt., 10c.)
(1/4 oz., 60c.).

THE KING—Of strong, sturdy habit, growing 18 to 24
inches high. Flowers are large and double with quilled
petals, making them quite distinct from all others. Shell
Pink, Violet, White, Crimson, Lavender, Rose—Any of the
above, pkt. 10c. Collection of one packet each of the above
6 colors, 50c. Mixture of all colors, (pkt., 10c.) (1/4 oz.,
50c.).

AMERICAN BEAUTY—A comparatively new type of
Aster which comes into bloom early in September and
lasts until late in the Fall. The straight petaled flowers
are large and densely double and borne on long and stout
stems from 18 to 24 inches. Azure Fairy (light blue),
Crimson Beauty, Peach Blossom (delicate pink), Purple
Beauty, Rose Beauty, White Beauty—Any of the above,
pkt., 15c. Collection of one packet each of the above 6
saiors for 75c. Mixture of all colors, (pkt. 15c.) (1/4 oz.,
75c.).

CUPID—Very dwarf and bushy, growing 10 inches high,
with the fine flowers of Semples type; very effective
when planted in a border. Mixt colors. (Pkt. 15c.) (3 pkts,
35c.) postpaid.

Anemone

The flowers came in a
great variety of colors. They
bloom very early in
Spring and make a nice dis-
play when planted in a bed
or border. Sow seed
outdoors from April to June
for next Spring's bloom and
keep shaded until plants
appear.

Mixture of single, semi-double and double flowers.
(Pkt., 15c.) (3 pkt., 40c.).

Arabis Alpina (Rock Cress)

A hardy perennial Alpine trailing plant. Flowers are
pure white and borne on erect spikes and bloom very early.
Useful in sunny rockeries and well-drained borders.
(Pkt. 10c.) (1/4 oz., 25c.).

Arctotis (African Lily Daisy)

A remarkably handsome annual from Africa, forming
branched bushes 2 to 2 1/2 feet in height and breadth; are
pure white on the upper surface, reverse of petals pale lilac.
Sow the seed in the Fall or early Spring, either in boxes to
transplant or outside. (Pkt., 10c.) (1/4 oz., 30c.).

Asparagus

PLUMOSUS—A tender perennial for greenhouses or
potted plant use, with long, fine feathery foliage. Seeds
start slowly and should be soaked in water before sowing.
(Pkt., 10c.) (100 seeds, 75c.).

SRENGERI (Emerald Feather)—An easily grown,
feathery-leaved variety with dropping branches. The best
variety for hanging baskets. (Pkt., 10c.) (100 seeds, 50c.).

Balloon Vine (Love-in-a-Puff)

A rapid-growing evergreen climbing perennial, flowering
freely in large clusters of rose flowers. For covering
arbors, trellises, etc., they have no superior. Pkt. 10c oz.,
60c.

Balsam or Lady's Slipper (Yukiwabana)

A tender annual, with brittle stems and foliage. Grows
about 12 inches high. Plants are profusely covered with
large double wax-like flowers of brilliant colors—some self-
colored, others blotched, spotted, and striped in a wonder-
ful manner. Sow the seed in Spring in boxes to transplant
or out of doors when danger of frost is over. Set the plants
18 inches apart.

DOUBLE WHITE—(Pkt., 10c.).

SALMON KING—Salmon-pink, very double. (Pkt. 10c.),

DOUBLE LAC—(Pkt. 10c.).

DOUBLE PURPLE CARLIT—(Pkt. 10c.).

DOUBLE VIOLET—(Pkt. 10c.).

CAMELLIA FLOWERED MIXED—Resembles a Camellia
in its perfect shape. (Pkt., 10c.) (1/4 oz., 25c.) (oz., 75c.).

ROSE FLOWERED MIXED—Of beautiful colors, flowers
large, double. (Pkt. 10c.) (1/4 oz., 20c.) (oz., 60c.).
Calendula (Cape Marigold)

For effective and persistent blooming in beds and groups, the newer varieties of the common Marigold have no superiors, their beautiful flowers being produced from early Spring until late in the Fall. Sow in the open and thin or transplant to 1 foot apart; sow in January, May and August for a succession of blooms.

JAUNE VIF—Cadmium orange, light eye. (Pkt., 10c.) (oz., 30c.)
LEMON KING—Very large, clear yellow. (Pkt., 10c.) (oz., 40c.)
METEOR—Orange striped primrose. (Pkt., 10c.) (oz., 30c.)
O'ANGE KING—Very large, deep orange. (Pkt., 10c.) (oz., 40c.)
TRIANNON—Lemon yellow, striped orange, dark eye. (Pkt., 10c.) (oz., 30c.)
NANKEEN—Cream flushed lightly with apricot, distinct. (Pkt. 10c.) (oz., 30c.)
MIXED, ALL COLORS—(Pkt., 10c.) (oz., 25c.) (1/4 lb, 75c.).

Calliopsis

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all Summer and excellent for cutting and massing. It is best to sow them where they are to bloom in Spring thinning out to stand 6 inches to 12 inches apart.

Calliopsis (金鶴草)

ATROSANGUINEA—Velvety dark maroon. (Pkt. 10c.) (1/4 oz., 20c.) (oz., 50c.)
BI-COLOR HYBRIDA SEMI PLENA—Semi-double flowers of garnet and yellow. (Pkt., 10c.) (1/4 oz., 20c.)
CRIMSON KING—A fine dwarf sort 9 inches high; color, rich velvety crimson-scarlet. (Pkt., 20c) (1/4 oz., 25c.).
GOLDEN WAVE—The largest flowering variety. Clear yellow with brown centers produced in great abundance. (Pkt., 10c.) (oz., 50c.).
TIGER STAR—Dwarf variety, not over 9 inches high. Flowers a rich reddish-brown tigered with golden-yellow. (Pkt., 10c.) (1/4 oz., 25c.).
DRUMMONDI, MIXED—A gorgeous mixture of golden yellow, brown, maroon and other shades. (Pkt., 10c.) (oz., 30c.)

For perennial sorts see Coreopsis.

Calceolaria

A tender annual, used largely in greenhouses and conservatories. Is not of easy culture, but a very desirable flower. Bears a large profusion of large, pocket-shaped flowers, many of which are beautifully tigered or spotted. There is a great variety of shades and colors in various markings.

COVENT GARDEN STRAIN—Flowers of large size and beautifully marked in a great variety of colors. (Pkt., 5c.).

Brachycome (Swan River Daisy)

Free flowering dwarf growing hardy annuals, covered during the Summer with a profusion of pretty white and blue flowers. Blue shades mixed. (Pkt., 10c.) (1/4 oz., 35c.).

Browallia (Amethyst)

ELATA BLUE—Very free-flowering, half hardy annual, covered with large blue flower. Used both for bedding and cutting; height 18 inches. (Pkt., 10c.) (1/4 oz., 30c.)
SPECIOSA MAJOR Extra large deep blue; does finely outside in the border, but is especially valuable as a pot plant for Winter bloom. (Pkt., 25c.)

Bartonia Aurea (バート＝ヤ)

A California wild flow r producing showy golden-yellow flowers above its ray and downy thistle-like foliage, which is exceedingly brilliant in the sunshine. Sow it where it is to remain, as it does not bear transplanting; annual; 2 feet. Sow in the Fall or Spring. (Pkt., 10c.) (oz., 40c.).

Canary Bird Flower (Tropaeolum Canariense)

A tender, climbing annual of the Nasturtium family, Blossoms have curiously winged petals and are light yellow. Sow the seed in the open ground from March 15th until June. (Pkt., 10c.) (oz., 40c.).

Campanula (鐘草) (Canterbury Bells)

CAMPANUAL MEDIUM (Single Canterbury Bells)
This old-fashioned flower is a favorite with all. St tely, showy, hardy biennial with beautiful large bell-shaped blossoms. Blooms the second year from seed or the first if sown early. Easily grown and preferring rich, moist soil. Height 3 feet.
Candytuft—Annual Sorts  
A half hardy annual, growing about 6 to 18 inches high, according to the variety. The blossoms are borne on various long spikes. Universally cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses sown in Autumn produce flowers early in Spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. All the varieties are hardy and easy to cultivate. Perennial sorts should be started in boxes and transplanted later.

GIANT HYACINTH FLOWERED, or IMPROVED EM-PRESS—Very large heads and long spikes of white flowers. Best sort for cut flowers. Pkt., 10c.; oz., 50c.

CARNIGE Bright carmine rose. Pkt., 10c.; oz., 50c.

CRIMSON or PURPLE—Pkt., 10c.; oz., 40c.

LAVENDER Delicate shade of lilac. Pkt., 10c.; oz., 40c.

ROSE CARDINAL—A new and striking color, deep rosy crimson. Pkt., 10c.; oz., 40c.

CARMINE Bright carmine rose. Pkt., 10c.; oz., 50c.

GIANT MARGUERITE—An improved strain producing great profusion indefinately. Sow the seed in boxes in the Fall or early Spring; when sown in April, flowers from July to August. Pkt., 10c.; oz., 40c.

CENTAUREA SUAVEOLENS—Yellow Sweet Sultan. Pkt., 10c.; oz., 25c.

CENTAUREA AMERICANA—A splendid native annual variety; grows 3 feet high and bears immense thistle-like blooms of rosy lavender color. Pkt., 10c.

CENTAUREA MONTANA—(Perennial Cornflower) Hardy perennial sort, growing 2 feet high, bearing large violet-blue flowers during July and August. Pkt., 10c.

CENTAUREA CANDIDIIA, WHITE LEAVED, or DUSTY MILLER—Grown for its silvery white foliage; used for borders, carpet bedding; 1 foot; perennial. Pkt., 10c.; oz., 65c.

CENTAUREA GYMNOCARPA—Foliage finely cut, of silvery gray color, perennial, 1 1/2 feet. Pkt., 10c.; 1/4 oz., 25c.

DOUBLE MIXED, ALL COLORS—Pkt., 10c.; oz., 50c.

SINGLE MIXED, ALL COLORS—Pkt., 10c.; oz., 30c.

DOUBLE BLUE—Large semi-double blue flowers; plants of vigorous growth. Pkt., 10c.; 1/4 oz., 25c.


DOUBLE ROZY RED—Pkt., 10c.; 1/4 oz., 25c.


PIRIDE OF CASTLE GOULD—Beautiful plants for pot culture or for bedding, of pyramidal compact habit, attaining a height of 2 to 3 feet, with immense fine feathered heads, in wide range of colors. Pkt., 25c.

PRIDE OF CASTLE GOULD—Beautiful plants for pot culture or for bedding, of pyramidal compact habit, attaining a height of 2 to 3 feet, with immense fine feathered heads, in wide range of colors. Pkt., 25c.

CHILDLS or CHINESE WOOLFLOWER—This attractive variety grows 2 to 3 feet high, bearing on long stems brilliant flowers that look like balls of silky wool; very effective in the garden. Crimson and Yellow, each 15c. per pkt.; 1/4 oz., 65c.

CRASTATA GLASGOW PRIZE—A dwarf crimson variety, 6 or 8 inches high, with very wide combs. Valuable for borders and edging. Pkt., 19c.

GIANT EMPRESS—Wide blood-red combs, brown foliage dwarf. Pkt., 10c.
Cheiranthus Allionii
A splendid hardy perennial growing from 9 to 12 inches tall, producing wallflower-like flowers of the most brilliant orange-yellow throughout the Spring and Summer. Will bloom the first season if sown early. Start in boxes to transplant. Pkt., 10c; 1/4 oz., 35c.

Clarkia
A hardy annual of easy culture, growing about 18 inches high and bearing bright rose, white, or purple flowers in great profusion. Seed sown in the Fall will give early blossoms in the Spring. Seed can be sown almost any time.

1. PURPLE PRINCE—Fine double purple. Pkt., 10; 1/4 oz., 35c.
2. QUEEN MARY—New lovely rose carmine, very bright color; double. Pkt., 10c; 1/4 oz., 35c.

Double Mixed—Pkt. 10c.; oz., 50c.; 1/8 oz., 50c.

Cyclamen
A tender, bulbous perennial, used in greenhouses and window gardens. It is easily grown from seed. Sow in the Fall or early Spring. Mixed pkt. 15 seeds 25c; 100 seeds $1.50.

Collinsia Bicolor
A free-flowering and easily grown annual, growing from 1 to 2 feet; flowers violet and white. A California wildflower; prefers shade. Pkt., 10c; oz., 33c.

Coreopsis
A perennial with light, graceful foliage and beautiful golden flowers. Blossoms in midsummer and is one of the best yellow cut flowers. Sow the seed in boxes and transplant to 1 foot apart. Pkt., 10c; 1/4 oz., 25c.

Columbine (Aquilegia)
Charming, hardy perennial plants, growing from 1 to 3 feet high, bearing in countless numbers, through May and June, their exquisite blossoms of clear blue, white, rose, yellow, purple, striped, etc. For planting in permanent borders or naturalizing along the edges of woods or shrubbery, this old-fashioned favorite is one of the best of all hardy plants. Sow the seed in boxes to transplant.

2. MRS. SCOTT ELLIOTT'S STRAIN—This strain is allowed by the Royal Horticultural Society to be the best ever raised. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. Pkt, 25c.; 5 pkts., $1.00.
3. LONG SPURRED HYBRIDS, MIXED—A great variety of colors. Pkt., 10c.; 1/8 oz., 50c.
4. DOUBLE—All colors mixed. Pkt., 10c.; 1/4 oz., 35c.

Cosmos
The plants grow 5 to 6 feet high, and are one mass of feathery green foliage, gemmed with large single flowers of white, pink, or crimson, enlivening the garden long after more tender flowers have succumbed to early frosts. For bouquets and vases this is one of the finest flowers grown. This half hardy annual may be sown from February until June. Sow in boxes to transplant or out of doors if cold weather is over and thin to 12 inches apart.

1. Giant Late or Lady Lenox（夏秋咲）
   - The finest the flowering type, bearing giant flowers with broad and overlapping petals of splendid substance. The plants, 5 to 6 feet high, are of symmetrical pyramidal form.
   - GIANT PINK—Bright pink. Pkt., 10c.; 1/4 oz., 20c.
   - GIANT WHITE—Pure white. Pkt., 10c.; 1/4 oz., 20c.
   - GIANT CRIMSON—Brilliant crimson. Pkt., 10c.; 1/4 oz., 20c.
   - GIANT MIXED—Contains an even proportion of the above colors. Pkt., 10c.; oz., 50c.
**Dolichos (Hyacinth Bean)**

A hardy annual climber, native Japan. The two varieties of Dolichos are by far the most showy and useful for any gardener. They are of remarkably strong and sturdy growth, quickly growing to a height of 8 to 10 feet. The broad leaves afford good shade and make a fine screen to the porch or garden house.

Plant the seed after the weather has become quite warm and when the maple are out in full leaf. The plants produce a wealth of flowers during September and October. The Seed may also be started indoors during early April and set out in the open late in May.

**DARKNESS**—The color of the stems and leaves of Darkness is a purplish red. It mixes well with other climbers and produces a good variety. The numerous long spikes of pea-like flowers are deep reddish maroon, not unlike Wisteria. The blooms are followed by beautiful metallic purple seed-pods. Sow the seed one inch deep when the maples are in leaf. Space or thin to stand 8 inches apart. (Pkt. 10c.), (Oz. 25c.), (4 Ozs. 50c.) postpaid.

**DAYLIGHT**—A climber of rapid growth that always attracts attention. The vines grow quickly to a height of 8 to 10 feet and bloom profusely from base to summit. The large pure white flower-spikes stand out boldly from the rich green foliage. As the flowers drop they are succeeded by broad white rods which remain fresh for a long time and add to the appearance. (Pkt. 10c.), (Oz. 25c.), (4 Ozs. 50c.) postpaid.

**Dianthus**

**Dianthus Plumarius**

(Clove Pinks)

Hardy perennial, low-growing pinks, extensively used for borders and edging. Free flowering and fragrant.

**CYCLOPS**—Large single and semi-double fringed flowers in various rose and red shades with clove-like fragrance; produced in great abundance. Pkt., 10c.; 1/4 oz., 50c.

**GRASS PINK, SCOTCH or PIE EASANT’S EYE PINK**

-A beautiful single hardy Pink, with fringed-edged white flowers with a crimson center. Pkt., 10c.; 1/4 oz., 35c.

**DOUBLE CLOVE PINKS**—Double and semi-double varieties in beautiful colors. Mixed. Pkt., 15c.; 1/4 oz., 60c.

**DOUBLE WHITE CLOVE PINKS**—Very fragrant. Pkt., 15c.

**ALLWOODI**—See Specialty page 30.

**Dianthus, or Pinks**

Hardy annuals, about 1 foot high, and bearing beautifully colored, single and double blossoms in profusion all Summer. Sow seed from February to May in boxes and transplant, or sow in rows where the plants are to remain, and thin.

**HEDEWIGI, FL. PL.** (Japan Pink)—Large double flowers, fine color; mixed. Pkt., 10c.; 1/4 oz., 30c.

**CHINENSIS (Indian Pink)**—Finest double mixed. Pkt., 10c.; 1/4 oz., 25c.


**ATROPURPUREUS ALBO MARGINATUS, FL. PL.**

(Mourning Cloak)—Double deep blackish crimson, with white edge. Pkt., 10c.; 1/4 oz., 35c.

**FIREBALL**—Double rich scarlet; compact. Pkt., 10c.; 1/4 oz., 50c.

**SNOWBALL**—Double fringed white. Pkt., 10c.; 1/4 oz., 50c.

**SALMON KING**—Double brilliant salmon-rose. Pkt., 10c.; 1/4 oz., 50c.

**Diascia Barberae**

(Blue Lace Flower)

A very attractive little plant, blooming freely in Summer. The flowers have two short spurs and are a beautiful salmon pink. It is a fine rock plant and also makes a good pot plant for indoor use; hardy perennial. Pkt., 15c.

**Didiscus Coerules (African Golden Orange Daisy)**

This annual should be grown extensively for cutting purposes. The plants grow 18 to 24 inches high, flowers are light blue in flat clusters 2 to 3 inches across and are borne on long stout stems. Pkt., 15c.; 1/4 oz., 40c.

**Dimorphotheca Aurantiaca**

(The African Golden Orange Daisy)

This half hardy annual of neat branching habit grows 12 to 15 inches high, and is exceedingly profuse in flowering. The marguerite-like blossoms are a rich, glossy, orange-gold and measure 2 1/2 inches in diameter. Sow in boxes to transplant from February to May.

**AURANTIACA—Orange. Pkt., 10c.; 1/4 oz., 40c.**

**AURANTIACA HYBRIDS—Various shades of white, yellow, orange and salmon. Pkt., 10c.; 1/4 oz., 50c.**

**Eschscholtzia (California Poppy)**

Flowers light blue in flat clusters 2 to 3 inches across and are borne on long stout stems. Pkt., 15c.; 1/4 oz., 40c.

**Eschscholtzias**

**CALIFORNICA "SELECTED"**—A selected type of the common variety, being a deep, rich orange. Pkt., 10c. oz., 30c; lb., $2.75.

**CRIMSON**—Deep crimson Pkt., 10c.; 1/4 oz., 25c.; 1/2 oz., 75c.

**CHROME QUEEN**—Clear chrome yellow. Pkt., 10c.; oz., 50c.

**GEIS**—Petals prettily fluted, color inside of petals brilliant golden and outside intense orange. Pkt., 10c. oz., 50c.

**ROSY QUEEN**—Rosy pink. Pkt., 10c.; oz., 60c.

**SCARLET BEAUTY**—Vivid scarlet, plants are bushy and of erect habit; new and very fine. Pkt., 10c.; 1/4 oz., 50c.


**WHITE**—Ivory white. Pkt., 10c.; oz., 40c.

**MIXED COLORS**—Pkt., 10c.; oz., 30c; lb., $3.00.
Dahlia タリヤ
One of the best late Summer and Autumn flowering plants, and now enjoying a wide popularity; the double and cactus sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as May, although an earlier start is better. Dahlia Bulbs see page 56.

**DOUBLE CACTUS**—Mixture from named sorts. Pkt., 15c.
**DECORATIVE DOUBLE MIXED**—Pkt. 15c.
**PACPAN FLOWERED MIXED**—Pkt., 15c.
**SINGLE COLORED MIXED**—Pkt., 15c.

**EXTRA DOUBLE WHITE**—Mixture. Pkt., 15c; oz., 35c; lb., 75c.
**DOUBLE ROSE**—A soft pink color with bright carmine centers. Pkt., 15c; oz., 35c; lb., 75c.
**DOUBLE CRIMSON**—An intense crimson shade. Pkt., 15c; oz., 35c; lb., 75c.
**DOUBLE CARMINE**—Bright carmine flowers, edged more or less with white. Pkt., 10c; 1/4 oz., 25c.

**Longfellow**—Double flowered varieties.

**GIANT MIXED**—Pkt., 15c.
**DOUBLE MAUVE**—An attractive shade of clear pinkish blue. Pkt., 15c; oz., 35c; lb., 75c.
**PINK**—Pkt., 10c; 1/4 oz., 40c.

**Blue Perfection**—Beautiful dwarf indigo-blue, very compact. Pkt., 15c; 1/4 oz., 75c.

**Gaillardia** 蛇目草
A very showy garden plant, with brilliant flowers in scarlet and yellow, blendid and shaded. Blooms freely from early Summer till Autumn. Grows 1 1/2 to 2 feet high, and the blossoms are borne on long, slender stems. Both single and double varieties are hardy. Sow seed in boxes to transplant.

**FINE SINGLE MIXED, ANNUAL**—Pkt., 10c; 1/4 oz., 25c.
**DOUBLE MIXED, ANNUAL (Picta Lorenziana)**—Pkt., 10c; 1/4 oz., 25c.

**Gaura Lindheimeri**
A half hardy perennial bearing rosy-white flowers on slender spikes 3 to 4 feet tall. Will bloom first year if started indoors in January and February. Pkt., 10c.

**Geranium**
A half hardy perennial, flowering the first year from seed sown early.

**FANCY SHOW PELARGONIUM, or LADY WASHINGTON**—One of the most beautiful flowers we have; in rich, soft colors with beautiful markings. Fancy mixed. Pkt., 25c.

**Forget-Me-Not (Myosotis)** 忘却草
A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters. The plant is of easy cultur and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

**ALPESTRIS**—Blue. Pkt., 10c; 1/4 oz., 35c; oz., $1.00.
**INDIGO or ROYAL BLUE**—A rich dark indigo blue color. Pkt., 10c; 1/4 oz., 40c.
**WHITE**—Pkt., 10c; 1/4 oz., 40c.
**PINK**—Pkt., 10c; 1/4 oz., 40c.

**Four O’Clock or Marvel of Penn**
A hardy annual, about 2 feet high. Of the easiest culture. Seed should be sown from February to May in the open and thinned to 1 foot. is free-flowering, the blossoms come in great variety of colors and stripes. Mixture of all Colors. Pkt., 10c; oz., 25c.

**Four O’Clock** 雀の子
A hardy annual, growing 6 to 12 inches high. Small star-like flowers are borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

**Blue Perfection**—Beautiful dwarf indigo-blue, very compact. Pkt., 15c; 1/4 oz., 75c.

**Foxglove** (Digitalis) チキタス
Handsome hardy perennial plant of stately growth and long spikes of finely colored flowers; fine for shrubbery and half shady places: brilliant colors. Sow the seed in boxes to transplant or in the open in a cool place.

**Collection of one packet each of the above 5 sorts, 45c.**

**Forget-Me-Not (Myosotis)** 忘却草
A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

**ALPESTRIS**—Blue. Pkt., 10c; 1/4 oz., 35c; oz., $1.00.
**INDIGO or ROYAL BLUE**—A rich dark indigo blue color. Pkt., 10c; 1/4 oz., 40c.
**WHITE**—Pkt., 10c; 1/4 oz., 40c.
**PINK**—Pkt., 10c; 1/4 oz., 40c.

**Forget-Me-Not (Myosotis)** 忘却草
A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

**ALPESTRIS**—Blue. Pkt., 10c; 1/4 oz., 35c; oz., $1.00.
**INDIGO or ROYAL BLUE**—A rich dark indigo blue color. Pkt., 10c; 1/4 oz., 40c.
**WHITE**—Pkt., 10c; 1/4 oz., 40c.
**PINK**—Pkt., 10c; 1/4 oz., 40c.

**Forod Me-Not (Myosotis)** 忘却草
A hardy perennial, growing 6 to 12 inches high. Small star-like flowers are borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

**ALPESTRIS**—Blue. Pkt., 10c; 1/4 oz., 35c; oz., $1.00.
**INDIGO or ROYAL BLUE**—A rich dark indigo blue color. Pkt., 10c; 1/4 oz., 40c.
**WHITE**—Pkt., 10c; 1/4 oz., 40c.
**PINK**—Pkt., 10c; 1/4 oz., 40c.
A half hardy annual, growing 3 to 4 feet high, beginning to flower early in the season and continuing the entire season. The flowers are deep golden-yellow about 2 inches in diameter; of thick texture and very graceful for cutting. Pkt., 10c.

SILVER BALL—Pure White. Pkt., 10c; 1/4 oz., 30c.

PANICULATA—Fine for bouquets; white flowers; perennial. Pkt., 10c; 1/4 oz., 25c.

HESPERIS---See Sweet Rocket.

A hardy annual of easy culture. Grows to 2 to 3 feet high, and bears a profusion of small star-shaped white flowers. Sow the seed in the open in the Fall or in Spring.

Gypsophila (Baby’s Breath) (チソヒラ)

A half hardy perennial, growing 4 to 5 feet high, and requiring a roomy situation. Can also be grown against a wall aid made to assume the character of a climber. Sow the seeds from February to May in a box and transplant.

Heliopsis Pitcheriana (Orange Sunflower)

A free-flowering, hardy annual, growing 2 to 3 feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. The stems are long and the blossoms large. It is the best and most satisfactory of the everlasting flowers, and makes a very handsome dried bouquet. Sow the seed in Spring in the open and thin out to at least 1 foot apart.

Globe Amaranth (千日紅)

Amaranth (アマランサス)

A half hardy perennial, growing 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence. They flower in Summer and Fall. The seed we offer has been saved from Chater’s unrivaled collection of choice improved double varieties.

Hollyhock (花あぼい)

A hardy perennial of upright, stately growth, 5 to 8 feet high. The very double varieties are the most desirable, but the newer, semi-double fringed types are also very popular. Hollyhocks make a fine row in a garden, or a fine background next to a building or high wall or fence. They flower in Summer and Fall. The seed we offer has been saved from Chater’s unrivaled collection of choice improved double varieties.

Collection of the above 6 sorts, 50c.

Hoplitorpe (デルフィーノ)

A half hardy annual, growing 4 to 8 feet high. Small flowers; borse in graceful clusters and very fragrant. Blooms the first season from seed if sown early. Forms a large plant and requires a roomy situation. Can also be grown against a wall and made to assume the character of a climber. Sow the seeds from February to May in a box and transplant.

Hibiscus Mutabilis (Chinese Hibiscus) (千日紅)

When space admits, this splendidly showy plant should be largely grown. Perfectly hardy, with large cup shaped flowers in truly gorgeous colors, and blooming freely throughout the summer. Splendid for shrubbery or mixed borders. Hardy perennial, 5 feet. (Pkt., 10c, postpaid.)
Iris Kaempferi (花菖蒲)

The last of the Iris Species to bloom and the most beautiful. Their remarkable flower are generally rather flat and wide, often measuring 6 to 8 inches across, and of inches-crimson shades, the prevailing colors being white, crin, rose, lilac, lavender, violet and blue. Each flower usually contains several shades, while a golden yellow blotch surrounded by a hole of blue or violet at base of petals intensifies the coloring. Perfectly hardy, blooming in June and July. Japanese Iris are entirely hardy and are grown extensively for their truly glorious flowers, which are of refined form and remarkable coloring. The Japanese Iris thrive best in cool moist situations and for that reason are used extensively for planting alongside of ponds and streams. They bloom profusely all during June and July. They are easily grown but develop to perfection if planted in rich soil where the plants will not suffer from want of moisture. (Pkt. 15c.) (3 pks 40c.) (Oz. $1.50; postpaid. Imported Seed.

Kochia Childsi (コチヤ) (Summer Cypress)

A pretty half hardy annual, forming compact bushes about 2 1/2 feet in height, with small feathery light green drooping foliage, which changes, as the Summer advances, to a deep green, and to a crimson hue in September. Sow the seed in the Spring and transplant 3 feet apart when well started. Pkt., 10c.; oz, 40c. Postpaid.

Jacobea

Free flowering annuals producing fine heads of double flowers; 1 1/3 feet tall. Double mixed. Pkt., 10c. Postpaid.

Kudzu Vine (葛) (Pueraria thunbergiana)

This is the most rapid growing vine known (12 inches in one day). The root has a tuberous bulb which produce a fine starch. Also this dry root largely used by the herb doctors and people in China and Japan as a the home care for the cold and other indispositions. The plant is perfectly hardy everywhere, and in spring sends up vigorous shoots which will quickly shade the entire plazafront. It will grow 50 feet in the first summer from seed sown in the open ground in May. The foliage is very luxuriant and the rose colored fragrant flower will produce in large clusters for covering porches, arbors, fences, stumps, dead-trees etc. with luxuriant curtain of foliage in the shortest possible time. There is no climber that can be equaled. (Pkt. 10c.) (3 pks., 25c.) (Oz. 50c.) (postpaid). Imported Seed.

Larkspur or Delphinium (蓝銀デルフィニウム)

Hardy Perennial Varieties

These are taller than the annual sorts with large spikes of brilliant flowers. They are indispensable for permanent bad sand borders. Sow the seed in boxes or in a hotbed in the Fall or early Spring. They will commence blossoming in July and August.

LITE-BLUE SHADES - pkt., 20c., 3 pks. 50c. postpaid.
DEEP BLUE SHADES - Pkt., 20c., 3 pks. 50c. postpaid.
PASTEL SHADES - Pkt., 20c., 3 pks. 50c. postpaid.

Collection of one packet each of the above 3 especially selected strains of large Delphiniums for 50c. postpaid.
Larkspur or Delphinium 千鳥草

Hardy Annual Varieties

Exceedingly popular and free flowering hardy annuals, growing 1 1/2 to 3 feet high, their long spikes of flowers on long stems rendering them of exceptional value for cutting purposes. They are of long; continued bloom and very and showy. Sow in the Fall or Spring.

DOUBLE STOCK FLOWERED—A very striking tall variety with splendid spikes of beautiful double flowers; height, 2 1/2 to 3 feet.

BRIGHT ROSE—Mauve-rose. Pkt., 10c; 1/4 oz., 30c. postpaid.

DARK BLUE—Pkt., 10c; 1/4 oz., 30c. postpaid.

PURE White—Pkt., 10c; 1/4 oz., 30c. postpaid.

LUSTROUS CARMINE or NEWPORT PINK—Pkt., 10c; oz., 75c. postpaid.

AZURE BLUE—Pkt., 10c; 1/4 oz., 30c. postpaid.

MIXTURE OF ALL COLORS—Pkt., 10c; 1/4 oz., 25c; oz., 50c. postpaid.

Lathyrus Latifolius (Perennial or Everlasting Pea)

A hardy perennial climber flowering the first year if seed is sown in the Fall. Leaves and stem smooth. Flowers resemble sweet peas, but are borne on strong stems, with 8 to 10 blossoms to the stem. Is not fragrant, but is hardy and showy, and thrives in any good soil. Mixcd, pkt., 10c; white Pearl, pkt., 15c; Crimson, pkt., 10c; Pink Beauty, pkt., 10c. postpaid.

Lavatera (Mallow)

ASSURGENTIFLORA (TREE MALLOW)—A hardy perennial growing about 10 feet high and covered with rosy-crimson cup-shaped flowers. Much used for hedges or windbreaks about San Francisco. Sow in May or June out of doors.

MIXTURE OF ALL COLORS—Pkt., 10c; 1/4 oz., 25c; oz., 50c. postpaid.

Leptosyne Stillmani

Rich golden yellow flowers resembling Marguerites, borne on long stems and good for cutting; 2 feet tall. Blooms in about six weeks from seed. Pkt., 10c. postpaid.

Linaria Maroccana

Showy hardy annuals with small snapdragon shaped flowers. Grow 9 inches tall; desirable for edgings and rockeries. Sow from February to May in boxes transplant or in the open. Finest Hybrids Mixed, pkt., 10c. postpaid.

Linum or Scarlet Flax

A hardy annual, about 1 1/2 feet high. Of slender and graceful appearance, with smooth stems and bright red flowers, which are borne in great profusion. Sow from February to June out of doors.

RUBBURN SCARLET FLAX—Pkt., 10c; oz., 30c. postpaid.

PERENNE—Bright blue, 18 inches tall; perennial. Pkt., 10c; 1/4 oz., 25c. postpaid.

Lupinus or Lupins ルーピン

Hardy annuals and perennials in great variety, growing from 1 to 3 feet high, and bearing spikes of pea-shaped flowers. Oft the easiest culture. Sow in the open ground and thin to 6 inches apart. Prices postpaid.

Annual Sorts—Two Feet

WHITE—Pkt., 10c; oz., 30c; DARK BLUE—Pkt., 10c; oz., 30c.

SKY BLUE—Pkt., 10c; oz., 30c. ROSE—Pkt., 10c; oz., 40c.

ANNUAL SORTS—Mixed. Pkt., 10c; oz., 25c; 1/4 oz., 75c.

NANUS—A well known California wild flower; showy plant growing 10 to 15 inches high; flowers rich blue with white markings. Pkt., 10c; oz., 35c; lb., $3.25.

SULPHUREUS SUPERBUS—Bright yellow, 3 feet. Pkt., 10c; oz., 40c. postpaid.

Perennial Sorts—Four Feet

POLYPHYLLUS WHITE—Pkt., 10c; 1/4 oz., 20c.

POLYPHYLLUS BLUE—Pkt., 10c; 1/4 oz., 20c.

POLYPHYLLUS ROSE—Pkt., 10c; 1/4 oz., 50c.

POLYPHYLLUS MIXED—Tall, perennial, variety in various colors. Pkt., 10c; oz., 35c. postpaid.

Lycium

Hardy perennial growing about 3 feet high and bearing bright-colored flowers in clusters. Of easy culture. Fine for permanent beds and borders. Sow the seed in boxes or in a hotbed to transplants.

ARKWRIGHTI—This new hybrid attains a height of 30 inches and produces an abundance of large flowers of brilliant colors, varying from orange-scarlet to soft salmon-pink. Pkt., 25c. postpaid.

CHALCEDONICA—Scarlet flowers. Pkt., 10c; 1/4 oz., 30c. postpaid.


Lavender (Lavandula Vera)

Chiefly cultivated for the delicious and lasting fragrance of its flower; succeeds in any common garden soil. Perennial. Pkt., 10c; 1/4 oz., 25c. postpaid.

Marigold マリゴールド

A hardy annual shrubbery plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and dwarf varieties for borders. Sow in boxes to transplant from February to May. postpaid.

Dwarf French Varieties

LEGEN OF HONOR—Single golden-yellow flowers with velvety red enters; very dwarf. Pkt., 10c; 1/4 oz., 25c.

DWARF DOUBLE MIXED—Pkt., 10c; 1/4 oz., 25c; oz., 75c.

DWARF DOUBLE GOLD STRIPED—Pkt., 10c; 1/4 oz., 3c.

DWARF BROWN—Pkt., 10c; 1/4 oz., 3c.

DWARF GOLDEN BALL—Pkt., 10c; 1/4 oz., 30c.

Tall French Varieties くちやこ草

TALL DOUBLE BROWN—Pkt., 10c; 1/4 oz., 30c.

TALL DOUBLE ORANGE PRINCE — EXTRA SELECT—Pkt., 10c; 1/4 oz., 50c.

TALL DOUBLE FRENCH MIXED—Pkt., 10c; 1/4 oz., 25c; oz., 75c.

TALL SINGLE BROWN—An excellent cut flower. Pkt., 10c; 1/4 oz., 30c.

African Varieties

TALL DOUBLE ORANGE PRINCE “EXTRA SELECT”—Pkt., 15c; 1/4 oz., 50c.

TALL DOUBLE LEMON PRINCE “EXTRA SELECT”—Pkt., 15c; 1/4 oz., 50c.

TALL DOUBLE AFRICAN MIXED—Pkt., 10c; 1/4 oz., 23c; oz., 75c.

DWARF BROWN—Pkt., 10c; 1/4 oz., 30c.

DWARF GOLDEN BALL—Pkt., 10c; 1/4 oz., 30c.

Tall French Varieties くちやこ草

TALL DOUBLE BROWN—Pkt., 10c; 1/4 oz., 30c.

TALL DOUBLE ORANGE PRINCE — EXTRA SELECT—Pkt., 10c; 1/4 oz., 50c.

TALL DOUBLE AFRICAN MIXED—Pkt., 10c; oz., 75c.

DWARF BROWN—Pkt., 10c; 1/4 oz., 30c.

DWARF GOLDEN BALL—Pkt., 10c; 1/4 oz., 30c.

Maurandia Barciayana

Beautiful climber for either garden or greenhouse; gemmed with Gloxinia-shaped flowers of rich rose. The plants from seed sown in Spring will begin flowering by July and continue until frost. Pkt., 10c. postpaid.
Moon Flower, Ipomoea Gradiflora

(New Giant Oriental Evening Glory—Of all climbers for garden and green house, these are the quickest and most luxuriant in growth. This variety grow so easily from annual sowings that it is no longer necessary to winter over root or young cutting plant under glass. The seeds should be soaked one night in hot water before planting. For early flowers sow in hot beds or pot and boxes under glass and transplant to rich deep soil in summer quarters as soon as danger frost is over. When sowing may also be made in the open ground. Nothing finer for porches trellises. White seeded, the vines bear thousands of immense snowy white flowers, many measuring 5 to 6 inches across. Very numerous. (Pkt. 10c.; Oz. 50c.; postpaid.

Morning Glory 日本大輪朝顔

(Giant Japanese Imperial)
The robust vines attain height of 10 to 20 feet. The foliage is luxuriant, distinct and varied; green, silvery, and yellow leaves many are mottled, light and dark green, white and gray. But the surpassing charm of this "Giant Japanese Morning Glory" in the entrancing beauty and large size of the flowers; they measure from 4 to 5 inches across. The color of the flowers, shading and markings are limitless. Some flowers are of deep rich velvety colors others daintily tinted and shaded. There are red from soft rose to crimson and garnet; daintiest blue to purple; snowy white to silvery gray. Some are stripped, blotched and spotted, others have magnificent edges and throats. Sow seeds in open ground in April and should be soaked in warm water for 24 hours before planting.

Tall single Giant mixed, Pkt. 10c.; Oz. 50c.; postpaid. Tall Double mixed, Pkt. 25c.; Oz. $1.50 postpaid. Dwarf fine mixed, Pkt. 15c.; Oz. 75c. postpaid.

Mignonette (Reseda) 木犀草

A hardy annual, growing 6 to 12 inches high and bearing pyramid-shaped flower spikes made up of thickly set flowers which are exceedingly fragrant. Grows easily from seed and can be transplanted from boxes or sown out in the garden and thinned to 4 or 6 inches. Sow in the Fall for early blossoms in the Spring. Sowings made in April and again in July will keep up a succession of bloom from early Summer till frost; can also be grown in pots for Winter and early Spring flowering. Prices postpaid.

ALLEN'S DEFIANCE—When grown under favorable conditions, spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Pkt., 10c.; 1/4 oz., 25c.

GIANT FLOWERED MACHET—Broad heavy spikes closely set with large florets of a gray color, deliciously scented. Pkt., 10c.; 1/4 oz., 25c. postpaid.

Mimosa Pudica おじぎ草

(Sensitive Plant)
Curious half hardy annuals with pinkish white flowers; the leaves close or droop when touched. Sow from February to May in a box and transplant when well started. Pkt., 10c.

Mixed Nemesia ネメシア

This free-blooming annual grows about 12 inches. The flowers of this improved strain resemble Calceolarias and come in all shades of purple, pale yellow, white, red, orange, pink and rose, spotted and blotched, making a splendid effect when planted in a bed or border. They are also used as a pot plant. Sow from February to May in boxes and transplant when well started. Prices postpaid.

STRUMOSA ORANGE—Pkt., 20c; 1/8 oz., $1.00.

STRUMOSA ROSE—Pkt., 20c; 1/8 oz., $1.00.

STRUMOSA SCARLET—Pkt., 20c; 1/8 oz., $1.00.

TRIUMPH MIXED—Compact form. Pkt., 15c; 1/8 oz., 75c. postpaid.

Nasturtiums 金蓮花

The foliage of nasturtiums is pretty and the flowers very beautiful and contained in a great number of brightest colors and tints. Sow the seed where it is to remain late in the Spring after danger of frost is over.

It is seldom necessary to thin the young plants, as they will bear standing close together.

Nasturtiums prefer dry, rather rocky soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves. This adds to their value for planting over many unsightly places.
Nasturtium Dwarf Varieties

The plants form a small round bush 12 to 16 inches high, which is a mass of bloom all Summer. Do not water too much. Best sow on rich ground for abundance of bloom.

CHAMELEON—Every shade of color, continually changing from day to day. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c. Postpaid.

CRIMSON—Pkt., 10c.; oz., 20c.; 1/4 lb., 60c. Postpaid.


EMpress or PINK—Pkt., 10c.; oz., 20c.; 1/4 lb., 60c. Postpaid.


PEARL—Swelling at the base; white flower-blue blossoms. Pkt., 10c.; oz., 35c. Postpaid.


ROSE—Pkt., 10c.; oz., 20c.; 1/4 lb., 60c. Postpaid.

SALMON—Pink and white. Pkt., 10c.; oz., 35c. Postpaid.

SANDERAE—Rosy carnage flowers. Pkt., 10c. postpaid.

Nigella or Love-in-a-Mist (Nigella)

A hardy annual, 1 foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seedpods. Of easy culture.

MISS JEKYLL—A long-stemmed sort with beautiful cornflower-blue blossoms. Pkt., 10c.; oz., 50c. postpaid.

MIXED COLORS—Pkt., 10c.; oz., 30c. postpaid.

Gentiana (Evening Primrose)

LAMARCKIANA—A hardy perennial variety growing wild in California. The flowers are yellow and 3 to 4 inches in diameter; grows 3 feet tall and succeeds best in a sunny location. Pkt., 10c. postpaid.

ROSEA MEXICANA—An attractive dwarf annual variety, producing numerous bright rose colored flowers. Height 6 inches. Pkt., 15c.

Ornamental's Qulity Pansies

Pansies thrive best in a partially shaded location and in a loose soil, well enriched with decayed manure, which should be well dug into the soil. Seed should be sown in the Fall for early Spring blooming and early in the year until May for good flowers later in the Spring and Summer. The seed should be sown in boxes, covering them not more than four times their diameter and firming the soil well above them. Do not allow the seed to dry out. The plants must be transplanted twice in order to get the largest flowers; once from the seed box to a sheltered bed and again to the open ground. For best results, you must start a good strain. The finest pansies are, as a rule, shy seeders, which accounts for the difference in price of the various mixtures offered.

Pansies (パンジー)

Giant Flowered Pansies (In Separate Colors)

GIANT ADONIS—Light blue.
GIANT BLACK.
GIANT BRONZE—Bronze shades.
GIANT CARDINAL. Brilliant red.
GIANT EMPEROR WILLIAM—Dark navy blue.
GIANT FIRE KING—Golden yellow, upper petals crimson.
GIANT GOLDEN QUEEN—Pure golden yellow.
GIANT LORd BEACONSFIELD—Lavender, heliotrope and purple.
GIANT PRINCE HENRY—Rich dark blue.
GIANT SNOWFLAKE—Pure white.
GIANT VICTORIA—Wine red.
GIANT YELLOW KING—Golden yellow with dark eye.

Pansies in Mixtures (英園球大陸)

BUGNET MIXED—A ruffled and five-petaled type, with soft, blended colors and tints, veined on the margins and with a dark blotch at the base of each petal. Pkt. 25c.; 3 pkts. 60c. postpaid.

CASSIER'S GIANT MIXED—A splendid mixture of various shades and markings. The blossoms are round and are blotched at the base of the petals. Pkt. 25c.; 3 pkts. 60c. postpaid.

GIANT MASTERPIECE—These pansies have a combination of rich velvety colors and attractive ruffled petals. Pkt. 25c.; 3 pkts. 60c.

GIANT PARISIAN, MIXED—A large flowering type of Trimmeraco pansies, the top petals are larger than the three lower ones and are beautifully marked; very sweet-scented. Pkt., 15c.; 3 pkts. 40c.

BEDDING, MIXED—A very good mixture of the smaller-flowering sorts. Pkt., 10c.; 3 pkts. 25c. postpaid.
Paeonia Albiflora （芍药）
(Japanese Perennial Peony)

One of the most remarkable flowers from Japan. This peony comes into bloom at the time of the year which makes it an extremely desirable flower for use in connection with Memorial Day. The handsome flowers are measure from 4 to 6 inches in single, double or semidouble with a beautiful centers. Sow seed in spring and usually are very slow germination which will take about 4, 5 months to come out so plant seed in pot, covering one inch with loamy soil and keep the whole pot in warm sunny earth. With ordinary care the plants will bear their massive, fully colored flowers in great profusion year to year. (Pkt. 15c; Oz. 75c; 4 Ozs. $2.50; postpaid). Imported Seed.

Paeonia Moutan （牡丹） （Tree Peony）

These immense beautiful and well known flowers from another source of Japanese pride, and are too well known to require description. Their present popularity is due to the great improvement in them in recent years their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of these massive, finely formed and rich colored flowers. The attention given to them in this country and Europe has resulted in the production of many notably fine new varieties which rank about first for lawns or flowers borders or shrubby decoration. Sow Seed outdoors in well pulverized, rich and covering about one inch. Very slow germinate as will take 3, 4 months seedings come out. With ordinary care, will bloom in third year. (Pkt. 25c) (5 Pkts $1.00); postpaid. Imported Seed.

Petunia （ペチュニア）

No flower surpasses the Petunia for massing in beds. Their richness of color, duration of bloom, and easy culture will always render them popular. They do well sown in open border in spring, or earlier in the cold frame or hotbed and transplanted 18 inches apart. By the latter process they will come into bloom much earlier. Be careful not to cover the small seeds too deeply. It is well known that seeds of double varieties do not all produce double flowers, generally about 25 per cent. Save the weaker seedlings, as they usually give the finest double flowers.

Single Bedding Sorts （単瓣）


SNOWBALL—Compact growing variety; flowers pure white. Pkt., 10c; 3 Pkts., 25c. Postpaid.


LARGE-FLOWERED FINEST MIXED—Flowers of very choice colors, large size and free blooming. Pkt., 10c; 1/4 oz., 75c; oz., $2.50. Postpaid.

GOOD MIXED—Pkt., 10c; 1/4 oz., 40c; oz., $1.25. Postpaid.

Giant Sorts （大輪八重咲）

RUFFLED GIANTS OF CALIFORNIA—Most of the flowers are exquisitely fringed on the edges and are very large; the colors are rich and gorgeous, and of delicate shades; some have charming deep throats of yellow, white, black, green or maroon; the flowers are of great substance and very deep throated. Pkt., 25c.

GIANT FRINGED PINK—Deep rose pink. Pkt., 35c; 3 Pkts., 90c.

GIANT DOUBLE FRINGED—This strain produces 25 per cent of very large double flowers in all colors, the light shades predominating. Pkt., 50c; 3 Pkts., $1.30. Postpaid.

Balcony Petunias （ベチュニアの観）

A splendid free-flowering type either for bedding or window boxes; flowers average 3 inches across.

BALCONY ROSE—Balcony Dark Red.

BALCONY VIOLET BLUE—Balcony White.

Any of the above 20c per pkt. Collection of a packet of each color for 65c. Postpaid.
**CHINESE LANTERN**

A highly ornamental plant from China, growing to two feet tall and forming a shapely bush. It produces small white blossoms followed later by large cherry-like fruits enclosed in a husk about two inches in diameter and shaped somewhat like Chinese Lanterns. In late Summer this turns to a bright orange scarlet color, making a most decorative plant. Just before frost the stems may be cut and taken indoors where the red lanterns will make a bright and novel decoration throughout the winter. Sow seed in spring as early as ground is warm and dry, using light rich soil and giving plenty of moisture.

Or sow seed indoors early in spring and transplant to open bed when weather is warm and settled. (Pkt. 10c; 1/4 Oz. 55c; Oz. $1.75; postpaid).

**PORTULACA**

A creeping annual with thick stems and foliage; bearing brilliant colored cup-shaped flowers during the entire summer. This plant is suitable for rockeries and banks and will grow and bloom profusely in a dry, hot situation. In sowing mix the seed with dry sand to insure an even distribution. Sow in late spring when the ground is thoroughly warmed up.

**GOLDEN YELLOW, WHITE, SCARLET**—Any of the above. Pkt., 10c; 3 pkts. 25c. Postpaid.

**SINGLE MIXED**—A large variety of the most brilliant colors. Pkt., 10c; 3 pkts. 25c postpaid.

**DOUBLE MIXED**—The most brilliant shades and choice flower. Pkt., 10c; 3 pkts., 25c. Postpaid.

**PHYSOSTEGIA (False Dragon Head)**

**VIRGINICA**—A very pretty, hardy perennial forming a dense bush 2 feet high and bearing freely during the Summer, leafless spikes of rosy-lilac tubular flowers. Pkt., 10c.

**VIRGINICA ALBA**—Large white flowers, much esteemed for cutting. Pkt., 10c.

**PENTSTEMON**

One of our best flowers for the hardy perennial border; grows 2 feet high; flowers the first season from seed, and blossoms freely. Pentstemon sends up spikes of bright colored and spotted flowers somewhat like the Foxglove, but in a great variety of shades and colors. A decidedly beautiful and satisfactory flower.

**GIGANTEUS**—New giant variety, largest blooms in many rare shades. Extra fine strain. Pkt., 25c. 3 pkts 60c postpaid.

**FINE MIXED**—Pkt., 10c. 3 pkts. 25c. postpaid.

**PHACELIA CAMPANULARIA**

A hardy California wild flower. The saucer-shaped flowers are a beautiful clear deep blue color, with contrasting white stamens and are produced in remarkable profusion. Sow the seed in the open either in the Fall or Spring. Pkt. 10c; postpaid.

**PARDANTHU —CHINENSIS**

(Chinese: Ela & Berry Lilly)

A hardy perennial, grow two to three feet and produce a beautiful, lily like, orange red flowers in May. Seed stalks sometimes used with dry grass for decoration. Thrives best in dry, sunny location, and should not be watered too freely. Require little cultivation other than to keep out weeds.

Sow seed in bed outdoors as early in spring as ground is thoroughly warm, covering half inch with fine soil. When 2, 3 leaves come out transplanted. (Pkt. 10c; Oz. 50c; postpaid). Imported Seed.
Annual Poppies

Annual Poppies should be sown in the open ground where they are to remain, as they do not stand transplanting. Sow very thinly, mixing the seed with dry sand to avoid getting too thick; barely cover the seed and press down firmly. If they come up too thickly, they must be thinned out to stand 3 to 4 inches or more apart. Seed may be sown any time from September to June.

SELECT SHIRLEY—This is an extra fine strain of these charming Poppies, containing the greatest variety of colors, of white, delicate pink, deep crimson and striped. Fine 1st mixed. Pkt., 10c.; oz., 40c.

ELDORADO—A beautiful strain of double Shirley Poppies with showy, thin, crinkly petals containing may new salmon shades. Mixed colors. Pkt., 10c.; oz., 75c. postpaid.

TULIP FLOWERED—Intense scarlet, single blossoms. Plants about 2 1/2 to 3 feet high. The brightest colored of all Poppies. Pkt., 10c.

DOUBLE FRINGED or CARNAIION FLOWERED—Mixed colors Pkt., 10c.; oz., 30c. postpaid.

PAEONY FLOWERED MIXED—Large, double straight edged; all colors. Pkt., 10c.; oz., 25c. postpaid.

Perennial Poppies

Hardy perennial, or easy culture; in bright, glowing colors. Sow seed preferably in the fall or early spring, in boxes or the open ground and transplant when of suitable size.

ICELAND—A graceful, delicate variety, 12 inches tall, with white, orange and yellow single blossoms, the petals resembling crumpled tissue paper. The plant is low, and compact, but the flowers on their slender stalks are excellent for cutting. Blooms the first year from seed if sown early in the spring. Pkt., 15c.; 3 pkts., 40c. postpaid.

Japanese Poppies

HARDY POPPY, GIANT ORIENTALE (Papaver Orientale)—Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height, 2 to 3 feet; flowers immense, often 6 inches or more across. They are also grand, cut in but state, for vases. The seed should be sown in the open ground in June or July and is one of the most graceful and long lasting cut flowers; 2 feet. Pkt., 15c.; 3 pkts., 40c. postpaid.

Phlox Drumondii

One of the most beautiful and easiest grown of our hardy garden annuals. The flowers are produced in large trusses and may be had in many lovely colors. The seed may be sown in boxes and transplanted when danger of frost is over or may later be sown in the open. They make a very effective show when grown in masses or borders.

LARGE FLOWERING GRANDIFLORA—A fine type having large heads of bloom and growing 15 inches in height. This variety may be used for cutting. Pkt., 10c.; 3 pkts., 25c. postpaid.

LARGE FLOWERING DWARF—This type has the large individual blooms of the Grandiflora but the growth of the plant is compact and dwarf attaining a height of 8 inches. Effective for parkings and low borders. Pkt., 10c.; 3 pkts., 25c. postpaid.

Rehmannia Angulata

A half-hardy herbaceous perennial with beautiful large rosy-purple gloxinia-like flowers. Suitable for pot culture outdoors in a sheltered situation; 3 feet tall. Sow in boxes and transplant. Pkt., 25c.; 3 pkts., 60c. postpaid.
Salpiglossis (サルピグロッシス)

A half-hardy annual, growing about 3 feet high and bearing trumpet-shaped blossoms of rich reds and shades, all beautifully veined. It is valuable for bedding and massing, and its long stems make it excellent also for cut flowers. Sow seed early in the Spring or transplant, or sow the seed where it is to remain, in April, and thin to 6 or 8 inches. Enrich the soil.

Purple and Gold, Rose and Gold, Velvety Red, Brown and Gold, Light Blue and Gold, Scarlet and Gold. Any of the above colors, 10c per pkt.
Collection of 6 sorts, 50c. Postpaid.

EMPEROR—A splendid large flowered strain; each stem is 2 feet high. Its erect spikes of flowers of brilliant red stand clear above the dark-green foliage and completely cover the plant. Pkt., 15c. Postpaid.

WISETONENSIS (Excelsior Strain)—This variety is now largely used as a pot plant for the house or conservatory. It is remarkably free flowering, and presents a beautiful appearance with its myriads of blooms in a large range of brilliant colors. Pkt., 25c.


Schizanthus (Poor Man’s Orchid)

An easily grown plant, bearing quantities of beautiful Orchid-like flowers in a bedwildering range of color. The plants are such profuse bloomers that each plant looks like an immense panicle of lovely blossoms. May be sown in April in the open ground where they are to remain. A sowing made in Autumn, putting 3 to 5 plants in a 6-inch pot, will give an abundance of bloom through the Winter.

WISTONENSIS (Excelsior Strain)—This variety is now largely used as a pot plant for the house or conservatory. It is remarkably free flowering, and presents a beautiful appearance with its myriads of blooms in a large range of brilliant colors. Pkt., 25c.

Rhodanthe (Everlasting Flower)

One of the finest and most beautiful of the many varieties of Everlasting; for Winter bouquets, the blossoms should be gathered before fully expanded, and if dried in the shade will remain their brilliancy for years.

Pkt., White or Mixed. Pkt., 10c; 1/4 oz., 30c.

Salvia or Flowering Sage (サルビヤ)

The scarlet Sage has long been a favorite bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed, which should be sown as early as possible either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm.

PATENS (BLUE SAGE)—In color this is as blue as the “Scarlet Sage” is red; unlike the latter, however, it is not useful for bedding, but is a beautiful plant for the border or green-house; half hardy perennials; 2 feet. Pkt., 25c., 3 pkts., 60c.

SCABIOSA JAPONICA A new hardy perennial from Japan, forming large bushes, 2 to 3 feet. Pkt., 10c; 3 pkts., 25c. Postpaid.

SILENE PENDULA (Catchfly)

Pretty dwarf plants used mostly for borders, growing 6 inches high. A hardy annual, which is easily grown. Sow the seed in the Fall or Spring.


Scabiosa (スカビオサ)

Sow the seed any time in the Fall or Spring, either in boxes to transplant or in the open ground. Scabiosas grow about 3 feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosa, especially where flowers are wanted for cutting. We offer 6 beautiful colors as under.

MIXED—All colors of the Improved Large-Flowering. Pkt., 10c; 1/4 oz., 20c; oz., 60c. Postpaid.

SCABIOSA JAPONICA A new hardy perennial from Japan, forming large bushes, 2 1/2 to 3 feet in height and breadth, with elegant light-blue flowers. The disc is brown, the florets golden yellow, with large, velvety-brown spots at the base; very effective and useful for cutting. Sow the seed from February to May. Pkt., 10c.

PURPURES GRANDIFLORA—A perennial variety with large, handsome crimson-purple flowers with dark central disc; 3 feet high. Pkt., 10c. Postpaid.

Rudbeckia ( Cone Flower)

One of the finest and most beautiful of the many varieties of Everlasting; for Winter bouquets, the blossoms should be gathered before fully expanded, and if dried in the shade will remain their brilliancy for years.

Pink, White or Mixed. Pkt., 10c; 1/4 oz., 30c.

RICINUS—See Caster Bean.
**Stocks (Gilliflower)**

Large-Flowering 10-Week Stock

This is the leading class for bedding out for Summer blooming. Sow the seed in Spring in boxes or hothed and transplant to 1 foot apart. Save weaker seedlings as they generally produce double flowers.

**MIXED** Double large-flowering. Pkt., 10c; 3 pkts., 25c.

**Beauty of Nice Stocks**

A splendid class that can be used for Summer flowering, but for Winter flowering is most valuable. They form much-branched plants about two feet high and have numerous spikes of large double flowers. For Winter bloom sow from June to August.

**NICE MIXED** — Pkt., 10c; 3 pkts., 25c.

### Spencer or Orchid Flowered Sweet Peas

The finest type of Sweet Peas. The blossoms are large and very wavy with long stems, generally having four blossoms to the stem.

Prepare the soil by spading deeply. Mix in a liberal amount of rotted manure or commercial fertilizer. Sow the seeds in trenches 1 1/2 inches deep in the Fall or early Spring and water well. Thin out as desired and train on wire netting or strings when plants are five or six inches high. Applications of liquid manure during flowering period will and to the length of stems and size of blossoms.

### The Best Novelties

**CARMELITA** — The color is a lovely, delicate yet warm light rose-pink. The vine, number of flowers and length of stems are all that could be desired. Pkt., 10c; oz., 60c.

**MARY PICKFORD** — A sturdy grower producing an abundance of four-flowered sprays on long, stout stems. The color is a beautiful, light and dainty cream-pink with a faint suffusion of salmon. Pkt., 15c.; oz., 60c.

**SNOWBALL** — Glistening pure white; of large size and exquisite form and borne on long, stiff stems. Pkt., 15c.; oz., 60c.

**AUSTIN FREDERICK IMPROVED** — Giant lavender, very fine flowers and length of stems are all that could be desired. Pkt., 10c; oz., 60c.

**BARBARA** — Large bright salmon; must be grown in shade. Must be grown in shade.

**HAWLMARK PINE** — A most beautiful shade of rich rose pink, deeply flushed and shaded with salmon. A vigorous grower and exceptionally free flowering.

**Early Long Season or Winter Flowering Spencer Sweet Peas**

This type will commence flowering from four to six weeks earlier than the regular Spencer type and remain in bloom for a long season. Especially adapted for the Hawaiian Islands and other tropical countries.

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<th>Per pkt.</th>
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**HERCULES** — Giant bright pink of excellent form...

**ILLUMINATOR** — Rose, suffused with salmon-orange; a grand variety of large size and great substance; well waved....

**KING EDWARD SPENCER** — Bright crimson-scarlet; magnificent in size and color....

**KING MAUVE** — Largest waved mauve sort...

**KING WHITE** — A fine white pea; the large flowers are borne almost invariably in fours on stout stems; the blossoms are finely frilled and are of great substance....

**MARGARET ATLEE** — Rich pink and salmon on cream ground....

**MATCHLESS** — The finest primrose variety; the blossoms are large and excessively frilled; free flowering...

**MISS CALIFORNIA** — A distinct shade of salmon and cream-pink, with many four-flowered sprays; stems long and stout.....

**GRANDIFLORA MIXED** — A very fine assortment in all the best colors of the old type Sweet Pea. Pkt., 10c; oz., 15c; 1/4 lb., 40c; 1 lb., $1.25.

**EARLY AVIATOR** — Dazzling crimson scarlet.

**EARLY BLUE BIRD** — Violet blue..

**EARLY COLUMBIA S IRON ROSE** — With white wing....

**EARLY GLITTERS** — Bright fiery orange standard and deep orange wings....

**EARLY GRENADIER** — New dazzling scarlet....

**EARLY HARMONY** — Clear lavender....

**EARLY ROSE CHARM** — Large bright rose....

**EARLY SNOWSTORM IMPROVED** — Pure white....

**EARLY YARRAWA** — Bright rose-pink with light wings....

**EARLY ZVOLANEK’S ROSE** — Giant deep rose pink....

Collection of 5 sorts marked * for 50c.

**CHOICE MIXTURE**...

### Snapdragon

**Per pkt. | Per oz.**

| 0.15     | 0.60 |

**SNOWBALL** — Glistening pure white; of large size and exquisite form and borne on long, stiff stems. Pkt., 15c.; oz., 60c.

**SNOWBALL IMPROVED** — A most beautiful shade of rich rose pink, deeply flushed and shaded with salmon. A vigorous grower and exceptionally free flowering.

**EARLY AVIATOR** — Dazzling crimson scarlet.

**EARLY BLUE BIRD** — Violet blue...

**EARLY COLUMBIA S IRON ROSE** — With white wing....

**EARLY GLITTERS** — Bright fiery orange standard and deep orange wings....

**EARLY GRENADIER** — New dazzling scarlet....

**EARLY HARMONY** — Clear lavender....

**EARLY ROSE CHARM** — Large bright rose....

**EARLY SNOWSTORM IMPROVED** — Pure white....

**EARLY YARRAWA** — Bright rose-pink with light wings....

**EARLY ZVOLANEK’S ROSE** — Giant deep rose pink....

Collection of 5 sorts marked * for 50c.

**CHOICE MIXTURE**...

### KING WHITE — A fine white pea; the large flowers are borne almost invariably in fours on stout stems; the blossoms are finely frilled and are of great substance....

**MARGARET ATLEE** — Rich pink and salmon on cream ground....

**MATCHLESS** — The finest primrose variety; the blossoms are large and excessively frilled; free flowering....

**MISS CALIFORNIA** — A distinct shade of salmon and cream-pink, with many four-flowered sprays; stems long and stout.....

**GRANDIFLORA MIXED** — A very fine assortment in all the best colors of the old type Sweet Pea. Pkt., 10c; oz., 15c; 1/4 lb., 40c; 1 lb., $1.25.
Sweet Rocket (Hesperis)
Hardy perennial, growing 2 to 3 feet, bearing spikes of fragrant purple and white flowers. Mixed. Pkt., 10c.; oz. 60c.
SWEET SULTAN—See Centaurea Imperialis.

Sweet William
A very desirable low-growing, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers.
SINGLE NEWPORT PINK—Brilliant salmon-rose. Pkt., 15c.
SINGLE SCARLET BEAUTY—Bright scarlet. Pkt., 15c.
SINGLE MIXED—Pkt., 10c.; 1/4 oz., 25c.; oz. 75c.
GIANT DOUBLE MIXED—Pkt., 10c.; 1/4 oz., 30c.; oz. $1.00.

HOLBORN GLORY—This strain is a large-flowered election of the auricula-flowered section. This variety contains a beautiful strain of light shades. Pkt., 10c.; 1/4 oz., 25c. postpaid.

Tagetes Shignata Pumila
A dwarf, compact, bushy annual Marigold with attractive fern-like leaves, densely covered with small bright golden-yellow flowers. Pkt., 10c.; 1/4 oz., 50c. postpaid.

Torenia トレニア
A half hardy annual, with trumpet-shaped flowers and growing 4 to 6 inches high; in bloom all Summer. Good for hanging baskets or borders, or for bedding. Sow in boxes from February to May.
FOURNIERI—Velvety blue, with three dark spots of indigo blue flowers, excellent for low fences or hanging baskets or borders, or for bedding. Sow in boxes from February to May.
WHITE WINGS—Dainty white flowers, tinted with rose at throat. Pkt., 15c. 3 pkts., 40c. postpaid.

Thunbergia or Black-Eyed Susan
A tender annual climber, growing about 4 feet long and valuable for low fences or hanging baskets. Prefers a sunny situation. Blossoms are buff, orange or white, with dark centers. Mixed. Pkt., 10c.; 1/4 oz., 40c. postpaid.

Wistaria Chinensis (Chinese Wistaria) 紫藤
A Vigorous showy, climbing tree vine of easy culture. Produce purple grape-like splendid flower spikes during the months of April and May. The best trellis vine, attains about 100 feet. Light green pinnate leaves are most popular foliage. Seeds usually are very slow germination which will take about 4 months to come out, so plant seed in pot, cover an inch with loamy soil and keep the whole pot in ground (Pkt. 10c.; Oz. 20c.; 4 Ozs. 60c.; postpaid). Imported seed

Trachelium Coeruleum
A free flowering perennial producing large cloud-like heads of pale mauve flowers, resembling the Gypsophila; 1 1/2 feet high. Pkt., 15c. 3 pkts., 40c. postpaid.

Valerian
Showy plants for mixed borders or shrubberies, bearing large corymbs of bright flowers; bears shade and moisture well. Hardy perennial 2 1/2 feet. Flowers bright red and white. Crimson, White, Rose or Mixed. Pkt., 10c.

Trichosanthes Cucumeroides
(Wild Cucumber)
This is the quickest growing cucumber in the world. It will grow 30 feet in one season. It is thickly dotted with pretty white fragrant flowers followed by an abundance of ornamental prickly seed pods. A fine climber for summer garden. (Pkt. 10c. postpaid). Imported seed.

Verbascum Olympicum
A stately, hardy perennial plant attaining a height of 6 feet. The large leaves are covered with silvery down, above which rises a pyramid of bright yellow flowers. Pkt., 10c.

Verbena バーベナ
One of the most popular half-hardy perennial plants for Summer bedding, producing freely their brilliant flowers of almost every color. Sown early in a hotbed, they commence to bloom in June and continue until frost. Plants from seed will grow and bloom better than those from cuttings.
MAMMOTH MIXED—Saved from the choicest large flowering varieties and contains all the newest and most striking colors. Pkt., 10c.; 1/4 oz., 50c.
The following separate colors can be supplied at 10c. per pkt., each, or 1/4 oz., 60.; White, Scarlet, Purple with white eye; Pink.
GIANT BLUE—Blue with white eye. Pkt., 15c.
ROSEA STELLATA—Rose-pink with white eye; large size. Pkt., 15c.
LUCIFER—A new variety of large size; color an intense deep cardinal-scarlet throughout. Pkt., 15c.
LUMINOSA—Luminous flame-pink shading to salmon; large and very fine. Pkt., 15c.

Veronica (Speedwell)
A hardy perennial producing long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.
LONGIFOLIA—Handsome heads of rich violet blue; 2 feet high. Pkt., 10c.

Vinca (Madagascar Periwinkle)
Ornamental, free-blooming, tender perennial, useful for bedding in Summer and for the greenhouse in Winter. Seed should be sown early to bloom the first year. The trailing Blue Myrtle or Vinca does not seed. Pkt. 10c., 3 pkts. 25c. postpaid.
The Zinnia is one of the most brilliant and showy of annual flowers early in the Summer and keep on blooming until hard frost has come. Sow the seed early in a hotbed and transplant. Seed may be sown until June for very late blooming.

**IMPROVED LARGE FLOWERING DWARF**—Very desirable for general use, forming bushy compact plants about 2 feet high.

**DOUBLE**—Dark Scarlet, Bright Scarlet, Canary Yellow, White, Salmon Rose, Golden Yellow.

Any of the above colors—Pkt., 10c; 1/4 oz., 25c; oz., 75c. Postpaid.

**GRANDIFLORA ROBUSTA**—A very fine mammoth type. The blossoms are globe-shaped, very large and in numerous colors. The plants are of robust habit, attaining a height of about 3 feet.

We offer the following separate colors at 15c per pkt.:
- Golden Yellow
- Purple
- Scarlet
- White
- Flesh Pink
- Sulphur Yellow
- Crimson
- Orange
- Salmon Pink.

Collection of the above 9 sorts, $1.15. Postpaid.

**RED RIDING HOOD**—Of compact form and covered the entire Summer with little button-like intense scarlet flowers 1 inch across; 1 foot tall; fine as a border plant. Pkt., 10c; 1/4 oz., 35c. Postpaid.

**DOUBLE CRESTED or CURLED**—The petals are twisted and curled into most graceful forms. Mixed. Pkt., 10c; 1/4 oz. 35c.

**Zinnia—Giant Dahlia Flowered**

They plants of this new race are very sturdy and produce many flowers with stout stems, in a wide range of colors. The flowers in full bloom often measure 4 inches in depth and 6 to 8 inches in diameter, closely resembling Show Dahlias. Hallawell's Special Mixture. Pkt., 20c; 1/4 oz. $1.00.

**TREE SEEDS**

Acacia seeds should be soaked in hot water for twelve hours or more before sowing.

(Pkt., 15c, except where noted.)

- **ACACIA BAILEYANA**—Oz., 40c.
- **ACACIA FLORIBUNDA**—Oz., 40c.
- **ACACIA MELAXONYLON**—Oz., 40c.
- **ACACIA MOLLISSIMA**—Oz., 40c.
- **CALIFORNIA FAN PALM**—Oz., 20c.
- **CYPRESS MONTEREY**—Oz., 35c.
- **CYPRESS ITALIAN**—Oz., 50c.
- **DACRACIA INDIVISA**—Oz., 50c.
- **EUCALYPTUS FICIFOLIA** (Scarlet Flowering Gum)—25c per pkt. of 25 seeds, 103 seeds, 85c.
- **EUCALYPTUS GLOBULUS** (Blue Gum)—Oz., 75c; lb, $7.50.
- **PEPPER TREE** (Schinus Molle)—Oz., 20c.
- **GREVILLEA ROBUSTA** (Silk Oak)—Oz., 60c.
- **PHOENIX CANARIENSIS** (Date Palm)—100 seeds, 50c.
- **PINUS INSIGNIS** (Monterey Pine)—Oz., 50c.
- **SEQUOIA GIGANTEA** (California Big Tree)—Oz., $1.00.

**SEQUOIA SEMPEVIRENS** (California Redwood)—Oz., 50c.

**SPARTIUM JUNCEUM** (Spanish Broom)—Oz., 40c.

**ACER PALMATUM**—Oz., 75c; lb., $7.50.

**CEDRUS DEODARA** (Himalyan Cedar)—Oz., 20c; oz. 75c.

**DEPHALOTAXUS DRUPACEA** (Kaya)—Oz., 25c.

**CHAMAECYPARIS OBUTOSA** (Hinoki)—Oz., 50c.

**CRYPTMERIA JAPONICA** (Sugi)—Oz., 50c.

**GINKGO BILOBA**—Oz., 25c.

**LEUCAEMONIA PARVIFOLIA** (Chinese Elm tree)—Pkt. 20c; oz. 75c.

**Conifer Trees**

- **ABIES FIREA** (Momi)—Oz., 53c.
- **CEDRUS DEODORA** (Himalyan Cedar)—Pkt., 20c; oz. 75c.
- **DEPHALOTAXUS DRUPACEA** (Kaya)—Oz., 25c.
- **CHAMAECYPARIS OBUTOSA** (Hinoki)—Oz., 50c.
- **CRYPTMERIA JAPONICA** (Sugi)—Oz., 35c.
- **GINKGO BILOBA** (Icho)—Oz., 25c.
- **SCIAEDOPSIS VERTICILLATA** (Koyamaki)—Pkt., 25c; oz., $1.00.
OUR NURSERY DEPARTMENT

Customers will please remember that when our busy season commences we are rushed with orders and it may be a few days before their orders receive attention; but they may rest assured that there will be no unnecessary delay in shipping.

GUARANTEE—We will warrant all trees and plants to be good and thrifty, but having no control over them after delivery to the transportation companies, or over the planting and care after they are received by the buyer, we will not be responsible in any other direction than as stated. We exercise great care to have all our nursery stock true to name. Nevertheless it is understood that should any stock prove otherwise, we shall not be liable for any sum greater than that paid us for only such stock as shall prove untrue.

PRICES quoted are F. O. B. San Francisco except where noted. Where express office differs from postoffice be sure to state.

CLAIMS—Should any errors occur we desire to be informed upon receipt of goods, in order that we may rectify them without delay. All claims must be filed within ten days after the arrival of the shipments.

THE ROSE

December, January, February and March are the best months for planting but should the season be favorable you can still plant during the early part of April. The plants sent out during these months are what we call dormant two-year-old budded plants. Roses give best results when planted in a fairly sunny location and in good heavy sediment soil to which may be added some old manure or bone meal, but never use fresh manure. When planting straighten out all roots and as the dirt is filled in see that it is well packed around them; this keeps out the air and encourages a new growth of rootlets. Be sure that the Rose is planted so that the point where it is budded shall be just below the surface.

Roses of Special Merit

Strong 2-year old plants, 75c each; $7.50 per dozen. Prepaid with in third zone, when in dormant condition.

MRS. HERBERT STEVENS (T.)—A large pure white rose perfect form with high pointed center.

OPHELIA (H.T.)—Flowers salmon-flesh shaded with rose, large good shape, standing up well on stiff stems; fragrant and very free flowering, free from mildew.

PREMIER (H. T.)—Flowers pure rose-pink, deliciously fragrant and borne on stiff thornless stems; strong grower and free bloomer.

RADIANCE (H. T.)—Brilliant rose pink; large and full flowers of beautiful form. Very prolific.

BOSE MARIE (H. T.)—Beautiful long buds and well formed flowers of a clear rose-pink; very fragrant.

SUNBURST (H. T.)—Yellow suffused orange at center, buds long and flowers large and fairly double.

Standard Roses

The following varieties can be supplied in tree-shaped from on stout stems 3 1/2 to 4 feet high, $2.00 each:

CAROLINE TESTOUT—Pink, very full and large.

THE ASPIDISTRA

Aspidistra はつん

The most useful "foliage" plant for the house and the porch decoration. It seems intended by nature for such purposes as it stands more neglect than any known living plant; because of its ability in that direction. It has frequently been called "The cast iron plant" not a happy designation but a fitting one. It will thrive in corner or a roome where no other plants can be kept alive. The variegated form green with broad strips of white, contrast finely with decoration foliage plants, the green variety is a rich, dark color and very popular.

Potted, with 8 to 10 of good leaves—$5.00 Express, State, Green Leaves, White striped leave or mixture wanted.
Chrysanthemum

Large Flowered Japanese Chrysanthemums

Set out the plants about 2 feet apart in well fertilized ground. After the young plants have grown 2 inches pinch them back about 4 inches, then each plant will send out from 3 to 4 stems. In order to give strength to the blossoms, cover the ground with a layer of an inch or two of decayed manure. As soon as the buds appear on the stems, let the largest remain and pinch off all others.

Ready about May 1. (Each 20c.) (6 for $1.00) postpaid.

MAJOR BONNAFFON—Deep yellow, incurved.
MEUDON—Immense pink, broad, long, drooping petals, full in the center.
MRS. G. G. MASON—Clear blood-red.
PINK TURNER—Clear lavender-pink, incurved.
WILLIAM TURNER—Pure white, incurved.
YELLOW TURNER—Light yellow, incurved.

The bulbs should be planted about 4 inches deep and 7 or 8 inches apart. Any good garden soil will make strong plants and good bloom, but a light application of any well decayed manure or good commercial fertilizer applied on the top of the ground after the plants are several inches high will aid in producing larger blooms. Keep the ground moist until the flower spikes begin to appear, then water freely. The bulbs should be taken up in the fall, after the leaves have become yellow, and then stored in a cool, dry place, free from frost. From December to April are the months to plant Gladiolus.

Six of a kind at the dozen rate; 50 at the hundred rate.

GLADIOLUS (グラディオラス)

Select Named Sorts

ANNA EBERIUS—Dark velvety purple, throat deeper. 10c. each; $1.00 per doz.; $7.50 per 100.
CARMEN SYLVA—Pure white except for slight violet markings deep in the throat. Very fine. 15c. each; $1.50 per doz.; $10.03 per 100.
CRIMSON GLOW—A brilliant crimson; flowers very large and well placed on a tall spike. 10c. each; $1.00 per doz.; $7.00 per 100.
EARLY SUNRISE—Red with salmon-yellow throat; very large. 10c. each; $1.00 per doz.; $7.00 per 100.
E. J. SHAYLOR—Large blooms of a beautiful, clear, deep rose-pink. 8c. each; 85c. per doz.; $6.00 per 100.
GOLDEN MEASURE—Beautiful deep yellow, with large ruffled flowers well placed on a tall spike. 15c. each; $1.50 per doz.; $10.00 per 100.
HALLEY—Very large flowers of a lovely salmon-pink, lower petals blotched yellow with carmine markings. 7c. each; 75c. per doz.; $5.00 per 100.
IERADA—Blossoms of immense size on tall, straight spikes. Color is a pure mauve, with deeper markings in throat; a very attractive color. 8c. each; 85c. per doz.; $6.00 per 100.
LE MARECHAL FOCH—An improvement on America. A beautiful soft shade of pink; extra large flowers. 7c. each; 75c. per doz.; $5.00 per 100.
LIEBESFEUER (Love's Fire)—Very large flowers of a bright coral-red shade, produced on fine strong spikes. 10c. each; $1.03 per doz.; $7.00 per 100.
MRS. DE. NORTON—Pure soft white with tipe of petals suffused pink. 8c. each; 85c. per doz.; $6.00 per 100.
MRS. FRANK PENDLETON—A beautiful salmon-pink with a conspicuous blood-red blotch in the throat on the lower petals. Flowers are of the largest size and are borne on strong spikes. 7c. each; 75c. per doz.; $5.00 per 100.
PANAMA This grand variety resembles America, but is a much deeper pink. Highly recommended. 8c. each; 85c. per doz.; $6.00 per 100.
PEACE—A large white sort; interior of petals feathered pale lilac. 8c. each; 85c. per doz.; $6.00 per 100.
PRINCE OF WALES—Flowers are large and well placed, and the color is a beautiful light salmon. One of the best novelties of recent introduction. 10c. each; $1.00 per doz.; $7.00 per 100.
ROSELLA—Light rose with a large starry white blotch in the throat. A strong spike with several large flowers open at one time. 15c. each; $1.50 per doz.; $10.00 per 100.
SCHWABEN—Best clear canary-yellow. The stalks produce about 20 very large flowers—6 to 8 usually open at one time. 7c. each; 75c. per doz.; $5.00 per 100.
VIRGINIA (Scarlet Princess)—Large well formed flowers of a beautiful shade of glowing scarlet on tall spike. 7c. each; 75c. per doz.; $5.00 per 100.

Gladiolus

Select Named Sorts

ANNA EBERIUS—Dark velvety purple, throat deeper. 10c. each; $1.00 per doz.; $7.50 per 100.
CARMEN SYLVA—Pure white except for slight violet markings deep in the throat. Very fine. 15c. each; $1.50 per doz.; $10.03 per 100.
CRIMSON GLOW—A brilliant crimson; flowers very large and well placed on a tall spike. 10c. each; $1.00 per doz.; $7.00 per 100.
EARLY SUNRISE—Red with salmon-yellow throat; very large. 10c. each; $1.00 per doz.; $7.00 per 100.
E. J. SHAYLOR—Large blooms of a beautiful, clear, deep rose-pink. 8c. each; 85c. per doz.; $6.00 per 100.
GOLDEN MEASURE—Beautiful deep yellow, with large ruffled flowers well placed on a tall spike. 15c. each; $1.50 per doz.; $10.00 per 100.
HALLEY—Very large flowers of a lovely salmon-pink, lower petals blotched yellow with carmine markings. 7c. each; 75c. per doz.; $5.00 per 100.
IERADA—Blossoms of immense size on tall, straight spikes. Color is a pure mauve, with deeper markings in throat; a very attractive color. 8c. each; 85c. per doz.; $6.00 per 100.
LE MARECHAL FOCH—An improvement on America. A beautiful soft shade of pink; extra large flowers. 7c. each; 75c. per doz.; $5.00 per 100.
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PANAMA This grand variety resembles America, but is a much deeper pink. Highly recommended. 8c. each; 85c. per doz.; $6.00 per 100.
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SCHWABEN—Best clear canary-yellow. The stalks produce about 20 very large flowers—6 to 8 usually open at one time. 7c. each; 75c. per doz.; $5.00 per 100.
VIRGINIA (Scarlet Princess)—Large well formed flowers of a beautiful shade of glowing scarlet on tall spike. 7c. each; 75c. per doz.; $5.00 per 100.

Rainbow Mixture—A mixture of large flowering gladiolus in a good variety of colors. 50c. per doz.; $3.50 per 100.
EXTRA SELECT MIXTURE—Made up from best named sorts. $1.00 per doz.; $7.00 per 100. $15.00 for 250.

The bulbs should be planted about 4 inches deep and 7 or 8 inches apart. Any good garden soil will make strong plants and good bloom, but a light application of any well decayed manure or good commercial fertilizer applied on the top of the ground after the plants are several inches high will aid in producing larger blooms. Keep the ground moist until the flower spikes begin to appear, then water freely. The bulbs should be taken up in the fall, after the leaves have become yellow, and then stored in a cool, dry place, free from frost. From December to April are the months to plant Gladiolus.

Six of a kind at the dozen rate; 50 at the hundred rate.
DAHLIAS

CULTURAL DIRECTIONS

Although Dahlias are easily grown in any good garden soil they respond readily to good cultivation. Prepare the soil by digging 12 to 18 inches deep and working in a moderate amount of well rotted manure or commercial fertilizer. Plant the bulbs 2 1/2 to 3 feet apart at a depth of 5 or 6 inches. Give them just enough water when above ground to keep them growing slowly. Apply fertilizers and water in quantities only after the plant commences to bud. Dahlias may be planted from March to July, preferably in May.

Prices are prepaid anywhere within the fourth zone. Dahlia seed see page 40.

Pompon Dahlias

This class produces small double flowers in great profusion. Splendid for cutting, owing to their keeping qualities. They grow about 2 1/2 feet high and very bushy. 35c. each; $3.50 p. r. doz.

AMBER QUEEN—Deep amber.
ANNE DONCASTER—Yellow base, suffused pearly pink.
DAISY EYE—White with deep lavender center.
EUNICE—White tipped lavender.
FASHION—Light orange.
GLOW—Coral-rose. A lovely coloring.
LASSIE—Primrose base, suffused with rose; very good.
LITTLE DORRIT—Purple, small, perfectly shaped flowers.
PHOEBE—Golden-orange.
PHYLLIS—Yellow, heavily shaded cherry-rose; extra good.
TOMMY KEITH—Red tipped white.

Decorative Dahlias

AMUN RA—A decorative of immense size and a beautiful shade of coppery orange. The stems are long and stiff and the flowers have splendid keeping qualities. $1.00 each.
BLACK JACK—Extremely large flowers with long stout stems, of a very rich dark maroon, almost black. $2.00 each.
ROOKWOOD—Gigantic blooms on long, strong stems; a clear bright carnation. Medium height. $2.50.
THE CLOWN (Gill)—Generally they are a yellow ground splashed with crimson and tipped white; others are soft red tipped white, while others are solid red or white; strong, erect stems. $3.50.
JANE SELBY—Delicate mauve-pink of immense size, stems long and stiff. Unusually fine for cutting. $1.00 each.
KITTY DUNLAP—It is of the delightful shade of the American Beauty rose. The formation of the flower is perfect, with long, stiff stems. $1.00 each.

Cactus and Hybrid Cactus Dahlias

BALLET GIRL—Very attractive. Orange, splashed and tipped with white, perfect formation. $1.00 each.
CALIFORNIA ENCHANTRESS—An immense bloom of a delightful shade of pale pink. Excellent for cutting. $1.00 each.
CINDERELLA, H. C.—A large, deep full flower of pale salmon or fawn pink, shading to fan center. $2.50.
George WALTERS (C.)—Salmon-pink and yellow, fine lines. $3.00.
GOLDEN WEST (H. C.)—Old gold color. Fine stems and good keeping flowers 50c. each.
MARIPOSA, H. C.—Giant flowers on strong stems; pink, lightly suffused with violet, veined white. $2.50.
RECENT—Giant incurved flowers of clear mauve pink on long erect stems; extra fine. $1.00.

Paeony Flowered Dahlias

A race of immense size, usually one to three rows of long flat or twisted and pointed petals, showing a large open flat or twisted and pointed petals, showing a large open

BULLIONAIRE—Beautiful shade of golden-orange; enormous flowers. 50c. each.
CITY OF PORTLAND—Deep clear rich yellow. The blooms are of immense size. Splendid for cutting. 75c. each.
CREAM KING—Beautiful cream overlaid primrose; immense size. $2.00 each.
DAMIANA—Primrose base, suffused with rose; very good.
GOLDEN GLORY—Large flowers of immense size, stems long and stiff. Unusually fine for cutting. $1.00 each.
LITTLE DORRIT—Purple, small, perfectly shaped flowers.
LIPTLE DORRIT—Purple, small, perfectly shaped flowers.
LASSIE—Primrose base, suffused with rose; very good.
MEYERBEER—Largest paeony dahlia grown; rich purple lined crimson. 75c. each.
MRS. JESSIE SEAL—Old rose shading to pink. The flowers large and full, are produced in great profusion upon extra long, graceful stems. A grand variety. $1.00 each.

Bamboos

BAMBUS A FASTUOSA—Strong and erect grower. Canes spring up straight as spears; when sheaths fall the canes are deep green, later the color changes to purple, then gradually ripens. Foliage dark green with yellow blotches. Fine as an addition to any garden. Large Clumps, $5.00. Divided Clumps, $3.
PHYLLOSTACHYS AUREA—Canes close jointed at base and of a pure golden yellow. Sends up in dense form very slender shoots of moderate height; leaves from two to four inches long. Makes fine decorative material. Large Clumps, $5.00. Divided Clumps, $2.00.
PHYLLOSTACHYS QUILIO—Our strongest, tallest and hardest bamboo. Foliage variable, averaging from three to six inches long. Canes glossy green changing to yellow when ripe; strong when seasoned. Should be widely planted in California. Large Clumps, $5.00. Divided Clumps, $2.00.

Nandina

NANDINA DOMESTICA (S)—A leafy shrub resembling a dwarf bamboo in looks; foliage pink-tipped in summer, in fall a clear bright cerise rose. Medium height. $1.50; 1 1/2 to 2 ft., $1.25; 2 to 3 ft., $1.25; 2 to 3 ft., $1.25; 3 to 4 ft., $1.75; 2 to 3 ft., $1.75; 2 to 3 ft., $1.75. Potted, 1 1/2 to 2 ft., $5.00.

Pyrus

PYRUS IOENSI DBECHTEL—Bechtle’s Double-flowered Crab. An exceptionally fine variety with all good characteristics of this family. Very hardy, forms a shapely, compact specimen and blooms freely. The fragrant flowers are very double, soft pink resembling a small rose in formation. Bare root, 4 to 6 ft., $1.50.

P. KAI DO—A very showy variety with red flowers. Bare root, 4 to 6 ft., $1.50.
FRUIT TREES AND SMALL FRUITS

SPECIAL NOTICE TO PURCHASERS

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

Apples

Price, 4 to 6 feet, 65c. each; $6.00 per 10.

Baldwin—Large, roundish, deep bright red over a yellow ground; flesh yellowish white, crisp, juicy, sub-acid. Ripe in November and December.

Bismarck—Large yellow with red cheek; a fine eating and cooking sort, also a good keeping winter apple. Very productive. Ripens June to December, bearing quicker than any other kind. Ripens in Winter.


Esopus-Spitzenburg—Large, light red, rich. Sprightly, juicy, and crisp. A fine eating apple. Ripe in October to December.

Blenheim—An excellent variety and in great demand.

Jonathan—Medium to large, conical, striped, mostly red, rich flavor, very productive and good keeper. Ripe in October to December.

Grauernstein—A large, striped, beautiful, roundish apple; of excellent quality, juicy, highly flavored. A good grower and prolific bearer. Ripe in August.

Jonathan—Medium to large, conical, striped, mostly red, rich flavor, very productive and good keeper. Ripe in October to December.

Red Astrachan—Large, roundish, skin deep red; flesh white, juicy and crisp, though rather acid. A hardy, vigorous and early bearer. The best early apple. Ripe in June and July.

Rome Beauty—Large yellow striped with bright red; very handsome; flesh tender, juicy, sprightly. A long keeper. Ripe in November and December.

Winter Banana—Medium to large golden yellow usually shaded crimson. Flesh fine-grained with a very rich sub-acid flavor commences bearing very young. Ripe in October to December.

Yellow Bellflower—Very large, oblong; skin smooth and of pale lemon color; flesh firm but tender, juicy and sub-acid; very productive. Ripens November to February.

Yellow Newtown Pippin—Another variety very successfully grown in California. Large; flesh yellow, firm, crisp, juicy, of exceedingly rich flavor. The best Winter apple. Ripe January to March.

Apricots

Price, 4 to 6 feet, 65c. each; $6.00 per 10.

Blenheim—A large, early, and regular bearer and have an abundance of foliage thoroughly protecting the fruit. Fruit above medium, oval; orange color, with deep yellow, juicy and rich flesh; July.

Hemskirke—Large, roundish; flesh bright orange, tender and juicy, with a rich plum-like flavor; fruit not quite as large as the Moorpark, but ripening more evenly. August.

Muir—Has a delicious, rich buttery sweet flavor; fruit is large; skin pure yellow; flesh yellow. As a drying peach it excels all others. Ripe at end of August.

Salway—A large, yellow English peach, with deep yellow flesh; very juicy, melting and rich. The most valuable late market variety. Ripes in August.

Alexander Peach

Price, 4 to 6 feet, 65c. each; $3.00 per 10.

Alexander—Generally known as the Strawberry Peach. Medium size, skin greenish white nearly covered with rich red; flesh firm and juicy, sweet. Early June.

Elberta—Very large, bright yellow with a beautiful red mottled cheek; juicy and sweet; regular bearer. Ripes about end of July.

Early Crawford—This is probably the most extensively grown of all peaches. Very large; color yellow, red cheek; flesh yellow, rich, excellent. Very productive. Ripens middle of July.

Hale's Early—Large, greenish white mostly covered with red; flesh white, melting, juicy and sweet. Late June.

Late Crawford—Very large; yellow with dark red cheek; flesh deep yellow, juicy and melting; of exquisite flavor; valuable for canning and drying. Ripens middle to end of August.

Almonds

Price, 4 to 6 feet, 65c. each; $6.00 per 10.

1. X. L.—Tree a sturdy, upright grower, with large leaves, nuts large; shells easily, no machine being needed nor is any bleaching necesary; shell soft but perfect. It bears heavily in the first year, and in size, form, and character, resembles the Royal almonds.

Ne Plus Ultra—Tree a rapid grower; leaves rather large; a heavy and regular bearer; nuts large and very long in shape; soft shells; hulls freely.

Nonpareil—Of weeping style of growth but still forms a beautiful tree. An extraordinarily heavy and regular bearer with very thin shell.

Cherries

Price, 4 to 6 feet, 65c. each; $6.00 per 10.

Bing—Fruit large, dark brown or black; very fine; June.

Black Tartarian—Very large, bright black. Late May.

Early Richmond—A red sour "pie cherry."

Royal Ann (Napoleon Bigarreau)—Very large, amber in color. The favorite white cherry. Late June.

Peaches

The trees require the same pruning as Nectarines.

Price, 4 to 6 feet, 65c. each; $3.00 per 10.

Alexander—Generally known as the Strawberry Peach. Medium size, skin greenish white nearly covered with rich red; flesh firm and juicy, sweet. Early June.

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Late Crawford—Very large; yellow with dark red cheek; flesh deep yellow, juicy and melting; of exquisite flavor; valuable for canning and drying. Ripens middle to end of August.

Lemon Cling—Large yellow; flesh firm and clear yellow. Au uat.

Muir—Has a delicious, rich buttery sweet flavor; fruit is large; skin pure yellow; flesh yellow. As a drying peach it excels all others. Ripes end of August.

Salway—A large, yellow English peach, with deep yellow flesh; very juicy, melting and rich. The most valuable late market variety. Ripens in August.

Tuscan Cling—Very large, yellow to the pit; very heavy bearer.

White Heath Cling—Skin downy, creamy white, with faint blush of red; flesh white, slightly red at the pit; very tender, juicy and sweet, Ripens middle of September.
Walnuts ウェルナット
FRANQUETTE—Nut is quite large, of an elongated oval shape and very attractive; kernel full, sweet and of a rich, nutty flavor; a late bloomer. Grafted on California Black Walnut root. 4 to 6 feet, $1.72 each, $15.00 per 10.
MAYETTE—A very superior nut in every way. Tree an abundant bearer and very late bloomer. Grafted on California Black Walnut root. 4 to 6 feet, $1.75 each, $15.00 per 10.

Pomegranates 果物
The natural habit of the Pomegranate is to grow bushy. If pruned heavily it will not bear well.

Pears 梨
Prune the same as Apples.
Price, 4 to 7 feet, 65c. each; $6.00 per 10.
Except Seckel, 3 feet, at same price.

Diospyros Kaki, (Japanese persimmon)

Oranges オレンジ
Balled 4 to 5 feet. Extra Select. $3.50 each.
RIVERSIDE WASHINGTON NAVEL—Fruit first-class in every respect; size medium to large, oval, smooth, symmetrical, seedless, pulp fine grained, flavor excellent. A solid, perfect fruit.

Pears
Prune the same as Apples.
Price, 4 to 7 feet, 65c. each; $6.00 per 10.
Except Seckel, 3 feet, at same price.

BARLETT—There is no occasion to describe this variety, so well known is it. A vigorous and strong grower. Bears heavily; good for shipping and canning, August.
DOYENNE DU COMICE—Large, greenish-yellow shaded with crimson. Ripe in October.
P. BARRY—Very large; yellow, juicy, fine grained; excellent keeper, vigorous grower and heavy bearer. Ripe from December to March.
SECKEL—Quite small; rich yellowish brown; very sweet and productive. Ripe in September.
WINTER NELIS—Medium size, roundish, yellowish green, dotted with russet. Fine flavor. November to January.

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Prunes ブルン

Price, 4 to 6 feet, 65c. each; $6.00 per 10.

FRENCH (Pettie d'Agen)—This is the prune now grown so extensively and successfully in California for drying purposes; medium-sized; egg-shape, violet purple; very rich and sugary. Prolific bearer. August.

GERMAN—Long, oval, and swollen on one side; skin purple, with a thick blue bloom; flesh firm, green, sweet with a peculiarly pleasant flavor. Separates readily from the stone. September.

HUNGARIAN—Fruit very large, with tendency to come double; reddish violet, covered with a handsome bloom. Very juicy and sweet. Good shipper. September.

IMPERIAL EPINEUSE—Very large, violet purple, exceedingly sweet. September.

SUGAR—An extremely early prune. Very large. Ripens August Ist. Skin very tender, at first of a light purple, tinted with green, changing at maturity to dark purple, covered with a thick white bloom. Early August.

TRAGEDY—Dark purple; flesh yellowish green; very rich and sweet Early July.

Grapes 塔 杨

Prices, 25c. each; $2.00 per 10, excepting Isabella, Concord and Niagara, which are 35c. each, $3.00 per 10.

ALICANTE BOUSCHET—A very fine wine grape with deep red juice. September.

BLACK HAMBURG—Black, very large and oblong. September.

CONCORD—Black, August.

FLAME TOKAY—Red, September.

ISABELLA REGIA or PIERCE—Bluish-black. September.

MUSCAT—Pale amber, August—September.

NIAGARA—Pale yellow, September.

THOMPSON'S SEEDLESS—Yellow, August.

ZINFANDEL—Dark purple wine grape, September.

Strawberries ストロベリー

Prepaid anywhere within the second zone.

BANNER—The most popular and best strawberry ever grown. Fruit of this sort may be picked from March until December in most localities. The plants we carry are guaranteed to be the "Genuine Banner" stock. Extra large, well rooted plants. 35c. per dozen; $2.50 per 100.

OREGON EVERBEARING—A vigorous grower, fruit of medium to large size; an even and abundant bearer, of good color and texture; flavor sweet and delicious. 35c. per dozen; $3.50 per 100.

MARSHAL—Of enormous size, blood red color, rich aromatic flavor. 35c. per dozen; $2.50 per 100.

Currants カーラント

Each, 30c.; postpaid, 45c.; 10 for $2.50 postpaid. $2.80.

CHERRY CURRANT—Very large, deep red.

Gooseberries グースベリー

Each, 30c.; postpaid, 45c.; 10 for $2.50; postpaid, $2.85.

CHAMPION—Berries large and brownish red; very sweet and find for table use and pies. Strong grower; prolific bearer.

DOWNING—Fruit good sized, whitish green, flesh soft and juicy, vigorous grower.

Rhubarb ルーバーブ

Large Roots. Each 25c.; postpaid, 35c. 5 for $1.00; postpaid, $1.15.

BURBANK'S GIANT CRIMSON WINTER—A robust grower and prolific producer of mammoth stalks of fine flavor, three times the size of the older sorts, thrives very well during the winter months.

STRAWBERRY—Large stalks; very tender and fine. Of the best quality.

Blackberries ブラックベリー

If wanted by parcels post within the second zone, add postage as follows: 10c. for 1 plant; 15c. for 5 plants; 25c. for 10 plants.

CORY THORNLESS MAMMOTH—This berry grows on vines or stalks, smooth and free from thorns, and it is the largest of all blackberries. It has a delicious flavor of its own, somewhat resembling the wild blackberry. Another feature is that it is almost seedless. 25c. each; $2.00 per 10.

HIMALAYA GIANT—A late Blackberry, coming after the other berries are gone, ripening over a period of several weeks, making it especially desirable for family use. Like the Loganberry and Mammoth Blackberry, it must be grown on a trellis. The berries grow in bunches, are of excellent flavor and the yield is tremendously large. One-year-old plants. 25c. each; $2.00 per 10.

MAMMOTH BLACKBERRY (Named by some " The Black Loganberry")—The fruit is very large, some specimens measuring from 2 1/4 to 2 1/2 inches long; extra fine flavor. Enormously productive and quite early. One-year-old plants. 25c. each; $2.00 per 10.

LOGANBERRY (Raspberry-Blackberry)—The fruit is often an inch and a quarter long, dark red, with the shape of a blackberry, the color of a raspberry and the flavor a combination of both. The vines are strong growers and the yield is exceedingly heavy. One-year-old plants. 25c. each; $2.50 per 10.

PHENOMENAL BERRY—Berries very large, of a bright crimson raspberry color. Berries in clusters of 5 to 10; very productive. One-year-old plants. 30c. each; $2.50 per 10.

Raspberry ラズベリー

It wanted by parcel post within the second zone, add postage as follows: 10c. for 1 plant; 15c. for 5 plants; 25c. for 10 plants.

CUTHBERT—Large crimson variety and very productive; bears transportation well. 15c. each; $1.00 per 10, $6.00 per 100.

LA FRANCE—The Giant Everbearing. Red Raspberry. Superior to any other Raspberry. Produces large juicy berries of finest aroma; very prolific; heavy bearer; absolutely hardy and free from disease; bears from June until November. 30c. each; $2.50 per 10.

RANIERE—The most popular everbearing red raspberry. It commences to bear a big crop of large bright crimson berries of the finest quality in June and begins again in September and bears continuously until Christmas. 20c. each; $1.50 per 10.
The Oriental Seed Co., San Francisco, Cal.

GARDEN TOOLS AND REQUISITES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

(Articles marked postpaid are delivered free within the third zone)

**JAPANESE PRUNING SHEARS**

For both pruning and thinning and all other gardening. Highest steel, best temper.

- **UEKI TYPE** $1.03 postpaid
- **AZUMA TYPE** $1.10 postpaid

**Japanese Grafting Knife**

Very sharp, handy, 7”, 75c postpaid.

**Japanese Bamboo Rake**

Made of spit bamboo therefore flexible and light to handle. Suitable for raking long and short cut lawn grasses, works equally as well on fine grav ed paths.

Price, $1.25 each, or $1.50 postpaid.

**JAPANESE LAWN AND LEAF BROOM**

Made of Japanese bamboo twigs suitable for sweeping lawns and paths of cut grass and leaves.

Price, $1.50 postpaid.

**Shears and Pruners**

- **PRUNING SHEARS—NAPA NO. 7, ROUGH FINISH—9” per pair, $1.25 postpaid.**
- **NAPA NO. 6, NICKEL PLATED—9” per pair, $2.00 postpaid.**
- **NAPA NO. 5, NICKEL PLATED, EXTRA STRONG SPRING—9” per pair, $2.50 postpaid.**
- **NAPA NO. 4, HEAVY—9” per pair, $3.25 postpaid.**
- **NAPA NO. 2, EXTRA HEAVY—9” per pair, $4.50 postpaid.**
- **GENUINE REISER—Per pair, $6.00.**
- **LADIES’ SMALL NICKEL FLOWER SHEARS—4 1/2” per pair, $1.50 postpaid.**
- **BORDER SHEARS—$3.25 per pair, F. O. B.**
- **GRASS or SHEEP SHEARS—Per pair, 90c, $1.25 and $1.75, according to grade, postpaid.**
- **HEDGE SHEARS—Hand-forged 6” blade, per pair, $1.75; 8” blade, $1.00; 9” blade, $3.25; 10” blade, $3.75. Postage 15c per pair extra.**
- **TREE PRUNING SHEARS—26” and 29” handles. $3.50 each, F. O. B.**
- **TREE PRUNERS—6 feet, $2.00 each; 8 feet, $2.25 each; 10 feet, $2.50 each, F. O. B.**
- **PRUNING and BUDDING KNIVES In full assortment.**

**Garden Cultivate (Norcross)**

Prices F. O. B.

- **Best tool yet for stringing soil in home garden.**
  - **No. 55. 5-prong Norcross, full length handle. $1.15.**
  - **No. 35. 3-prong, medium long handle. $0.55.**
  - **No. 11. 3-prong Midget, with 9-inch handle; very handy tool. 95c.**

**Macabee Gopher Trap**

This is the most convenient gopher trap yet manufactured. It is easy to set, small and can be extended far down into the hole. Price postpaid. 35c.
Stops Chicks Dying

Most people lose half of every hatch, and seem to expect it. Chicken cholera or white diarrhoea is the trouble. Science offers the poultry raiser a new wonderful discovery, AVICOL, that is easily given in water for either the prevention or treatment. The thousands of poultry raisers who have used Avicol are unanimous in their praise of it. 55c and $1.10 packages, postpaid.

Leg Bands for Poultry of Celluloid

Spir-ol Leg Bands are made in six colors and all sizes, and are put on and taken off like a key ring. Can't drop off. Colors are black, white, red, yellow, blue, green, purple, light blue, maroon and pink. In ordering please state color wanted, also name of breed. Leghorn, Rocks, Rhode Island Reds or Turkeys. It enables us to fill the order satisfactorily. Prices:

12 Bands for $ .15 postpaid
25 Bands for $ .25 postpaid
50 Bands for $ .50 postpaid
100 Bands for $ .75 postpaid
500 Bands for $ 3.75 postpaid
1000 Bands for $ 6.50 postpaid

Spir-ol Band for Chick, Ban¬
tam and Pigeon size as follows:
12 for 15c; 25 for 25c; 50 for 40c; 100 for $ 1.00; 500 for $3.00; 1000 for $10.00. These bands come in the same colors as given above for Poultry Bands.

Sanitary Feeding Troughs

For Chicks and Growing Stock

Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Sliding top. Easy to fill and clean. Made in three sizes. Prices:

<table>
<thead>
<tr>
<th>No.</th>
<th>Length</th>
<th>No. of Holes</th>
<th>Postpaid</th>
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<tr>
<td>21</td>
<td>12 in.</td>
<td>6</td>
<td>50c.</td>
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<td>22</td>
<td>18 in.</td>
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<tr>
<td>23</td>
<td>24 in.</td>
<td>12</td>
<td>95c.</td>
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Star Fountain and Feeder

Very popular, convenient, practical, low in price, and durable.

Made of a single piece of heavy non-rustning metal. Can be used for feed or water. Little chicks cannot drown.

Made in one size only, will fit any Mason Jar, in sizes 1 pint, 1 quart and 2 quart. Price $ .15 cts. each, postpaid. This price does not include the jar.

Grit Boxes

No. 45—Grit Box for baby chicks. Has two compart¬ments.

Height 8 in. Width 5 in. Each 60c. postpaid.

No. 9—Grit Box. Has three compartments. Height 13 in.

Width 8 1/2 in. Each $ 1.10 postpaid.

No. 90—Grit Box. Has four compartments. Height 13 in.

Width 11 in. Each $ 1.45 postpaid.

Moe's Round Baby Chick Feeder

The most convenient and commodious feeder on the market can also be used for water. Manufactured in two sizes, as follows:

No. 11—Small Size $ .25 postpaid
No. 12—Large Size $ .30 postpaid
RAFFIA—Its principal use is for tying vines, flowers, asparagus and celery bunches and for grafting.

Natural color is a light straw, lb. 40c, 50c postpaid; 10 lb. lots and over at 35c, not prepaid.

Make More Profit

This Amazing New Method Gets Your Crop to Market Earliar

Germaco Hotcaps can make you extra dollars this season.

They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce harder, quicker crops. You get higher pieces!

A thousand were used in 48 states last year. They cost so little that growers cannot afford to be without them.

Price per roll (1,000 Kaps), $11.50; 5,000 Kaps, $11.00 postpaid.

Little Putnam Stove

This stove is nine inches in diameter and four inches high: made of galvanized iron and equipped with a burner which embodies an entirely new principle in oil combustion. Combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints of oil. The stove with any kind of usage will last a life-time.

This stove is used under the drinking vessels of the poultry house to keep the water from freezing and as the heat element for oat-sprouter.

Price. $2.20 each, postpaid.

Best Garden Fertilizer

FLORANID -The best nitrogen fertilizer; contains 46% nitrogen 1 1/2 oz. cans, 15c (20c. postpaid); 1/2 lb. cans, 40c (50c. postpaid); 1 lb. cans 75c. (85c. postpaid). Booklet with directions how to use, mailed on request.

GROMORE - A highly concentrated fertilizer. Booklet with directions how to use, mailed on request.

2 lbs., 50c; 5 lbs. $1.00; 25 lbs., $3.25; $1.40 (70c. postpaid) ($1.40 postpaid).

A concentrated fertilizer in tablet form. Guaranteed analysis of .11% nitrogen, 12% phosphoric acid and 15% potash Full directions with each package. 30 tablets, 30c; 100 tablets, 80c; 1,000 tablets in can, $1.00; postpaid.

RAT CORN

Kills Rats and Mice

No Odors or Smells.

It mummifies them. No matter where they die, they die, they simply DRAY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and, without a doubt, the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous, or disagreeable effects.

Rat Corn is not dangerous to handle and is harmless to human beings.

Put up in 25-cent, 60-cent and 1.15 packages. Postpaid.

Putnam Brooder Heater

Save Your Baby Chicks at a Small Cost

Require filling but once a week. No other attention.

It is so constructed that it acts like an open fire-place, carrying the foul air out and drawing the fresh air in, thus providing perfect ventilation automatically. Price, $5.00, postpaid.
Brown Sprayers and Bucket Pumps for Every Purpose

**Auto-Spray No. 5**

An ideal all-purpose hand sprayer made entirely of brass. It is double acting, producing a continuous spray and will generate a pressure of 200 lbs. Can be supplied with galvanized steel or brass Knapsack tank or may be used in connection with a bucket. Equipment includes 4 nozzles of special design for variety spraying. Uses—For the spraying of trees, shrubs, vines, field crops, for handling whitewash and disinfectants, washing automobiles, windows, fire fighting and other purposes.

Auto-Spray No. 5, pump nozzle hose and strainer—Postpaid .......... $5.50
Galvanized knapsack, 3 1/2 gals .......... $3.75 postpaid
Brass knapsack, 3 1/2 gals .......... $6.75 postpaid

**Auto-Spray No. 26**

A continuous atomizer of unusual merits. The container can be detached for refilling and cleaned by simply unscrewing from the pump cylinder. The syphon tube is easily removed and quickly cleaned by removing the nozzle. Uses—For spraying garden crops, for use in greenhouses, for handling disinfectants and fly oils. It can be used with all spraying solutions.

Auto-Spray No. 26-A, all tin, 1 qt. ... $1.00 postpaid
Auto-Spray No. 26-C, all brass, 1 qt. $1.60 postpaid

**Duster Brown No. 2**

A very practical duster of new design. It is especially adaptable for use in applying insect powders. It is simply constructed and works on a new principle recently discovered. The extension is of sufficient length to enable the operator to spray ordinary field crops without bending over. Uses—For spraying field crops, shrubs, vines, poultry houses, for removing wall paper, disinfecting, whitewashing, creosoting shingles, applying floor oils and for general purposes.

Duster Brown No. 2-B, pint .......... $1.15 postpaid
Duster Brown No. 2-C, quart .......... $1.40 postpaid

**Brown's Auto Spray No. 50**

This sturdy little machine is almost identical to Aut Spray No. 9 in construction and manipulation, but has half the capacity, holding about two gallons. It is particularly recommended for use where weight is a factor.

No. 50D—Galvanized, $5.50 postpaid within 2nd zone.
No. 50B—Brass, $7.25 postpaid within 2nd zone.

Whirlwind Sprayer

On quart tin atomizer. A very satisfactory machine for handling disinfectants, insecticides, and fly oils. The pump of the sprayer is fitted with a leather cup treated with oil which should last for more than one season. The cone on the end of the pump going through the tank of this sprayer makes same a very durable article. 60c each: Postpaid.

**Auto-Spray No. 6**

A powerful bucket pump which easily generates a pressure of 200 pounds per square inch. It is double acting producing a continuous spray. Made of brass, equipped with a brass suction strainer as well as a strainer in the nozzle. The pump is equipped with a foot rest 16 inches high enabling the operator to use almost any bucket or container. This is an advantage, as it does not necessitate the use of a special bucket. So constructed that it may be taken apart and reassembled without the use of tools of any kind.

The Auto-Spray No. 6 is regularly equipped with four nozzles of special design for variety spraying. The same as furnished with the Auto-Spray No. 5.

Uses—For spraying field crops, shrubs, vines, poultry houses, for removing wall paper, disinfecting, whitewashing, creosoting shingles, applying floor oils and for general purposes.

Auto-Spray No. 6, complete, $5.50 postpaid.

**Brown's Bucket Pump No. 60**

BROWN'S BUCKET PUMP No. 60—A high powered bucket pump. $5.50 postpaid, within 2nd zone.

BROWN'S No. 3G WHEELBARROW SPRAYER—Compressed air tank. Capacity 15 gallons. Galvanized steel. Adaptable for white-washing, tree and garden spraying. $35.00. F.O.B.

**Brown's Auto Spray No. 9**

Strong, simple compressed air sprayer of modern construction. Equipped with a brass screw cap. The metal in the tank is lock seamed, well-riveted, soldered inside and out. May be obtained with brass orgalvanized tank. Brass tank is strongly recommended as it will not corrode. Capacity 3 1/2 gallons, height 2 feet, diameter 7 inches, weight empty, 9 pounds.

AUTO-S'RAY No. 9—Galvanized tank. $6.50 postpaid, within 2nd zone.

AUTO-SPRAY No. 9B—Brass tank. $7.25 postpaid within 2nd zone.
### Insecticides and Fungicides

**FOR ALL PESTS AND FUNGUS DISEASES**

Insecticides should be sent by express or freight. Those that may be sent by Parcel Post are marked mailable; please add postage when ordering, except where postpaid prices are given. Others are F.O.B. San Francisco, Cal., and prices subject to change without notice.

**WHALE OIL SOAP**
- 1-oz. bottle, $2.00 postpaid.
- 10-lb. can, $13.50, 10 lbs. $2.50, postpaid; 40 lbs. $2.00.

**“BLACK LEAF 40”—Tobacco Extract**
- The most valuable as a spray on trees and bushes against aphids and thrip. Dilute 1 to 50, and use with 1 pound whole oil soap to 50 gallons.
- 1-oz. bottle will make 6 gallons of prays. 35c; 1/2 lb. can, $1.25; 2-lb. can $3.50; 10-lb. can, $13.50, to 50 gal.

**SLUG SHOT**
- A fine powder for destroying cabbages, worms, slugs, and caterpillars. 1-lb. carton with perforated top for applying. 35c; 5-lb. package, $1.25; 10-lb. package, $2.00.

**DY-SECT** dilute thirty times and more, so that you get greater effectiveness at a smaller cost per gallon sprayed on the flowers and plants it saves from your insect enemies.
- Gallon price $6.00
- Half Gallon price $3.25
- Quart price $1.00 postpaid. Pint price $1.15 postpaid.

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LILIES—Lilies succeed best in partial shade and require a loose soil with good drainage. The bulbs of the following varieties should be planted twice their own depth and about one foot apart. Water only lightly until they are well rooted, but liberally when they are about to bloom.

**Easter Lily**, *Lilium Longiflorum “Giganteum”*

This type produces the most beautiful white flowers of large size, perfect form and of superior substance; the stems marked kind of black. The flowers will be opened little later than “Formosum” but it is the highly sort for EASTER forcing. First size bulbs, (50c. each) (3 for $1.30) postpaid.

**AURATUM**—The grandest of all hardy lilies, with large graceful flowers of a delicate ivory white color thickly studded with chocolate crimson spots, and a bright golden band through the center of each petal. First size bulbs, (50c. each) (3 for $1.30) postpaid.

**HENRYII (The Yellow Speciosum)**—The flowers are a rich apricot-yellow with a few brown spots; grows 3 to 5 feet high; very hardy and free flowering. Large bulbs, (40c. each) (3 for $1.10) postpaid.

**REGALE**—A new lily of vigorous growth, 3 to 5 feet high, bearing one to several handsome white fragrant flowers, slightly shaded pink outside and the lower inner surface primrose-yellow; quite hardy. First size bulbs, (55c. each) (3 for $1.50) postpaid.

**SPECIOSUM RUBRUM**—White, shaded rose and spotted deep red. First size bulbs, (35c. each) (3 for $1.00) postpaid.

**SPECIOSUM MAGNIFICUM**—This variety is similar to the Rubrum but is a deeper crimson. (35c. each) (3 for $1.00) postpaid.

**TIGRINUM (Tiger Lily)** Orange, spotted black. First size, (35c. each) (3 for $1.00) postpaid.

**SPECIAL POSTPAID OFFER**

Extra, Select Bulbs, one each of the seven popular garden Lilies listed above, for only $2.70; 3 of each for $87.30, postpaid.

**PETASITES, JAPANESE RHUBARB**

Plant each 25c., 5 for $1.00 postpaid.
CHINESE CABBAGE

"Peking" genuine Pe-Tsai (北京白菜)

(Registered Brand)

The grand variety of Pe-Tsai strain of Chinese Cabbage grows as much mammoth size as 15 to 20 inches tall, 10 to 12 inches in diameter and weighing up to 15 pounds a head in maturity. The crown is not so solid as Wong-Bok strain, but grow narrow and larger head.

The interior blanches creamy-white, crisp and delicious, and of that desirable rich celery flavor. It produces successfully throughout the year and is considered one of the best late fall and winter Pe-Tsai. It is a good keeper and shipper and its attractive appearance and fine quality make it one of the best sellers. We can say without exaggeration that this is the finest Pe-Tsai in existence to day. Whether for medium early, main crop, or late use, it has no equal, and is so finely bred and so true to type that in a field of several acres every head appears alike. (Pkt. 10c.) (Oz. 50c.) (4 Ozs. $1.50) (lb. $5.00; (2 lbs. $8.00) postpaid. This seed is grown in our Paotingfu Farm in Chili, China.

Why Not Feed Your Poultry Chinese Cabbage "Peking" Genuine Pe-Tsai

Green Feed Without Discoloring The Yolks

The wonderful Green Feed for Poultry from China which has been known to yield 3 tons in a space 40x60 feet with one half ounce of seed.

You can’t beat this for Cheap Green Feed. A half pound of this seed will furnish enough green to feed about 1,000 hens for 4 months and 3 pounds to an acre for 6,000 hens for 4 months.

The culture of this Chinese Cabbage "Peking" genuine Pe-Tsai is similar to that for spinach, lettuce or swiss chard. Transplant is not required. Sow seed in open ground any time after frost is over (except early spring) for main crop in July to September, in rows a quarter inch deep and 24 inches apart each way, allowing about 2 inches between the seeds. Cultivate and irrigate ground well. Do Not Allow Ground To Dry Out.

Commence feeding "Peking" genuine Pe-Tsai, when plants are about 4 inches high by pulling out and feeding alternate plants. Continue thinning until plants are about one foot apart. These should make heads of five to seven pounds in 60 days and may be fed immediately or allow to stay in the ground until so late as January in most Pacific coast localities. These heads may be fed whole as they are very tender and 100 per cent edible. Chopping is not required even for young chicks.

Our Chinese Cabbage "Peking" Genuine Pe-Tsai and "Paoting" genuine Wong-Bok are registered brand varieties and are grown in our Paotingfu farm in Chili, China under our personal supervision and you may depend upon this imported seed of high germination, pure and respectively true to name.