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HALLAWELL'S • 1943

6709
(Rose, Sonata)

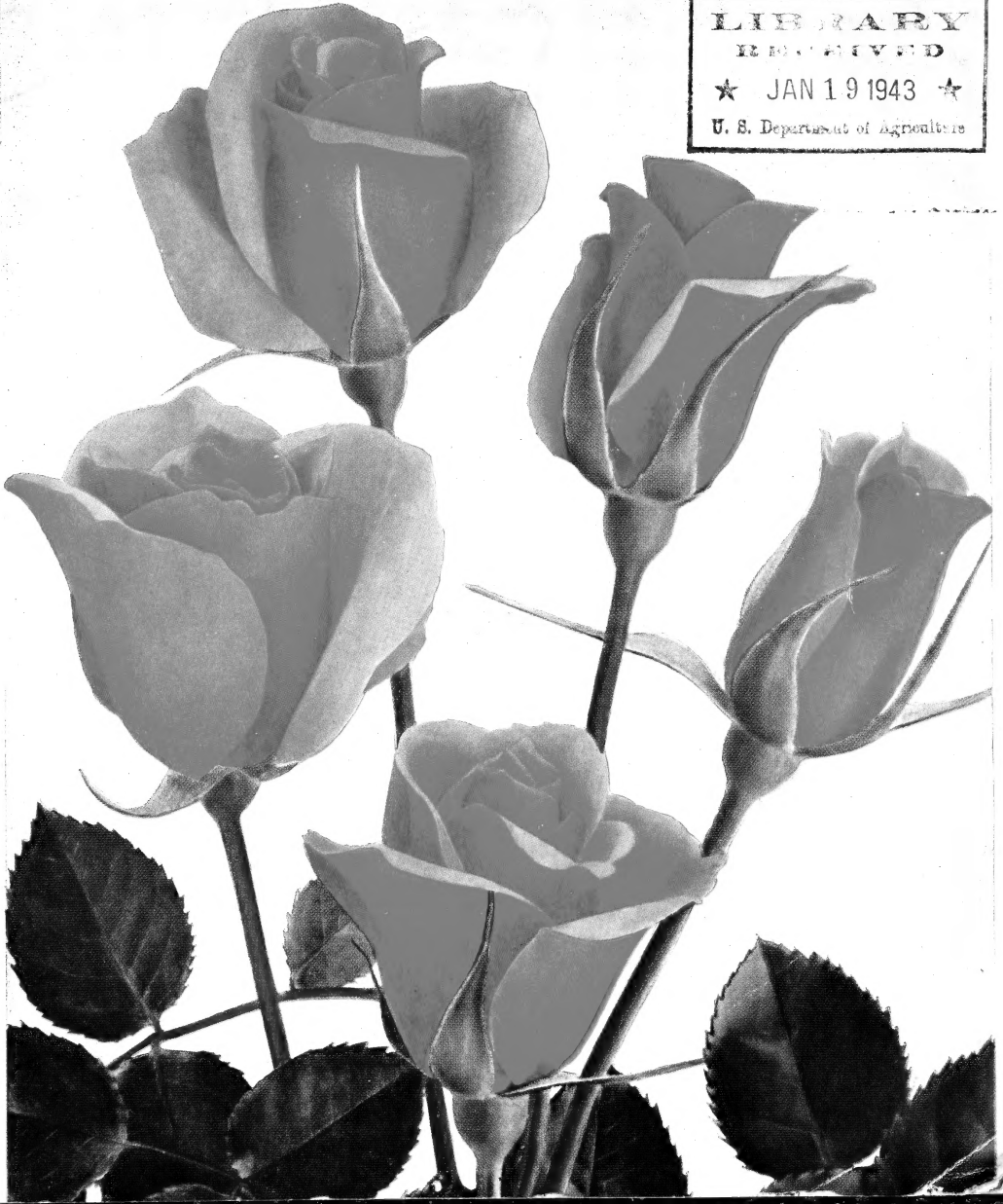
SAN FRANCISCO

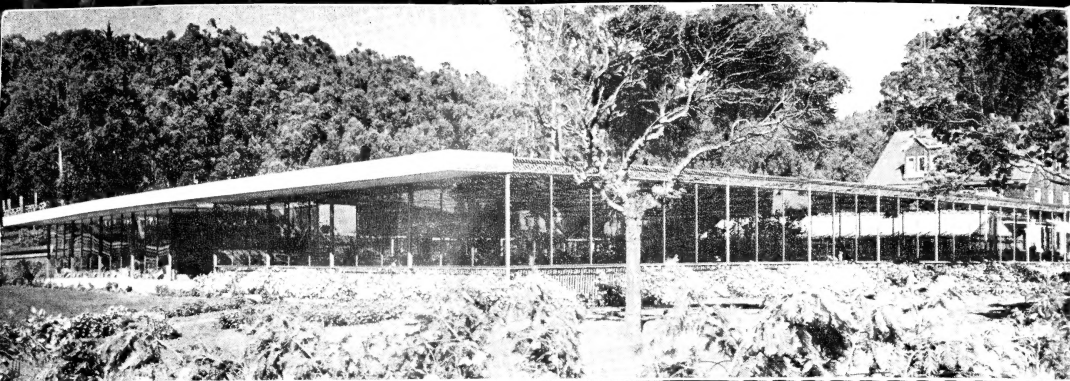
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★ JAN 19 1943 ★

U. S. Department of Agriculture





HALLAWELL'S NEW MODERN NURSERY GARDENS

We are proud to present this addition to our establishment, designed by RAPHAEL S. SORIANO, well-known California architect.

A complete garden store, streamlined for quick, efficient shopping, filled with every available gardening need.

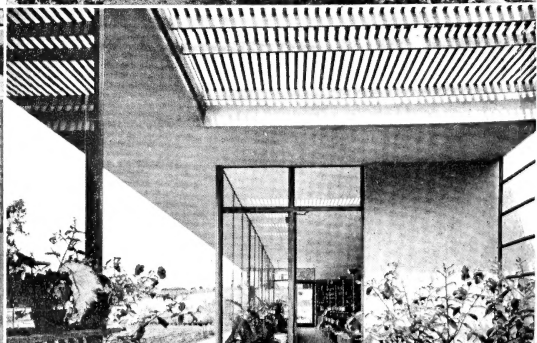
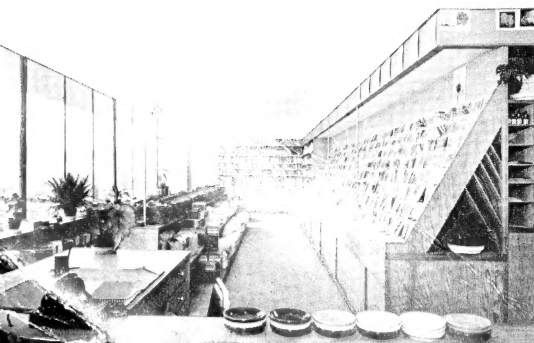
The blue glass lath house, first of its kind, which serves as a windbreak and softens the light, sheltering choice shrubs and flowering plants.

The patio, flanked by unique storage tables which also serve as a windbreak and effectively display seasonal plants in flats, pots and hanging baskets.

The gardens, while not yet completed, include a Victory Vegetable Garden, roses, various types of lawns and many other plantings, everything plainly marked and labelled for your convenience.

From February to June the gardens are a blaze of color with tulips, daffodils and other flowers in bloom.

The location, 19th Avenue at Sloat Boulevard, in the heart of San Francisco, is easily reached from any part of the Bay Area and is open every day, including Sundays. Visitors are always welcome.



HALLAWELL SEED COMPANY

SAN FRANCISCO SEEDSMEN & NURSERYMEN

Specializing in the finest quality Vegetable and Flower Seeds, Plants, Bulbs and Garden Supplies

*On the Home Front, Gardens have a practical work to perform, to produce food,
to renew energy, to maintain morale*

YOUR SHOPPING MADE EASY AT HALLAWELL'S . . .

DOWNTOWN STORE & OFFICES — 256 Market Street, San Francisco.

PHONE: SUTTER 6593 — Ask for Order Department. Quick, efficient service by trained, well-informed personnel.

BY MAIL: USE THIS CATALOG — List your wants on the enclosed order blank and mail to our Offices, 256 Market Street.

OUR MODERN NURSERY GARDENS — 19th Avenue at Sloat Boulevard, San Francisco (illustrated on page opposite). Ample parking space inside grounds; accessible to car and bus lines. Open week-days and Sundays.

MAIL ORDER INFORMATION

PLEASE ADDRESS ALL CORRESPONDENCE TO 256 MARKET STREET, SAN FRANCISCO

In United States and Possessions—We pay postage on all flower seeds and on vegetable seeds priced at \$1.00 per pound or more.

Foreign—We pay postage on all flower seeds, and on vegetable seeds priced \$5.00 per pound or more. Extra transit charges should be included in remittance. In countries requiring Horticultural Certificates or Consular invoices, include 50c on orders for less than \$5.00.

Garden Supplies—Consult parcel post rates table for amount to send for postage on spray materials, fertilizers, and other garden supplies.

Prices—Prices in this catalog cancel all previous quotations, and are subject to change without notice.

Sales Tax—California customers please add 3% sales tax

PARCEL POST RATES (Approximate) from San Francisco (The 8th zone includes U. S. Possessions)

Zone	Distance	1st		Each Additional
		Pound		
1st	Within 50 Miles	\$0.08		1c
2nd	50-150 "		.08	1c
3rd	150-300 "		.09	2c
4th	300-600 "		.10	4c
5th	600-1000 "		.11	6c
6th	1000-1400 "		.12	7c
7th	1400-1800 "		.14	9c
8th	Over 1800 "		.15	11c

NON-WARRANTY—While the greatest care is exercised to have all seeds and plants of good quality and true-name, the Hallawell Seed Company gives no warranty, express or implied, as to the description, purity, productiveness, or any other matter of any seeds, bulbs, or plants they send out, and will be in no way responsible for the crop.

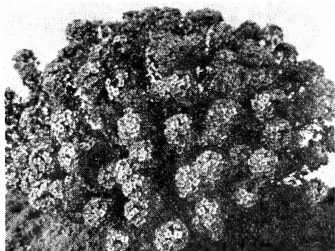
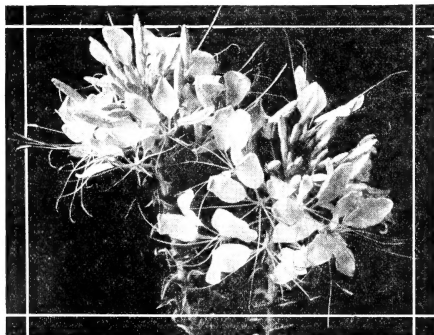
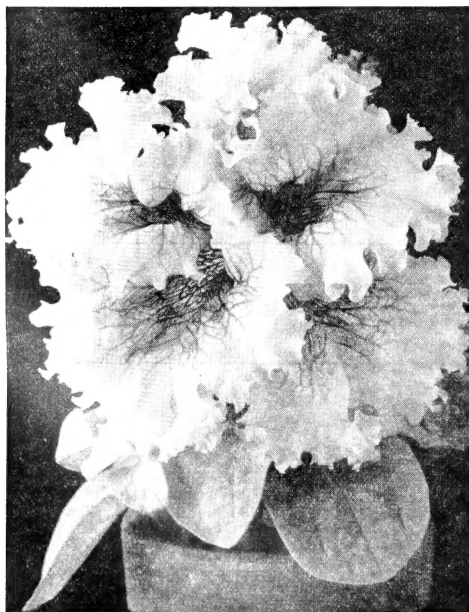
Front Cover Illustration

SONATA — New 1943 Rose

One of the Leaders in the Parade of Modern Roses for 1943. SONATA is a beautiful flamboyant red in Spring and Fall, in Summer it lightens to unusual tones of deep pink. Outside of petals several shades darker than inside, making a charming contrast. The foliage is abundant and of very dark green; a perfect background for the large fragrant blooms which open gradually from long, streamline buds of intense red.

Patent Applied For

\$1.50 each, 3 or more \$1.25 each

HALLAWELL'S NOVELTIES*Alyssum, Violet Queen**Cleome, Giant Pink Queen**Petunia, Giant Midget***ALYSSUM**

Hallawell's Special Violet Queen—One of the most satisfying things about a home garden is that you can always find a spot to try out something new or unfamiliar. One of the newer items is Hallawell's Violet Queen—you will like it. Plants are dwarf, color is rich violet. Our own special strain. (Pkt. 25c) (1/8 oz. 40c)

ASTER, Princess

One of the most popular recent introductions. Medium sized flowers with crested centers produced on long stems for cutting.

Princess Anne—Peach blossoms pink. (Pkt. 25c)

Princess Bonnie—Soft salmon rose. (Pkt. 25c)

Princess Marsha—Rich scarlet. (Pkt. 25c)

CLEOME

Hallawell's Giant Pink Queen—The favorite old spider flower glorified, and a beauty too. The tremendous flower heads are bright salmon pink and are produced in abundance on plants, averaging 3 feet in height. It is an excellent plant for mass effects or for interspersing in the border. It was an All-America Silver Medal winner in 1942. (Pkt. 25c) (1/8 oz. 75c)

LILIUM

Longiflorum Snowdrift—A newly introduced strain from Australia. It produces a great numbers of flowers, many of them 7 inches in diameter and with a slight magnolia fragrance. Height is from 4 to 6 feet. For other varieties of lily seeds see flower seed listings. (Pkt. 50c) (3 pkts. \$1.25)

LUPIN

Yellow Queen (New)—Fragrant flowers of clear yellow on graceful slender spikes. It grows about 2 feet tall and has nice decorative foliage. (Pkt. 25c)

NIEREMBERGIA

Hallawell's Purple Robe—One of our finest California introductions. You will never know how beautiful and useful it is until you try it in your own garden. Grows 6 inches tall, has a spread of 10 inches and is a half hardy perennial which blooms in about 15 weeks from seeding. (Pkt. 50c) (Large pkt. \$1.25)

PANSY

Hallawell's American Giants—For color, size and texture, these pansies surpassed all others in our trials the past 2 years. They have everything considered desirable in pansies, and properly grown they will produce fine flowers on good stems. One packet only to a customer this year. (Pkt. \$1.00)

Hallawell's Jumbo—Extra size, splendid form and delightful color combinations. A tried and proven strain of exceptional pansies. (Pkt. 50c) (Large pkt. \$1.25)

PETUNIA

Glamour—Honorable Mention in the 1942 All America Selections. One of the most striking petunias in the field trials this year. Outstanding in its coloring, *Glamour* is a beautiful shade of salmon rose, delicately veined brown in the creamy open shallow throat. Flowers 5 to 6 inches in diameter, heavily ruffled, producing freely on strong growing plants about 1 1/2 to 2 feet when fully grown. They begin blooming while the plants are small and the first flowers are so large, much of the foliage is hidden. (Pkt. 50c) (Large pkt. \$1.25)

AND SPECIALTIES

PETUNIA

Hallawell's Giant Midget—Another pot plant for your patio. Huge flowers on small plants, suitable for window boxes, pot plants, or for garden beds. The flowers are ruffled and fringed. Light and dark shades assorted. (Pkt. 50c) (Large pkt. \$1.25)

ICELAND POPPY

Hallawell's Pastel Tints—Among all the Iceland Poppies in our gardens this one was a favorite this year. Exquisite in the garden or in flower arrangements. (Pkt. 35c) ($\frac{1}{8}$ oz. \$1.00)

PRIMULA MALACOIDES

Salmon Queen—This new large flowered Malacoides is proving very popular. It is as hardy as the old lilac and True Rose types and blooms through the late winter and very early Spring season. (Pkt. 35c) (Large Pkt. 85c)

SNAIL VINE

A shade vine growing 20 foot runners and bearing curiously coiled and twisted flowers resembling a snail shell. They are light purple to yellowish white and are both ornamental and interesting. (Pkt. of 3 seeds 15c)

SNAPDRAGON

Hallawell's Super Majestic Mixed—Every year the plantings of these remarkable snapdragons are increased. Average height is about 2 feet with long graceful flower spikes in gorgeous colors. Plants are strong growers and thrive in the sun. Mixture. (Pkt. 25c) ($\frac{1}{8}$ oz. 60c)

(See Antirrhinum, Hallawell's Super Majestic for list of separate colors.)

STOCKS

Super Giant Imperial—This strain of Stocks has been selected for base branching and for producing plants with a greater number of long stemmed branches for cutting. It is a distinct improvement in Stocks. (Pkt. 25c) ($\frac{1}{8}$ oz. \$1.00)

SWEET PEAS

Hallawell's Ruffled Spencer Mixed—These outstanding sweet peas are not only ruffled, they are waved and frilled with an occasional fifth petal which gives them the appearance of being double. The flowers are very large and the stems long; the first ones may produce as many as five flowers on a stem. For best results cut them daily. (Pkt. 15c) (oz. 50c)

TIGRIDIA

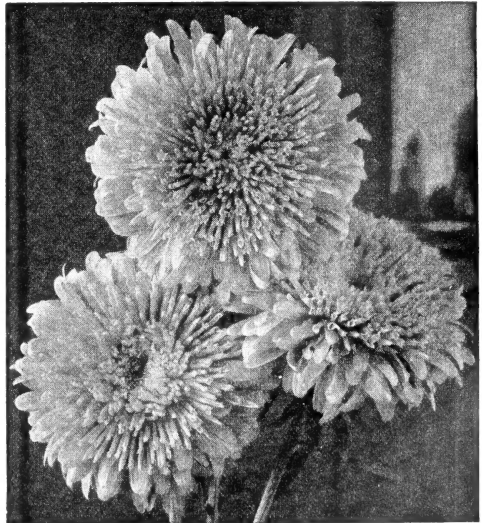
Hallawell's Hybrids—Sensational in color and form—grown quickly from seeds. They thrive in the Bay Area climate and will also withstand the heat of inland valleys. The flowering season is from July to November. A planting at our Nursery-Gardens excited so much interest we felt impelled to list it in our Specialties. (Pkt. 35c)



Iceland Poppy, Pastel Tints

VERBENA

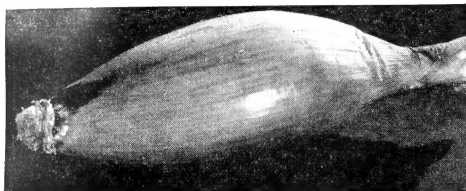
Bipinnatifida (perennial)—A new form of hardy verbena growing fern-like foliage 18 inches high. Lavender-blue flowers are produced in clusters on plants which spread about 2 feet. It blooms from June to November, and is a very interesting addition to the verbena family. (Pkt. 25c)



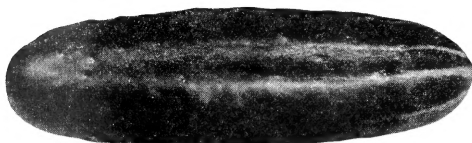
Aster, Princess Type

"VICTORY GARDENS FOR HOME FOOD PRODUCTION"

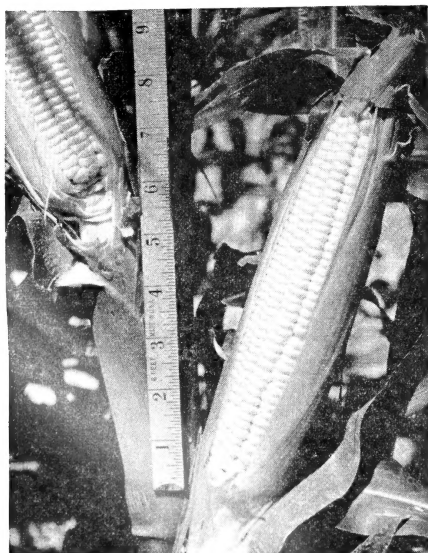
The year 1943 must be made far more productive to feed our armed forces, our Allies, and to conserve the health of our civilian population. Victory gardens for home food production and home preservation will supplement the shortages created by lack of farm labor, transportation problems, and make important foods available.

HALLAWELL'S SPECIALTY VEGETABLES

Onion, Torpedo



Cucumber, Hallawell's Slicer



Corn, Golden Cross Bantam

CORN

Golden Cross Bantam—This is a hybrid corn of high quality for roasting ears. It is produced only from crossed seed obtained by controlled cross-pollination of two in-bred lines. The yield and quality of this corn has been proved highly satisfactory and we think it is worthy of special mention in our Specialty Pages.

Hallawell's Idaho Grown Seed. (Pkt. 15c) (1/2 lb. 40c) (lb. 70c)

CUCUMBER

Hallawell's Slicer—In every respect this is one of the most desirable slicing cucumbers. It is good size, excellent color and very prolific. For home garden or for market we believe it is the best on the market. (Pkt. 15c) (1/2 oz. 40c) (oz. 75c)

LETTUCE

Hallawell's 847 (new strain Los Angeles)—This is a heat resistant strain and it will head very well even under unfavorable conditions. It should be remembered, however, that lettuce is a cool weather crop if best results are to be obtained. The summer climate in San Francisco is excellent for the production of good head lettuce and this lettuce will do exceptionally well. We recommend it also to Market Gardeners. (Pkt. 10c) (1/2 oz. 35c) (oz. 60c)

MUSKMELON

Salmon Cranshaw—Everyone who tastes this melon pronounces it "tops" in flavor; it is deliciously sweet. Melons are oblong and weigh from 5 to 7 pounds. They have a very small seed cavity and a luscious smooth, melting texture. It is a fine home garden or local market melon. (Pkt. 15c) (1/2 oz. 40c) (oz. 75c)

ONION

Torpedo (Long Red)—A sweet, mild onion, ideal for salads, slicing and for garnish. Is long oval-shaped, purplish red. One of our most popular home garden varieties but planted also by Market Gardeners for local market. For mature onions sow seeds in beds and transplant to rows. For mild green onions sow thick in the open ground. (Pkt. 15c) (1/2 oz. 60c) (oz. \$1.00)

SQUASH

Improved Gray Zucchini—This is the most prolific squash of any of the Marrows. It is smaller, perhaps that is the reason, but at any rate, it produces in great number and early, too. Planted in warm weather it will bear edible size squash in 6 to 7 weeks, and if kept picked will continue indefinitely. (Pkt. 10c) (oz. 60c)

TOMATO

Hallawell's Improved Pearson—This tomato is destined to become one of the most popular shipping and canning varieties. Reports from many sources this year induced us to list it among the very worth while specialties in our Specialty Pages. The fruit is scarlet, globe shaped, slightly flattened, and of medium size. We recommend it for the home garden as well. (Pkt. 15c) (1/2 oz. 50c) (oz. 85c)

HALLAWELL'S VEGETABLE SEEDS

FINEST CALIFORNIA STRAINS FOR HOME OR MARKET

ALL VEGETABLE SEED PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

MARKET GARDENERS ASK FOR QUANTITY PRICES

ARTICHOKE

Sow any time the weather is favorable, preferably in March or April. Transplant when 6 inches high in rows 5 feet apart, and 4 feet between the plants. Save offsets from best plants for new supply as artichokes never come true from seed, some will prove inferior. When transplanting seedlings reject those with spiniest leaves.

LARGE GREEN GLOBE—(Pkt. 25c)

ASPARAGUS

Sow the seed early in spring in drills 2 feet apart, and when well started thin out to 3 inches apart. When one or two years old transplant into permanent beds, thoroughly trenched, 2 feet or more in depth. Set the plants in rows 4 feet apart, and 1 foot apart in the row. Care should be taken that roots are well spread, and set at a depth of 6 inches below the level of the bed. Cover only 2 or 3 inches, and fill in gradually as the plants grow. Very little, if any, should be cut the first year after transplanting, but a fair crop can be cut the second year. Every fall after the tops have been cut down apply a dressing of coarse manure, and in the spring fork it in. One ounce will sow 100 feet of row.

PARADISE—The principal merit of this variety is its heavy production of fine quality tips. It is early, too, and will produce a good crop one year from planting the roots, or 2 years from seed. (Pkt. 10c) (oz. 50c) (¼ lb. \$1.75)

SWISS CHARD

Used for greens; the leaf stalks are cooked as Asparagus. Culture the same as for beets.

IMPROVED SILVER—Large dark green leaves with white midrib. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

GIANT LUCULLUS—Large crumpled leaves with thick light-colored mid-ribs which are delicious when cooked and served like Asparagus, while the leafy parts make excellent "greens." (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

MANGEL 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 larger amount of good feed than any other beet. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

SUGAR BEET—Wilt resistant strain. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

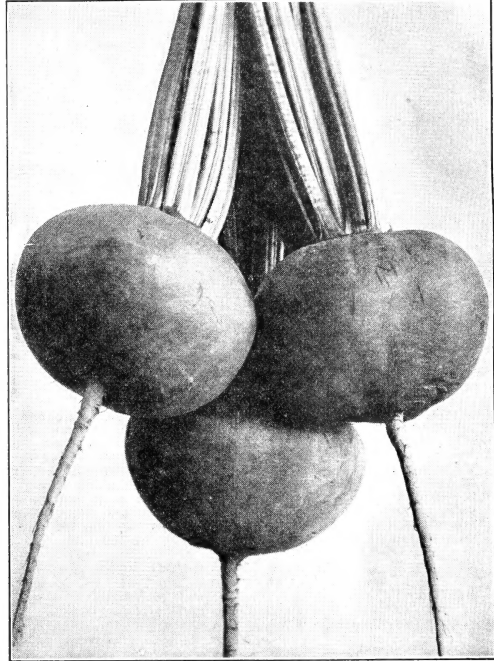
BROCCOLI

Broccoli is a very late hardy Cauliflower. Sow the seed ½ inch deep and transplant to rows 2½ feet apart and 1½ feet part in the row. Cultivate the same as Cabbage.

ITALIAN GREEN SPROUTING—The heads or curds branch and are broken off and cooked like Asparagus. (Pkt. 15c) (½ oz. 50c)

BRUSSELS SPROUTS

Sow and cultivate same as Cabbage and set the plants in rows 2½ feet apart and 2 feet apart in the rows. One ounce will produce about 2,000 plants and will mature in about 150 days. Grows 20 inches high and is well covered with small sprouts which are very solid and excellent in flavor. (Pkt. 15c) (¼ oz. 60c)



Beet, Crosby's Egyptian

BEETS

Market Gardeners please ask for quantity prices.

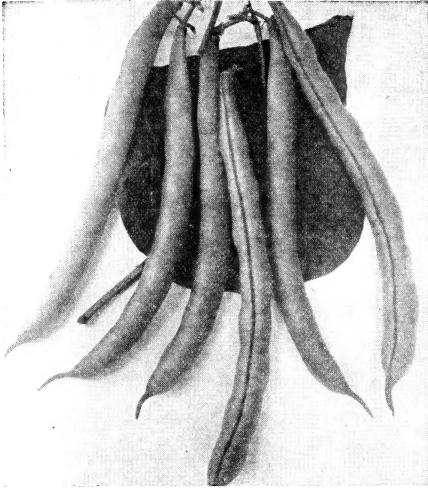
Beets may be planted the year round and at intervals to keep the supply young and tender. Sow one ounce in about 50 feet of row. Cover one inch and firm the soil to the seed. During the thinning the small beets may be cooked with the tops on. These are very good greens rich with vitamins.

CROSBY'S EGYPTIAN—A standard early variety with good tops and extremely tender beets when young. Color is rich purplish red. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

DETROIT DARK RED—A large 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. 35c) (¼ lb. \$1.00)

EARLY WONDER—Globe-shaped and very uniform in size, skin smooth. Flesh deep blood-red. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

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. 35c) (¼ lb. \$1.00)



Bean, Kentucky Wonder

BEANS

Postpaid within the U. S. A.

Beans should not be planted until April 15th, or until all danger from frost is over, and for a continuous supply may be planted every two weeks until August. A warm, well drained, sandy loam is best suited. Plant the bush varieties in rows 2 feet apart and 4 inches apart in the row. Plant pole beans in hills. Set the poles about 4 feet apart each way and plant 5 to 6 beans around each pole. Cover the seeds from 1½ to 2 inches deep. One pound of the bush varieties will plant 50 feet of row. One pound of the pole varieties will plant 100 hills.

DWARF GREEN POD

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

BOUNTIFUL—An early, hardy and productive variety. Bearing thick, flat, light green pods of fine quality.

DWARF HORTICULTURAL (Italian Bush Bean)—Green beans in 53 days, and mature for green shelling in 60 days. Pods are dark green and stringless at the snap stage, becoming splashed with carmine later.

STRINGLESS GREEN POD—One of the earliest varieties. Pods round, long and quite stringless, very crisp and tender.

BROAD WINDSOR, LONG POD (Fava)—A fine variety for shelling when green. Pods are very long and the beans green and tender; endures frost.

FRENCH STRING BEAN—Matures very early. Pods long, round, straight and of excellent quality.

EDIBLE SOYBEAN—This new edible soybean is very prolific and most desirable as a green shell bean. They have a smooth, pleasing flavor unlike any other bean at the green shelling stage. Plants are erect, 1½ feet, high and will bear edible size beans in about 90 days. (Pkt. 10c) (½ lb. 35c) (lb. 60c)

DWARF WAX POD

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

PENCIL POD WAX—A leading wax bean for home and market gardens. Very productive; pods round, fleshy and golden-yellow. Entirely stringless, without fibre and a fine brittle snap.

IMPROVED GOLDEN WAX—The golden yellow pods average 5 inches long; brittle and entirely stringless.

POLE BEANS

YARD LONG—(Asparagus Bean). A good table sort as well as a curious one. Pods are slender, oval, light green and tender if used when young. Used also for cover crop in small garden plots where heavy soil needs organic. (Pkt. 15c) (½ lb. 40c)

POLE BEANS

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

HORTICULTURAL (Italian Pole Bean)—Popular variety producing thick, straight and stringless pods in 70 days for snap beans; fine for green shell beans when more mature. Pods are green, becoming streaked with red in latter stage.

KENTUCKY WONDER—The most popular pole bean in cultivation. The medium sized, silvery green pods hang in great clusters from top to bottom of pole. Quite stringless.

KENTUCKY WONDER WAX—An exceedingly productive variety, bearing a large quantity of rich golden yellow pods which are thick, stringless and very tender.

OREGON GIANT—An early variety; pods 8 inches long flat but fleshy and stringless. Pods are light green, mottled with purple, but this coloring disappears after cooking.

SCARLET RUNNER—A great favorite; both ornamental and useful; producing dazzling scarlet flowers during the summer months.

LIMA BEANS

Limas are very sensitive to cold and overmoist ground and should not be planted until May, when the soil is warm. Stick the seed edgewise with the eye down into the soil, covering 1½ to 2 inches deep. See that the ground is moist so that the beans will not require any watering until the seeds have sprouted, otherwise they may rot. Sow the bush varieties in rows 2½ feet apart and 6 inches in the row. Plant the pole beans 4 feet apart in hills and set a pole firmly in each hill. Plant 5 or 6 beans in a hill. Plant in a rich, mellow soil and cultivate frequently. One pound of the bush varieties will plant 50 feet of row and 1 pound of the pole varieties will plant 75 hills.

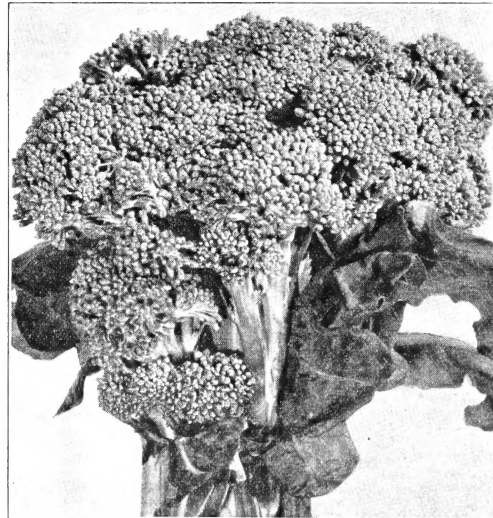
BUSH

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

BURPEE'S IMPROVED BUSH LIMA—Plants uniformly dwarf and enormously productive. Pods large, containing 4 to 6 large thick beans of superior quality.

POLE

KING OF THE GARDEN—A vigorous and productive sort, pods very long, each containing 5 to 6 large beans of delicious flavor.



Broccoli, Italian Green Sprouting

(See page 5)



Cabbage, Copenhagen Market

CABBAGE

Market Gardeners ask for quantity prices

The food value of cabbage compares favorably with asparagus, beet greens, chard, spinach, tomatoes and eggplant but is slightly lower in value than beets, carrots and onions. (U. S. D. A. circular 252.)

Cabbage is a cool season plant, therefore, seeds of the large heading or late varieties are best sown July to November for winter growing and the small heading or early varieties from January to March.

Start the seeds in open beds, preferably in rows for easy weeding. A pound of seed should produce about 20,000 plants which is ample for transplanting 2 acres.

Set early varieties about 18 inches apart in the rows and large, late varieties about 24 inches. Have the rows far enough apart to permit cultivation.

EARLY VARIETIES

ALL SEASONS—This variety will stand the hot dry weather remarkably well and produce a splendid quality. It is a good general purpose cabbage, a good winter keeper, and excellent for kraut. The heads are large, usually about 10 inches in diameter and 7 to 8 inches deep. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

COPENHAGEN MARKET—An 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) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

EARLY JERSEY WAKEFIELD—One of the best and most popular early varieties. Forms round, pointed heads of good size. Is very hardy and on account of its thick outside leaves is able to resist cold and other unfavorable conditions to a great extent. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

GOLDEN ACRE—The earliest round-headed cabbage. Plants are compact and form solid heads weighing 3 to 5 pounds. Heads should be ready for use 62 to 64 days after transplanting. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

SAVOY CABBAGE

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) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

SECOND EARLY VARIETIES

EARLY DWARF FLAT DUTCH—Matures early and makes a large, solid, flat head with short stems. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

GLORY OF ENKHUIZEN—One of the finest second early varieties and a favorite among market gardeners. Heads are large and round; 8 to 9 inches in diameter and average 6 to 8 lbs. each. Home gardeners desiring a large variety will find this one the most satisfactory. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

WINTER VARIETIES

MARION MARKET—This cabbage is particularly desirable because it is highly resistant to cabbage diseases and insect pests. It has been known to produce a normal crop on yellows-infected soil, where all others failed. This should be of particular interest to some market gardeners. Heads are round and average about 4½ lbs. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

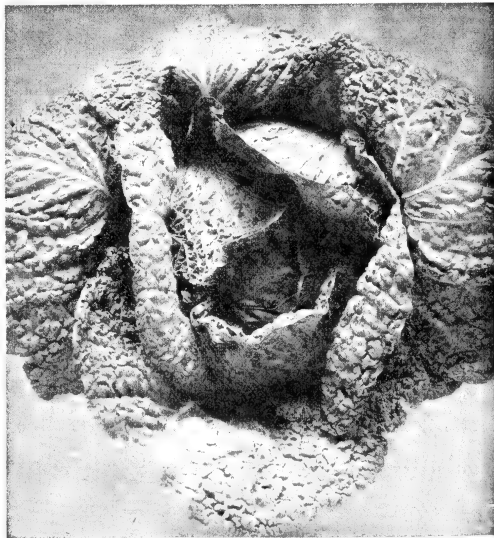
LARGE FLAT DUTCH—The best late variety in cultivation; large, round, flat, solid heads of perfect shape. Less inclined to burst than many varieties in use; rich, deep green color; tender and of fine quality. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

RED CABBAGE

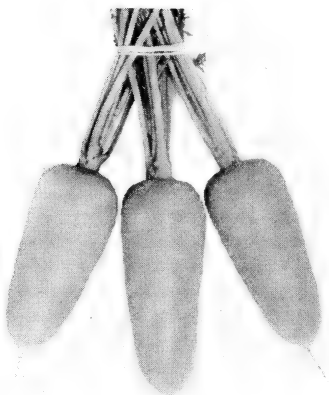
MAMMOTH RED ROCK—Best hard-headed, red variety. Large heads, globular and very deep red on top. Outer leaves greenish. Especially used for pickling. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)

CHINESE CABBAGE

CHINESE CABBAGE, WONG BOK, ALSO CALLED CELERY CABBAGE—It has wide mid-ribs at the base merging into crisp, tender leaves at the top. Excellent for use as salad or when boiled for greens. The culture for Wong Bok is the same as for late cabbage. When well grown the plants should be blanched by tying loosely with burlap. Set the plants 1 foot apart in the row. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.85)



Cabbage, American Drumhead Savoy

*Carrot, Chantenay***CARROTS**

The carrot is one of our most important vegetables; from a dietetic standpoint it is particularly desirable for children as it is a rich source of vitamins A, B, and C. Also its yellow coloring matter known as Carotin is very beneficial to health.

For garden purposes carrots may be sown any time. Sow the seed $\frac{1}{4}$ inch deep in loose, well prepared soil, preferably sandy, making rows 18 inches apart. Cultivate as soon as the plants are well established and thin to 2 or 4 inches in the row according to the size of the variety. One ounce will sow over 100 feet of row.

CHANTENAY (Red Cored)—An excellent early, half long stump-rooted variety; 5 or 6 inches long and about 3 inches thick at the shoulder. Bright orange-scarlet, heavy cropper. (Pkt. 10c) ($\frac{1}{2}$ oz. 30c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

DANVERS HALF LONG—A rich orange-red sort, growing about 8 inches long. Largely used for table use and stock raising as well. Very productive; flesh sweet and crisp. (Pkt. 10c) ($\frac{1}{2}$ oz. 30c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

EARLY SCARLET HORN—This is a favorite for early crop, but not large; sold extensively in the markets bunched. The tops are small; roots top-shaped, stump-rooted, therefore easily pulled. Grows well in shallow soil. Color is a deep orange; flesh fine-grained. (Pkt. 10c) ($\frac{1}{2}$ oz. 30c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

OXHEART or GUERANDE—A popular short, thick variety about $4\frac{1}{2}$ inches long and $3\frac{1}{2}$ inches thick at the shoulder. A good variety for heavy or stiff soils; heavy cropper. (Pkt. 10c) ($\frac{1}{2}$ oz. 30c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

FRENCH FORCING—A small, round, reddish orange variety, crisp and sweet; the best of this class. (Pkt. 10c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

IMPROVED LONG ORANGE—The best long carrot in cultivation; especially recommended for market gardeners and field culture. It is a good reliable variety, always depended upon for its uniformity and large crop. Grows best in light, rich, well-dug soil. (Pkt. 10c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.75)

CELTUCE

A new vegetable introduced by an Eastern Seedsman. We quote from his description:

"When young the light green leaves may be used as lettuce or boiling greens. The outer skin is peeled from the stalk which may be eaten raw or cooked." (Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

CAULIFLOWER

Culture same as Cabbage. Soil must be rich and deep, and the plants liberally supplied with water in dry weather. As the flower heads appear, the large leaves should be broken down over them to protect them from the sun and rain. One ounce will produce about 1,500 plants and will mature in about 150 days. Sow from June to January.

EARLY SNOWBALL—The best and most popular early variety grown. It will make uniformly fine heads, even under adverse conditions. (Pkt. 25c) ($\frac{1}{4}$ oz. \$1.75) (oz. \$5.00)

COLLARDS

Sow the seed thickly in rows, in rich ground, transplanting when about 4 inches in height; or sow where the plants are to remain, and when well started thin to 2 or 3 feet apart.

TRUE GEORGIA—The well known popular variety. Grows from 4 to 5 feet high, and forms a very large, loose head. Leaves are tinged with purple. (Pkt. 10c) (oz. 20c) ($\frac{1}{4}$ lb. 50c) (lb. \$1.50)

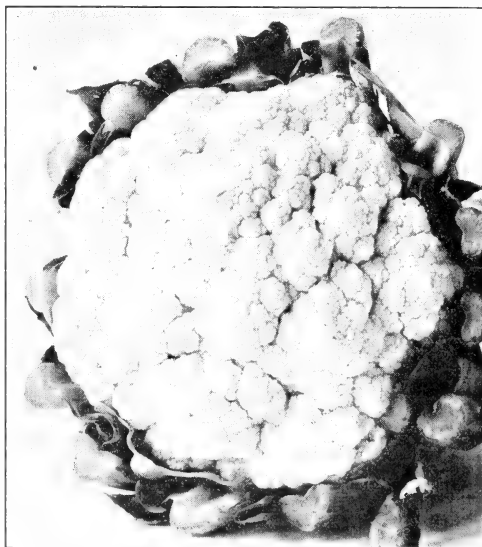
CHICORY

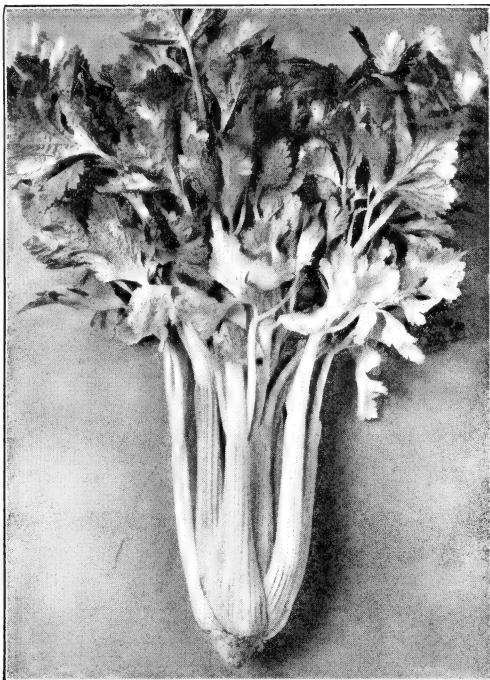
LARGE ROOTED—The young leaves are known as radicetta, and are excellent as salad; the roots are also used for cooking. Sow the seed $\frac{1}{2}$ inch deep early in the spring, thin the young plants to 6 inches in the row and keep well hoed. The plant spreads from the root and is perennial; will mature in 120 days. One ounce will sow 200 feet of row. (Pkt. 15c) (oz. 75c)

ASPARAGUS or RADICHELLI—Leaves are long and cut irregularly. Cultivated chiefly for the tender young shoots which are boiled in salt water and served hot, or cold in salads. The delicious flavor is suggestive of Asparagus. (Pkt. 15c) (oz. 75c)

CHIVES

A small perennial of the Onion family; readily propagated from seeds; leaves used in salads and for flavoring soups and stews. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c) (oz. \$2.00)

*Cauliflower, Early Snowball*



CELERY

If celery plants are grown in greenhouse or under sash, thin seeding will aid in the production of stocky plants; $\frac{1}{2}$ ounce of seed to 100 square feet of bed surface should be plenty.

Home gardeners may sow seeds in a flat and transplant to other trays about 2 inches apart to produce good stocky plants. When they are transplanted to the garden set them about six inches apart in the rows and the rows far enough apart to permit easy cultivation.

Irrigate thoroughly once every week or ten days and cultivate the surface after each irrigation. Where a small quantity of celery is grown in the home garden blanching may be done by placing 10-inch boards along both sides of the row and holding them in place by stakes driven into the ground. Another method is to wrap paper around the individual bunches and tie it to hold in place.

Sow the seed February to June.

GOLDEN SELF-BLANCHING (New Type)—A very popular early sort with a rich golden yellow heart; very heavy and compact in growth; stalks are thick, crisp and of rich flavor. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c) (oz. \$1.00) ($\frac{1}{4}$ lb. \$2.50)

UTAH—A fine fall variety. Compact plants producing broad, thick, and stringless stalks; very crisp and sweet. May be blanched readily, but seems to be preferred in its natural green state. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c) (oz. \$1.00)

CELERIAC

(Turnip-Rooted Celery)

Culture same as Celery except that it is not necessary to earth up the plants.

LARGE SMOOTH PRAGUE—This is an improved form of the Turnip-Rooted Celery. Roots large, round and smooth, and free from side roots. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c) (oz. 75c)

SWEET CORN

Postpaid within the U. S. A.

Corn is sensitive to frost and may rot in cold or wet ground. Plant in April or May, or when the ground has become warm. It will mature in 80 to 100 days and can be planted until July, in hills 2 by 3 feet apart. Cover 8 or 10 seeds about 1 inch deep; thin out to 3 plants to a hill. Plant in a rich moist soil; hoe and cultivate frequently. For succession plant early sorts every two weeks until July 15. One pound will plant 100 hills. Every stalk must receive a grain of pollen from the tassel if it is to form a kernel. Planting in several short rows insures better pollination.

BLACK MEXICAN—Medium early; the kernels are black when ripe and white when green; ears 8 inches long, well filled and exceptionally sweet. (Pkt. 10c) ($\frac{1}{2}$ lb. 30c) (lb. 50c)

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 plump. (Pkt. 10c) ($\frac{1}{2}$ lb. 30c) (lb. 50c)

EARLY MAMMOTH, or ALAMEDA SUGAR—A vigorous, large, early variety of handsome appearance and sweet flavor, especially fine for the market grower. (Pkt. 10c) ($\frac{1}{2}$ lb. 30c) (lb. 50c)

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. Extra selected strain. (Pkt. 10c) ($\frac{1}{2}$ lb. 30c) (lb. 50c)

GOLDEN CROSS BANTAM—The most popular hybrid sweet corn, and one having a wide range of adaptability. The golden ears are 12 rowed, taper to the tips, and are of excellent quality. Although a little later than Golden Bantam, it is a distinct improvement. (Pkt. 15c) ($\frac{1}{2}$ lb. 40c) (lb. 70c)

FIELD VARIETIES

Field Corn should be planted in hills 4 feet apart each way; use 10 pounds to the acre.

LEAMING—An early tall-growing variety. Kernels are long and deep golden yellow, stalks are leafy and make excellent fodder. (Lb. 25c) (10 lbs. \$2.00)

POPCORN, JAPANESE HULLLESS—Kernels waxy white; large and snow white when popped. (Pkt. 10c) ($\frac{1}{2}$ lb. 30c) (lb. 50c)

CRESS

(Pepper Grass)

EXTRA CURLED—Used as a salad either alone or mixed with Mustard greens; rapid growing, dwarf and compact. Sow thickly in shallow drills. For a succession sow every 2 weeks. (Pkt. 10c) (oz. 50c) ($\frac{1}{4}$ lb. \$1.50)

WATER CRESS—(Pkt. 25c)

ENDIVE

Sow the seed $\frac{1}{2}$ inch deep in any ordinary soil from June to October in drills $1\frac{1}{2}$ 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. One ounce will sow 100 feet of row.

GREEN CURLED—The hardest variety grown, the midrib is wide and whitish, beautifully curled, tender and crisp; much used for garnishing. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

BROAD-LEAVED BATAVIAN (Escarolle)—Leaves broad and thick and nearly plain; chiefly used in stews and soups. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

CUCUMBERS

Cucumbers succeed best in a rich, loamy soil and should be planted in May when the ground has become warm. Plant the seed in slightly raised hills, 4 feet apart each way, place 6 or 8 seeds in each hill in a circle and cover with one inch of fine soil. After the plants are well started thin out to 4. Cucumbers thrive on well rotted compost and a shovelful of old manure should be placed 6 inches deep under each hill and firmly tramped down. Have the soil moist before planting so that no watering is required until the seeds have sprouted, otherwise they may rot. After they begin to set fruit, water freely by sprinkling vines for about 10 minutes every other day or so. They mature in 120 days. One ounce will plant 100 hills.

COLORADO—A rich dark green variety, turning partially white when ripened. The fruit is about 7 inches long when in marketable condition and very straight and even in shape. Is early, and good for forcing and out-of-door culture. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

GHERKIN—A very small prickly variety, very tender and sweet when pickled young. Used for pickles only. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

HALLAWELL'S PICKLING—Very productive pickling variety, highly esteemed by pickle makers. Medium size, thick, moderately tapering at both ends. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

IMPROVED TELEGRAPH—An English cucumber, for frames or forcing under glass; rich dark green. The finest type of Telegraph Cucumber, quick in growth and very prolific. (Pkt. of 15 seeds 25c)

HALLAWELL'S SLICER—After several years of trial we are introducing this new cucumber which we think is tops in every respect. It is the most prolific bearer in our trials, has a long season, good color and a large percentage of fruits are of fine uniform shape. (Pkt. 15c) (½ oz. 40c) (oz. 75c)

LEMON—A very easily grown variety for the home garden. It is lemon shaped. It is ready to eat when it begins to turn yellowish brown. (Pkt. 10c) (½ oz. 40c) (oz. 75c)

LONG GREEN, IMPROVED—The best known and most popular variety for general use. The mature fruit is almost 12 inches long. The skin is of a deep green, and the flesh is solid, crisp and of fine quality. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

STRAIGHT-8—An excellent slicing variety which was awarded the Gold Medal in the All America Trials of 1935. The vigorous plants produce dark green, symmetrical fruits 8 to 9 inches long, and 1½ inches thick. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

DANDELION

One ounce will sow 200 feet of drill. It will mature in 6 months and should be sown in May and June in drills 18 inches apart and ¼ inch deep. The leaves are best for salads when blanched, by partly shading the rows with boards.

IMPROVED LARGE-LEAVED—The largest leaved and best cutting variety. (Pkt. 10c) (¼ oz. 35c) (oz. \$1.00)

EGG PLANT

A strong, uniform heat is required to germinate the seeds, and a thoroughly pulverized, well-enriched, warm soil is necessary to perfect the fruit. Sow the seed from January to March ¼ inch deep and transplant when all January to March 2½ feet apart each way, and when about a foot high, support the plants by drawing the earth up around them. One ounce will produce about 1,000 plants; will mature in 150 to 160 days.

IMPROVED NEW YORK—The most popular main crop variety. The fruit is large, very solid and of a rich shining deep purple color. (Pkt. 10c) (½ oz. 50c)

HERB SEEDS

Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant.

Each of the following 10c per packet.

BASIL, SWEET—The stems and seeds are used in soups and sauces.

CARAWAY—Height 12 to 18 inches.

CATNIP—Height 18 to 24 inches.

CORIANDER—Seeds are used for flavoring; annual.

DILL, MAMMOTH—Leaves used in pickles and sauces; annual.

FLORENCE FENNEL—A vegetable with a flavor somewhat like Celery, but it has a sweet taste.

SAGE—Leaves used for seasoning and stuffing; excellent for bees; perennial.

SUMMER SAVORY—Height 8 to 10 inches.

SWEET MARJORAM—Leaves used both green and dried for seasoning; perennial.

THYME—Leaves used for seasoning; perennial.

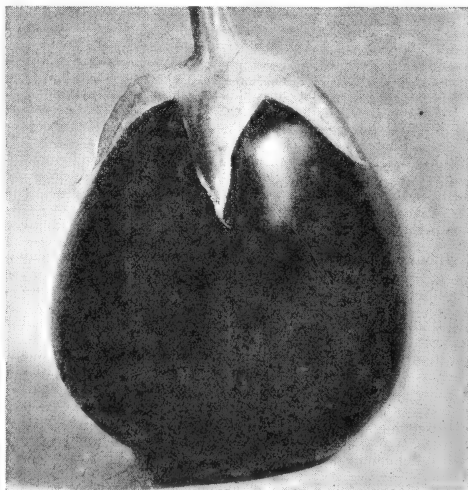
KALE or BORECOLE

This plant is useful for furnishing a large supply of greens for cooking during the early fall, winter, and spring months. Sow the seed thinly in drills, transplanting to rows 2 feet apart when of sufficient size. Sow as directed for Cabbage. One ounce will produce about 2,000 plants.

DWARF CURLED SCOTCH—A spreading plant of finely curled leaves for ornamental use or for cooking. (Pkt. 10c)

TALL GREEN CURLED SCOTCH—Fine cut leaves, height 2½ feet. (Pkt. 10c)

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. 50c)



Egg Plant, Improved New York

LETTUCE

Market Gardeners please ask for quantity prices.

Lettuce is a cool weather crop and where the climate is not too severe it may be grown during the winter months. Head varieties especially require cool weather for the heads to be firm. San Francisco summer climate is ideal for lettuce and it may also be grown during the winter months.

The seed requires a temperature of 65 degree or cooler to germinate and when planted in very warm soil may fail to sprout. Sow the seeds where the plants are to remain and thin. Leaf lettuce may be grown thick in the row, but head varieties require more room.

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.

COSBERG—Generally speaking, lettuce is a cool weather crop but here is one for the home garden that heads better than any of them in summer weather. The heads are small and compact, outer leaves are yellowish-green, crumpled and frilled. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

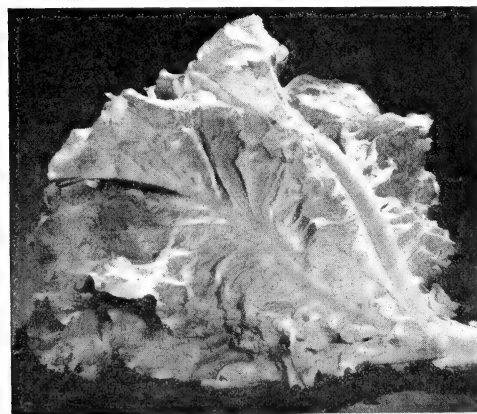
ICEBERG—Large solid heads; light green, slightly tinged with brown; very tender and crisp. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

HALLAWELL'S 847 (Los Angeles)—A large, crisp, tight-heading variety; light green curly leaves. There is no waste in preparing as all the leaves can be used. The heads are large and of fine quality. We recommend this variety above all others. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

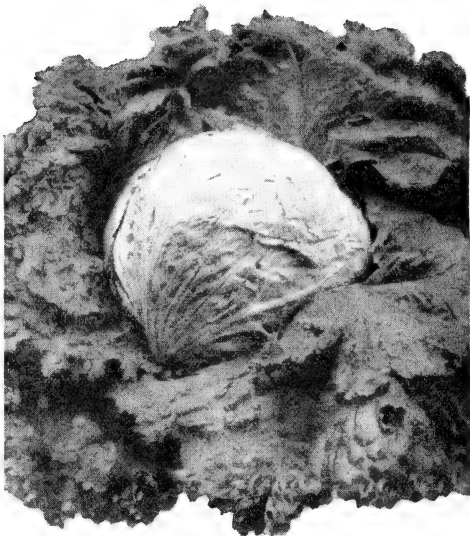
PARIS WHITE COS or TRIANON—This type of lettuce forms long upright loose folding heads and the inner leaves bleach white. It is usually preferable to tie up the heads to assist bleaching. Very crisp and sweet. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

WHITE BOSTON—A popular butterhead variety; medium sized head, buttery-yellow heart of excellent flavor. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

MIGNONETTE—Heads small, compact; leaves slightly curled; edges tinted brown. Especially suitable for the Hawaiian Islands and other tropical countries. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)



Lettuce, Hallawell's Loose Leaf



Lettuce, Hallawell's 847

LOOSE LEAF VARIETIES

These do not form heads but large plants of loose leaves which are quite brittle and tender.

EARLY CURLED SIMPSON—Forms a close, compact mass of leaves; matures very early. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

HALLAWELL'S LOOSE LEAF—Leaves are brownish red, very curly and of fine flavor. Makes a compact bunch. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

CHICKEN LETTUCE—Sends up a stout stalk 3 to 4 feet high, loaded with leaves; for poultry and rabbits. (Pkt. 10c) (½ oz. 35c) (oz. 60c) (¼ lb. \$1.80)

LEEK

Sow from January to April, in drills 1 foot apart and ½ inch deep. When the plants are 6 to 8 inches high transplant in a deep, rich soil, in rows 12 inches apart and 4 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 seed may also be sown in July or August for good plants in the fall and winter. One ounce will sow 200 feet of row.

LARGE AMERICAN FLAG—The favorite variety. (Pkt. 15c) (¼ oz. 50c)

MUSTARD

The greens of this quick growing plant are cooked like Spinach. Sow seed in early spring and make successive sowings every 10 days until midsummer. Sow seed thinly in rows about a foot apart. One ounce will sow about 200 feet of row.

SOUTHERN GIANT CURLED—The leaves are large, light green with a tinge of yellow and much crimped and frilled at the edges. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

TENDERGREEN—A quick growing variety. Leaves are oblong, thick, fairly smooth and dark green with lighter green ribs. Is resistant to heat and dry weather. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

MUSKMELON

A light, warm, rich soil is essential for this crop. When all danger from frost is over, plant the seed in slightly raised hills 4 feet apart each way, placing 6 to 8 seeds in each hill in a circle and covering with one inch of fine soil. Place a shovelful of old manure about 6 inches under each hill and tamp down firmly. Have the soil moist before planting so that no watering is required until the seeds have sprouted, otherwise they are apt to rot. After plants are well established, 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. Muskmelons mature in 120 to 140 days. One ounce will plant about 50 hills.

DELICIOUS GOLD LINED ROCKY FORD—Fruit is heavily netted, slightly oval with no ribs. Has green flesh with a gold margin next to the seed cavity; thick meated and of fine flavor. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

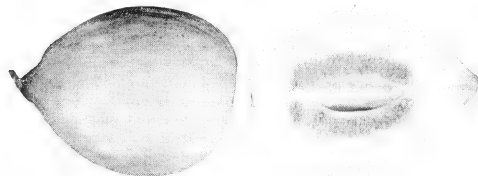
IMPERIAL No. 45 (Mildew Resistant)—This early melon is nearly round, heavily netted, and has thick deep salmon-pink flesh of rich flavor. It keeps well after picking, and the mildew resisting quality assures melons of excellent flavor. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

PERSIAN (Small Type)—A globular melon, 6 to 8 inches in diameter, heavily netted without ribs; orange flesh of delicious flavor; a good keeper. (Pkt. 10c) (oz. 50c)

ROCKY FORD—Fruit is slightly oval and slightly ribbed with netted skin. Has thick dark green flesh of delicate flavor, with a small seed cavity. (Pkt. 10c) (½ oz. 35c) (oz. 60c)

SALMON CRANSHAW—Deliciously sweet, fine flavor and a luscious, smooth melting texture. A fine home garden or market melon. (Pkt. 15c) (½ oz. 40c) (oz. 75c)

TIP TOP—The melons are of medium size and nearly round, well ribbed and slightly netted over a light green skin. The flesh is quite thick and bright salmon in color. Very richly flavored. (Pkt. 10c) (½ oz. 35c) (oz. 60c)



Salmon Cranshaw

KOHL RABI

Sow the seed ½ inch deep in rows 18 inches apart, afterwards thinning to 8 or 10 inches. The bulb is the edible part and when cooked tastes very much like Turnip. Kohl Rabi will mature in 120 days and may be sown from January to May and from July to October. One ounce will sow 200 feet of row.

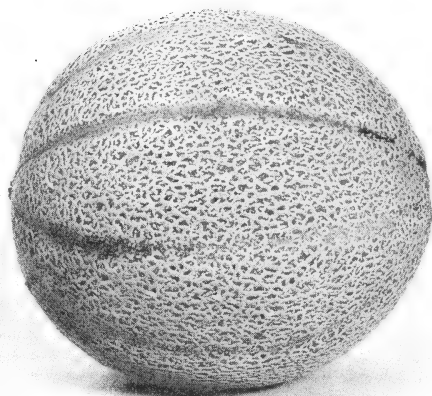
EARLY WHITE VIENNA—(Pkt. 10c) (½ oz. 60c) (oz. \$1.00)

EARLY PURPLE VIENNA—(Pkt. 10c) (½ oz. 60c) (oz. \$1.00)

OKRA or GUMBO

Highly esteemed for its green pods, which are used in soups and stews. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, until June, in rows 3 feet apart, 1 inch deep; thin to 18 inches apart in the rows. One ounce will sow 100 feet of row; matures in about 75 days.

PERKINS MAMMOTH POD—Pods deep green, very long, slender and slightly corrugated; very tender and of good quality. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)



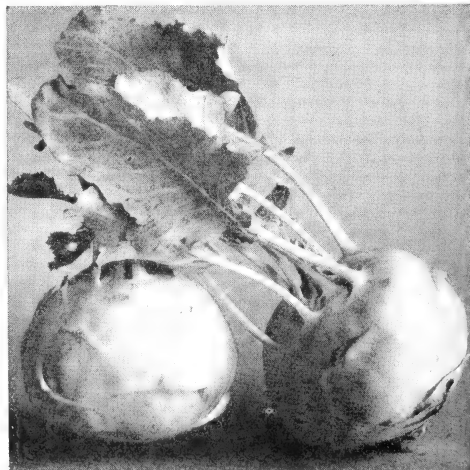
Muskmelon, Hale's Best No. 45

CASABA MELONS

The melons 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. 35c)

HONEY DEW—The fruit of this melon is of medium size, weighing 5 to 6 pounds; light colored smooth skin, thick light green flesh of a delicious honey-like flavor. (Pkt. 10c) (oz. 35c)



Kohl Rabi, Early White Vienna

WATERMELONS

The culture of watermelons differs from that of muskmelons mainly in that the hills should be from 8 to 10 feet apart, according to the variety grown. An effort should be made to secure good strong vines early in the season, and this can best be done by taking care that the hills are large, mellow, and well drained, with the manure placed so that they will not dry out quickly under hot sun. Plant the seeds thickly and when danger of frost is over, thin the plants to four of the strongest in each hill. All possible protection from insects should be given the young plants and their growth may be still further hastened by frequently application of liquid manure. They mature in 120 to 140 days. As a protection from insects, netting is frequently used. One ounce will plant about 25 hills.

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. 25c)

FLORIDA FAVORITE—A splendid melon of very large size and excellent quality. Fruit long, dark green, mottled and striped; rind thin but firm. Flesh bright deep red; very sweet and tender. (Pkt. 10c) (oz. 25c)

KLECKLEY SWEET or MONTE CRISTO—A very desirable melon for home use or nearby markets. Fruit of medium to large size, oblong, dark green. Flesh bright red and very sweet. (Pkt. 10c) (oz. 25c)

KLONDIKE (Wilt Resistant Strain)—Dark green oblong melon with very thin rind, and dark pink, crisp and sweet flesh of fine quality. (Pkt. 10c) (oz. 25c)

KLONDIKE, STRIPED—A new selection. It is the same size and has much the same qualities as Klondike. Fruit is striped dark and light green resembling the Georgia Rattlesnake. (Pkt. 10c) (oz. 25c)

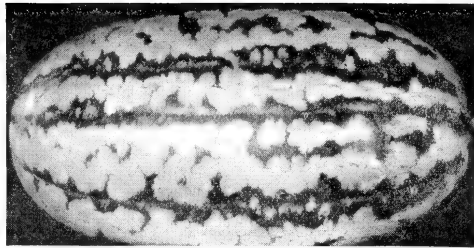
TOM WATSON—A very large, long melon with dark green skin. Flesh bright red; very sweet and tender. Rind thin but tough, making it a good shipping sort. (Pkt. 10c) (oz. 25c)

MUSHROOM SPAWN

PURE CULTURE SPAWN—The latest scientific development in the production of Mushroom Spawn, using the medium of tobacco stems which are inoculated by a patented pure culture process. Booklet giving instructions for growing Mushrooms furnished with each purchase of spawn. Available in cans containing sufficient spawn for planting 50 square feet. (Each \$1.35 postpaid)



Pepper, California Wonder



Watermelon, Klondike Striped

PARSLEY

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly at any season in rows 1 foot apart and $\frac{1}{4}$ inch deep; thin out plants to stand 6 inches apart in the rows. The seed is slow in germinating, taking from 3 to 4 weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. One ounce will sow 200 feet of row.

DOUBLE CURLED—A curled variety very hardy and easy to grow. Deep rich green. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

EXTRA TRIPLE CURLED—Very fine curled variety of dark green color. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

EVERGREEN—Dense plants of deeply cut dark green foliage. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

HAMBURG or TURNIP ROOTED—A plain-leaved variety, forming a long, thick, edible root. (Pkt. 10c) ($\frac{1}{2}$ oz. 25c) (oz. 40c)

PARSNIPS

This crop requires a very rich soil. Sow from February to September in drills 18 inches apart and $\frac{1}{2}$ inch deep, and thin to 8 inches in the row. Parsnips mature in 125 days. One ounce will sow 200 feet of row.

HOLLOW CROWN—The most popular variety. The roots which are creamy white are smooth, tender and of excellent flavor. (Pkt. 10c) (oz. 35c)

PEPPERS

Sow $\frac{1}{4}$ inch deep in hotbeds in February or March, and when danger from frost is over, transplant in rows 2 feet apart and 18 inches in row, in good rich ground. They mature in 140 to 150 days.

ANAHEIM CHILI—A large thick-meated "Chili" of recent introduction, being 7 inches or more long, very fleshy, with a slight pungency. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

CALIFORNIA WONDER—The best large fruited sweet pepper; very smooth, heavy and free from wrinkles. Meat exceedingly thick, tender and of the finest flavor. (Pkt. 10c) ($\frac{1}{2}$ oz. 75c) (oz. \$1.35)

CHINESE GIANT—The largest of all sweet peppers. The flesh is quite thick, very mild and sweet. A blunt, deep red variety. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

HUNGARIAN YELLOW WAX—A first early pepper; medium slender, tapering; about $1\frac{1}{4}$ inches in diameter at top and 6 inches long. The waxy yellow fruits are smooth and very pungent; plant is dwarf and prolific. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

LARGE BELL or BULL NOSE—A large, early bright red variety of mild flavor. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

RED CHILI—Small, bright red, very pungent and productive. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

ONIONS

Market Gardeners please ask for quantity prices.

Onions are very hardy, and the seeds will germinate in cool weather. They can be safely planted just as soon as the soil can be prepared. Shallow planting is advisable, $\frac{1}{4}$ to $\frac{1}{2}$ inch being about right. When 2 or 3 inches tall, the young plants can be thinned to prevent crowding. They may be thinned again when 6 or 8 inches tall, and the plants removed can be used as green onions. After that, they may be pulled as needed, and those that are left to become fully ripe stored for winter. Onions mature in about 150 days. One ounce will sow 200 feet of row.

TORPEDO (Long Red)—A sweet, mild onion, long oval-shaped, purplish-red, ideal for salads, slicing and for garnish. See specialties for full description. (Pkt. 15c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

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) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

BUNCHING ONION (White)—The best for early small green onions. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

EARLY SWEET SPANISH—If you live in a short season climate, plant this very early onion. It is sweet, mild and a heavy producer. In mild winter climates seeds sown in September and transplanted to the field in November or December will mature in April or May for an early market crop. The general shape is oval; the upper half flat to rounded; the lower half tapered, and white. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

RED WETHERSFIELD—This is the standard red variety. Large size, form flat but thick; skin purplish red; flesh firm and mild. Heavy cropper. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

SOUTHPORT WHITE GLOBE—A large globe-shaped sort; pure white color, mild flavor and fine keeper. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

SWEET SPANISH (Riverside Strain)—Large brown globe shaped onion, unusually mild with excellent flavor. Splendid for shipping as well as for storage. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

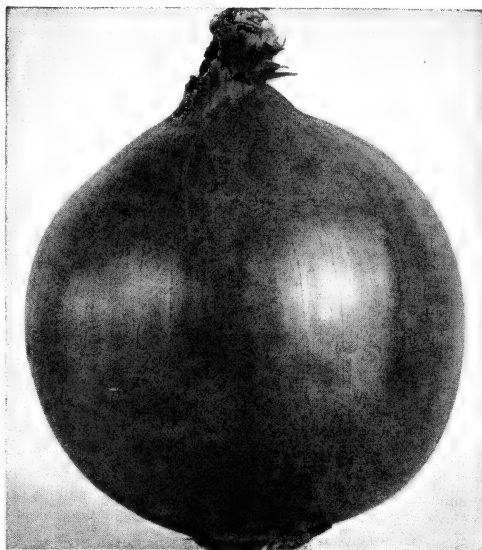
WHITE PORTUGAL or SILVER SKIN—The favorite white variety, of medium size with clear white skin and mild flavor, transplanting or thinning be sure to get them plenty of room. For mature onions they should be at least 6 inches apart. For green onions sow the seeds thick in the row. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

WHITE SWEET SPANISH—Probably the largest of the white onions; as sweet and mild as our Riverside Sweet Spanish. When transplanting or thinning be sure to get them plenty of room. For mature onions they should be at least 6 inches apart. For green onions sow the seeds thick in the row. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

YELLOW GLOBE DANVERS—This is one of the best storage varieties and it matures in early mid-season if seeds are sown during late Fall in mild winter climates. In colder climates seeds may be sown in December or January and transplanted to the field in March. They are the popular medium size, globe shaped and pale yellow color. Home gardeners plant seed thick in the row, use for green onions and leave remainder 2 or 4 inches apart for mature onions. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c) (oz. \$1.00)

ONION SETS

YELLOW OR WHITE SETS—For young onions. Plant 2 inches deep and 2 inches apart in drills which should be 12 inches apart. One pound will plant about a 50-foot row. (Lb. 40c); postpaid 45c) Price subject to change.



Riverside Sweet Spanish

PUMPKIN

Plant after all danger of frost is over until June, in hills 8 feet apart each way. Cover seed 1 to 2 inches deep, leaving 3 strong plants to a hill. In other respects they are cultivated as Melons and Cucumbers. Pumpkins mature in about 100 days. One ounce will plant about 25 hills.

CONNECTICUT FIELD—This variety produces over 20 tons to the acre. A fine large orange-colored variety, used for stock feeding. The skin is smooth and ribbed and the flesh is brittle and sweet. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

GOLDEN CUSHAW—Prolific crook neck type of rich golden color. Thick and solid flesh of good quality. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

HALLAWELL'S BUSH—A new bush pumpkin in small size suitable for home gardens. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

SUGAR or NEW ENGLAND PIE—For making pies this variety cannot be excelled. The pumpkins are round and small, but very sweet, fine grained, and of the best quality. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

SALSIFY

(Vegetable Oyster)

The soil should be rich and well worked to a depth of at least 18 inches. Sow in drills 15 inches apart, covering the seeds with fine soil $\frac{1}{2}$ inch in depth. When the plants are strong enough, thin them out to about 3 inches apart. The seed may be sown from February to September and will mature in 150 days. One ounce will sow 50 feet of row.

MANMOTH SANDWICH ISLAND—An entirely distinct variety of this vegetable. It is considered very nutritious and wholesome when properly cooked, with a flavor like that of oysters. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

PEAS

Postpaid within the U. S. A.

A light, moderately rich soil is best for peas. For early peas sow in the fall, and for successive crops plant until July. Plant the dwarf varieties in single or double rows 18 inches apart and about 2 inches apart in the row. The tall sorts should be planted in rows 3 feet apart. Sow the seed 2 to 3 inches deep, and in dry weather soak the seeds for 5 to 6 hours in water before planting. One pound will sow 100 feet of row. Peas mature in 8 to 12 weeks.

EARLY VARIETIES

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

ALASKA, or EARLIEST OF ALL—A very early variety with smooth, small peas of good quality and short, well-filled pods. The vines are 2½ to 3 feet tall. When practicable they should be given support; a good winter variety and will not rot in cold, wet soil.

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.

LAXTON'S PROGRESS—The largest podded of any extra early dwarf variety. Pods pointed, dark green, well filled with extra large tender peas of excellent flavor; very prolific.

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.

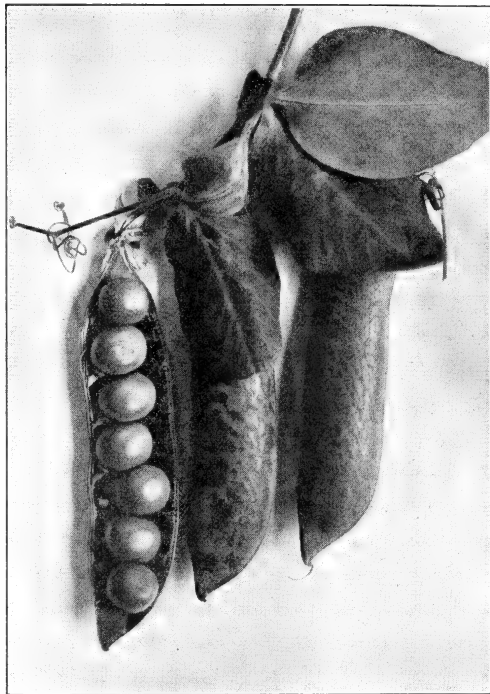
LATER VARIETIES

(Pkt. 10c) (½ lb. 30c) (lb. 50c)

DWARF TELEPHONE—A dwarf variety producing large pods like Telephone; very prolific and of fine quality; height, 18 inches.

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 extremely tender; finely flavored.

TELEPHONE—One of the latest varieties, is tall and vigorous, with enormous pods, bearing large, wrinkled peas of remarkably fine quality; a popular home garden and market variety.



Pea, Laxton's Progress

SPINACH

Select very rich, well-drained soil, sow in drills 1 foot apart and ½ inch deep. For spring and summer use make the first sowing early in spring and continue at intervals of two or three weeks, until the middle of June; sow in August and September for winter and early spring use; will mature in about 45 days. One ounce will sow 100 feet of row.

BLOOMSDALE (Long Standing)—The thick, dark green leaves are curled and crinkled. Remains a long time in condition for use without boiling to seed even in dry weather. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

KING OF DENMARK—An exceptionally long standing sort, highly desirable for canning, or for market. The large spreading plants carry broad, rounded dark green leaves, which are somewhat crumpled. Good spring and summer variety. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

GIANT NOBEL—Plant is large, vigorous and spreading; slow to form seed stalks and an extremely heavy yielder. Leaves are thick, smooth, medium green and tender. Home gardeners plant at regular intervals and begin using while plants are young. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

HOLLANDIA—A popular California spinach, grown for market and early canning crop. The plants are large and of spreading habit, producing smooth, thick, light green leaves. It grows very rapidly. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

IMPROVED VIROFLAY—A vigorous growing variety with long, broad, pointed, thick, smooth leaves of deep green color. Especially good for Fall and Winter planting in California. Home gardeners should make small plantings at regular intervals and use while it is young. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

NEW ZEALAND—A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Sow when the ground warms up, soaking the seed in water for 24 hours before sowing. (Pkt. 15c) (oz. 35c) (¼ lb. \$1.00)

PRICKLY SEEDED or FALL—A hardy variety adapted for fall planting, but is also very satisfactory for spring planting in the home garden. The thick, dark green leaves are large and rounded. (Pkt. 10c) (oz. 20c) (¼ lb. 50c)

RHUBARB

Sow in rows ½ inch deep, thin out to 6 inches apart. In fall, trench a piece of ground and manure it well and then transplant the young plants into it 3 feet apart each way. Cover with leaves or litter the first winter, and a dressing of manure should be given every fall. It is better to plant strong roots, as they will produce next spring. One ounce will sow 150 feet of row.

CRIMSON WINTER—This variety is of delicious flavor, extremely hardy, very prolific, and very quick growing. Produces good stems all winter and spring. (Pkt. 10c) (½ oz. 60c)

RHUBARB ROOTS

CHERRY GIANT—The most popular rhubarb grown today. It is less acid and more highly flavored than other sorts. The bright cherry-red stems are very large and so tender they do not require peeling when cooked. Four plants well cared for will supply sufficient rhubarb for the average family. It does not come true from seed. Plant 4 feet apart. Strong, eye roots (25c each)

SEED POTATOES

Postage or transportation charges extra

Plant as early as the ground can be thoroughly worked, in rows 3 feet apart and 15 inches in the rows for early potatoes and 18 inches apart for late ones; covering in light warm soil about 6 inches, and in heavy soil about 4 inches deep; draw the earth to the plants as they advance in growth. Eight pounds will plant 100 feet of row. Cut the tubers into good-sized pieces, each containing not less than two or three eyes. Our potatoes are grown for seed.

(NORTHERN GROWN)

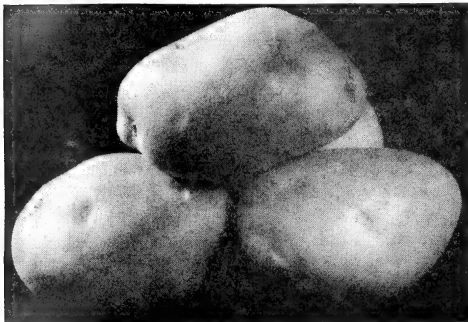
All prices are subject to change

BRITISH QUEEN—Early, baking variety.

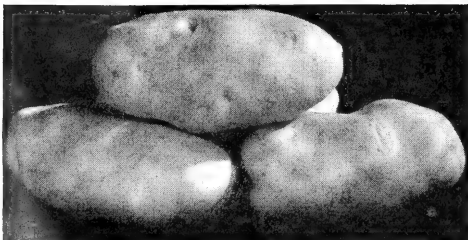
BURBANK (Low Top)—Late keeping variety good for boiling and baking.

WHITE ROSE—Early baking variety.

Any of the above, 5 lbs. for 60c; 10 lbs. for \$1.15; 25 lbs. for \$2.35; 50 lbs. \$3.90 f.o.b. San Francisco. If wanted by parcel post add postage. Prices on larger quantities on application. Do not combine two or more varieties to secure quantity price.



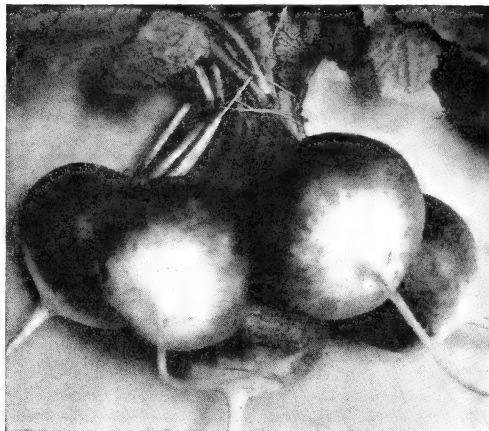
British Queen



Burbank



White Rose



Radish, Scarlet Turnip White Tip

RADISH

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow early in spring and well into summer for succession, in well-manured, deeply dug and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart and $\frac{1}{2}$ inch deep, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. They mature in 25 to 40 days. One ounce will sow 100 feet of row.

EARLY SPRING AND SUMMER VARIETIES

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. 25c) ($\frac{1}{4}$ lb. 75c)

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. 25c) ($\frac{1}{4}$ lb. 75c)

EARLY SCARLET GLOBE—A popular forcing variety owing to its very quick growth and fine, bright scarlet color. Shape, a trifle oblong. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

SPARKLER—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 home garden. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

FRENCH BREAKFAST—Scarlet, with white tip; shape nearly oval; good for forcing or summer sowing. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

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. 25c) ($\frac{1}{4}$ lb. 75c)

FALL AND WINTER VARIETIES

Sow winter varieties in July and August as they make their best growth in autumn; before using put in cold water, which adds to their freshness.

CALIFORNIA MAMMOTH WHITE WINTER, or CHINESE WHITE WINTER—Is really a Chinese radish, grown by the Chinese in California; 8 to 12 inches long, and from 2 to 3 inches in diameter; solid and of good flavor; white in color and exceedingly crisp and tender. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

ROUND BLACK SPANISH—This is a large, black-skinned radish; flesh white and firm, and of a peculiarly rich, delicious flavor. (Pkt. 10c) (oz. 25c) ($\frac{1}{4}$ lb. 75c)

SQUASH

Squash should be planted in a warm, rich soil, after the weather has become settled and warm, about the beginning of May or June. Plant in well-manured hills, in the same manner as Cucumbers or Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. 8 to 10 seeds should be sown, 1 to 2 inches deep, in each hill, thinning out after they have attained their rough leaves and danger from bugs is over, leaving 3 or 4 of the strongest plants to a hill. The soil should be moist before planting so that no watering is required until the seeds have sprouted, otherwise they may fail to germinate. An occasional feeding of liquid manure will repay in size of fruits. One ounce of the summer varieties will plant about 25 hills and one ounce of the winter varieties about 15 hills. Summer sorts mature in 65 days and the winter sorts in 150 days.

SUMMER VARIETIES

EARLY WHITE BUSH SCALLOP—A very early variety, with flat, creamy white scalloped squashes, 4 to 6 inches in diameter. The vine is bush in habit and rather dwarf. This variety is the common "Pattypan" squash. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

BENNING'S BUSH SCALLOP—An improved bush squash which has become very popular in California. Fruits are about the size of the well-known scallop squash but are a green tinted color when young. A very desirable garden and market variety. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

ENGLISH VEGETABLE MARROW (Long White)—Skin greenish yellow; flesh white, soft and rich flavor. (Pkt. 10c) (oz. 50c)

IMPROVED GRAY ZUCCHINI—A delicate green color at the edible stage. Very early and most prolific. See Specialty pages. (Pkt. 10c) (oz. 60c)

ITALIAN MARROW, ZUCCHINI (Dark Green Strain)—The popular Italian squash. A delicious family garden squash which is also a leading market variety. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

YELLOW SUMMER CROOKNECK—A well-known summer variety. The fruit is crooknecked, rich golden yellow and thickly warted; very tender when young. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

WINTER VARIETIES

BANANA—A wonderful yielder and good keeper. 2 to 3 feet long, with a tough whitish green shell and delicious tasty meat. Very fine for winter. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

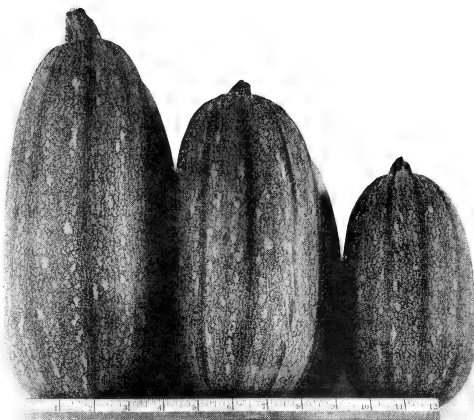
HUBBARD—The best known winter sort; of superior quality; large size. Fruit heavily warted, dark green in color with orange flesh. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

TABLE QUEEN (Danish)—Cut in halves and baked this is a very tasty squash. It weighs about 1½ lbs., is dark green outside with rich yellow flesh of delicious flavor, and matures early. (Pkt. 10c) (oz. 25c) (¼ lb. 75c)

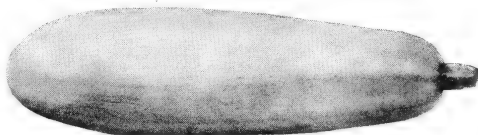
TURNIP

For early use, sow in January and February, in drills from 12 to 15 inches apart, covering the seed ¼ inch deep; thin out to 3 or 4 inches in the rows. For succession, continue to sow every two weeks until June; for fall and winter crop, sow in July and August. One ounce will sow 200 feet of row; they mature in 60 to 70 days.

GOLDEN BALL or ORANGE JELLY—A globe-shaped yellow variety of medium size; flesh firm and crisp. An excellent table sort. (Pkt. 10c) (oz. 25c)



Squash, Gray Zucchini



Squash, English Vegetable Marrow



Squash, Black Zucchini

PURPLE TOP WHITE GLOBE—A valuable sort for either table use or stock feeding. Roots globe-shaped, white with purple top. Flesh white, firm and tender; very large. (Pkt. 10c) (oz. 25c)

WHITE EGG—Roots are white and egg-shaped, about 3¼ inches long; smooth, fine grained and of excellent quality. (Pkt. 10c) (oz. 25c)

RUTA BAGA OR SWEDES

AMERICAN PURPLE TOP, or LONG ISLAND—One of the best and most popular yellow fleshed varieties. It is yellow below ground, with purple top above. A fine table or stock feeding variety. (Pkt. 10c) (oz. 25c)

TOMATO

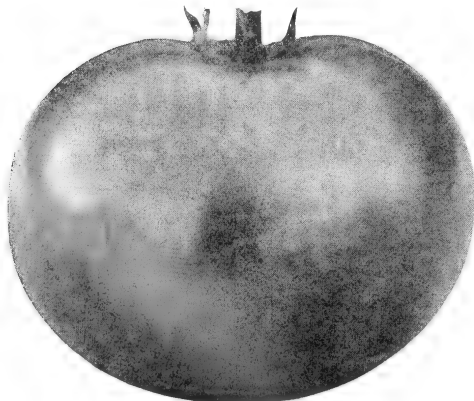
For early plants sow in hotbeds early in March or April, in drills 5 inches apart and $\frac{1}{4}$ inch deep; when the plants are about 2 inches high transplant into another hotbed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting, but after the plants are well established water sparingly and at the roots only, as spraying the vines and overwatering causes the blossoms to drop off; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box by placing it in a sunny window in a warm room. For late use sow in a sheltered border in May, and set out the plants in July; the green fruit may be picked off before frost and ripened under glass. By training the vines on trellises or tying to stakes, the fruit will ripen better and be of finer quality. The fruit matures in 150 days.

BONNY BEST—A good general purpose tomato; excellent for forcing under glass; also a fine canning and shipping variety. Fruits are deep scarlet red; medium large, flattened globe-shape; smooth and firm. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

DWARF STONE (Tree Tomato)—Of Dwarf compact growth, the plants are very productive. Fruit is very large and smooth; flesh wonderfully solid, of finest flavor, with no core. (Pkt. 10c) (oz. 75c) ($\frac{1}{4}$ lb. \$2.50)

EARLIANA (Special Strain)—Extra early. Fruits bright red, solid and of fine flavor. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

HALLAWELL'S EARLY—A fine early variety especially adapted to California growing and shipping. Fruits are nearly globe-shape; bright scarlet and well protected by sufficient foliage to prevent sunburn. Where space is limited in the home garden, these may be trained up to a single stem. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)



Tomato, Pearson



Tomato, Bonny Best

MARGLOBE—A second early sort which produces large, smooth, meaty, globular, red fruit which ripens uniformly and is relatively free from cracks. Extremely heavy cropper and resistant to wilt. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c)

NORTON or WILT RESISTANT STONE—Very prolific. The fruit is bright red, smooth and thick. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c)

PEARSON—This fine tomato was developed by the California College of Agriculture. It is one of our best canning and shipping varieties with a protective skin that prevents cracking. The fruits are medium large; semi-globe-shaped; and an attractive scarlet color. The heavy sets of fruits are protected by ample foliage, but the vine tends to compactness. (Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

PONDEROSA or BEEFSTEAK—One of the largest varieties of irregular shape but very solid. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

PRITCHARD (Scarlet Topper)—A fine early tomato with large, smooth, globular fruits ripening to a clear scarlet right up to the stem end. A good home and market variety; wilt-resistant. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c)

SCARLET CANNER—A very fine main crop tomato for market or home garden. Fruits are solid, containing few seeds; globe shaped and a bright scarlet color. Grown under normal conditions it is one of our most prolific varieties. Home gardeners should plant this tomato with Hallawell's Early to prolong the season. (Pkt. 10c) ($\frac{1}{2}$ oz. 50c)

STONE—One of the largest and most solid late varieties. Fruit is very smooth, large and uniform in size; bright scarlet, unsurpassed for canning and slicing. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c)

SMALL FRUITED TOMATOES

HUSK or GROUND CHERRY, YELLOW PLUM, RED PLUM, RED CHERRY. Any of the above. (Pkt. 10c) ($\frac{1}{4}$ oz. 30c)

RED and YELLOW PLUM MIXED. (Pkt. 10c) ($\frac{1}{4}$ oz. 30c)

SAN MARZANO—An Italian variety extensively used for the manufacture of paste and powder. Fruits are about $1\frac{1}{4}$ inches broad and $2\frac{1}{2}$ to 3 inches long, rounded at ends, and flat sided, interior is thick and devoid of juicy pulp. Color bright scarlet. Very productive. (Pkt. 10c) ($\frac{1}{4}$ oz. 50c)

TOBACCO

CONNECTICUT SEED LEAF—The hardiest variety in cultivation. One of the best sorts for cigar wrappers. (Pkt. 10c)

**YOUR VICTORY GARDEN from
HALLAWELL'S FINEST CALIFORNIA-GROWN
VEGETABLE and FLOWER SEEDS**

Enjoy the fresh delicious flavor of home grown vegetables. If your space is limited, plant them right among your flowers. To get the most from your land, labor, and water, plant HALLAWELL'S FRESH, NEW CROP SEEDS.

SEASONS TO PLANT VEGETABLES IN CENTRAL CALIFORNIA

VARIETY	When to Sow	Matures in About	Depth to Plant	One Ounce Will Sow a Row	Quantity for 1 Acre	Put Rows Apart	Distance Apart in the Row
Artichoke Plants	January—April	Next season				5 feet	4 feet
Asparagus Seed	February—April	Third Spring	1 inch	100 feet	4 to 5 lbs.	2 feet	3 inches
Asparagus Roots	January—April	Next Spring	3 inches			4 to 6 feet	1 foot
Beans, Bush	April 15—August	45 to 65 days	1½ to 2 inches	1 lb. to 50 feet	50 lbs.	2 feet	4 inches
Beans, Pole	April 15—August	65 to 75 days	1½ to 2 inches	1 lb. to 100 hills	25 lbs.	4 ft. hills	4 ft. hills
Beets	All year round	65 to 75 days	1 inch	50 feet	6 lbs.	18 inches	3 to 4 inches
Broccoli	July—October	150 to 200 days	½ inch	1,500 plants	2 to 3 ounces	2½ feet	1½ feet
Brussels Sprouts	{ January—April } { July—October }	150 days	½ inch	2,000 plants	2 to 3 ounces	2½ feet	2 feet
Cabbage, Early	{ January—April } { July—October }	105 days	½ inch	2,000 plants	2 to 3 ounces	2 feet	1½ feet
Cabbage, Late	{ January—April } { July—October }	150 days	½ inch	2,000 plants	2 to 3 ounces	2½ feet	2 feet
Carrot	All year round	60 to 90 days	½ inch	100 feet	3 to 4 lbs.	1½ feet	2 to 4 inches
Cauliflower	June—January	150 days	½ inch	1,500 plants	2 to 3 ounces	2 feet	1½ feet
Celery	February—June	6 months	½ inch	4,000 plants	2 ounces	2 feet	6 inches
Collards	February—June	100 days	½ inch	2,000 plants	2 to 3 ounces	2 feet	2 feet
Corn	April 15—July 15	80 to 100 days	1 inch	1 lb. to 100 hills	15 lbs.	3 ft. hills	2 ft. hills
Corn Salad	August—November	100 days	½ inch	50 feet		15 inches	4 to 6 inches
Cucumber	April 15—June 15	120 days	1 inch	100 hills	3 lbs.	4 ft. hills	4 ft. hills
Dandelion	May and June	6 months	½ inch	200 feet		18 inches	8 inches
Egg Plant	February—April	150 to 160 days	¾ inch	1,000 plants	3 ounces	2½ feet	2½ feet
Endive	June—October	100 days	½ inch	100 feet	4 lbs.	1½ feet	8 inches
Kale	{ January—April } { July—October }	90 to 120 days	½ inch	2,000 plants	2 to 3 ounces	2 feet	1½ feet
Kohl Rabi	{ January—May } { July—October }	120 days	½ inch	200 feet	4 lbs.	1½ feet	8 inches
Lettuce	All year round	65 to 90 days	¼ inch	200 feet	4 lbs.	1½ feet	6 inches
Muskmelon	April 15—June	120 to 140 days	1 to 2 inches	50 hills	3 lbs.	4 ft. hills	4 ft. hills
Watermelon	April 15—June	120 to 140 days	1 to 2 inches	25 hills	4 to 6 lbs.	3 ft. hills	8 ft. hills
Mustard	February—May	100 days	¼ inch	200 feet	2 to 3 lbs.	1½ feet	3 inches
Okra	April 15—June 15	75 days	1 inch	100 feet	8 lbs.	3 feet	1½ feet
Onion	November—March	150 days	¼ to ½ inch	200 feet	4 to 5 lbs.	1 foot	4 inches
Parsley	All year round	60 to 75 days	½ inch	200 feet	3 lbs.	1 foot	6 inches
Parsnips	February—September	125 days	½ inch	200 feet	3 lbs.	1½ feet	8 inches
Peas	All year round	8 to 12 weeks	2 to 3 inches	1 lb. to 100 ft.	80 to 150 lbs.	1½ to 3 feet	2 inches
Pepper	February—March	140 to 150 days	¼ inch	1,000 plants	3 ounces	2 feet	1½ feet
Potatoes	January—May	3 to 5 months	4 to 6 inches	8 lbs. to 100 ft.	500 to 600 lbs.	3 feet	15 to 18 inches
Pumpkin	April 15—June	100 days	1 to 2 inches	25 hills	5 lbs.	8 ft. hills	8 ft. hills
Radish	All year round	30 to 45 days	½ inch	100 feet	10 lbs.	1 foot	1 to 2 inches
Rhubarb	January—May	Second Spring	½ inch	150 feet	1 lb.	3 feet	3 feet
Rhubarb Roots	January—April	Next Spring	1 inch			6 feet	3 feet
Salsify	February—September	150 days	½ inch	50 feet	8 lbs.	15 inches	3 inches
Spinach	All year round	45 days	½ inch	100 feet	8 lbs.	1 foot	3 inches
Squash, Summer	May—June	65 days	1 to 2 inches	25 hills	4 to 6 lbs.	3 to 4 ft. hills	3 to 4 ft. hills
Squash, Winter	May—June	150 days	1 to 2 inches	15 hills	3 to 4 lbs.	6 to 8 ft. hills	6 to 8 ft. hills
Tomato	February—May	150 days	¼ inch	2,500 plants	¼ lb.	4 feet	4 feet
Turnip	August—April	60 to 70 days	½ inch	200 feet	3 to 4 lbs.	12 to 15 inches	3 to 4 inches

SOME PLANTING SUGGESTIONS

To prepare soil for planting, irrigate to soak down a foot or more and when sufficiently dry, spade, pulverize and level. Sow seeds in this freshly turned moist soil and firm the soil to the seeds by tamping with the back of the rake.

Do not sprinkle; there is sufficient moisture in this soil to sprout the seeds. Sprinkling especially on heavy soils, will crust the surface, and poor germination may result. After the sprouts show through the surface, irrigate or sprinkle thoroughly. It is not necessary to sprinkle every day.

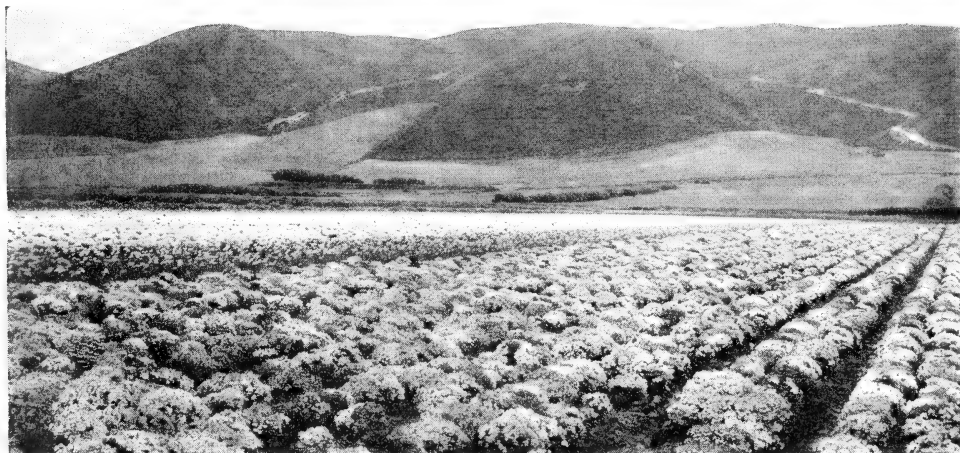
One good irrigation every week or ten days should suffice, if the soil contains humus.

Humus is decomposing organic such as leaves, straw, discarded garden plants, etc. You must add such materials to your soil regularly. An occasional application of lime is good too for all but shade plants. Broadcast lime on the surface and cultivate it into the soil.

Sow the seeds of tomato, pepper, and cabbage in beds or flats for transplanting. In San Francisco plant tomatoes as early in the spring as possible. Late plantings at our Nursery Gardens do not set fruit.

Visit HALLAWELL'S NURSERY GARDENS often—here you may get some helpful suggestions by observing our plantings.

HALLAWELL'S CALIFORNIA FLOWER SEEDS



Seed Field, Hallawell's Flower Seeds

ABRONIA

Sand Verbena—Planting time, August to March

GRANDIFLORA—A hardy perennial trailing plant with numerous clusters of sweet scented rosy lilac flowers. Thrives in dry situations and rockeries. Sow seed in the fall or early spring in the open in hills three or four feet apart, and three or four seeds in each hill. (Pkt. 10c) ($\frac{1}{4}$ oz. 45c)

AGATHEA

Blue Daisy—Planting time, May to October

COELESTIS—Sky blue flowers with yellow disc growing 1 foot tall. A hardy perennial remaining in bloom all year round. Useful for window boxes. Sow the seed in boxes to transplant. (Pkt. 15c) ($\frac{1}{8}$ oz. 50c)

ALONSOA

Mask Flower—Planting time, February to May

WARSCIEWICZI COMPACTA—A charming variety of compact habit with racemes of bright vermilion-scarlet flowers; a free flowering, half hardy annual which grows 1 foot tall and thrives best in a sunny situation. Sow the seeds in boxes in early spring and transplant when danger from frost is over. (Pkt. 15c) ($\frac{1}{4}$ oz. 45c)

ANAGALLIS

Pimpernel—Planting time, September to June

Lovely dwarf hardy annual plants, 6 inches high. Very effective as edgings, also useful in rockeries. Sow the seed in the fall or spring where it is to remain.
GRANDIFLORA BLUE—(Pkt. 15c) ($\frac{1}{4}$ oz. 45c)

ANTIGONON

Coral Vine—Planting time, March to July

Leptopus—A strikingly beautiful climber, flowering from early spring to late autumn. It thrives in the heat, growing 20 to 30 feet high, and is covered with a mass of lovely coral-rose flowers. The plants form tubers and when killed down by frost, sprout again in the spring. It is well to be cautioned against the use of too much fertilizer which has a tendency to promote vine growth at the expense of flowers, but it does need plenty of water. We recommend it for San Joaquin Valley and similar climates. (Pkt. 35c)

AQUILEGIA

Columbine—Planting time, April to October

A hardy perennial of graceful habit growing 2 to 3 feet high. The attractive flowers produce an array of color from May to July. They succeed best in partial shade and are of value for cutting. Seeds shown in early summer or fall will bloom the following spring. Start seed in boxes to transplant.

CHRYSANTHA—Golden yellow. (Pkt. 15c) ($\frac{1}{8}$ oz. 60c)

LONGISSIMA (Award of Merit, R. H. S.)—Delicate yellow flowers with extremely long spurs. (Pkt. 50c)

LONG SPURRED PINK HYBRIDS—A beautiful selection of pink and rose shades. (Pkt. 25c) ($\frac{1}{8}$ oz. 75c)

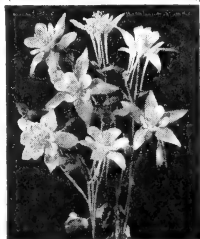
LONG SPURRED BLUE HYBRIDS—Blue and lavender shades. (Pkt. 25c) ($\frac{1}{8}$ oz. 75c)

LONG SPURRED ORANGE and SCARLET HYBRIDS—Very fine. (Pkt. 25c) ($\frac{1}{8}$ oz. 75c)

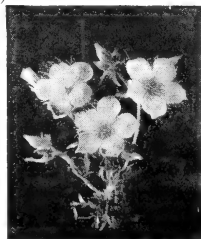
SNOW QUEEN—White; fragrant. (Pkt. 25c) ($\frac{1}{8}$ oz. 75c)

HALLAWELL'S SELECT HYBRIDS—The strain far surpasses any strain we have ever had in our nursery gardens. The blooms are of large size and the range of color quite complete. (Pkt. 25c) ($\frac{1}{8}$ oz. 85c)

LONG SPURRED HYBRIDS, MIXED—A great variety of colors. (Pkt. 15c) ($\frac{1}{8}$ oz. 75c)



Aquilegia



Bartonia



Ageratum, Midget Blue

AGERATUM

Floss Flower—Planting time, January to May

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.

MIDGET BLUE—Very dwarf and compact variety; only 3 to 4 inches tall, with a spread of 12 inches. The dense plants are practically smothered with true ageratum-blue flowers. (Pkt. 25c) ($\frac{1}{4}$ oz. 60c)

BLUE BALL—Deep blue, compact, ball-shaped plants 6 inches high, of uniform growth, bearing small flowers in great profusion for a long season. (Pkt. 15c) ($\frac{1}{4}$ oz. 45c)

BLUE PERFECTION—Deep blue, 1 foot high. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

IMPERIAL DWARF WHITE—Eight inches high; flowers white. (Pkt. 15c) ($\frac{1}{4}$ oz. 35c)

PURPLE PERFECTION—6 inches. (Pkt. 15c) ($\frac{1}{4}$ oz. 35c)

ALYSSUM

Madwort—Planting time, Year Round

For borders, edgings, and rockwork. In borders, sow thickly to form masses. For winter bloom, 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. 40c)

MARITIMUM CARPET OF SNOW—Dwarf and a very dense grower; fine for edgings; very floriferous. Hardy annual. (Pkt. 15c) ($\frac{1}{4}$ oz. 40c)

LILAC QUEEN—Flowers light lilac, well suited for bedding or ribbon bordering, the plants being erect and compact. (Pkt. 15c) ($\frac{1}{4}$ oz. 40c)

HALLAWELL'S SPECIAL VIOLET QUEEN (New)—Bright violet in color; the plant habit is dwarf upright. (Pkt. 25c) ($\frac{1}{4}$ oz. 40c)

PERENNIAL ALYSSUM

SAXATILE COMPACTUM (Gold Dust)—Single plants easily cover a square foot in a year, and produce many hundreds of bright yellow flowerheads. Grayish foliage. Hardy perennial, 1 foot. (Pkt. 15c) ($\frac{1}{4}$ oz. 35c)

SAXATILE SILVER QUEEN—Pale yellow, good compact habit; especially good for edging and rockeries; hardy perennial. (Pkt. 25c) ($\frac{1}{4}$ oz. 50c)

ANCHUSA

Alkanet—Planting time, August to May

Hardy annuals and perennials producing brilliant blue forget-me-not-like flowers. Sow the seed of the annual sorts in the fall or early spring. The perennial sorts should be sown in the summer or early fall for next season's bloom.

BLUE BIRD—Flowers are a vivid indigo-blue. Plants are compact and of even habit; 18 inches high. Annual. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)

ITALICA LISSADELL—An improved form of the Dropmore variety, growing about 5 feet high with sprays of extra large, bright gentian blue flowers. Perennial. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)

ANEMONE

Windflower—Planting time, July and August

A great variety of colors, and they bloom very early in spring. The woolly seed should be rubbed with sand and the two may be sown together in the fall for next season's bloom; keep shaded until plants appear and when of suitable size thin to 6 inches apart.

CAEN or **GIANT SINGLE** (Hallawell's Strain)—Mixed colors. (Pkt. 25c) ($\frac{1}{4}$ oz. \$1.00)

ST. BRIGID (Hallawell's True Irish Strain)—Mixture of semi-double and double flowers. (Pkt. 25c) ($\frac{1}{4}$ oz. 35c)

ARABIS

Rock Cross—Planting time, May to October

A hardy trailing Alpine perennial bearing white flowers on erect spikes. Blooms early in sunny rockeries or borders. (Pkt. 15c) ($\frac{1}{4}$ oz. 40c)

BARTONIA

Blazing Star—Planting time, September to May

AUREA (Mentzelia Lindleyi)—A California wild flower producing showy golden yellow flowers above its gray 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) ($\frac{1}{4}$ oz. 45c)



Anemone, Caen

Hallawell's Snapdragons

ANTIRRHINUM

Rust Resistant Strains—Planting time, Year Round

Snapdragons grow best in a rather light soil in a sunny situation, and though perennial are best treated as annuals. For early flowering sow in the fall, protecting the plants from frost. Sown in spring, they bloom in mid-summer until frost. Hallawell's Rust Resistant Snapdragons are offered as being the best obtainable, and although not entirely immune to rust, will flower much more satisfactorily than the old type. It has been found that different species of rust perhaps exist, and that the totally resistant strain is yet to be achieved.

MAXIMUM TYPE

Height, 3 to 4 feet

ALASKA. Pure white.
 CAMPFIRE. Luminous scarlet, yellow lip.
 CANARY BIRD. Canary yellow.
 COPPER KING. New. Bright bronzy copper.
 CRIMSON MONARCH. Rich crimson.
 LOVELINESS. Soft rose pink.
 PINK SENSATION. Pure pink.
 ROSALIE. Deep rose with undertone of topaz-amber.
 SALMON ROSE SHADES. Bright yellow lip.
 YELLOW GIANT. Deep yellow.

Above separate colors (Pkt. 15c) ($\frac{1}{8}$ oz. 50c)

HALLAWELL'S SELECT MIXTURE—A selected strain containing many new shades. (Pkt. 15c) ($\frac{1}{8}$ oz. 65c)

HALLAWELL'S STRAIN, SUPER MAJESTIC

Height, 20 to 30 inches

AUTUMN GLOW SHADES. Old rose, yellow lip.
 DAINTY. Lovely soft pink, as its name implies.
 HARMONY SHADES. Terra cotta and yellow.
 ORANGE SHADES. Deep and light shades.
 RED ROCKET. Fiery red.
 ROSE SENSATION. Finest rose pink.
 SHASTA. Pure white.
 SILVER PINK. Lovely clear pink.
 YELLOW JACKET. Deep yellow.

Above separate colors (Pkt. 25c) ($\frac{1}{8}$ oz. 60c)

HALLAWELL'S SUPER MAJESTIC MIXTURE — (Pkt. 25c) ($\frac{1}{8}$ oz. 60c)

INTERMEDIATE TYPE

Height, 18 to 24 inches

HALLAWELL'S INTERMEDIATE MIXTURE—(Pkt. 15c) ($\frac{1}{8}$ oz. 40c)

ASPARGUS

Fern Asparagus—Planting time, January to May

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. 15c) (100 seeds 45c)

SPRENGERI (Emerald Feather)—An easily grown, feathery-leaved variety with drooping branches. The best variety for hanging baskets. (Pkt. 15c) (100 seeds 45c)

AUSTRALIAN PEA VINE—See Dolichos.

BALSAM

Lady Slipper—Planting time, February to June

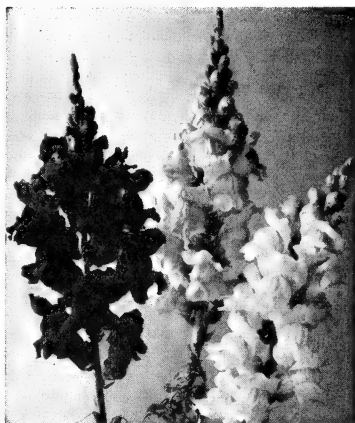
A tender annual. Grows about 12 inches high. Plants are profusely covered with large double wax-like flowers of brilliant colors—some self-colored, others blotched, spotted, and striped. Sow the seed in spring in boxes to transplant or out of doors when danger of frost is over. Set the plants 18 inches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

CAMELLIA FLOWERED MIXED—Resembles a Camellia in its perfect shape. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

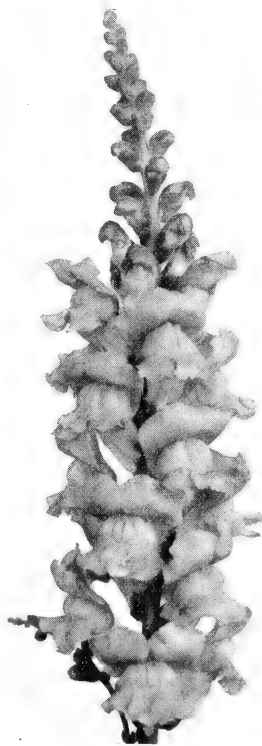
BALSAM APPLE

Momordica—Planting time, March to May

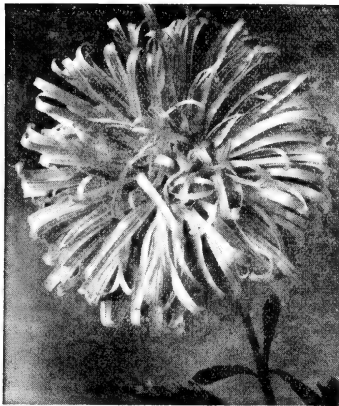
Rapid growing annual climber useful for covering unsightly places. Yellow flowers followed by ornamental scarlet fruits. (Pkt. 15c) ($\frac{1}{4}$ oz. 30c)



Snapdragon, Super Majestic



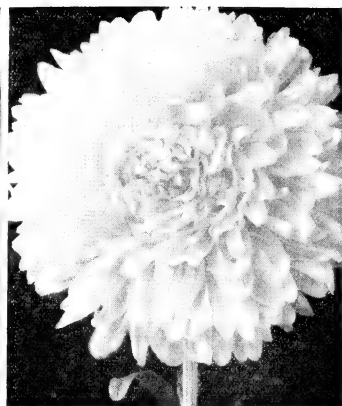
Snapdragon, Rosalie



Early Giant Type



Crego Giant



Early Royal

HALLAWELL'S CALIFORNIA ASTERS

Asters bloom during August and September. Seeds may be sown in boxes January to June and plants set 1 foot apart when ready for transplanting. For a succession of blooms plant early, medium, and late varieties.

HALLAWELL'S PRINCESS ASTERS (Wilt Resistant)

These lovely asters are medium sized with crested center surrounded by several rows of guard petals. The plants grow 2-2½ feet tall and provide good long stems for cutting. Excellent for flower arrangements.

PRINCESS ANNE—Peach blossom pink. (Pkt. 25c)
PRINCESS BONNIE—Soft salmon rose. (Pkt. 25c)
PRINCESS MARSHA—Rich scarlet. (Pkt. 25c)

EARLY GIANT (Wilt Resistant)

A fine new class of aster, bearing in early September, flowers of the California Giant type with broad, gracefully curled and intertwined petals. Six to eight very large flowers are produced on compact plants 1½ to 2 feet tall, with the branches coming from low on the central stem.

PEACH BLOSSOM—Opens wide and changes to light pink.

LIGHT BLUE—A fine color for blending with the above.
ROSE MARIE—Rich rose.

Each of above or Mixture. (Pkt. 25c) (½ oz. 75c)

CALIFORNIA GIANTS

A splendid strain of branching habit, plants grow 3 to 3½ feet high with long strong stems 18 to 24 inches in length bearing beautifully formed curled interlaced flowers 3 inches and over across. Deep Rose, Light Blue, Peach Blossom (delicate pink), Purple, White—Any of the above. (Pkt. 15c) (½ oz. 65c)
Mixture of all colors. (Pkt. 15c) (½ oz. 60c) (¼ oz. \$1.00)

CREGO GIANT (Wilt Resistant)

This fine variety grows over 2 feet tall and is well branched, of free sturdy growth. The fluffy, graceful flowers are rarely less than 4 inches across and frequently over 5 inches. Fine for cutting. Cattleya (orchid), White, Shell Pink, Rose, Crimson, Azure Blue, Purple, Salmon Rose. Any of above. (Pkt. 15c) (½ oz. 45c) (¼ oz. 75c)
Mixture of all colors. (Pkt. 15c) (½ oz. 45c) (¼ oz. 75c)

SINGLE CALIFORNIA GIANTS (Wilt Resistant)

The long narrow petals extend outward from small yellow centers, making a large and attractive daisy-like flower. Plants are robust and the flower stems long; September blooming. Deep Lavender, Deep Pink, Purple, White, or Mixture. (Pkt. 15c) (¼ oz. 35c)

EARLY ROYAL (Wilt Resistant)

An early flowering aster, coming into bloom in August, with rounded double flowers carried on long stems. The plant grows 2 feet high and branches near the ground. Deep Rose, White, Lavender, Shell Pink, Purple, Scarlet. Any of the above. (Pkt. 15c) (½ oz. 40c)
Collection of one packet each of the above 5 colors, 65c.
Mixture of all colors. (Pkt. 15c) (½ oz. 40c)

HALLAWELL'S CALIFORNIA SUNSHINE IMPROVED ASTERS

These are the aristocrats of the Aster family. The flowers are 4 to 5 inches across, being a single row of loosely placed outer petals, enhanced by a cushion center of tiny quills in contrasting colors. Rose, Enchantress Pink, Light Blue, Purple, White, Mixture. Any of the above. (Pkt. 25c) (½ oz. 85c)

GOLDEN SHEAF

The deepest yellow aster and the only yellow aster that is wilt resistant. The flowers are fully double with an attractive crest-like center. 2 feet high. (Pkt. 15c) (½ oz. 45c)

HEART OF FRANCE (Wilt Resistant)

The best of the red asters, the color being a rich garnet. The plants are of free branching habit, growing 18 inches high and producing flowers about 3½ inches across. (Pkt. 15c) (½ oz. 60c)

LATE BEAUTY (Wilt Resistant)

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, September Beauty (delicate pink), Purple Beauty, Rose Beauty, White Beauty—Any of the above. (Pkt. 15c) (½ oz. 60c)
Mixture of all colors. (Pkt. 15c) (½ oz. 60c) (¼ oz. \$1.00)

SEMPLER or LATE BRANCHING (Wilt Resistant)

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. Comes into flower in September.
Mixture of all colors. (Pkt. 15c) (½ oz. 35c) (¼ oz. 60c)

ASTER

Michaelmas Daisy—Planting time, May to October
Beautiful hardy fall flowering perennials. Flowers are single in shades of lilac, blue and mauve.

NEW LARGE FLOWERED—Mixed. 1 to 3 feet tall. (Pkt. 15c)

*Arctotis Hybrids***ARCTOTIS**

African Daisy—Planting time, September to May

GRANDIS—The African Lilac Daisy. Handsome annual forming branched bushes 2 to 2½ feet in height. Pearl white flowers with mauve center, with the reverse of the petals pale lilac. Sow the seed in the fall or early spring, either in boxes to transplant or outside. (Pkt. 10c) (¼ oz. 45c)

GIANT HYBRIDS—An interesting annual from South Africa. The plants grow to a height of 12 inches, are very free-flowering, and the color range is exceedingly varied. The flowers, which resemble the Transvaal Daisy, are 2½ to 3 inches in diameter, and are borne above the foliage on wiry stems. (Pkt. 25c) (¼ oz. \$1.00)

BEGONIA

Tuberous Rooted—Planting time, January to August

Splendid for pot culture or for growing outside in sheltered position, blooming the first season from seed, if sown January to March in a temperature of 60 degrees. **SINGLE**—Finest Mixed. (Pkt. 35c)

DOUBLE—Extra choice mixture. (Pkt. 50c)

LLOYDI—Trailing or Pendulous type. Flowers double, in assorted shades. Ideal for hanging baskets. (Pkt. 50c)

Fibrous Rooted—Planting time, January to August

These dwarf varieties are valuable for bedding, doing equally well in full sunlight or in partially shaded positions. They flower from May until frost. Half hardy perennials.

ERFORDIA—Rosy carmine. 12 inches. (Pkt. 35c)

FIRE DWARF—Bright scarlet and dark green bronzy foliage. Extra dwarf. (Pkt. 50c)

FIRE SEA—Red with green foliage. Compact; 6 inches. (Pkt. 35c)

HETEROSA—Pink and red mixed. The largest flowered fibrous begonia, foliage green and bronze. 12 inches. (Pkt. 50c)

LUMINOSA COMPACTA—Scarlet, crimson foliage, 6 inches. (Pkt. 35c)

PINK ENCHANTRESS—Green foliage, 6 to 8 inches. (Pkt. 35c)

PRIMA DONNA—Light rose, deeper at center, 12 inches. (Pkt. 35c)

PURITY—White, green foliage, 12 inches. (Pkt. 35c)

BRACHYCOME

Swan River Daisy—Planting time, February to June

A planting of this lovely flower at our Nursery Gardens attracted unusual attention. It is not new, but is little known to the home gardener. An annual, 12 to 15 inches high with masses of blue and white flowers in summer. Mixture. (Pkt. 15c) (½ oz. 35c)

BROWALLIA

Amethyst—Planting time, January to June

ELATA BLUE—Very free-flowering, half hardy annual, covered with bright blue flowers. Used both for bedding and cutting; height 18 inches. (Pkt. 15c) (½ oz. 40c)

CANARY BIRD VINE

Tropaeolum—Planting time, March to June

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) (½ oz. 25c) (oz. 40c)

CANDYTUFT

Iberis

Requires plenty of sunshine and only a moderate amount of watering. Seeds sown in autumn produce flowers early in spring; when sown in April, flowers from July to September.

TALL ANNUAL VARIETIES—Height 1 foot
Planting time, Year Round

ALBIDA—Creamy white. (Pkt. 10c) (½ oz. 30c)

CRIMSON or PURPLE—(Pkt. 10c) (½ oz. 30c)

LAVENDER—Delicate shade of lilac. (Pkt. 10c) (½ oz. 30c)

ROSE CARDINAL—Deep rosy cardinal. (Pkt. 10c) (½ oz. 40c)

SPLENDID MIXED—(Pkt. 10c) (½ oz. 30c) (oz. 50c)

GIANT HYACINTH FLOWERED or IMPROVED EMPRESS—Very large heads and long spikes of white flowers. Best sort for cut flowers. 1½ feet. Extra select strain. (Pkt. 10c) (¼ oz. 45c)

DWARF ANNUAL VARIETIES—Height 6 inches
Planting time, Year Round

DWARF LAVENDER—(Pkt. 10c) (¼ oz. 25c)

DWARF PINK—(Pkt. 10c) (¼ oz. 25c)

DWARF HYBRIDS MIXED—Plants of fine compact growth in a large range of colors. Sow in the late spring or summer as the plants will grow tall if the seed is sown early. (Pkt. 10c) (¼ oz. 25c) (oz. 70c)

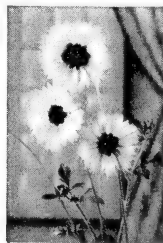
PERENNIAL SORTS—Height 1 foot
Planting time, May to October

Sow in summer or early fall for next season's bloom.

Start seed in boxes and transplant.

SEMPERVIRENS—Pure white. (Pkt. 15c) (¼ oz. 60c)

GIBALTARICA—Lilac shading to white. (Pkt. 15c) (½ oz. 50c)

*Campfire**Calliopsis*



Calendula, Orange Sunshine

CALENDULA

Cape or Winter Marigold—Planting time, Year Round
Free flowering hardy annuals which are excellent for bedding and cutting. Sow in the open and thin or transplant to 1 foot apart; sow in January, May and August for a succession of blooms.
Volunteers produce inferior flowers and should be removed as soon as they appear.

- BALL APRICOT**—Large flowers; soft apricot with dark eye. (Pkt. 15c) (¼ oz. 40c)
BALL GOLD—Deep golden yellow of extra large size; fine long stem. (Pkt. 15c) (¼ oz. 40)
BALL ORANGE—Immense rich orange flowers carried on long stems. (Pkt. 15c) (¼ oz. 40c)
CAMPFIRE (Sensation)—Large double, brilliant orange colored flowers with a scarlet sheen; stems are stout and long. (Pkt. 15c) (¼ oz. 35c) (½ oz. 60c) (oz. \$1.00)
LEMON KING ("Extra Select")—Very large, rich lemon-yellow. (Pkt. 15c) (½ oz. 35c) (oz. 60c)
ORANGE KING (Hallawell's Select Strain)—Very large, deep orange-red with dark center. We consider this the finest strain in existence. (Pkt. 15c) (½ oz. 45c) (oz. 75c)
ORANGE SUNSHINE—Clear orange. (Pkt. 15c) (½ oz. 35c) (oz. 60c)
SUNSHINE (Chrysantha)—Large double, buttercup-yellow flowers on exceptionally long, stout stems. The petals are long, wide and drooping, giving the flowers a globular appearance. (Pkt. 15c) (¼ oz. 45c) (oz. 75c)
YELLOW COLOSSAL (New)—Extra large lemon-yellow flowers, similar to but larger than variety sunshine. (Pkt. 15c) (¼ oz. 45c)
MIXED—(Pkt. 10c) (oz. 30c) (¼ lb. \$1.00)
HALLAWELL'S SPECIAL MIXTURE—Large flowered varieties. (Pkt. 15c) (oz. 60c) (¼ lb. \$1.75)

CALLIOPSIS

Annual Coreopsis—Planting time, February to June
Showy and beautiful free-flowering annuals, doing well in any sunny position, and excellent for cutting and massing. Sow them where they are to bloom, in spring, thinning out to stand 6 inches to 12 inches apart.
GOLD CREST—Rich golden yellow with red-brown center. Semi-double flowers 2½ to 3 inches across. Height 18 inches. (Pkt. 15c) (¼ oz. 40c)
TIGER STAR—Dwarf variety, not over 9 inches high. Flowers a rich reddish brown tigered with golden yellow. (Pkt. 10c) (¼ oz. 25c)
TALL MIXED—A gorgeous mixture of golden yellow, brown, maroon and other shades. (Pkt. 10c) (¼ oz. 25c)

For perennial sorts see Coreopsis

CALCEOLARIA

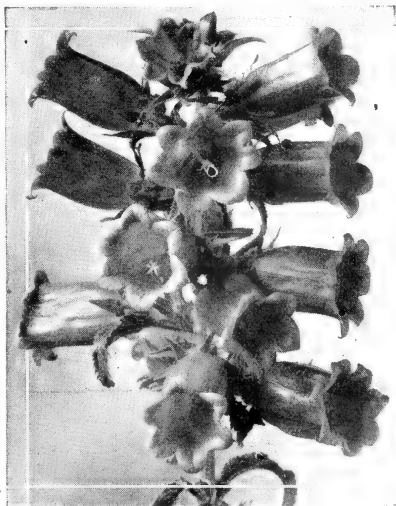
Pouch Flower—Planting time, May to September
This ornamental, annual greenhouse plant produces a mass of beautiful pouch-shaped flowers in spring, many of which are tigered or spotted. Sow the seed from June to September for next spring's bloom.
GRANDIFLORA—Flowers of large size and beautifully marked in a great variety of colors. (Pkt. 50c)

CAMPANULA

Canterbury Bells
Well known, beautiful hardy herbaceous perennials and biennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil.

- Biennial**—Planting time, April to October
SINGLE—(Campanula Medium)—A hardy biennial, blooming in second year from seed. Grows about 2½ feet high and bears single bell-shaped flowers in blue, white, purple and pink colors. For next summer's bloom sow seed in boxes from April 15 to August 15 and transplant when well started. **Single Mixed**. (Pkt. 10c) (¼ oz. 35c)
CUP and SAUCER TYPE—In this variety the outer petals form a large brim, like a saucer. **Blue, White, Rose, Lavender**. (Pkt. 15c) (½ oz. 75c). **Finest Mixed**. (Pkt. 15c) (½ oz. 60c)

- Perennial**—Planting time, May to October
PERSICIFOLIA GRANDIFLORA (Peach-Bell)—Perennial; 4 feet; large flowered. **Blue, White, Mixed**. (Pkt. 25c)
PERSICIFOLIA TELHAM BEAUTY—Immense bell-shaped flowers of a pale china-blue, produced on long stems. (Pkt. 25c)
PYRAMIDALIS (Chimney Bellflower)—Large flowers on tall (6 foot) spikes; blooms late; perennial. **Blue, White, Mixed**. (Pkt. 25c)
CARPATICA (Carpathian Harebell)—A dwarf perennial, 9 inches, for rockeries, edges and beds. **Blue, White, Mixed**. (Pkt. 25c)
Annual Canterbury Bells—Planting time, Sept. to Feb. These beautiful flowers will begin blooming in August from seed sown in February. The plants grow 2 to 2½ feet tall, each plant having from 6 to 8 spikes of bloom.
LIBERTY BELL—Violet-blue. (Pkt. 15c) (½ oz. 50c)
MISSION BELL—Clear pink. (Pkt. 15c) (½ oz. 50c)
WEDDING BELL—Pure white. (Pkt. 15c) (½ oz. 50c)
SELECT MIXTURE—(Pkt. 15c) (½ oz. 50c)



Campanula Annual

CACTUS

Planting time, February to September

Select a shallow pot, bowl or low coffee can having holes in the bottom. Fill with equal parts of coarsely sifted sand and leaf mold. Select a warm situation, 70 degrees minimum, but protected from direct sunlight. Place container in a vessel of water until soil is moist at top, and sow seeds evenly, covering with coarse sand or small gravel; never with soil. Cover with a pane of glass until germination starts and keep moist. Transplant first seedlings into another pot, less moist and uncovered. Continue watering seed pot as others will germinate even after several weeks.

SPECIAL MIXTURE—Contains easily grown flowering varieties, including rare sorts. (Pkt. 25c)

CARNATION

Dianthus caryophyllus—Planting time, August to March. They bloom within a few months after sowing of seed and continue to produce flowers in great profusion indefinitely. Sow in boxes in the fall or early spring. The florists' varieties are propagated from cuttings.

CHABAUD'S EVERBLOOMING—Very free blooming, produces a large percentage of double flowers. Hallawell's Strain, Flesh Pink, White, Crimson, Deep Rose, Cardinal-Red, Salmon-Rose, Yellow—Any of the above. (Pkt. 20c) ($\frac{1}{8}$ oz. 85c)

CHABAUD'S GIANT MIXED—(Pkt. 15c) ($\frac{1}{8}$ oz. 85c)

ENFANT DE NICE—The result of a cross between Chabaud's Giant improved and Carnation Perpetual. The plants are of robust, upright habit, with long, strong stalks bearing flowers 2 to 3 inches in diameter. May be treated as an annual. The color comes about 75 per cent true from seed and about 90 per cent of the plants come double. Flesh Pink, Red, Rose, Light Salmon, White, Striped—Any of the above. (Pkt. 25c) ($\frac{1}{8}$ oz. \$1.50). Finest Hallawell's Strain Mixed. (Pkt. 25c) ($\frac{1}{8}$ oz. \$1.15)

CASTOR OIL BEAN—See Ricinus.



Centaurea Imperialis

CENTAUREA

CYANUS—Bachelor Button or Cornflower

Planting time, September to April

Of easy culture, sow the seed either in the fall or spring in boxes to transplant or sow where the plants are to remain and thin to 4 inches.

JUBILEE GEM—Double blue flowers. Annual; height, 1 foot. (Pkt. 15c) ($\frac{1}{8}$ oz. 45c)

BLUE BOY—Large semi-double blue flowers; plants of vigorous growth. (Pkt. 10c) ($\frac{1}{4}$ oz. 40c)

DOUBLE MIXED—(Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

IMPERIALIS—Royal Sweet Sultan

Planting time, September to April

The large thistle-like blossoms are borne on long strong stems; when cut will last in good condition for several days; 2½ feet tall. Sow in the fall or early spring.

PURE WHITE, ROSE, LAVENDER, and YELLOW (Sauveolens).

Any of the above colors. (Pkt. 15c) ($\frac{1}{4}$ oz. 45c)

MIXED COLORS—(Pkt. 10c) ($\frac{1}{4}$ oz. 35c)

VARIOUS CENTAUREAS

AMERICANA—A splendid native annual variety; grows 3½ feet high and bears immense thistle-like blooms of rosy lavender color. (Pkt. 15c) ($\frac{1}{4}$ oz. 25c)

CANDIDISSIMA, WHITE LEAVED, or DUSTY MILLER—Grown for its silvery white foliage; used for borders, carpet bedding; 1 foot; perennial. (Pkt. 15c) ($\frac{1}{8}$ oz. 75c)

CERASTIUM

Snow in Summer—Planting time, May to October

TOMENTOSUM—Very pretty dwarf white leaved plant, with small white flowers; invaluable for rockeries and edgings; hardy perennial. Start in boxes to transplant. (Pkt. 15c) ($\frac{1}{8}$ oz. 25c)

CHEIRANTHUS

Siberian Wall Flower—Planting time, August to March

ALLIONI—An exceedingly showy rock and border plant bearing colorful flowers throughout spring and summer if seed pods are removed. 1 foot. Will flower freely through the summer from seed sown early in spring. For early flowering sow in late summer.

GOLDEN BEDDER—Yellow. (Pkt. 10c) ($\frac{1}{4}$ oz. 35c)



Carnation, Enfant de Nice

CELOSIA

HALLAWELL'S FINEST STRAINS
Cockscomb—Planting time, February to May

Very attractive and showy annual, producing massive heads of rich shades of crimson and yellow flowers. Does best started in a hotbed and transplanted into very rich soil after weather is warm. Set the plants a foot or more apart. Tender annuals.

FIERY FEATHER—Bright fiery scarlet heads on plants about 12 inches high. Suitable for borders or for pot culture. (Pkt. 25c) (½ oz. 50c)

LILLIPUT GOLDEN FEATHER—Golden yellow; same habit as above. (Pkt. 25c) (½ oz. 50c)

PLUMOSA MAGNIFICA (Improved Feathered Cockscomb)—Of pyramidal growth attaining a height of 3 feet, and producing feathery plumes of the most brilliant colors. **Crimson, Scarlet, or Yellow.** Each (Pkt. 15c) (½ oz. 35c)

PLUMOSA MAGNIFICA MIXED—(Pkt. 15c) (½ oz. 30c)

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 feather heads, in wide range of colors. (Pkt. 15c)

CHILDSI (Chinese Woolflower)—Grows 2 to 3 feet high, bearing brilliant flowers that resemble balls of silky wool. **Mixture.** (Pkt. 15c) (½ oz. 35c)

CRISTATA GLASGOW PRIZE—A dwarf crimson variety, 6 or 8 inches high, with very wide combs. Valuable for borders and edging. (Pkt. 15c) (½ oz. 45c)

CRISTATA DWARF EMPRESS—Wide blood red combs, brown foliage, dwarf. (Pkt. 15c) (½ oz. 35c)

CRISTATA DWARF YELLOW—(Pkt. 15c) (½ oz. 35c)

CRISTATA DWARF MIXED—Extra select mixture of rich colors. (Pkt. 15c) (½ oz. 45c)

CRISTATA TALL CRIMSON—(Pkt. 15c) (¼ oz. 50c)

CRISTATA TALL MIXED—(Pkt. 15c) (¼ oz. 50c)

CONVOLVULUS

Morning Glory—Planting time, March to May

Annual climbers of rapid growth which bloom for a long period and delight in sun. Soak the seed for two hours in warm water to hasten germination; sow late in spring. **TALL MIXED**—Attain a height of 15 feet. (Pkt. 10c) (½ oz. 25c)

DWARF MIXED—(Pkt. 10c) (½ oz. 25c)

MOONFLOWER—See Ipomoea.



Cineraria, California Super Giant

CINERARIA

Planting time, June to March

These plants are invaluable for the decoration of the conservatory or for bedding outside in partial shade; unsurpassed for richness and variety of vivid colors, ranging through all shades of blue, purple and crimson; the seed is easily started and the plants grow readily in good ordinary soil. Sow in boxes in the summer for spring blooming, or early in spring for late summer flowering.

CALIFORNIA SUPER GIANTS MIXED—The huge flowers measure from 3 to 5 inches across and are borne in immense rounded trusses above the dark green foliage. The colors range from pastel salmons, azure blue and snowy white to the deepest blood-red and violet-blues. Plants are compact in habit, 15 to 18 inches high. (Pkt. 50c) (Large pkt. \$1.25)

SUPER GIANT BLUE SHADES—(Pkt. 50c)

SUPER GIANT SALMON SHADES—(Pkt. 50c)

MULTIFLORA NANA MIXED—Dwarf plants, 10 inches, with masses of small flowers in compact heads. (Pkt. 50c)

BEDDING MIXTURE—Semi-Dwarf, large flowered. (Pkt. 35c) (Large pkt. 75c)

CREMER'S PRIZE STRAIN—Fine trusses made up of a multitude of medium sized flowers with wide, often overlapping petals. For low bedding or pot specimens. (Pkt. 50c) (Large pkt. \$1.25)

CHRYSANTHEMUM

Painted Daisy—Planting time, October to June

Summer-blooming annuals, of compact growth, producing quantities of gay, single flowers, 2 inches across, and of striking beauty; very effective for flower beds and for cut flowers. 2 to 2½ ft. Sow the seed in spring. In mild sections seed may also be sown in the fall for early bloom.

CHAMELEON—Autumn tints; fine. (Pkt. 10c) (¼ oz. 35c)

THE SULTAN—Dark copper with yellow zone (Pkt. 10c) (¼ oz. 35c)

ELDORADO—Golden yellow, dark eye. (Pkt. 10c) (¼ oz. 35c)

EVENING STAR—A splendid variety for cutting. Pure golden yellow. 3 inches in diameter. (Pkt. 10c) (¼ oz. 35c)

NORTHERN STAR—Large, pure white with yellow center and dark disc. (Pkt. 10c) (¼ oz. 35c)

SINGLE MIXED—(Pkt. 10c) (¼ oz. 35c)

CARINATUM DOUBLE and SINGLE MIXED—The flowers are double and semi-double, with some singles and come in a great variety of colors and are fine for cutting. (Pkt. 10c) (¼ oz. 35c)



Annual Chrysanthemum

CLARKIA ELEGANS

Planting time, September to June

We thought everyone knew Clarkia but last spring a large planting of it at our Nursery Gardens excited the curiosity of hundreds of visitors. It makes a fine showing and is very good for cutting. Sow plenty of seed and sow it thick. When the plants are crowded they grow tall and make good cut flowers.

HALLAWELLS' DOUBLE FLOWERING CLARKIAS**BRILLIANT**—Very bright carmine-rose.**PURPLE QUEEN**—Rich purple.**SALMON QUEEN**—Salmon-pink flowers.**SCARLET BEAUTY**—Brilliant scarlet.**WHITE**—Pure white.

Each of above: (Pkt. 15c) (¼ oz. 40c)

ELEGANS DOUBLE MIXED—An extra select strain.

(Pkt. 15c) (¼ oz. 65c)

SINGLE AND DOUBLE MIXTURE—California Wild Flower. (Pkt. 10c) (¼ oz. 55c)**CLEOME**

Planting time, February to June

HALLAWELL'S GIANT PINK QUEEN—(Pkt. 25c) (¼ oz. 75c)**COBAEA SCANDENS****Cathedral Bells**—Planting time, August to March

A very fine and rapid-growing climber, with large bell-shaped purple flowers and beautiful foliage. Needs rich soil; plant seeds edgewise and cover lightly. (Pkt. 10c) (¼ oz. 55c)

COLEUS**Flame Nettle**—Planting time, February to May

Richly colored ornamental foliage plants for house culture. Although perennials they attain perfection from seed the first year.

RAINBOW MIXTURE—(Pkt. 25c)**COLLINSIA BICOLOR**

Planting time, September to May

Annual, 1 to 2 feet; flowers violet and white. A California wild flower; prefers shade. Sow seed in the open ground any time in the fall until May.

(Pkt. 10c) (¼ oz. 50c) (oz. \$1.50)

COLUMBINE—See Aquilegia.*Coreopsis Sunburst***COREOPSIS**

Perennial Calliopsis—Planting time, August to March

A perennial with light, graceful foliage and beautiful golden flowers. Blossoms in midsummer and is one of the best yellow cut flowers. Will bloom the first season if sown early. Sow the seed in boxes and transplant to 1 foot apart.

HALLAWELL'S DOUBLE SUNBURST—This new strain produces a good percentage of semi-double flowers and is just as easy to grow as the single flowering form and the extra petalage adds a further charm to the flower. (Pkt. 15c) (¼ oz. 40c)

MAYFIELD GIANT—A variety of Australian origin. It produces a taller and more vigorous plant than the Grandiflora, with longer and firmer stems and larger individual blooms. The color is the same familiar yellow, if anything, a shade more intense. (Pkt. 15c) (¼ oz. 35c)

DAHLIA

Planting time, January to April

One of the best late summer and autumn flowering plants. Will bloom the first season if the seed is sown in boxes before the beginning of May. When the first pair of leaves attain a height of one inch, pot singly at a depth close to the base of the leaves. Transfer to larger pots as often as necessary to avoid giving any check. Harden off and plant outside when danger from frost is over.

HALLAWELL'S DWARF DOUBLE HYBRIDS—A special selected strain producing a high percentage of true double flowers. The colors range from yellow, through shades of apricot and pink, to lavender, purple, and scarlet. Easily grown from seed, and splendidly brilliant for mass bedding effects. Height 18 to 24 inches. (Pkt. 35c) (¼ oz. 85c)

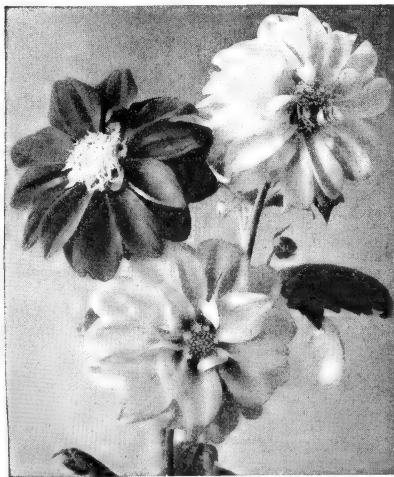
UNWIN'S DWARF HYBRIDS—A charming dwarf early flowering, semi-double strain of Dahlia in a wide range of attractive colors. (Pkt. 25c) (¼ oz. 65c)

DOUBLE CACTUS—Mixture from named sorts. (Pkt. 35c)

DOUBLE FINEST MIXED—Mixture from named varieties. (Pkt. 35c)

POMPOM MIXED—Selected from the finest parent varieties. (Pkt. 35c)

MINIATURE MIXED—This class embraces the small size Decorative, Cactus and Hybrid Cactus types. The dainty flowers measure less than three inches in diameter, bloom profusely and have splendid keeping qualities. (Pkt. 35c)

*Dahlia, Unwin's Dwarf Hybrids*



Cosmos, Double Crested

COSMOS

Cosmea—Planting time, January to June

The plants grow 3 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. This half hardy annual may be sown from February until June. Sow in boxes to transplant or where plants are to remain and thin to 12 inches apart.

HALLAWELL'S EXTRA EARLY DOUBLE CRESTED

This new Hallawell strain of double crested cosmos begins blooming in midsummer and continues for a long period. They grow about 2½ feet tall producing beautiful large crested flowers in abundance. A few of the plants may produce single flowers, but most of them will be attractive flowers with a ray of broad petals at the base.
CRIMSON, PINK, WHITE, MIXTURE—(Pkt. 25c) (½ oz. 75c)

EARLY GIANT SENSATION

A splendid improvement over the older types. The flowers which are 4 inches or more in diameter are produced freely as early as 10 weeks after sowing, on plants 3 to 4 feet in height.

CARDINAL—New crimson.

PINKIE—Rose pink.

PURITY—Glistening white.

Each of above: (Pkt. 15c) (¼ oz. 60c)

MIXTURE—(Pkt. 15c) (¼ oz. 45c)

GIANT LATE or LADY LENOX

Regardless of the time planted these will not bloom until September or October. The plants, 5 to 6 feet high, are of symmetrical pyramidal form.

GIANT PINK—Bright pink. (Pkt. 10c) (¼ oz. 25c)

GIANT WHITE—Pure white. (Pkt. 10c) (¼ oz. 25c)

GIANT CRIMSON—Brilliant crimson.

(Pkt. 10c) (¼ oz. 25c)

GIANT MIXED—Contains an even proportion of the above colors. (Pkt. 10c) (½ oz. 35c)

EARLY FLOWERING

EARLY ORANGE FLARE (Klondyke)—Free flowering of vivid bright orange; the plants are in full flower less than four months from the time of planting.

(Pkt. 15c) (¼ oz. 50c)

ORANGE RUFFLES—A rich golden orange flower with two or three rows of extra petals giving it airy charm. It blooms freely on plants 3 to 4 feet high and blossoms earlier than Orange Flare. The flowering season may be prolonged by removing the older flowers.
(Pkt. 25c) (¼ oz. 70c)

CUPHEA FIREFLY

Planting time, February to May

Small and delicately formed flowers, fiery cerise-red in color, produced in the greatest profusion through the summer months, on compact plants about 10 inches in height. Tender annual flowering within 14 weeks from seed. A fine subject for bedding, borders, window boxes, or pots. (Pkt. 20c) (½ oz. 65c)

CYCLAMEN

A tender bulbous perennial, used in greenhouses and window gardens. It is easily grown from seed. Sow in the fall or early spring. The finest commercial strain. CHERRY RED—Bright cherry-red.

PEARL OF ZEHLENDORF—Dark salmon.

ROSE OF MARIENTHAL—Soft rose, carmine eye.

ROSE OF ZEHLENDORF—Light salmon.

WHITE LADY—Pure white.

Each of above:

(Pkt. of 10 seeds 35c) (100 seeds \$2.75)

MIXED—(Pkt. of 12 seeds 35c) (100 seeds \$2.50)

CYNOGLOSSUM

Chinese Forget-Me-Not—Planting time, June to March

A hardy biennial recently introduced from China of the easiest culture, forming strong plants about 18 inches high and producing through the summer months sprays of Forget-Me-Not-like flowers. Will bloom the first season if sown early.

AMABILE BLUE—Intense deep blue.

(Pkt. 10c) (¼ oz. 30c)

FIRMAMENT—Rich bright blue flowers on bushy plants. Height, 15 to 20 inches. (Pkt. 15c) (¼ oz. 45c)

DIGITALIS

Foxglove—Planting time, May to October

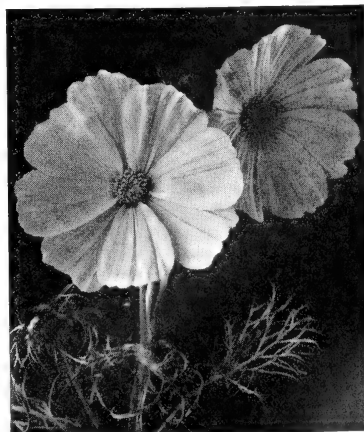
Handsome hardy biennials and perennials of stately growth with long spikes of various colored flowers; fine for shrubberies and half shady places. Seed sown in boxes or in the open in a cool place any time in the summer to early fall will bloom the following season. Height 4 to 5 feet.

GLOXINIAEFLORA—Improved strain. Separate colors of Rose, Purple or White. (Pkt. 15c) (½ oz. 45c)

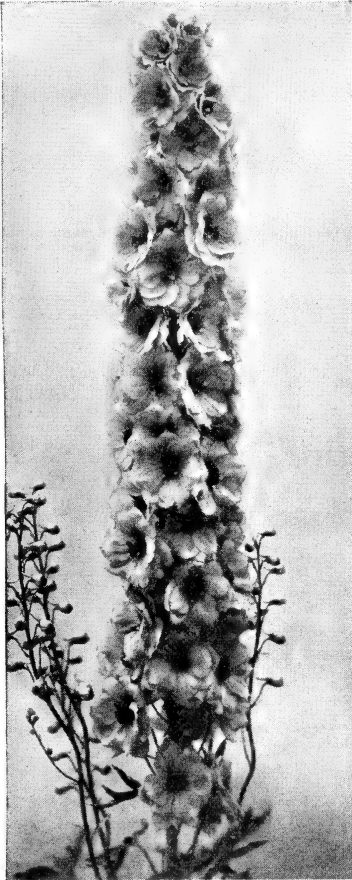
GLOXINAEFLORA MIXTURE—(Pkt. 10c) (¼ oz. 50c)

GIANT SHIRLEY—The plants of this strain have spikes 3 to 4 feet long, carrying flowers of giant size, ranging in color from white to dark rose and handsomely blotched and spotted. (Pkt. 15c) (½ oz. 45c)

LUTZII HYBRIDS—A hybrid variety with long spikes of charming pale apricot colored flowers. Perennial. (Pkt. 25c)



Cosmos, Giant Sensation



Delphinium, Pacific Giants

DIMORPHOTHECA

African Golden Daisy—Planting time, January to June
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 color, 2½ inches in diameter. Sow the seed in early spring in boxes to transplant or sow later in the open.

- AURANTIACA**—Orange. (Pkt. 15c) (¼ oz. 50c)
GOLDEN WEST—(Pkt. 15c) (¼ oz. 50c)
SALMON BEAUTY—(Pkt. 15c) (¼ oz. 50c)
AURANTIACA HYBRIDS—Various shades of white, yellow, orange and salmon. (Pkt. 10c) (¼ oz. 35c)
GLISTENING WHITE—Large flowers, 3 or more inches in diameter, with a single row of glossy petals surrounding a shining black center. Height 12 inches. (Pkt. 25c) (¼ oz. 60c)
ECKLONIS (Perennial)—Pure white flowers with blue disc, on long stems. Height 2 feet. (Pkt. 20c) (¼ oz. 75c)
SPECTABILIS—Single daisy-like flowers 2 inches in diameter on 12 to 14-inch stems. The color is deep pink around a center of glossy black. A half-hardy perennial that will bloom the first year from early sowings; a good subject for bedding in hot dry places, and for cutting. (Pkt. 20c) (¼ oz. \$1.00)

DELPHINIUM

Perennial Larkspur—Planting time, June to February
One of the most popular perennials for garden display. seeds sown in beds or in boxes any time from June to November will bloom the following season. Lime mixed in the soil is beneficial.

PACIFIC GIANT STRAIN

This is the finest strain of delphinium in cultivation. The flowers are large, double and in many beautiful color combinations. Our seed is selected from healthy field grown plants and only from those plants having the most desirable characteristics. You will be pleased with the results from these exceptional selections.

DEEP BLUE SHADES, PASTEL SHADES, LIGHT BLUE SHADES, MAMMOTH WHITE, HALLAWELL'S SPECIAL MIXTURE.

(Pkt. 50c) (3 pkts. \$1.35) (large pkt. \$2.00)

VARIOUS DELPHINIUMS

- AZURE FAIRY**—An annual type with large azure-blue blossoms. Forms a compact free flowering bush about 1 foot high. (Pkt. 15c) (¼ oz. 40c)
BLUE BUTTERFLY—Intense, deep blue, same habit of growth as Azure Fairy. (Pkt. 15c) (¼ oz. 40c)
BELLADONNA—Beautiful light turquoise-blue florets, gracefully spaced on thin, strong stems. This is the popular florist type, used so extensively in all kinds of flower arrangements. (Pkt. 20c) (¼ oz. 40c)
BELLAMOSA—Rich deep blue. Identical to the above except in color. (Pkt. 20c) (¼ oz. 45c)
CARDINALE—This is the Southern Scarlet Larkspur, growing 3 to 5 feet high and blooming in June and July. (Pkt. 20c) (¼ oz. 75c)
HOLLYHOCK or WREXHAM STRAIN—A magnificent strain which produces enormous spire-like spikes of large single and double blooms in a very rich assortment of the blue and pastel shades. Mixture—(Pkt. 25c) (¼ oz. \$1.00)
CHOICE HYBRIDS—A very good selection of assorted blue shades. The flowers are large and the spikes grow 3 to 4 feet. (Pkt. 15c) (¼ oz. 45c)

DIDISCUS

- Blue Lace Flower**—Planting time, January to June
COERULEA—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. Sow seeds in early spring in boxes to transplant. The seeds may also be sown in the open in rows in late spring and thinned out to 3 inches. (Pkt. 15c) (¼ oz. 60c)



Dimorphotheca, Spectabilis

DIANTHUS

ANNUAL PINKS—Planting time, September to May

Hardy annuals, about 1 foot high, and bearing beautifully colored, single and double blossoms in profusion all summer. Sow seed from September until May in boxes to transplant. Seed may also be sown in spring in the open in row where the plants are to remain.

HEDDEWIGI—Mixture of large double flowers, fine colors. (Pkt. 10c) (¼ oz. 45c)

CHINENSIS (Indian Pink)—Finest double mixed. (Pkt. 10c) (¼ oz. 45c)

LACINIATUS MIXED—Finest single fringed variety, in choice colors. (Pkt. 15c) (¼ oz. 45c)

SPLENDENS (Laciniatus)—Strikingly brilliant, large fringed flowers; crimson with a large white eye. (Pkt. 15c) (½ oz. 30c)

FIREBALL—Double rich scarlet; compact. (Pkt. 15c) (½ oz. 40c)

SNOWBALL—Double fringed white. (Pkt. 15c) (¼ oz. 75c)

SALMON KING—Double brilliant salmon-rose. (Pkt. 15c) (¼ oz. 75c)

SWEET WIVELSFIELD—This hardy annual Dianthus resembles a Sweet William but with larger flowers in loose heads in a wide range of color. Height 12 inches; excellent for cutting. (Pkt. 15c) (¼ oz. 50c)

PERENNIAL PINKS—Planting time, May to October

Hardy perennial, low-growing Pinks, extensively used for borders, edgings and rockeries. The Plumarius type has a delightful spicy fragrance and all varieties are free flowering. Seed sown in boxes in the early summer or fall will boom the following season.

RARE SPECIES MIXTURE—For rock gardens; includes a large number of varieties, many of them rarely seen. (Pkt. 25c) (½ oz. 75c)

LATIFOLIUS ATROCOCINEUS FL. PL. (Everblooming Hybrid Sweet William)—This is a cross between an Annual Pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; color is an intense velvety crimson-scarlet. (Pkt. 15c) (¼ oz. 60c)

LOVELINESS (Fragrant Pink)—Prized for its fragrance. Flowers have lacinated petals, of an exquisite mauve tint. Perennial 1 foot. (Pkt. 25c) (½ oz. \$1.25)

PLUMARIUS CYCLOPS (Clove Pink)—Large single and semi-double fringed flowers in various rose and red shades with clove-like fragrance; produced in great abundance. (Pkt. 15c) (¼ oz. 65c)

PLUMARIUS DOUBLE MIXED (Double Clove Pink)—Double and semi-double flowers in various colors; fragrant. (Pkt. 15c) (¼ oz. 75c)

PLUMARIUS NANUS DOUBLE MIXED (Double Clove Pink)—Dwarf double flowers in various colors. 1 foot high. (Pkt. 20c) (½ oz. 75c)

PLUMARIUS (Pheasant's Eye Pink)—A single Clove Pink with fringed edged flowers in various colors, fragrant. (Pkt. 10c) (¼ oz. 45c)

DOUBLE DAISY—See *Bellis perennis*.

DOLICHOS

Planting time: A, March to May; P, March to September
LABLAB (Hyacinth Bean)—A rapid-growing annual climber; flowers freely in erect racemes, followed by ornamental seed pods. Sweet scented. Sow the seed in the open ground from March to May.
 Mixed—(Per pkt. 15c) (¼ oz. 45c)

LIGNOSUS (Australian Pea Vine)—A rapid-growing evergreen climbing perennial, flowering freely in large clusters of rose flowers. For covering arbors, trellises, etc., they have no superior. (Pkt. 15c) (¼ oz. 50c)

GILIA

Planting time, September to June

Hardy annual California wild flower. Sow the seed in the open either in the fall or spring.
CAPITALA, "BLUE GILIA"—A splendid branching plant 1½ to 2½ feet high; flowers light blue in dense globular heads. (Pkt. 10c) (¼ oz. 25c) (oz. 40c)
TRICOLOR, "BIRD'S EYES"—Flowers pale lilac, yellow toward the center with five purple spots; 9 to 12 inches high (Pkt. 10c) (½ oz. 25c) (oz. 40c)



Dianthus Plumarius Double

ESCHSCHOLTZIA

California Poppy—Planting time, September to May
 A large annual. Sow seed where the plants are to remain, as they do not transplant easily. Seed may be sown from September to early spring.

AURANTIACA ORANGE (True California Poppy)—A selected type of the common variety, being a deep rich orange. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00) (lb. \$3.25)

SCARLET BEAUTY—Vivid scarlet. (Pkt. 10c) (¼ oz. 60c)

BRILLIANT MIXED—Rich in shades of crimson, pink and orange-scarlet. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.25) (lb. \$3.75)

NEW HYBRIDS MIXED—New, large flowering, erect type, containing a large percentage of new shades in Eschscholtzias. (Pkt. 15c) (¼ oz. 50c) (oz. \$1.50)

FORGET-ME-NOT—See *Myosotis*.

FOUR O'CLOCK—See *Mirabilis*.

FOXGLOVE—See *Digitalis*.

ECHIUUM

ECHIUUM (Tower of Jewels)—Roseum. A striking plant, producing dense, giant, pyramidal spikes of deep rose flowers. Grows easily from seed. (Pkt. 25c)

EUPHORBIA

Spurge—Planting time, February to May

Half hardy annuals suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous but the foliage is very ornamental. Sow the seeds in boxes in spring and transplant to the open ground when danger from frost is over.

VARIEGATA (Snow on the Mountain)—Attractive foliage veined and margined with white. (Pkt. 15c) (¼ oz. 35c)

FRESIA

REFRACTA ALBA PURA—Pure white. (Pkt. 25c)

GEUM

Avens—Planting time, June to February

MRS. BRADSHAW—A showy hardy perennial with large double brilliant scarlet flowers borne on long stems. Useful for cutting as well as for growing in borders. (Pkt. 15c) (½ oz. 60c)

LADY STRATHEDEN—Fine rich golden yellow flowers which match in other respects the popular scarlet variety, Mrs. Bradshaw. (Pkt. 15c) (½ oz. 70c)

CHOICE MIXED—(Pkt. 15c) (½ oz. 60c)

GOURDS

Ornamental—Planting time, April to June

Excellent for covering verandas or trellis work and for training over arbors, fences, etc. Sow outside where they are to remain, when the ground becomes warm.

AFRICAN PIPE—The stem end of the fruits is used in making calabash pipes.

APPLE-SHAPED—Beautifully striped; small.

CHINESE BOTTLE.

CHINESE LUFFA—(Sponge or Dish-Rag).

DIPPER or **SIPHON**—Makes a convenient dipper.

HERCULES CLUB—Club-shaped fruits, 4 feet long.

NEST EGG—White like an egg; small.

ORANGE SHAPED—(Mock orange) small.

PEAR-SHAPED—Striped yellow and green; small.

SPOON—Small ball-shaped fruit with a slender neck; orange.

TURBANT—Odd brightly colored fruit.

WARTED—All shapes; small.

Each of above: (Pkt. 10c) (½ oz. 25c) (oz. 45c)

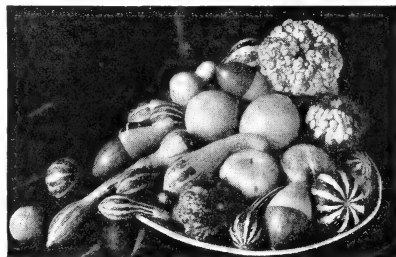
HOLY CROWN—The Crown of Thorns or the Gourd of the Ten Commandments. (Pkt. 15c) (¼ oz. 45c)

SMALL FRUITED VARIETIES MIXED—

(Pkt. 10c) (¼ oz. 25c)

MIXED—All varieties. (Pkt. 10c) (½ oz. 25c) (oz. 45c)

Collection 6 packets of any of the above varieties 50c



Gourds, Small Mixed

GODETIA

Satin Flower—Planting time, September to June

Of all the hardy garden annuals, few are more lovely than the Godetia. It is exceedingly showy in beds and masses, and the satiny flowers last well after cutting. Sow the seed in the open ground in the fall for early bloom, or in the spring until June for later flowering. Sow the seed thick in the row. Crowded plants will grow taller and make better stems for cutting.

DOUBLE VARIETIES (Gladioli Flowered)

Of distinct and graceful habits, producing long sprays of beautiful large, double flowers, which are fine for cutting and excellent for the border. Height, 2 feet.

CARMINEA—Lovely soft pink with a carmine suffusion in the center.

CHERRY RED—A beautiful rich color.

ROSY MORN—A beautiful bright pink color.

WHITE—Pure white.

Each of above: (Pkt. 10c) (¼ oz. 60c)

DOUBLE MIXED—(Pkt. 10c) (¼ oz. 50c)

AZALEA FLOWERED MIXTURE—A fine color range of double flowers borne on bushy plants 15 to 18 inches in height. (Pkt. 15c) (¼ oz. 75c)

SINGLE VARIETIES

DUKE OF YORK—Satinny crimson-carmine. Height 18 inches and splendid for cutting. (Pkt. 15c) (¼ oz. 60c)

KELVEDON GLORY (New)—Glowing salmon orange. A fine bedding and cutting variety. Height 18 inches. (Pkt. 15c) (¼ oz. 50c)

PURITY—Glistening satiny white. Excellent cut flower; height 18 inches. (Pkt. 15c) (¼ oz. 50c)

SYBIL SHERWOOD—Bright salmon-pink softened by an undefined edging of white; 18 inches. (Pkt. 15c) (¼ oz. 40c)

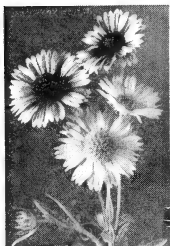
SEMI-DWARF VARIETIES—Splendid mixture of brilliant colors. (Pkt. 10c) (¼ oz. 55c)

AMOENA (var. *rubicunda splendens*)—Mauve-violet, spotted crimson; single. A California wild flower.

(Pkt. 10c) (¼ oz. 60c)



Gaillardia
Double



Gaillardia
Single

GAILLARDIA

Blanket Flower

Planting time: A, February to May; P, June to March
Brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows 1½ feet high. Seed of the annual varieties will bloom the first season if sown early, but it is advisable season's blooming. Fine cut flower.

FINE SINGLE MIXED, ANNUAL—

(Pkt. 10c) (¼ oz. 35c)

DOUBLE MIXED ANNUAL (*Picta Lorenziana*)—

(Pkt. 10c) (¼ oz. 45c)

PORTOLA HYBRIDS, PERENNIAL—Semi-double blooms of magnificent size, with broad overlapping petals golden tipped around glowing centers of bronzy red. (Pkt. 15c) (¼ oz. 75c)

GERANIUM

Pelargonium—Planting time, August to March

ZONALE—A half hardy perennial, flowering the first year from seed sown early. Choice Mixed.

(Pkt. 25c) (¼ oz. \$1.00)

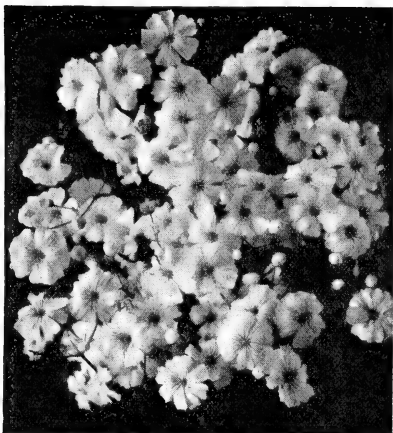
GERBERA

Transvaal Daisy—Planting time, March to September

The large Marguerite-like flowers come in all shades of pink, salmon, red and yellow and are borne on long, stiff, straight stems. They require a warm, sunny position, good drainage and protection from frost. Sow in seed boxes in light soil and transplant when large enough to handle. (Pkt. 25c) (100 seeds 65c)



Godetia, Kelvedon Glory

*Gypsophila elegans White***GYPSOPHILA****Baby's Breath**

Planting time: A, December to August; P, May to October
A free flowering plant of easy culture. Grows 2 to 3 feet high, and bears a profusion of small star-shaped flowers. Sow the seed of the annual varieties in the open any time in the fall until early summer. Seeds of the perennial varieties should be started from early summer until fall for next season's bloom. Sow in boxes to transplant.

ELEGANS CARMINEA—Annual Carmine for florist or garden. (Pkt. 15c) (¼ oz. 35c)

ELEGANS GRANDIFLORA—Improved annual white sort. Very largely grown by florists for use in bouquets. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00)

PANICULATA—Fine for bouquets; white flowers; perennial. (Pkt. 10c) (¼ oz. 30c)

PANICULATA, DOUBLE SNOW WHITE—A fine double white flowering perennial sort. (Pkt. 25c) (½ oz. 60c)

GLOXINIA

Sinningia—Planting time, Jan. to Mar.; June to Aug. Beautiful hothouse plants with large velvety bell-shaped blossoms, of rich and brilliant coloring. The seed may be sown in the fall and early spring.

HYBRIDA GIGANTEA—A superb strain containing the spotted hybrids as well as the self-colored sorts. (Pkt. 50c)

HELIANTHUS

Sunflower—Planting time, March to June

Tender annuals, growing from 3 to 8 feet high. Of the easiest culture and suitable for a stately row of background. Plant when the ground is well warmed, in light soil and in a sunny position.

ALL DOUBLE SUNGOLD—Large, densely doubled, bright golden flowers. The plant branches and affords fine long stout stems for cutting. Four feet. (Pkt. 15c) (¼ oz. 35c)

CUCUMERIFOLIUS STELLA—Of dwarf branching habit; grows about 3 feet high and blooms profusely throughout the summer; flowers single orange-yellow, with black center. (Pkt. 10c) (¼ oz. 35c)

MAROON PRINCE—The best red, single sunflower. Four feet. (Pkt. 10c) (¼ oz. 35c)

HELICHRYSUM

Strawflower—Planting time, January to May

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. It is the best and most satisfactory of the everlasting flowers and makes a very handsome dried bouquet. Sow the seed in boxes in early spring or in the open ground later in spring and thin out to at least 1 foot apart.

MONSTROSUM—Extra fine mixed. (Pkt. 15c) (¼ oz. 45c)

HOLLYHOCK

Althaea—Planting time, May to October

Hollyhocks make a fine row in a garden, or a good background next to a building or high fence. These hardy perennials are of upright, stately growth, 5 to 8 feet high and flower in summer and fall.

DOUBLE VARIETIES—BRIGHT RED, CANARY YELLOW, NEWPORT PINK (Pure Pink), WHITE, SALMON-ROSE.

Any of the above. (Pkt. 15c) (¼ oz. 60c)
DOUBLE, ALL COLORS MIXED—(Pkt. 10c) (¼ oz. 50c)
INDIAN SPRING (Annual)—Large semi-double fringed flowers in shades of pink. Height, 4 to 5 feet. (Pkt. 25c)
HONESTY—See Lunaria.

HEUCHERA

Coral Bells—Planting time, May to October

SANGUINEA SPLENDENS—A low growing hardy perennial plant with heart-shaped leaves, which form a low clump 6 to 8 inches high and bearing during early summer, loose graceful sprays of coral-red flowers in great profusion; suitable for the border or rocky. (Pkt. 35c)

HUNNEMANNIA

Bush Eschscholtzia—Planting time, March to June

Seed sown in the open in April or early in May will, by the middle of July, produce plants covered with their large buttercup yellow, Poppy-like blossoms, and will flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. Fine for cutting.

FUMARIAEFOLIA—The original single form which has become known as the Santa Barbara Poppy. (Pkt. 10c) (¼ oz. 45c)

SUNLITE—An attractive semi-double form. (Pkt. 15c) (¼ oz. 60c)

KOCHIA CHILDSII

Summer Cypress—Planting time, February to March

A half-hardy annual forming compact and symmetrical bushes about 2½ feet high. The light green foliage turns deeper in the summer, and then to a crimson hue in Autumn. Sow seed in the spring, and transplant to 20 inches apart when well started. (Pkt. 10c) (¼ oz. 25c)

LATHYRUS

Everlasting Pea—Planting time, March to October

LATIFOLIUS—A hardy perennial climber. 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.

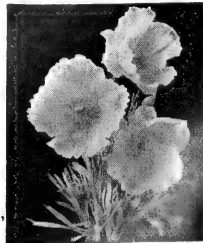
CRIMSON, PINK BEAUTY or WHITE PEARL. Each: (Pkt. 15c) (¼ oz. 45c)

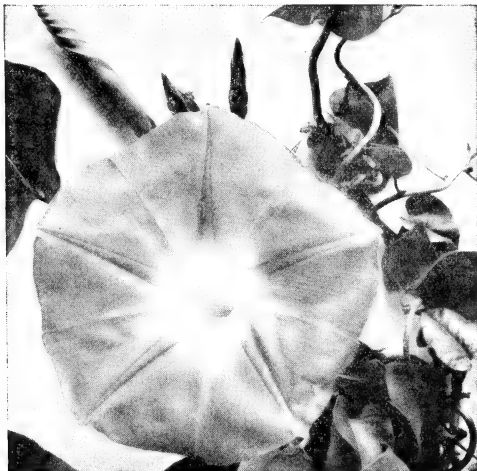
MIXED—(Pkt. 10c) (¼ oz. 45c)

LAVATERA

Tree Mallow—Planting time, March to May

SPLENDENS ROSEA—A showy and free flowering hardy annual 3 to 4 feet tall. Brilliant rosy carmine flowers. Splendid for large beds where they bloom all summer; fine for cutting. Sow from March to May where they are to bloom and thin out to 12 inches apart. (Pkt. 15c)

*Helianthus Sun Gold**Hunnemannia Sunlite*



Ipomoea, Heavenly Blue

IPOMOEA

Morning Glory—Planting time, March to May

Ornamental climbers of rapid growth. Sow seeds in the open where they are intended to grow, in late spring when the soil is warm. Seeds may be started in small pots placed where they will be kept warm until sprouted.

HEAVENLY BLUE (Improved)—Large sky blue flowers, free bloomer and very beautiful. A sunny location and sandy soil are preferable, and fertilizer should not be used. (Pkt. 15c) (¼ oz. 50c)

PEARLY GATES—The glistening white flowers are 4 inches or more across when fully open. The vines are vigorous, grow rapidly in a warm climate and produce many flowers. (Pkt. 25c) (¼ oz. 75c)

SCARLETT O'HARA—Gold Medal Winner in the 1939 All-America Selections. Flowers are deep rosy crimson, about 4 inches in diameter. (Pkt. 20c) (¼ oz. 75c)

SEE CONVOLVULUS FOR OTHER MORNING GLO-RIES.

KENILWORTH IVY—See *Linaria Cymbalaria*.

LAVENDER

Lavandula vera—Planting time, May to October

Munsted Strain—Chiefly cultivated for the delicious and lasting fragrance of its flower; succeeds in any common garden soil. Perennial, 1 foot. (Pkt. 15c) (¼ oz. 75c)

LINARIA

Baby Snapdragon—Planting time, September to July

Showy hardy annuals with small Snapdragon-shaped flowers. Grows 12 to 15 inches tall; desirable for edgings and rockeries. Sow the seed in the open ground in the fall for early bloom or any time in spring until July for later flowering.

HALLAWELL'S EXCELSIOR MIXED—(Pkt. 15c) (¼ oz. 35c)

FAIRY BOUQUET—Compact plants 10 to 12 inches in height. Large flowers in a wide range of colors. A gem for the border or rock garden. (Pkt. 15c) (½ oz. 45c)

CYMBALARIA (Kenilworth Ivy)—A hardy perennial trailing plant, with small lavender or purple flowers, especially adapted for hanging baskets or for trailing over walls. Sow the seed from May to October, in boxes and transplant later. (Pkt. 15c)

LARKSPUR

Annual Delphinium—Planting time, October to April

Best results are obtained if seed is sown October to February in the open ground where you want them to grow. The seeds are slow to germinate, requiring 3 to 4 weeks, so be sure to keep the soil moist until the plants are up, then thin them to stand 3 or 10 inches apart in the row. They thrive in full sun. Hallawell's Base Branching Strain grows to a height of 3 or 4 feet, producing long slender flowering branches, which are excellent for cutting.

HALLAWELL'S BASE BRANCHING LARKSPURS

BLUE BELL—Clear light blue or silvery lavender.

BLUE SPIRE—Intense deep blue, very beautiful in a bouquet with contrasting colors.

CARMINE KING—Lovely deep carmine rose.

DAINTINESS—Dainty clear lavender; a favorite among florists.

EXQUISITE PINK IMPROVED—Pink, shaded salmon.

EXQUISITE ROSE—Beautiful shade of rose.

LOS ANGELES—Deep rose.

LILAC SPIRE—An attractive lilac blue.

MISS CALIFORNIA—Deep pink shaded salmon.

PINK KING—Long graceful branches of soft salmon rose.

WHITE KING—Pure glistening white.

WHITE SPIRE—Pure white.

Above Separate Colors. (Pkt. 15c) (¼ oz. 65c)

SUPERB MIXTURE—(Pkt. 15c) (¼ oz. 50c)

DOUBLE STOCK FLOWERED MIXTURE—(Pkt. 10c) (¼ oz. 35c)

LINUM

Flax—Planting time, October to June

RUBRUM (Scarlet Flax)—A hardy annual, about 1½ feet high, bright red flowers borne in great profusion. For a fine showing of color, sow from February to June out of doors. (Pkt. 10c) (½ oz. 35c)

FLAVUM NANUM COMPACTUM (Golden Flax)—Glowing golden yellow flowers produced over a long period, and if cut back in late summer, will bloom again through the fall months. A fine rock plant; perennial. (Pkt. 25c)

PERENNE—Bright blue. 18 inches tall; hardy perennial. (Pkt. 10c) (¼ oz. 35c)



Larkspur



Leptosyne maritima

LEPTOSYNE

Sea Dahlia—Planting time, February to June

MARITIMA—A profuse blooming half hardy annual with large lemon-yellow Marguerite-like flowers on long stems, good for cutting; 2 feet. Requires a sunny situation. Sow from February to June. (Pkt. 10c) (¼ oz. 60c)

LILIUM

Lily

Perhaps you would like to grow your own lily bulbs. Some of them grow to blooming size very quickly, while others require more time.

To grow lilies from seeds sterilize the soil and sow seeds in flats or ground beds in a cool greenhouse or frame. The following easy germinating species will show top growth within 3 to 3 weeks. Transplant carefully to plant bands or frames after seedlings are several months old.

DAURICUM—The lovely upright flowers are in shades of orange, flushed and spotted red. Height 1½ to 2 ft. (Pkt. 35c)

PHILIPPINENSE FORMOSANUM (Late variety) — A superior form of the trumpet lily which we recommend highly. At present we can supply seed only, not having sufficient stock of bulbs to offer. It blooms late in the summer, bears up to eight flowers on a stem and grows 4 to 6 ft. tall. Is fragrant. Prefers warm sunny situations. (Pkt. 25c) (3 Pkts. 65c)

HENRYII—A fine Chinese species, often referred to as "Orange Speciosum." The flowers are bright golden yellow spotted brown, often as many as 20 to the plant. They grow 5 to 8 ft. and are excellent for cutting. (Pkt. 25c)

LONGIFLORUM SNOWDRIFT—This newly introduced strain is very free flowering and has a slight fragrance similar to that of the magnolia. It is pure white and 4 to 6 ft. tall. Seed only. (Pkt. 50c) (3 Pkts. \$1.25)

REGALE—The trumpet-shaped flowers are white, slightly suffused pink with a beautiful shade of canary yellow at the center. Hardy and delightfully fragrant. (Pkt. 20c) (¼ oz. 50c)

TENUIFOLIUM—One of our most popular small flowered lilies. The plants grow to 1½ ft. bearing as many as 20 dainty waxy blooms of bright scarlet. Prefers full sun. (Pkt. 25c)

WILLMOTTIAE—A hardy and dependable lily growing to 6 ft. Flowers are recurved and rich orange red. (Pkt. 35c)

AURATUM—This lily is slow germinating from seeds requiring a period of warmth followed by a period of cold before top growth appears. It is one of the grandest lilies. Grows 4 to 6 ft., bearing white or ivory flowers, spotted crimson. Partial shade. (Pkt. 35c) (3 Pkts. \$1.00)

LOBELIA

Planting time, November to May

A half hardy annual, growing 4 to 6 inches high; is of compact growth, and literally covered with small bright flowers. By cutting back the plants during the summer and giving plenty of water, they may be kept in flower for a long season. Used for ribbon work and borders or hanging baskets. Sow the seed in boxes from November to May and transplant when well started.

BLUE EMPEROR—Sky blue; compact habit of growth with bright green foliage. (Pkt. 15c) (¼ oz. 75c)

CAMBRIDGE BLUE (New)—Fine light blue flowers, compact habit, 6 inches; very free blooming. (Pkt. 25c) (¼ oz. 75c)

CRYSTAL PALACE COMPACTA—The variety most used for borders; deep blue flowers and dark foliage; 6 inches; a constant bloomer. (Pkt. 15c) (¼ oz. 65c)

SAPPHIRE—A superb variety of pendulous habit; large deep blue flowers with conspicuous white eye; suitable for window boxes and hanging baskets. (Pkt. 15c) (¼ oz. 50c)

LUNARIA

Honesty—Satin Flower—Planting time, May to October

BIENNIS ALBA—The flat silvery seed pods are used for winter decoration. Free-flowering, hardy biennial. 2 feet. Sow seeds in the open in partial shade in summer or early fall. (Pkt. 15c)

MESEMBRYANTHEMUM

Planting time, January to May

CRINIFLORUM (Livingstone Daisy)—Low growing annual plant of semi-spreading habit, covered with large daisy-like flowers with yellow centers, in many attractive shades. An ideal plant for edging or the rockery; succeeds in poor soil. (Pkt. 25c) (½ oz. 75c)



Lilium



Marigold, Ferdinand

MATRICARIA

Feverfew—Planting time, September to March

Free-flowering hardy perennial plants with small double button-like flowers. Sow seed in boxes to transplant from September to March.

GOLDEN BALL—Compact habit; suitable for edging; small double yellow flowers. (Pkt. 15c) (1/4 oz. 40c)

DOUBLE WHITE—Small double white flowers with quilled petals. Height, 15 to 18 inches; fine for bouquet filler. (Pkt. 15c) (1/4 oz. 60c)

MECONOPSIS

Himalayan Poppy—Planting time, March to September

BAILEYII—The new and beautiful blue Tibetan poppy. It is a graceful plant, with downy pale green leaves, the brilliant Cambridge-blue pendant flowers, 4 inches across, being carried singly on stems about 2 feet high. Hardy perennial, thriving best in a shaded position. Seed is very slow in starting and sometimes many months may elapse before seedlings appear. (Pkt. 50c)

LUPINUS

Lupin

Hardy annuals and perennials in great variety, growing from 1 to 4 feet high, and bearing spikes of Pea-shaped flowers. Sow the seeds where you want them to grow and thin to 6 inches apart.

HALLAWELL'S ANNUAL LUPINS

Planting time, September to May

HALLAWELL'S GIANT MIXTURE—This is the best annual Lupin in our Trials. Plants grow 3 to 4 feet tall with straight erect spikes of flowers in very desirable colors. (Pkt. 25c)

YELLOW QUEEN (Fragrant)—In addition to its lovely clear yellow color, this Lupin has a nice fragrance. Height is about 2 feet. (Pkt. 25c)

ANNUAL SORTS—Mixed. (Pkt. 10c) (1/2 oz. 35c) (oz. 60c)

NANUS—A showy California wild flower, 10 to 15 inches high; flowers rich blue with white markings. (Pkt. 10c) (oz. 45c) (1/4 lb. \$1.25) (lb. \$3.75)

PERENNIAL SORTS—Height, 4 feet

Planting time, June to March

NEW RUSSELL LUPINS—An English introduction proven to be the last word in perennial Lupins, and to contain a wonderfully complete range of colors. Awarded the Gold Medal of the R. H. S. in June, 1937. (Pkt. 25c) (1/2 oz. 70c)

HALLAWELL'S California Marigolds

Tagetes—Planting time, February to June

Marigolds are easily grown from seed and there are tall or dwarf varieties for many purposes. Varieties listed here are the best of the various types. If you live in the Bay area, visit our Nursery gardens during the blooming season. You will find many Marigolds on display.

In San Francisco tall Marigolds are very useful for late Fall bloom from seeds sown during the summer months and the little French and Harmony types are very popular for window boxes. All of them have a long blooming season.

MISSION TYPE

GOLDSMITH (1941 All-America)—Giant golden orange flowers, 4 inches across produced generously on plants 4 feet tall. The flower is made up of narrow curled petal resembling a golden incurved chrysanthemum. (Pkt. 15c) (1/4 oz. 50c)

YELLOWSTONE (Honorable Mention 1942 All-America Selections)—Bright, golden yellow flowers handsomely fresh and clean. Large 4 inch blooms grace the 4 ft. well branched plants. (Pkt. 25c) (1/4 oz. 60c)

GIGANTEA

ORANGE SUNSET—The rich orange flowers are 5 inches in diameter, and the strain will produce 65 per cent or more of double flowers. A fine separate color offspring of the highly popular Sunset Giants; height 3 feet. (Pkt. 20c) (1/4 oz. 75c)

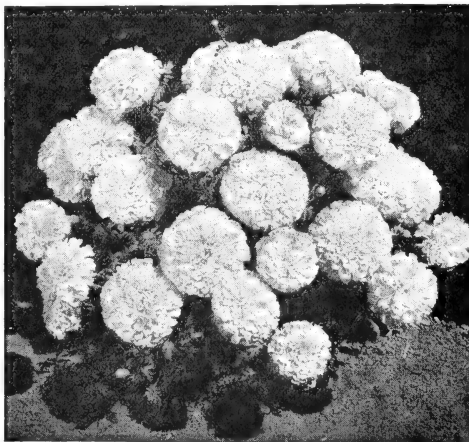
SUNSET GIANTS MIXTURE—Huge loosely formed, full centered flowers in shades of orange and yellow. (Pkt. 15c) (1/4 oz. 60c)

DWARF GIGANTEA

POT O' GOLD—Bright orange flowers of the Sunset Giant form, 4 inches in diameter, on well branched compact plants 12 to 15 inches in height. Early and free flowering. (Pkt. 15c) (1/4 oz. 75c)

RED AND GOLD HYBRIDS

ASSORTED SHADES—Hybrids between African and French marigolds. Flowers are 2 1/2 to 3 inches in diameter, some of them solid red, and the others combinations of red and gold. Very early and long flowering; height 18 inches. (Pkt. 25c) (1/4 oz. \$1.00)



Marigold, Dwarf Gigantea Pot O'Gold

MARIGOLD

DWARF DOUBLE FRENCH—Height, 1 foot

BUTTERBALL (Bronze Medal 1942 All-America Selections)—This exquisite variety bears dozens of flowers on dwarf compact plants. The color is velvety butter-yellow, the flowers are Crested Harmony type. Excellent for garden plot or border. (Pkt. 20c) (½ oz. 50c)

MELODY (Bronze Medal 1942 All-America Selections)—Dwarf Double French of the popular Harmony type but in a solid bright orange color. The plants are compact, about 12 inches high and are covered with bloom for a long season. Use for edgings, mass, or pot plants. (Pkt. 25c) (½ oz. 35c)

ROYAL SCOT DWARF—Beautifully striped, mahogany and gold. (Pkt. 15c) (¼ oz. 65c)

BROWN—(Pkt. 10c) (¼ oz. 35c)

GOLDEN BALL—(Pkt. 15c) (¼ oz. 35c)

LEMON BALL—(Pkt. 15c) (¼ oz. 35c)

SCARLET GLOW (1941 All-America)—Dwarf double French type. Plants are 10 inches tall and are well covered with flowers 1¾ inches across, which vary interestingly from deep scarlet to tangerine yellow. (Pkt. 15c) (½ oz. 50c)

SPRY—Dwarf double French type. Crested center of clear orange yellow surrounded by mahogany guard petals. Early and free flowering. (Pkt. 15c) (½ oz. 50c)

YELLOW PIGMY—Small light lemon-yellow double flowers, borne freely on compact plants only 8 inches tall. (Pkt. 15c) (½ oz. 50c)

HALLAWELL'S HARMONY SPECIAL MIXTURE—This is a fine mixture of crested, harmony type hybrids, presenting a wide and varied range of striking color combinations. (Pkt. 15c) (¼ oz. 50c)

HALLAWELL'S EARLY FLOWERING DOUBLE MIXTURE—This is a fine new and improved selection of Dwarf Double French type. It blooms very early and flowers are of good double form. (Pkt. 15c) (½ oz. 35c)

DWARF SINGLE FRENCH—Height, 9 to 10 inches

SIGNATA PUMILA GNOME—A miniature variety forming very dwarf plants with fern-like leaves densely covered with small single orange flowers. (Pkt. 15c) (½ oz. 50c)

HALLAWELL'S LARGE AFRICAN QUILLED MARIGOLDS—Height 2½ to 3 ft.

ALL DOUBLE ORANGE—An improved strain which produces practically one hundred per cent double flowers. (Pkt. 15c) (½ oz. 60c)

ALL DOUBLE LEMON—Identical to the preceding variety except in color, which is a clear lemon yellow. (Pkt. 15c) (½ oz. 60c)

ALL DOUBLE MIXED—(Pkt. 15c) (½ oz. 45c)

MARIGOLD

TALL FRENCH—Height, 2½ feet.

FERDINAND—A sprightly and gay French Marigold, with a golden yellow crest in the center, surrounded by a single row of broad guard petals, mahogany-red in color. Early flowering and fine for cutting; height, 20 to 24 inches. (Pkt. 15c) (¼ oz. 50c)

ROYAL SCOT—Gold, striped maroon. (Pkt. 15c) (¼ oz. 65c)

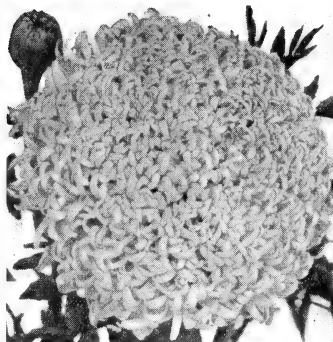
TALL DOUBLE FRENCH MIXED—A very fine strain—(Pkt. 10c) (¼ oz. 35c)

CALIFORNIA DOUBLE—Height, 3 feet

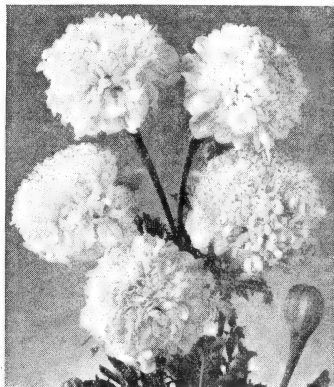
GUINEA GOLD, The true original strain—Semi-double flowers, 2 to 2½ inches in diameter, brilliant orange in color with broad wavy petals. (Pkt. 15c) (¼ oz. 50c)

YELLOW SUPREME—Clear lemon yellow. (Pkt. 15c) (¼ oz. 50c)

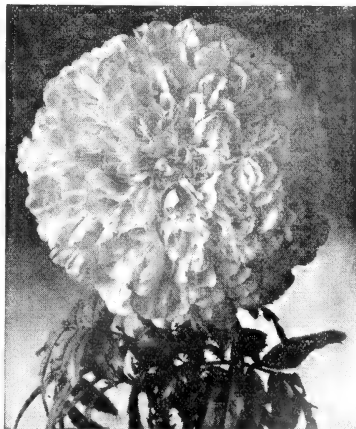
BURPEE GOLD IMPROVED (New)—Described by the originator as bright orange, odorless foliage. It is of the Guinea Gold type. (Pkt. 25c) (3 Pkts. 65c)



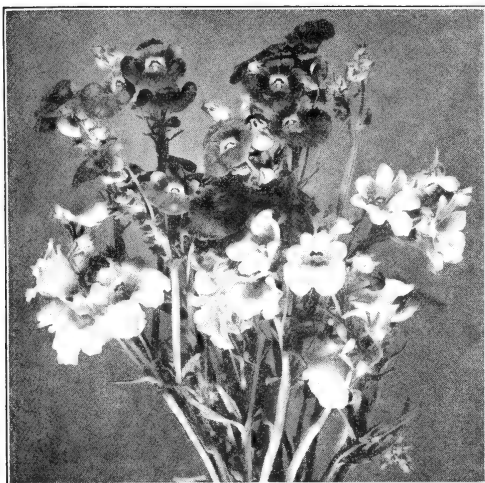
Marigold, Yellowstone



Marigold, Butterball



Marigold, Sunset Giants



Nemesia, strumosa grandiflora

MIGNONETTE

Reseda—Planting time, Year Round

A fragrant hardy annual which grows easily from seed sown out in the garden and thinned to 4 to 6 inches.

GOLIATH "Extra Select"—Enormous red spikes, very fragrant. (Pkt. 10c) (¼ oz. 45c)

GIANT FLOWERED MACHET—Broad heavy spikes closely set with large florets of a gray color, deliciously scented. (Pkt. 10c) (¼ oz. 35c)

SWEET SCENTED—(Reseda odorata)—The spikes are small, but very sweet scented. (Pkt. 10c) (oz. 30c)

MIMOSA PUDICA

Sensitive Plant—Planting time, February to May

Curious pot plant with pinkish white flowers; the leaves close or droop when touched. Sow from February to May. (Pkt. 15c)

MIMULUS

Monkey Flower—Planting time, September to March

A free-flowering, half hardy perennial, growing from 6 inches to 1 foot high. Useful for window gardens and pot work or for garden in a moist, shady situation. Blooms first year from seed if sown early.

MÖCHATUS or MUSK PLANT—Small yellow blossoms, spotted lightly with brown. (Pkt. 15c) (½ oz. 75c)

QUEEN'S PRIZE—An improved strain of *M. Tigrinus* or Monkey Flower. The large flowers are spotted in various colors. (Pkt. 25c) (½ oz. \$1.00)

MINA LOBATA

Planting time, March to May

A beautiful free-blooming half hardy annual climber with scarlet and yellow flowers. Sow in the open in late spring after danger from frost. (Pkt. 25c) (½ oz. 75c)

MIRABILIS

Four O'Clock—Planting time, February to April

Free-flowering garden favorite usually treated as an annual; forms bushy plants 2 feet in height. The flowers open in the late afternoon, remaining expanded until the next morning.

Mixture. (Pkt. 10c) (½ oz. 30c)

MYOSOTIS

Forget-Me-Not—Planting time, June to November

A hardy perennial of easy culture which thrives best in a cool, moist location; grows 6 to 12 inches high. Sow seed in summer or fall for next season's bloom.

ALPESTRIS—Blue. (Pkt. 15c) (¼ oz. 65c)

INDIGO or ROYAL BLUE—A rich dark indigo-blue color. (Pkt. 10c) (¼ oz. 45c)

BLUE PERFECTION—Beautiful dwarf indigo-blue, very compact. (Pkt. 15c) (½ oz. 85c)

BLUE BIRD (Oblongata)—Bright, deep blue flowers. A winter blooming variety that will tolerate more sun than most Forget-Me-Nots. Height 1 foot. (Pkt. 20c) (½ oz. 60c)

NEMESIA

Planting time, February to May; August to October

This free-blooming annual grows about 12 inches. The flowers of this improved strain 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 for summer blooming. In mild sections a sowing may be made in August or September for spring flowering. Be patient, it's slow germinating.

STRUMOSA GRANDIFLORA MIXED—Many beautiful colors, 10 to 12 inches tall. (Pkt. 20c) (3 Pkts. for 50c) (½ oz. \$1.00)

TRIUMPH MIXED—Hallawell's Special. Compact form, 6 to 8 inches tall. (Pkt. 20c) (3 Pkts. for 50c) (½ oz. \$1.00)

BLUE GEM—Dwarf blue for edging. (Pkt. 20c) (3 Pkts. for 50c) (½ oz. \$1.15)

STRUMOSA GRANDIFLORA—Height 1 ft. In separate colors of **Blue, Orange, Rose Pink, Scarlet**. Each of the above. (Pkt. 25c) (3 Pkts. 65c) (½ oz. \$1.25)

NIGELLA

Love-in-a-Mist—Planting time, September to May

A hardy annual, 18 inches high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Sow in the open in fall or spring.

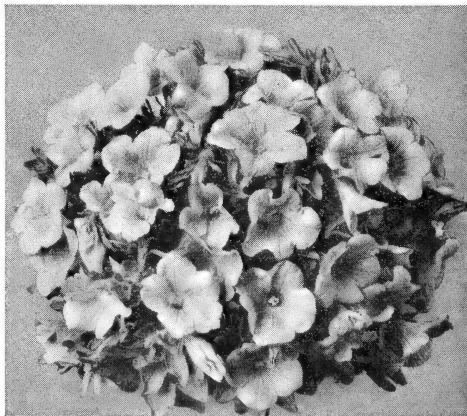
MISS JEKYLL—A long-stemmed sort with beautiful Cornflower-blue blossoms. (Pkt. 10c) (¼ oz. 45c)

NIEREMBERGIA

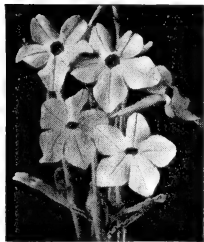
Cup Flower—Planting time, September to March

HIPPOMANICA (Coerulea)—Forms a cushion of gray green foliage which is covered throughout the entire summer with lovely lavender blue flowers with yellow eyes. For edgings, rock walls, rockeries, or window boxes. A half-hardy perennial. (Pkt. 25c)

PURPLE ROBE—Rich, deep violet purple. (Pkt. 50c)



Nierembergia



Nicotiana



Forget-me-not

NICOTIANA

Flowering Tobacco—Planting time, February to May
AFFINIS WHITE (Tuberose-Flowered Tobacco) — Delightfully sweet-scented, pure white tubular flowers, blooming continually; half hardy annual; 2 to 3 feet. (Pkt. 15c) (½ oz. 35c)

AFFINIS HYBRIDS—A new large flowering type with various bright-colored blossoms. (Pkt. 10c) (½ oz. 30c)

NASTURTIUM

Tropaeolum—Planting time, March to July

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 foliage. This adds to their value for planting over many unsightly places. Water sparingly.

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.

DOUBLE VARIETIES

APRICOT GLEAM—(Pkt. 10c) (oz. 35c)
FIRE GLEAM—Bright scarlet. (Pkt. 10c) (oz. 35c)
GOLDEN GLEAM—Golden yellow, sweet scented. (Pkt. 10c) (oz. 35c)
MAHOGANY GLEAM—Dark mahogany red. (Pkt. 10c) (oz. 35c)
SALMON GLEAM (Supreme)—Salmon cerise. (Pkt. 10c) (oz. 35c)
SCARLET GLEAM—Fiery scarlet. (Pkt. 10c) (oz. 35c)
GLEAM HYBRIDS MIXTURE—(Pkt. 10c) (oz. 25c)

DWARF DOUBLE NASTURTIUMS

GOLDEN GLOBE—Golden yellow. (Pkt. 15c) (oz. 45c)
MAHOGANY GLOBE—Deep mahogany. (Pkt. 15c) (oz. 45c)
SALMON GEM—(Pkt. 15c) (oz. 30c)
SCARLET GLOBE—Bright scarlet. (Pkt. 15c) (oz. 45c)
GEM MIXTURE—Dwarf, compact plants in an excellent range of color. (Pkt. 10c) (oz. 30c)

SINGLE TALL or CLIMBING

TALL VARIETIES MIXED—All varieties, in a splendid mixture. (Pkt. 10c) (oz. 20c)

SINGLE DWARF

DWARF VARIETIES MIXED—A splendid mixture of all varieties. (Pkt. 10c) (oz. 20c)

NEMOPHILA

Planting time, September to March

A hardy annual California wild flower, growing about 6 inches high. Has small cup-shaped blossoms in shades of blue and white. Sow in the open ground in the fall or spring. Fine ground cover for bulb beds.

INSIGNIS (Baby Blue Eyes)—Sky blue with white eyes. (Pkt. 10c) (oz. 40c) (¼ lb. \$1.25) (lb. \$3.75)

MIXED—(Pkt. 10c) (oz. 40c) (¼ lb. \$1.25)

PENTSTEMON

Beard Tongue—Planting time, July to March

One of the most satisfactory flowers for the hardy perennial border. Grows 2 feet high and will bloom the first season if seed is sown early.

GIGANTEUS MIXTURE—New giant variety, largest blooms in many rare shades. Extra fine strain. (Pkt. 20c) (¼ oz. 65c)

MINIATURE HYBRIDS—A new hybrid variety producing in great profusion small flowers in a good range of colors; very graceful and good for cutting, 2½ to 3 feet high. (Pkt. 20c) (¼ oz. 65c)

BLUE GEM—Flowers very bright blue; particularly desirable for rock garden. Height 1 to 2 feet. (Pkt. 15c) (¼ oz. 50c)

PLATYCODON

Balloon Flower—Planting time, May to October

GRANDIFLORUM—Also known as *Wahlenbergia*. A free-flowering perennial of dense habit, 18 inches high, which is useful for rock garden and border. The balloon-shaped buds are interesting and almost as attractive as the steel blue, star-shaped flowers. In bloom from June to October. (Pkt. 15c) (½ oz. 50c)

PHLOX

Planting time, September to May

DRUMMONDII—For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large, brilliant flowers throughout the summer. Sow the seed in boxes in the fall for early flowers, or in the open in spring, and thin to 6 inches.

GIGANTEA

RED GLORY (Honorable Mention 1942 All-America Selections)—Brilliant red with a large creamy white eye. Habit of growth and size of flower is identical to Giant Art Shades. (Pkt. 25c) (¼ oz. 85c)

ROSY MORN (Bronze Medal 1941 A.A.S.)—Rose-pink with white eye. (Pkt. 25c) (¼ oz. 85c)

SALMON GLORY (Gigantea)—Salmon with creamy white eye. Silver Medal 1939 All-America Selections. (Pkt. 25c) (¼ oz. 85c)

GIANT ART SHADES MIXTURE—(Pkt. 25c) (¼ oz. 75c)

GRANDIFLORA

CHAMOIS ROSE **PURE WHITE**

COCCINEA—Scarlet **ROSE**

LILAC **YELLOW**

Each of above: (Pkt. 15c) (½ oz. \$1.20)

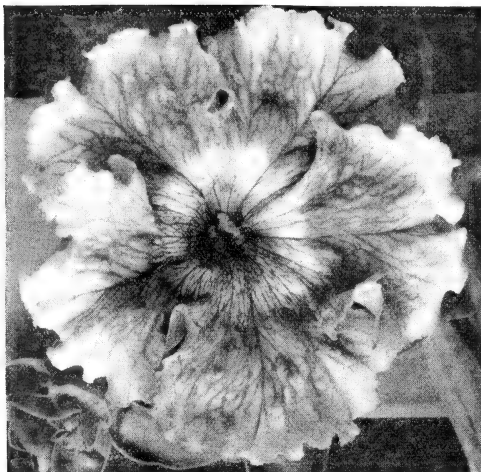
FINE MIXED—A choice mixture of all colors of the larger types. (Pkt. 15c) (½ oz. \$1.00)

DWARF MIXTURE—Select compact strain. (Pkt. 15c) (½ oz. \$1.25)



Phlox, Giant Art Shades

HALLAWELL'S CALIFORNIA PETUNIAS



Petunia, Glamour

Planting time, January to May

No flower surpasses the petunia for massing in beds. They do well sown in open border in spring or earlier in the cold frame or hotbed. Be careful not to cover the small seeds too deeply. Seeds of double varieties do not all produce double flowers; save the weaker seedlings, as they usually give the finest double flowers.

Have you ever tried Petunias for cut flowers? By cutting the flowers with long stems the plants are improved and the blooming season is prolonged. The large ruffled or fringed varieties make lovely bouquets and they keep well in water, too. Sow the seeds in flats January to May.

GIANT RUFFLED SORTS

HALLAWELL'S GIANT MIDGET PETUNIA—Huge flowers on small plants, suitable for pots, window boxes or beds. The flowers are ruffled and fringed with open well marked throats. For pot specimens let the first two or three flowers bloom, then pinch back regularly, and they will branch into fine pot plants. Mixture. (Pkt. 50c) (Large Pkt. \$1.25)

GLAMOUR—Large, ruffled blooms of salmon rose with veins of a darker shade. (Pkt. 50c)

RUFFLED GIANTS OF CALIFORNIA—Flowers of extraordinary size and substance in a fine mixture of light and dark shades. (Pkt. 35c) (large pkt. 85c)

DWARF GIANTS OF CALIFORNIA—A dwarf strain of Ruffled Giants; flowers are large and beautifully colored with well marked throats. (Pkt. 50c) (large pkt. \$1.25)

FRINGED VARIETIES

THEODOSIA IMPROVED—Here is a Petunia that has a color combination all its own. It is bright rosy pink with a golden center and it is beautiful. (Pkt. 35c) (Large Pkt. 85c)

DAINTY LADY—Light yellow with a beautifully fringed, and lacy edge. (Pkt. 25c) (Larger Pkt. 65c)

WHITE BEAUTY—Large white flowers with edges deeply fringed and fringed. (Pkt. 25c) (Larger Pkt. 65c)

DOUBLE VARIETIES

Double petunias are extremely interesting because the forms are so varied. Not all of them will be full double, but the semi-double forms are beautiful too and are most desirable for garden show.

GIANT DOUBLE FRINGED—This strain produces a large percentage of double flowers in a splendid variety of colors: (Pkt. 50c) (Large Pkt. \$1.25)

COMPACT RUFFLED

MARTHA WASHINGTON—Compact plants 9 inches high, smothered with frilled blooms about 3 inches in diameter. Color is flesh pink with the center veined wine red. (Pkt. 25c) ($\frac{1}{4}$ oz. 85c)

RUFFLED COMPACTA—This distinctly new Petunia has large well ruffled blooms on dwarf compact plants. It contains many lovely color combinations. (Pkt. 50c) (Large Pkt. \$1.25)

SINGLE BEDDING COMPACT

If planted early these petunias have a very long blooming season and are very colorful. They are easy to grow and will succeed in most any ordinary soil. Sow the seeds in flats and transplant to the garden when sufficiently large. It is suggested by some petunia growers that the soil should not be "firmed" to the seed when planted.

CELESTIAL ROSE—Deep rose on compact plants about 1 foot high. (Pkt. 20c) ($\frac{1}{4}$ oz. 75c)

CREAM STAR—Creamy white, star shaped flower, golden yellow in the center. (Pkt. 15c) ($\frac{1}{4}$ oz. 60c)

GLOW (Silver Medal 1940 A.A.S.)—Bright rose-red with lighter throat; free flowering. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

HEAVENLY BLUE, Reselected—Silvery light blue flowers; varies somewhat in color. (Pkt. 15c) ($\frac{1}{4}$ oz. 85c)

ROSE OF HEAVEN—Brilliant rose-pink. (Pkt. 15c) ($\frac{1}{4}$ oz. 60c)

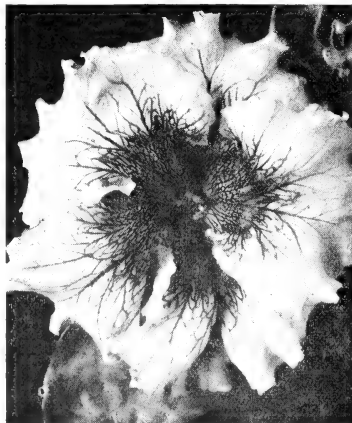
ROSY MORN—Soft, rosy pink with white throat. (Pkt. 15c) ($\frac{1}{4}$ oz. 65c)

SALMON SUPREME—Salmon pink. (Pkt. 25c) (Large Pkt. 65c)

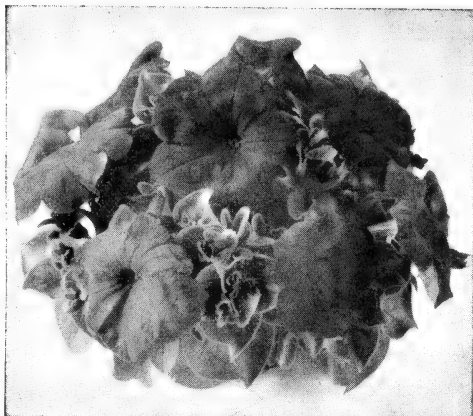
VELVET BALL—Deep mahogany red flowers, larger than others in this group. (Pkt. 25c) (Large Pkt. 65c)

SNOWBALL—Flowers pure white. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

VELVETY BLUE—Rich violet-blue. (Pkt. 15c) ($\frac{1}{4}$ oz. 60c)



Petunia, Giant Ruffled



Petunia, Velvet Ball

MINIATURE COMPACT PETUNIAS

PINK GEM—A new strain of dwarf compact Petunias. Each plant forms a perfect ball 5 to 6 inches high, literally smothered with light pink blooms. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

ROSE GEM—Similar in habit to Pink Gem. Color is a rich, deep rose. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

VIOLET GEM (New)—Rich violet-blue. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

WHITE GEM—Pure white. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

MINIATURE MIXED—(Pkt. 15c) ($\frac{1}{4}$ oz. 70c)

SINGLE BEDDING PETUNIAS

ELK'S PRIDE—The very popular velvety deep violet in a large flowering single. (Pkt. 20c) ($\frac{1}{2}$ oz. \$1.25)

RADIANCE (Silver Medal 1941 A.A.S.)—Cerise-rose with undertone of salmon and yellow throat. (Pkt. 25c) ($\frac{1}{2}$ oz. 90c)

TOPAZ ROSE—Fiery velvety rose suffused with gold. (Pkt. 20c) ($\frac{1}{2}$ oz. 75c)

LARGE-FLOWERED FINEST MIXED—Flowers of very choice colors, large size and free blooming. (Pkt. 15c) ($\frac{1}{2}$ oz. 75c)

GOOD MIXED—A complete mixture of all colors. (Pkt. 10c) ($\frac{1}{2}$ oz. 60c)

BALCONY PETUNIAS

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

BLACK PRINCE—Deep velvety red. (Pkt. 15c) ($\frac{1}{2}$ oz. 75c)

BLUE—Velvety indigo-blue. (Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

CORNFLOWER BLUE—(Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

ROSE—Brilliant rose-pink—(Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

WHITE—Pure white—(Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

BALCONY MIXED—(Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

POPPY

Papaver—Planting time, May to October

ORIENTAL POPPIES

Majestic summer flowering hardy perennial plants with numerous leafy stems about 2½ feet and large showy flowers having a conspicuous black blotch on each petal. The plants disappear in summer but appear again as soon as the weather becomes cool. Start seed during summer or early fall for next season's bloom. Sow in boxes or in the open ground and transplant when of suitable size.

ORIENTAL SCARLET—Vivid scarlet. (Pkt. 25c)

MRS. PERRY—One of the finest of the Orientals. The large orange-apricot flowers are brilliant in a border. (Pkt. 25c)

ORIENTALE HYBRIDS—A splendid mixture of many charming color combinations. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)

POPPY

ICELAND POPPIES (Nudicaule)

Planting time, August to March

While these are hardy perennials, they flower the first year from seed if sown fairly early. The plants are of graceful compact habit with low fern-like foliage, from which issue slender stalks about 15 inches high, bearing their brilliant flowers in endless profusion. Most useful for cutting, for which purpose pick when in bud. If the seed pods are picked off they will continue in bloom the entire season.

HALLAWELL'S PASTEL TINTS—In many lovely shades with the usual long stems and large flowers which characterize our strains of Iceland Poppies. A large bowl of them is very beautiful. (Pkt. 25c) ($\frac{1}{4}$ oz. \$1.00)

RED CARDINAL—Brilliant cardinal red. (Pkt. 20c) ($\frac{1}{4}$ oz. 60c)

THE EMPEROR—Large flowers of deep tangerine-orange, with broad fluted petals. (Pkt. 20c) ($\frac{1}{4}$ oz. 60c)

THE EMPRESS—Large flowered salmon-rose shades. (Pkt. 20c) ($\frac{1}{4}$ oz. 60c)

YELLOW WONDER—Large flowers of bright buttercup yellow. (Pkt. 20c) ($\frac{1}{4}$ oz. 60c)

SUNBEAM MIXTURE—A large flowered and strong growing strain of Iceland Poppy. The colors are also very rich. (Pkt. 15c) ($\frac{1}{2}$ oz. 50c)

SANDFORD'S GIANT STRAIN (New)—Immense flowers and very strong, long stems. A beautiful range of color. (Pkt. 25c) ($\frac{1}{2}$ oz. \$1.00)

ANNUAL POPPIES

Planting time, September to June

Annual Poppies should be sown in the open ground where they are to remain. Seed may be sown any time from September to June.

THE SHIRLEY—Finest Mixed. (Pkt. 10c) (oz. 60c)

SHIRLEY DOUBLE MIXED—A beautiful strain of double Shirley Poppies containing many new salmon shades. (Pkt. 10c) ($\frac{1}{2}$ oz. 40c) (oz. 65c)

AMERICAN LEGION—An improved Flanders Poppy with large single flowers of a rich dazzling orange-scarlet color. 2 feet high. (Pkt. 10c) (oz. 75c)



Iceland Poppy — Sanford's Giant Mixed



Giant Pansy

PANSIES

Hallawell's Select Strains

Planting time, July to May

Pansies thrive 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 flowers in the spring and summer. Sow the seed in a flat or frame, taking care in warm weather that the seed bed is kept cool and moist, and when the plants are large enough, transplant to stand 6 inches apart.

GENEVA GIANT SPECIAL MIXTURE—Our own special strain, a tried and true favorite, always in demand. Large flowers, good stems, and bright shades. (Pkt. 50c) (large pkt. \$1.25) ($\frac{1}{4}$ oz. \$2.25) ($\frac{1}{4}$ oz. \$7.50)
HALLAWELL'S JUMBO—A superb strain of extra size Pansies, selected for their splendid form and striking color combinations. (Pkt. 50c) (large pkt. \$1.25) ($\frac{1}{4}$ oz. \$2.00) ($\frac{1}{4}$ oz. \$6.00)

GIANT PANSIES

ALPENGLow—Rich velvety red with three dark blotches. (Pkt. 35c) (large pkt. 75c)
ALPINE SNOW—Largest pure white. (Pkt. 35c) (large pkt. 75c)
BERNA—Velvety Violet Blue, long stem, large well-formed flowers. (Pkt. 35c) (Large pkt. 75c)
CORONATION GOLD—A very large, pure golden yellow. (Pkt. 35c) (large pkt. 75c)
RHINEGOLD—Golden yellow with deeper brown blotches on the three lower petals. (Pkt. 35c) (large pkt. 75c)
ULLSWATER—Rich ultramarine-blue with dark blue blotches. (Pkt. 35c) (large pkt. 75c)
ENGELMANN'S GIANT MIXTURE—Giant flowers in a good mixture of rich and bright shades. A reselected stock of a popular English strain. (Pkt. 35c) ($\frac{1}{4}$ oz. \$2.00)
SUPER SWISS GIANTS MIXED—Flowers of mammoth size in a good range of colors; the rich dark colors predominating. (Pkt. 25c) ($\frac{1}{4}$ oz. \$1.25) ($\frac{1}{4}$ oz. \$2.00)
TRICOLOR (Johnny-Jump-Up). The miniature pansy of the old fashioned garden. The two upper petals are purple, the three lower, white shading to yellow in the center. (Pkt. 50c) (Large pkt. \$1.25)

PANSIES

INTRODUCING

HALLAWELL'S AMERICAN GIANTS

We take great pride in presenting to the public our very newest selection of large and magnificent Pansies. For color, size and texture these Pansies were unsurpassed in our Trials the past two years! (Pkt. \$1.00)

PRIMULA

Primrose—Planting time, February to July

SINENSIS

The Chinese Fringed Primrose are very desirable for the greenhouse. Sow in April or May for winter blooming, cover lightly and keep moist. Transplant when second leaf appears and keep shifting plants as they grow.

GIANT SINGLE FRINGED VARIETIES—Excelsior Mixture. 100 seeds. (Pkt. 50c)

VARIOUS PRIMROSES—Planting time, May to October
BULLEYANA—The flowers shade from buff through apricot to orange and are quite distinct from those of any other hardy Primula. The plant is perfectly hardy and is also well worth growing in pots. Height 2 feet. (Pkt. 50c)

PULVERULENTA BARTLEY STRAIN—A strong growing hardy Primula with numerous tiers of flowers in shades of pink, produced on sturdy tall stems. Valuable for shaded and damp places. (Pkt. 50c)

AURICULA—The Primrose of the Alps. Flowers variously colored; fragrant. Seed selected from prize flowers. (Pkt. 50c)

Primrose—Planting time, February to July

OBCONICA

GIANT MIXED—May be grown as pot plants in the greenhouse or transplanted to the border for blooming during the summer season. Seeds germinate easily in good porous loam which contains no peat moss or leaf mold. Sow in February or March for blooms the same year. (Pkt. 50c) (Large Pkt. \$1.25)

MALACOIDES

Early and profuse bloomers. Seeds sown in January should bloom by May, August sowings will give a fine display of blooms during the winter months.

LILAC—Small, light lilac flowers. (Pkt. 20c) ($\frac{1}{2}$ oz. \$1.50)

SALMON QUEEN—New Giant Salmon. (Pkt. 35c) (Large Pkt. 85c)

SWEETHEART—New Giant Salmon-pink edged white. (Pkt. 50c)

TWINKLES (New Double)—Flesh pink edged rose. (Pkt. 50c)

FAIRY JEWELS (Double). Rich rose-pink. The extra rows of petals appear first as a tuft in the center, later lying flat as the flower matures. (Pkt. 50c)

LAVENDER GLORY—Very large flowers of soft mauve-lavender. (Pkt. 35c)

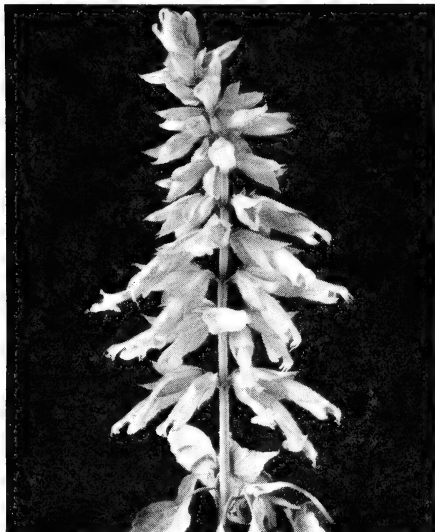
SNOW PLAKE—Large glistening pure white florets. (Pkt. 35c)

HARDY PRIMROSES

Planting time, May to October

POLYANTHUS GIANT SUPERB MIXED—Extra choice strain, most carefully selected for habit, rich colors and size of bloom. (Pkt. 35c) (Large Pkt. 85c)

POLYANTHUS YELLOW—Clusters of golden yellow flowers on stems sufficiently long to make good bowl arrangements. They thrive in partial shade. (Pkt. 50c) (Large Pkt. \$1.25) ($\frac{1}{4}$ oz. \$1.75)



Salvia

PHACELIA

- California Bluebell**—Planting time, September to June
- CAMPANULARIA**—A hardy California wild flower. The saucer-shaped flowers are a beautiful clear deep blue color with contrasting white stamens. 3 inches high. (Pkt. 10c) (oz. 75c)
- WHITLAVIA** (Wild Canterbury Bell)—Large, violet-purple bell-shaped flowers. Hardy annual 1 to 1½ feet high. Sow seed of both varieties in the open either in the fall or spring. (Pkt. 10c) (oz. 75c)

PORTULACA

- Moss Rose**—Planting time, April to June
- 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 the late spring when the ground is thoroughly warmed up.
- SINGLE MIXED**—A large variety of the most brilliant colors. (Pkt. 15c) (¼ oz. 60c)
- DOUBLE MIXED**—The most brilliant shades and choice flowers. (Pkt. 15c) (¼ oz. 75c)

PYRETHRUM

- Persian Daisy**
- PARTHENIFOLIUM AUREUM** or **GOLDEN FEATHER**—Small cut leaves of bright golden yellow. A hardy perennial, with bright foliage, much used for edging and borders. Seed can be sown from September to March and transplanted. (Pkt. 15c) (¼ oz. 40c)
- ROSEUM, IMPROVED SINGLE AND DOUBLE HYBRIDS**—A hardy perennial bearing large cosmos-like flowers with bright yellow centers; blooms in May and June and again in the fall and is one of the most graceful and long lasting cut flowers—2 feet. A selected strain with rose and pink shades predominating with some reds and very few whites. Sow from May to September. (Pkt. 25c) (½ oz. 75c)

RICINUS

- Castor Oil Bean**—Planting time, March to June
- An annual which persists as a perennial in mild climates. Grows to a height of from 6 to 15 feet, and has large ornamental foliage. Sow the seed from March until June.
- ZANZIBARENSIS**—A large-leaved variety, deep green and bronze, growing 10 to 15 feet high. (Pkt. 10c) (oz. 40c)

SALVIA

- Flowering Sage**—Planting time, May to October
- Scarlet and Blue Sage are usually treated as annuals. Start the seed from January to May, and set out plants when the weather has become warm. Other varieties are treated as perennials (sown May to October) except *Salvia Carduacea*, which is an annual.
- FIREBRAND**—Fiery scarlet; extra early and very dwarf. (Pkt. 25c) (⅓ oz. \$1.00)
- 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 greenhouse; half hardy perennial; 2 feet. (Pkt. 25c)
- FARINACEA BLUE BEDDER**—A more compact form of this popular hardy perennial variety, making it more desirable for bedding. Flowers deep blue. (Pkt. 20c) (⅓ oz. 50c)
- CARDUACEA** (Thistle Sage)—A hardy annual California wild flower with thistle-like woolly foliage and rich lavender flowers in large heads. Sow from October to June; 1 to 2 feet tall. (Pkt. 15c) (¼ oz. 50c) (oz. \$1.50)

SALPIGLOSSIS

- Velvet Flower**—Planting time, February to May
- Highly ornamental half veined annuals with large veined funnel-shaped flowers. Very showy in beds and borders and much prized for cutting. Height 3 feet. Sow seed early in the spring and transplant, or sow the seed where it is to remain, in April, and thin to 6 or 8 inches. Enrich the soil.
- SELECTED EMPEROR MIXED**—A very rich mixture. (Pkt. 15c) (¼ oz. 60c)
- DWARF GIANT FLOWERED MIXTURE**—More compact and with larger flowers. Height, 20 to 24 inches. (Pkt. 15c) (¼ oz. 60c)



Salpiglossis



Schizanthus, Super Giant Type

SCHIZANTHUS

Butterfly Orchid—Planting time, February to September
Extremely showy half hardy annual with fern-like foliage. The seed germinates readily and in a few weeks the plants are a mass of dainty flowers in many colors. Excellent for bedding as well as pot culture. During early spring sow the seed in boxes to transplant. In late spring the seed may also be sown in the open. For winter flowering in pots sow from July to September. Save the weaker seedlings as they usually produce the finest flowers.

HALLAWELL'S DWARF—A charming little flower, growing 10 to 15 inches high, all colorful flowers with scant foliage. Choce for mass bedding or for compact specimen pot plants. (Pkt. 25c) ($\frac{1}{4}$ oz. 85c)

HALLAWELL'S SELECT MIXTURE—An especially fine strain with very large, well shaped flowers, in a wide range of colors. They make splendid pot plants and are compact and bushy. (Pkt. 25c) ($\frac{1}{4}$ oz. 75c)

HALLAWELL'S SUPER GIANT MIXTURE—A splendid reselected strain for pot culture for porch and conservatory specimens. (Pkt. 35c) ($\frac{1}{4}$ oz. \$1.00)

PANSY FLOWERED—The large, smooth-edged pansy-flowered flowers are remarkably substantial, while the many rich self-colors in shades of pink, crimson, mauve, purple, as well as white are bright and attractive. Mixture: (Pkt. 35c) ($\frac{1}{4}$ oz. 85c)

MIXED—Ordinary mixture for mass bedding. (Pkt. 15c) ($\frac{1}{4}$ oz. 35c)

SMILAX

Myrsiophyllum—Planting time, Year Round

ASPARAGOIDES—A tender perennial twining climber with small glossy green leaves. Start seed under glass and transfer to a sheltered position after the weather has become warm. (Pkt. 15c) ($\frac{1}{4}$ oz. 45c)

HALLAWELL'S DOUBLE STOCKS

GIANTS OF CALIFORNIA

This fine strain of Stock is chosen chiefly for its branching habit; however, it has other good qualities such as large flowers and long branches.

GOLDEN GATE—Yellow. **SANTA MARIA**—White.
MOJAVE—Velvety purple. **SEQUOIA**—Rose Carmine.
MONTEREY—Pink. **TAHOE**—Lavender.
PACIFIC—Blue. **YOSEMITE**—Rose.
RED WOODS—Blood red. **SANTA BARBARA**—Chamois.
GIANTS MIXTURE—Mixture of all colors.
Each of the above: (Pkt. 15c) ($\frac{1}{4}$ oz. \$1.00)

DWARF TEN WEEK—Height, 1 foot.

MIXTURE—A splendid assortment of colors. Fine for low borders or bedding. (Pkt. 10c) ($\frac{1}{4}$ oz. 60c) ($\frac{1}{4}$ oz. \$1.00)

HALLAWELL'S STRAIN BROMPTON STOCK

Height, 20 inches

Seed sown from July to September will produce plants that will bloom freely the following spring and summer. The Brompton is not strictly speaking a winter stock, but is known as such for its hardiness and the fact that it carries through the winter in colder climates. It is a sturdy grower, and withstands cold wet weather well.

CELESTINE—Lavender-blue.

CRIMSON KING.

EMPRESS ELIZABETH—Bright carmine.

EGYPTIAN—Rose.

VIOLETTA—Dark Violet.

WHITE LADY—Very double, pure white.

SELECT MIXTURE—Mixture of all colors.

Each of above: (Pkt. 25c) ($\frac{1}{4}$ oz. 75c)

SOLANUM

Jerusalem Cherry—Planting time, February to May
CHRISTMAS PEPPER—Purplish-red cone-shaped fruit on compact plants suitable for pot culture. (Pkt. 25c)

CLEVELAND RED—A popular pot plant for winter decoration. It is of dwarf branching habit and bears bright scarlet berries in great profusion. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)

STOKESIA

Cornflower Aster—Planting time, May to October
A hardy perennial growing about 2 feet high, bearing 20 to 30 lavender cornflower-like blossoms; in bloom from July until frost. (Pkt. 15c) ($\frac{1}{4}$ oz. 75c)

STATICE

Sea Lavender

Planting time, A, September to April; P, May to October
Both the annual and the perennial statice make a nice show in the garden and any of them retain their true colors when dried for winter bouquets.

SINUATA—Most popular for Everlastings used by florists. Dark Blue, Rosea Superba, White, Yellow.

Each. (Pkt. 10c) (oz. 50c)

Collection—1 each of above 4 varieties 35c

NEW HYBRIDS MIXED. (Pkt. 10c) (3 Pkts. for 25c) (oz. 50c)

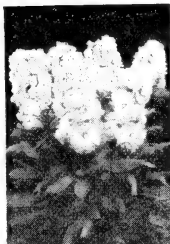
SUWOROWII—A hardy annual variety producing long spikes of bright rose-colored flowers. (Pkt. 10c) ($\frac{1}{4}$ oz. 60c)

PERENNIAL STATICE

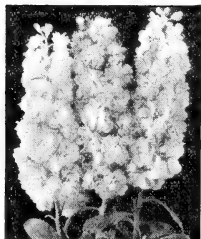
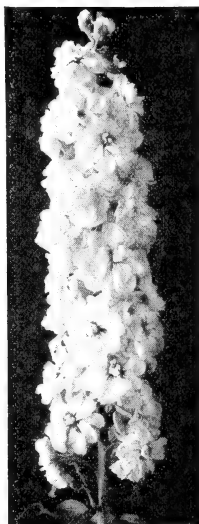
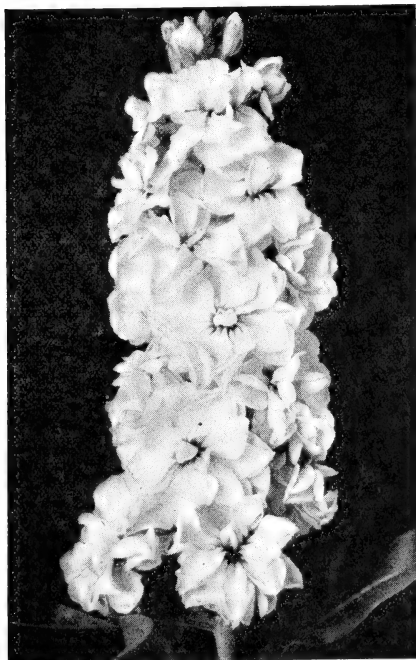
LATIFOLIA—Hardy perennial variety with large branching heads of clear mauve flowers. Invaluable for the perennial border as well as for drying. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)

CASPIA—One of the finest of the many varieties. Smaller flowers than Latifolia and of more delicate appearance in bouquet work. Color, pale lavender. (Pkt. 15c) ($\frac{1}{4}$ oz. 65c)

PEREZII—A splendid perennial variety with panicles of rich deep blue flowers carried well above attractive foliage. Makes a fine specimen plant and is a good cutting variety. (Pkt. 15c) ($\frac{1}{4}$ oz. 50c)



Stocks Ten Week

Stocks
Super Giant ImperialStocks
Giant Excelsior

Stocks, Early Giant Imperial

HALLAWELL'S DOUBLE STOCKS Select Strains

Matthiola—Planting time, July to April
 Note—The better strains of Stocks produce from 60 to 65 per cent of double flowers when all the plants survive and are used. For best results, sow seed thinly to permit uniform growth, use plants "as they come," and set closely enough in the beds to permit removal of the singles as they come into flower.

SUPER GIANT IMPERIAL

This new type is a distinct improvement in Stocks. The plants are base branching, producing a dozen or more large flower spikes.

BLUSH PINK. FIERY RED.
 CHAMOIS. ROSE CHARM—Deep rose.
 DARK BLUE. ROSELIGHT—Rose pink.

MIXTURE—Above colors.
 Each of above: (Pkt. 25c) (1/4 oz. \$1.00)

HALLAWELL'S STRAIN EARLY GIANT IMPERIAL

An especially fine strain of Stocks, growing from twenty-four to thirty inches tall, of branching habit. Very free blooming and produces a high percentage of double flowers. Splendid for cutting; equally suitable for bedding.

ANTIQUE COPPER—Rich, deep copper-red.
 BUTTERCUP—Soft canary yellow.
 CHAMOIS—Lovely pastel shade of ivory, tinted old rose.
 DARK BLUE—Bright deep blue.
 FIERY BLOOD RED—Fine bright color.
 FLESH—Delicate shell pink.
 GOLDEN ROSE—Rose, with golden sheen and center.
 LAVENDER—Pure lavender which blends beautifully with pink shades and white.
 LILAC—Rich color and a strong grower.
 OLD ROSE—Rich copper-rose; several shades lighter than Antique Copper.
 ROSE—Rose-pink; the standard florist color.
 SANTA MARIA—Glistening white; very large florets.
 SHASTA—Pure white; base-branching habit.

Each of above separate colors: (Pkt. 15c) (1/4 oz. \$1.00)
 Collection of 6 packets of any of above, 75c.
 CHOICEST MIXTURE. (Pkt. 15c) (1/4 oz. 90c)

HALLAWELL'S STRAIN GIANT PERFECTION

A splendid class which can be used for summer flowering, and for winter flowering is most valuable. It forms a much branched plant and has numerous spikes of large double flowers. For winter bloom sow from June to August and transplant to well drained soil.

AMERICAN BEAUTY. Very deep rose.
 CRIMSON. A brilliant color.
 FLESH (Beauty of Nice). Delicate shell-pink.
 HEATHAM BEAUTY. Rose, shaded terra cotta.
 LAVENDER. Fine color; lighter than variety Pale Blue.
 OLD ROSE (Belle of Naples). Rich terra cotta rose.
 PINK. Light rose-pink, fine in flower arrangements.
 PURPLE (Summer Night). Purple or dark blue.
 WHITE (Snowdrift). Pure white.
 YELLOW (Monte Carlo). Creamy yellow.
 Each of above separate colors: (Pkt. 15c) (1/4 oz. 85c)
 Collection of 6 packets of any of the above varieties, 75c.
 GIANT PERFECTION MIXED. (Pkt. 15c) (1/4 oz. 75c)

HALLAWELL'S STRAIN GIANT EXCELSIOR

Improved Column Type

These produce only one enormous spike 2 to 2 1/2 feet high and can be planted close together.

CHAMOIS PINK. Apricot or chamois-pink.
 DEEP ROSE. Brilliant deep rose.
 GARDENIA. Fine pure white; large florets.
 LILAC LAVENDER. Rich bright lavender.
 RUBY. Rich crimson-red.
 EXCELSIOR MIXTURE. Mixture of all colors.

Each of above: (Pkt. 50c) (1/2 oz. 75c)



Scabiosa, Loveliness

SCABIOSA

Pincushion Flower—Planting time, August to May

ANNUAL VARIETIES

Sow the seed any time in the fall or spring, either in boxes to transplant or in the open ground. Scabiosa grow about 3 feet high, and come into bloom early in July, and continue without interruption until hard frost. Splendid for cutting.

HALLWELL'S GIANT SCABIOSA SPECIAL STRAINS

BLUE MOON—Deep lavender-blue flowers, full double with high center.

HEAVENLY BLUE—Large azure-blue flowers on 18 to 20-inch stems.

Each of the above: (Pkt. 15c) (3 Pkts. 40c) (½ oz. \$1.00)

LOVELINESS—Salmon rose shades.

ORCHID SHADES.

PEACE—Pure white—All America Selection 1941.

ROSETTE—Attractive deep rose with a suffusion of salmon.

SALMON BEAUTY—Pure salmon; often the center is a slightly deeper shade.

HALLWELL'S GIANT HYBRIDS—There are many lovely shades in this mixture, including the new and rare varieties of recent introductions.

Each of the above: (Pkt. 15c) (3 Pkts. 40c) (½ oz. 85c)

FIRE KING—A brilliant scarlet.

PEACH BLOSSOM—Light pink.

DOUBLE BEDDING MIXTURE—A good range of colors, including some of the old-fashioned pin-cushion.

Any of the above: (Pkt. 10c) (3 Pkts. 25c) (¼ oz. 60c)

HARDY PERENNIAL SORTS

Planting time, May to November

CAUCASICA (Blue Bonnet)—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 2½ feet. (Pkt. 15c) (3 Pkts. 40c) (½ oz. 75c)

COLUMBARIA—Fine orchid-pink flowers on long stems; spreading habit and very free flowering. Flowers slightly smaller than Caucasica, but a good companion. (Pkt. 15c) (3 Pkts. 40c) (½ oz. 75c)

HOUSE'S HYBRIDS—An improvement over the Caucasica with larger flowers and longer stems. The colors range from light lavender to dark blue. (Pkt. 25c) (3 Pkts. 65c) (½ oz. \$1.50)

RANUNCULUS

Persian Buttercup—Planting time, August to December. These spring blooming plants grow 1 foot or more high and may be planted in a sunny or light shaded position. The flowers are double and semi-double, last well after cutting, and come in a wide range of brilliant colors. Sow seeds in boxes in the fall for bloom in the spring. Seed may require from 3 to 6 weeks to germinate, and the soil must not be permitted to dry out.

Hallwell's New Hybrid Mixture: (Pkt. 35c)

SANVITALIA

Creeping Zinnia—Planting time, February to June
PROCUMBENS FL. PL.—An excellent annual edging plant growing 6 inches high, with small double yellow flowers produced in abundance all summer. (Pkt. 15c) (3 Pkts. 40c) (¼ oz. 65c)

SAPONARIA

Soapwort

OCYMOIDES—A handsome dwarf trailing plant with bright rose colored flowers. Suitable for rock work or borders. Hardy perennial; sow May to October. (Pkt. 25c) (½ oz. 50c)

VACCARIA—A pretty and useful annual variety, bearing an abundance of satiny pink flowers somewhat like an enlarged Gypsophila; fine for cutting; 2 feet tall. Sow in the open from August to June. (Pkt. 10c) (3 Pkts. for 25c) (oz. 45c)

SAINTPAULIA

African-Violet—Planting time, January to August
IONANTHES GRANDIFLORA—A free and long flowering greenhouse perennial pot plant. Plants are dwarf, leaves like a Gloxina, flowers beautiful violet-blue with golden anthers resembling those of a single violet. (Pkt. 60c)

SHASTA DAISY

Chrysanthemum maximum—Planting time, May to Oct. A fine perennial plant bearing large white single blossoms with yellow centers; an excellent cut flower and admired everywhere. Soak seed in warm water overnight before sowing. Sow in boxes and transplant when well started.

ALASKA—Large single flowers. (Pkt. 15c) (¼ oz. 70c)

HALLWELL'S GIANT DOUBLE—(Variable). (Pkt. 35c) (½ oz. \$1.00)

WHITE QUEEN—This is a very good selection of Shasta for cutting or for borders. Plants grow about 2½ feet tall, bearing many medium sized flowers. (Pkt. 25c) (½ oz. 60c)

SILENE PENDULA

Catchfly—Planting time, August to May

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.

STREPTOCARPUS

Cape Primrose

Planting time, January to March; June to July

Novel free-blooming greenhouse pot plants, remaining in bloom for a long period. Finest Hybrids Mixed. (Pkt. 50c)

SWEET WILLIAM

Dianthus barbatus—Planting time, May to October

A very desirable low-growing, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. Seed sown in boxes in the early summer or fall will bloom the first season.

DWARF ALPINE (New)—The same large flowers as the taller Sweet William but growing only about 4 inches high. For low borders or for ground cover it is bright and gay. (Pkt. 25c)

HALLAWELL'S GIANT WHITE—Large pure white florets in splendid trusses. (Pkt. 15c) (½ oz. 50c)

NEWPORT PINK—Salmon-rose; single. (Pkt. 15c) (½ oz. 50c)

SCARLET BEAUTY—Single. (Pkt. 10c) (½ oz. 50c)

SINGLE MIXTURE—(Pkt. 10c) (¼ oz. 60c)

GIANT DOUBLE MIXED—(Pkt. 10c) (½ oz. 40c)

HOLBORN GLORY—Large flowers in a beautiful assortment of light shades, each with a deeper ring around the center. (Pkt. 10c) (½ oz. 50c)

TITHONIA

Mexican Sunflower—Planting time, March to June

This native annual of Mexico is one of the most useful late fall flowers we have, growing to a height of 6 to 10 feet, of free branching habit and is covered with orange-scarlet flowers until cut down by extreme frost. As a cut flower this flower will be highly prized for decorative purposes. In warmer districts where the season is long, sow where the plants are to remain, after the ground becomes warm. In colder climates sow earlier under protection, and set the plants out after frosts are past.

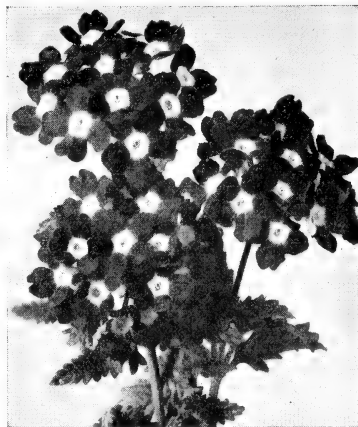
SPECIOSA—Orange vermilion. (Pkt. 25c) (½ oz. 60c)

FIREBALL (Speciosa Grandiflora)—Dazzling orange-scarlet. Larger flowers and more attractive foliage than the original species. (Pkt. 25c) (½ oz. 60c)

SUNFLOWER—See Helianthus.



Tithonia, Fireball



Verbena Royale

VERBENA

Verbena—Planting time, August to May

One of the most popular half-hardy perennial plants for summer bedding. Sown early in a hotbed, they commence to bloom in June and continue until frost. The seed is sometimes erratic in germinating; the first seedlings may appear in 14 days, and others follow during the next 2 weeks.

BIPINNATIFIDA—New perennial Verbena having fern-like foliage. Blooms first year from seed. (Pkt. 25c)

GIANT FLOWERING

APPLE BLOSSOM—(Pkt. 20c) (½ oz. 75c)

LAVENDER GLORY—Immense lavender colored flower with a creamy white eye. Varies somewhat, a small percentage being pure white. (Pkt. 20c) (½ oz. 75c)

SPECTRUM RED—An intense deep cardinal-scarlet throughout. (Pkt. 20c) (½ oz. 75c)

LUMINOSA—Luminous flame pink shading to salmon. (Pkt. 15c) (½ oz. 60c)

ROSEA STELLATA—Rose-pink, white eye; large size. (Pkt. 15c) (½ oz. 60c)

ROYALE—Royal blue, creamy yellow eye. (Pkt. 15c) (½ oz. 60c)

WHITE—(Pkt. 15c) (½ oz. 60c)

HALLAWELL'S GIANT MIXED—A wonderful mixture of extra large flowering varieties with conspicuous white eyes. (Pkt. 15c) (½ oz. 50c)

MAMMOTH MIXED—(Pkt. 10c) (¼ oz. 60c)

ERINOIDES (Moss Verbena)—Produces a profusion of purplish-blue flowers above a carpet of moss-like foliage; a desirable rock plant. (Pkt. 10c) (½ oz. 35c)

VENOSA (Hardy Garden Verbena)—A strong thrifty grower, about 1 foot high, covered from early summer until late fall with its bright purplish Heliotrope-colored flowers. (Pkt. 10c) (½ oz. 45c)

THUNBERGIA

Black-eyed Susan—Planting time, February to May

ALATA—A tender annual trailing plant, 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 center. Mixed. (Pkt. 10c) (½ oz. 40c)

HALLAWELL'S GLANT WAVED AND RUFFLED SWEET PEAS For Spring and Summer Blooming

Planting time, October to April

Price of each: (Pkt. 10c) (oz. 40c)

BLUE AND LAVENDER SHADES

CAPRI—Beautiful light blue; long stems; strong grower.

FLAGSHIP—Deep navy blue flowers, very large and on long strong stems. This is a Silver Medal winner.

FLORA—An outstanding, clear deep lavender.

HIGHLANDER—Lavender, many flowers on long strong stems.

KING LAVENDER—Light lavender, very robust grower.

HALLAWELL'S RUFFLED BLUE—Ruffled and duplexed dark blue flowers which are well placed on long vigorous stems.

ORANGE AND CERISE SHADES

CRINKLES—Large ruffled flowers of cerise-pink suffused coral.

GOLDEN DRAGON—Large duplexed orange. Standard is a vivid orange while the wings are shaded orange rose.

MAYTIME—Rich golden cerise, many flowers on a stem.

PINK AND ROSE SHADES

CHLOE—Deep shell pink on cream ground.

FLUFFY RUFFLES—Dainty cream pink, large ruffled flowers.

LADY RUFFLES—Exquisite pink on white ground. Large ruffled flowers.

PINKIE—Clear rose pink. Strong grower, large flowers.

ROSIE—Deep rose-pink; slightly waved and ruffled.

HALLAWELL'S RUFFLED ROSE—Soft rich rose, large and ruffled.

SWEET AFTON—Deep silvery pink, large flowered; fine stems.

PURPLE AND MAROON

LEVIATHAN—Rich maroon.

HALLAWELL'S RUFFLED PURPLE—Large ruffled flowers on good stems. Very beautiful in flower arrangements.

RED SHADES

HOLLYBERRY—Rich scarlet with a flush of orange.

RED SUPREME—A charming deep crimson. Large flowers, long stems.

HALLAWELL'S RUFFLED CRIMSON—Rich satiny crimson, ruffled and waved. Long stems.

WELCOME—Dazzling scarlet vermilion.

SALMON PINK SHADES

EXQUISITE RUFFLED—Sparkling salmon-cerise; large ruffled.

GLOAMING—Light salmon-pink on cream ground; an extra petal in many of these flowers and many of 4 to a stem.

PINK FRILLS—Salmon-cream pink seems to describe this very distinctive color.

SALMON GIGANTIC—Large flowered salmon-pink.

WHITE AND CREAM

GIGANTIC—Giant white.

MASTER CREAM—Deep cream.

SEXTET QUEEN—Giant white.

SNOW WHITE—Pure white.



Ruffled Spencer

FORMULA MIXTURES

HALLAWELL'S RUFFLED SPENCER MIXED—This extraordinary mixture contains all of the named ruffled varieties and many trial grounds ruffled which are not yet ready to be named separately.

These ruffled sweet peas are distinguished by their waved and ruffled flowers which give the appearance of being double. The flowers are very large, the stems long and there are an unusual number of flowers on a stem. (Pkt. 15c) (oz. 50c)

HALLAWELL'S GIANT SPENCER MIXTURE—A mixture of the choicest Giant Spencer Sweet Peas. Includes many colors, each in proper proportion to produce a colorful display. (Pkt. 10c) (oz. 30c)

CUPID SPENCER SWEET PEAS—Dwarf, Large Flowered—Dwarf and bushy, growing about 1 foot high, spreading about 2 feet. They are excellent for long edgings or long strips of ground cover. (Mixed Pkt. 15c) (oz. 60c)

Special Collection

6 Pkts. SPENCER SWEET PEAS—50c

1 pkt. each of:

CAPRI, GLOAMING, GIGANTIC, HIGHLANDER,
HOLLYBERRY, PINKIE.

Superb Collection

12 Pkts. SPENCER SWEET PEAS—\$1.00

1 pkt. each of:

CAPRI, GIGANTIC, GLOAMING, GOLDEN DRAGON,
HIGHLANDER, HOLLYBERRY, MASTER CREAM,
MAYTIME, PINKIE, RUFFLED BLUE, RUFFLED
CRIMSON, SALMON GIGANTIC.

HALLAWELL'S EARLY GIANT SWEET PEAS

For Fall and Winter Blooming

Early Giant type, flowering much earlier than most other Sweet Peas. They are particularly suitable for winter flowering in mild winter climates. They are large-flowered and long-stemmed, being similar to the Giant Spring blooming, but are tender and will not stand much frost. There is only one way to prove they would be satisfactory in your climate, and that is to try them. Planted in August or September they should bloom by Christmas if the weather is favorable.

Shade the bed—One difficulty in planting Sweet Peas during August or September is that they will not sprout if the soil is hot, so you must shade the bed with leafy tree branches or something similar, to keep the soil cool until the seeds are sprouted. As soon as the sprouts show through the surface, remove the shade. Plantings of Early Giant made in October, or later will bloom earlier than the Giant Waved, however, we suggest the latter for Spring and Summer blooming.

CULTURE OF SWEET PEAS

Dig a wide trench to a depth of 12 inches and after breaking up the bottom of trench fill in with several inches of peat or leaf mold to which add Hallawell's Sweet Pea Food; fill in the balance of the trench with good top soil. Tamp the soil down firmly and water thoroughly. Let stand a few days until moderately moist. Never put the seed in too wet soil. Pulverize the surface well by raking, make rows and plant seed about one inch deep, and two inches apart. Do not water until all the seed is up, at least half an inch out of the soil. Sweet Pea seed sown during hot weather should be shaded to keep the soil cool until seeds are sprouted. If soil is hot seeds may rot.

Thin out to at least six inches apart and train on wire netting or strings when plants are five or six inches high. Applications of Sweet Pea Food during flowering period will add to the length of stem and size of blossoms. Keep well cultivated and water only as needed during the blooming period, as excessive moisture will cause the buds to drop.

EARLY GIANT SWEET PEAS

Planting time, August to October

Any of the following: (Pkt. 15c) (oz. 75c)

- APOLLO—Soft salmon-cerise; long strong stems.
 ATTRACTION—Bright salmon pink.
 BALL ROSE IMPROVED—Large, rich rose pink.
 BLUE DANUBE—Enchanting mid-blue; large ruffled flowers on long stems.
 BRIDESMAID—Sparkling deep silvery pink; extra long stems and vigorous growth.
 CATTLEYA—Large flowers of rich rosy lilac; striking.
 DAPHNE—Soft salmon-pink on cream ground. An abundance of flowers on vigorous vines.
 FRAGRANCE—Mammoth clear, uniform lavender.
 HARMONY—Clear lavender; one of the best lavenders.
 HOPE—Large pure white; black seeded.
 MARS—Clear crimson; long stem and very vigorous.
 MEMORY—Giant lavender.
 MRS. REDDICK—Brilliant salmon flesh pink; long stems and exceptionally large wavy flowers.
 ORIENTAL—Rich deep cream; black seeded.
 SHIRLEY TEMPLE—Giant flowers of soft rose pink.
 SEQUOIA—Lovely golden cerise.
 TREASURE ISLAND—Sparkling golden orange.
 VULCAN—The moist vivid orange scarlet; long stems.
 WHITE CHAMPION—Long stemmed pure white. One of the best white seeded varieties.

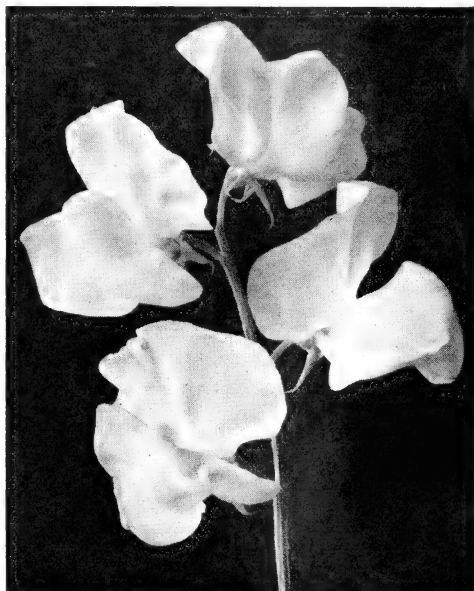
HALLAWELL'S EARLY GIANT MIXTURE—A well balanced color mixture of the choicest Early Giant varieties. One packet will plant about 5 or 6 feet of row. (Pkt. 15c) (oz. 50c)

EARLY GIANT COLLECTION

6 Pkts. EARLY GIANT SWEET PEAS—75c

1 packet each of:

ATTRACTION, BALL ROSE, CATTLEYA,
 HARMONY, HOPE, MARS



NITRAGIN INOCULATOR

A nitrogen gathering bacteria for inoculating Sweet Peas and Garden Peas. Garden size, 12c postpaid.

VENIDIUM

Monarch of the Veldt—Planting time, February to June

FASTUOSUM—A half hardy South African annual about 2 to 3 feet high, with long serrated grayish hairy foliage and flowers 3 inches across of a most brilliant orange with dark centers and maroon zone. Sow the seed in boxes from February to May and transplant to a sunny position. (Pkt. 25c) (¼ oz. 60c)

VINCA ROSEA

Madagascar Periwinkle—Planting time, January to May. A showy plant having attractive laurel-like foliage, and solitary flat flowers resembling but larger than phlox. Usually grown as an annual elsewhere than in the tropics, but will carry over and bloom in the winter under protection. Mixture. (Pkt. 15c) (¼ oz. 50c)

HALLAWELL'S California Zinnias

Planting time, April to July

Zinnias, the bold-faced beauties among annuals, are easy to grow. Thriving only in the heat, the seeds **MUST** be planted when the soil is warm. Full sun is what they demand. Sprinkling the tops may cause mildew. A good deep irrigation once or twice a week encourages deep rooting and healthy plants. If you observe the above instructions you will succeed in producing magnificent zinnias from Hallawell's California grown zinna seeds.

HALLAWELL'S Giant Dahlia Flowered

Huge flowers on vigorous stems. The petals and flowers are slightly cupped, giving the appearance of a dahlia. Plants grow 3 feet high and flowers are often 6 to 8 inches in diameter. Set the plants 12 to 15 inches apart in the row.

- CANARY BIRD—A bright shade of primrose-yellow.
 CRIMSON MONARCH—Rich crimson; flowers often eight inches in diameter.
 DREAM—Deep lavender turning to purple.
 ELDORADO—Salmon apricot.
 EXQUISITE—Rich light rose with deeper rose center.
 GOLDEN DAWN—Deep golden yellow of immense size.
 GOLDEN STATE—A very rich orange-yellow. Yellow in the bud turning to an attractive orange.
 ILLUMINATION—Similar to Exquisite, but a striking self color of deep rose.
 ORIOLE—Immense flowers of orange and gold.
 ROYAL PURPLE—Deep purple.
 POLAR BEAR—Very large pure white.
 SCARLET FLAME—Scarlet with a blending of orange throughout the petals.
 Any of the above varieties. (Pkt. 15c) (¼ oz. 60c)
 Collection of 6 packets of any of the above varieties for 75c.
 HALLAWELL'S SPECIAL MIXTURES—A well blended mixture containing all of the very best sorts. (Pkt. 15c) (¼ oz. 45c) (oz. \$1.75)



Zinnia, California Giant



Zinnia, Dahlia Flowered

California Giant

A special strain which produces flowers of enormous size with smaller flat centers and more loosely placed petals. The petals are decidedly imbricated and the flower from bud to bloom presents a graceful appearance. The plants are of vigorous and free blooming habit, fully 3 feet high and should be set 12 to 15 inches apart.

- DAFFODIL—Canary yellow.
 ENCHANTRESS—Light rose, deep rose center.
 GOLDEN QUEEN—Golden yellow.
 GRENADIER—Rich dark red.
 LAVENDER QUEEN—Deep lavender.
 MISS WILLMOTT—Beautiful soft pink.
 ORANGE KING—Burnt orange.
 PURITY—Pure white.
 ROSE QUEEN—Bright rose.
 SALMON ROSE SHADES.
 SCARLET QUEEN—Glowing scarlet.

Any of the above varieties. (Pkt. 15c) (¼ oz. 60c)
 CALIFORNIA GIANT FINEST MIXED—(Pkt. 15c) (¼ oz. 50c) (oz. \$1.75)

TOM THUMB ZINNIAS

Compact plants 4 to 6 inches high for pots or edgings. The flowers are pompon type and in a range of colors including red, orange, rose, yellow and pink, and also in pastel tints. (Pkt. 15c) (⅓ oz. 45c)

Lilliput or Pompon

A pretty type of compact habit not over 15 inches high, bearing in great profusion small, densely double flowers on long stems, held well above the foliage. Makes a good border or bed and is of more than usual value for cutting. Transplant 8 inches apart each way.

	Per pkt.		Per pkt.
BLACK RUBY	.....15c	VALENCIA ORANGE	.....15c
CANARY YELLOW	.....15c	SALMON ROSE	.....15c
GOLDEN ORANGE	.....15c	WHITE GEM	.....15c
CRIMSON GEM	.....15c	SCARLET GEM	.....15c
LILAC GEM	.....15c		

Any of the above colors. (¼ oz. 50c) (oz. \$1.75)
 PASTEL SHADES MIXTURE—Lovely soft shades of apricot, yellow, pink, and orchid. Fine for bouquets in the home. (Pkt. 15c) (¼ oz. 50c)
 DOUBLE LILLIPUT or POMPON MIXED—(Pkt. 10c) (¼ oz. 45c) (oz. \$1.50)

Various Zinnias

CROWN O'GOLD

PASTEL TINTS—An improved strain of the crown O'Gold type, with large well formed flowers, in soft pastel shades, each petal overlaid at the base with deep golden yellow. (Pkt. 20c) (¼ oz. 70c)

FANTASY

Medium sized shaggy flowers with twisted petals. Long lasting qualities and informal appearance of the flower make it particularly desirable for cutting. Height 2½ to 3 feet.

FANTASY MIXTURE—Fine assortment of brilliant and pastel shades. (Pkt. 15c) (¼ oz. 50c)

HAAGEANA or MEXICANA

Mexicana or Miniature

Flowers are the size of a large English Daisy, semi-double and double. The colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the marigold, the gaillardia and the chrysanthemum. Extremely free flowering and pretty; 12 inches high. (Pkt. 15c) (½ oz. 40c)



Zinnia, Linearis



Zinnia, Giant Crested

GIANT CRESTED HOWARD—While this zinnia does not come 100 per cent true to form, there is a large percentage of lovely crested flowers. The flowers are mostly in yellow, orange, rose, and crimson shades in mixture. The flowers are about 4 inches across with a high crest, surrounded by broad guard petals. They are very striking. (Pkt. 20c) (½ oz. 50c)

LINEARIS

The most unusual and interesting of the newer zinnias. The single flowers are golden orange in color, with a lemon yellow stripe running from the base to end of each petal, and are borne in the greatest profusion until frost. Plants are 8 to 18 inches tall, with an eventual spread of nearly 2 feet. (Pkt. 15c) (½ oz. 60c)

MISSION GIANT

Not as large flowered as the California Giant type, but exceptionally double and in a wonderful range of bright and pastel shades. Splendid for mass effect and for cutting.

MIXTURE—(Pkt. 10c) (¼ oz. 50c)

HALLAWELL'S CALIFORNIA WILD FLOWERS

On the Pacific Coast, sow successively from fall to early summer; in the East and Middle States, from March to May.

Successive sowings of Wild Flower seed will provide bloom almost the year around in California, especially in the cooler regions and if the plants can be watered. Although they respond best to careful soil preparation, scatter plantings are successful if the seed is sown at seasons when the plants will have benefit of rainfall. In areas where wild shrubs abound, it is better to concentrate your efforts on the clear spaces, and assure success by scarifying the soil with a mattock or heavy rake to make it easier for the seeds to root.

One ounce of seed will sow 150 to 200 square feet in a home garden planting, while one pound to 5,000 square feet is recommended for a city lot broadcast planting. For hillside or field planting, 5 to 8 pounds per acre are required, depending upon the existing growth of wild shrubs. Mix an equal quantity of sand with the seed as an aid to distribution.

CLARKIA
BARTONIA
COLLINSIA

ESCHSCHOLTZIA
GILIA CAPITATA
GODETIA AMOENA

LEPTOSYNE
LUPIN NANUS
NEMOPHILA

PHACELIA CAMPANULARIA
PHACELIA WHITLAVIA
SALVIA CARDUACEA

Each of above: (Pkt. 10c) (bulk prices under listings in text).

COLLECTION of one packet each of the above 12 for \$1.00.

CALIFORNIA WILD FLOWER MIXTURE. (Pkt. 10c) (oz. 60c) (¼ lb. \$1.75) (lb. \$6.00)
WILD AND HARDY CULTIVATED VARIETIES MIXED. (Pkt. 10c) (oz. 35c) (¼ lb. \$1.00) (1/2 lb. \$1.65)
(lb. \$3.00).



Viola Blue Perfection

VIOLA

Tufted Pansies—Planting time, July to March
Very free-blooming hardy perennial plants. Flowers are not so large as in other varieties of Pansies, but are produced in much greater numbers and also bloom for a longer season. Valuable for edging beds and borders. Keep the seed bed cool and moist. Our seed is always 100 per cent current crop.

ARKWRIGHT RUBY—Dark crimson-scarlet with central markings. (Pkt. 35c) (¼ oz. \$1.35)

BLUE PERFECTION—Deep purplish blue. (Pkt. 20c) (½ oz. \$1.00)

CHANTREYLAND—Pure apricot; free flowering. (Pkt. 25c) (¼ oz. \$1.00)

LUTEA GRANDIFLORA—Fine yellow. (Pkt. 15c) (½ oz. \$1.00)

PAPILIO—Lavender with white eye. (Pkt. 15c) (½ oz. \$1.00)

WHITE PERFECTION—(Pkt. 15c) (½ oz. \$1.00)

VIOLA MIXTURE—Hallawell's mixture of bright gay colors. (Pkt. 15c) (½ oz. \$1.00)

VALERIANA

Valerian—Planting time, May to October
Showy plants for mixed borders or shrubberies, bearing large corymbs of bright flowers; bears shade and moisture well. Hardy perennial 21½ feet.

CRIMSON (Rubra)—(Pkt. 15c) (½ oz. 45c)

VIRGINIAN STOCK

Malcotmia—Planting time, Year Round
A hardy annual, growing about 6 inches high and blooming profusely. Of easy culture, and can be had in continuous bloom by sowing the seed at frequent intervals during spring and summer.

CRIMSON GEM—An erect, compact variety. (Pkt. 10c) (½ oz. 60c)

ROSE—Bright rose turning to lavender. (Pkt. 10c) (½ oz. 60c)

WHITE—Pure white. (Pkt. 10c) (½ oz. 60c)

MIXED COLORS—(Pkt. 10c) (Large Pkt. 35c) (oz. 75c)

WALLFLOWER

Cheiranthus—Planting time, May to October
An ever popular old fashioned perennial. Grows 1 to 2 feet high and bears long stems of fragrant flowers. It is best to renew the plants every 2 or 3 years by resowing the seed. For extra early bloom next season, sow in May or June.

HALLAWELL'S SPECIAL SINGLE MIXTURE—(Pkt. 15c) (½ oz. 40c)

DOUBLE EXTRA CHOICE MIXED—This mixture contains many beautiful colors. (Pkt. 15c) (¼ oz. 75c)

THALICTRUM

Dipterocarpum

Meadow Rue—Planting time, May to October

This is a lovely perennial not yet too well known by home gardeners but very deserving. It is a delicate airy thing, having large sprays of rosy lilac sepals with long showy yellow stamens, foliage very much like the maidenhair fern. A few sprays in a bouquet are very enchanting. It thrives in partial shade. (Pkt. 25c) (3 Pkts. 65c)

TIGRIDIA

Shell Flower—Planting time, January to May
HALLAWELL'S HYBRIDS—A half hardy bulbous plant, of the Iris species. Three bold petals in rich tropical shades of scarlet, rose, yellow, orange, or white, encircling a curiously spotted cup. The flowers bloom brilliantly for only a day, but each day there is a succession of blooms, lasting throughout the summer. They are easily grown from seeds sown in the spring. Be patient, for they require three or four weeks to germinate. Start in flats and transplant, keeping them well watered during the growing season. (Pkt. 35c)

VISCARIA

Rose of Heaven—Planting time, September to May
A beautiful hardy annual and one of the easiest to grow. The flowers are similar in shape to a single Pink; it is extremely free flowering and make brilliant clumps in the border. Height, 1 foot. For summer flowering, seed may be sown in the open from March until May, or in September and October for early flowering next season.

CANDIDA—Pure white. (Pkt. 15c) (½ oz. 60c)

FIRE KING—Brilliant scarlet. (Pkt. 15c) (½ oz. 75c)

ROSE BEAUTY—Rich rose with darker eye. (Pkt. 15c) (½ oz. 40c)

HORTICULTURAL BOOKS

Prices are postpaid

Annuals in the Garden—Ortloff. \$1.25.

The Book on Bulbs—Rockwell. \$2.50.

Garden Bulbs in Color—McFarland, Hatton & Foley. \$2.00.

Cacti for the Amateur—Hazelton. \$1.00.
Gardening in California—Mitchell. \$2.50.

The Garden in Color—Wilder. \$2.95.

Design of Small Properties—Bottomley. \$2.50.

Flower Arrangement—Rockwell & Grayson. \$3.00.

The Garden of Gourds—L. H. Bailey. \$2.50.

Herbs and Herb Gardening—Rohde. \$3.00.

Hortus 2nd—L. H. & E. Z. Bailey. \$12.00.

The Gardener's How Book—Sherlock. \$3.50.

Gardening Indoors—Rockwell. \$2.50.

Lawns—Rockwell. \$1.25.

Hardy Californians—Rowntree. \$3.50.

Outdoor Living Room—Ramsey & Lawrence. \$2.50.

The Pruning Manual—Bailey. \$3.50.

How to Prune Western Shrubs—Martin. \$1.00.

How to Grow Roses—McFarland & Pyle. \$1.00.

Rock Garden and Alpine Plants—Correvoon. \$3.50.

Rhododendrons and Azaleas—Bowers. \$10.00.

Sunset Complete Garden Book—\$1.00.

Sunset Visual Garden Manual—\$1.00.

Sunset Flower Arrangement—\$1.00.

The Standard Cyclopedia of Horticulture—Bailey. \$15.00.

The Vegetable Grower's How Book—Sherlock. \$3.00.

The Garden Clinic—Lawrence Blair. \$2.00.

Vegetables in the California Garden—Ross H. Gast. 50c.

CLASSIFICATION OF FLOWER SEEDS

HEIGHTS

ANNUALS		
Tall—2½ Feet and Up		
Amaranthus	Larkspur, Annual	Salpiglossis
Aster	Lavatera Sunset	Salvia splendens
Calliopsis	Marigold,	Scabiosa
Celosia, Tall	Tall French	Snadragon,
Cleome	Marigold,	Maximum
Cosmos	Tall African	Stocks
Cornflower	Nicotiana	Sunflower
Helichrysum	Poppy, Double	Tithonia
Kochia	Rudbeckia	Venidium
		Zinnia, Giant
Medium—1 to 2 Feet		
Ageratum	Dimorphothecca	Mignonette
Aionosa	Eschscholtzia, or	Nasturtium, Dwarf
Anchusa	California Poppy	Nigella
Arctotis grandis	Euphorbia	Petunia
Aster	Four-O'Clock	Physalis
Balsam	Gaillardia	Poppy
Bartonia aurea	Gilia	Phlox
Browallia	Godetia	Rhodanthe
Callendula	Gypsophila	Saponaria
Candytuft	Hunnemannia	Schizanthus
Centaurea	Leptosyne	Snadragon,
Chrysanthemum	Linum, Scarlet Flax	Intermediate
Clarkia	Lupines	Statice
Collinsia	Marigold,	Stocks, Ten Weeks
Dianthus	Dwarf French	Viscaria
Discus	Mathiola	Zinnia, Pompon
Dwarf—6 to 12 Inches		
Abronia	Cuphea	Nemophila
Ageratum, Dwarf	Gilia micrantha	Pansy
Alyssum	Godetia	Petunia, Compact
Anagallis	Gomphrena	Phacelia
Brachycome	Linaria maroccana	Portulaca
Calliopsis	Lobelia compacta	Santitalia
Candytuft, Dwarf	Marigold signata	Silene
Celosia, Dwarf	Mesembryanthe	Sweet Peas, Cupid
Convolvulus,	mum	Torenia
Dwarf	Nemesia	Ursinia
		Virginian Stock

PERENNIALS		
Tall—2½ Feet and Up		
Abutilon	Heliopsis	Poppy, Oriental
Anchusa	Heliotrope	Rudbeckia
Campanula, Tall	Hibiscus	Salvia azurea
Castor Oil Bean	Hollyhock	Salvia farinacea
Dahlia	Honesty	Sweet Rocket
Delphinium	Loebelia	Thalictrum
Digitalis	Lobelia cardinalis	Valerian
Geranium	Lupines	
Medium—1 to 2 Feet		
Agrothea	Coreopsis	Pentstemon
Agrostemma	Cynoglossum	Physostegia
Asclepia	Dahlia, Dwarf	Platycodon
Aster	Hybrids	Poppy, Iceland
Begonia, Fibrous	Daisy, Shasta	Potentilla
Rotted	Forget-Me-Not	Pyrethrum
Begonia,	Gaillardia	Rehmannia
Tuberous	Geum	Salvia Patens
Candytuft,	Gerbera	Scabiosa
Perennial	Heuchera	Stocks, Brompton
Carnation	Linum perenne	Stokesia
Cheiranthus	Lychnis	Sweet William
Cineraria	Meconopsis	Trachelium
Columbine	Mimulus	Verbena
		Wallflower
Dwarf—6 to 12 Inches		
Alyssum saxatile	Cerastium	Matricaria,
Anemone	Daisy, English	Golden Ball
Arabis	Dianthus	Nierembergia
Aubrietia	pianarius	Primula, polyanthus
Campanula	Diascia	Pyrethrum,
carpatica	Forget-Me-Not	Golden Feather
Centaurea,	Freesia	Ranunculus
Dusty Miller	Kenilworth Ivy	Viola

FOR SPECIAL PURPOSES

FOR CUT FLOWERS

Acroclinium	Dahlia	Phlox
Anemone	Delphinium	Poppy, Iceland
Arctotis	Didacus	Pyrethrum
Aster	Gaillardia	Ranunculus
Brachycome	Gerbera	Rhodanthe
Callendula	Godetia	Salpiglossis
Calliopsis	Gypsophila	Scabiosa
Candytuft	Helichrysum	Shasta Daisy
Carnation	Heuchera	Snadragon
Celosia	Hunnemannia	Statice
Centaurea	Larkspur	Stock
Chrysanthemum	Lupine (Per.)	Sunflower
Cineraria, Stellata	Marigold	Sweet Peas
Coreopsis	Mignonette	Thalicttrum
Cornflower	Pentstemon,	Zinnia
Cosmos	Miniature	

FOR SHADE (*), OR PARTIAL SHADE

Anemone	Cynoglossum	Nemophila
Begonia	Forget-Me-Not	Pansies
*Calceolaria	Foxglove	Pentstemon
*Cineraria	Heuchera	Primula
Clarkia	Kenilworth Ivy	Snadragon
Collinsia	*Meconopsis	Thalicttrum
*Columbine	Mignonette	*Valerian
*Cyclamen	Mimulus	Viola
		Wallflower

GREENHOUSE PLANTS

Achimenes	Celosia, Pride of	Lobelia tenuiflora
Asparagus Fern	Castle Gould	Mimosa
Begonia, Tuberosus	Cineraria	Nemophila
Begonia, Fibrous	Coleus	Physalis
Rotted	Cyclamen	Primula
Browallia Major	Diascia	Saintpaulia
Calceolaria	Gesneria	Schizanthus
Celosia, Glasgow	Gloxinia	Solanum
Prize	Impatiens	Streptocarpus
		Torenia

FOR ROCKERIES

Abronia	Forget-Me-Not	Portulaca
Alyssum saxatile	Heuchera	Sanvitalia
Arabis	Iberis	Saponaria
Aster, perennial	Kenilworth Ivy	ocymoides
Aubrietia	Lobelia, Trailing	Statice latifolia
Cerastium	Nierembergia	Thunbergia
Dianthus caesius	Pentstemon,	Verbena
Dianthus deltoides	Blue Gem	
Diascia		

FOR WINDOW BOXES

Ageratum	Dianthus	Nasturtium
Agathea	Forget-Me-Not	Nierembergia
Alyssum	Geranium	Nemesia
Arabis	Heuchera	Pansy
Asparagus Fern	Kenilworth Ivy	Petunia
Begonia	Lobelia	Verbena
Cuphea	Mimulus	Viola

ANNUAL VINES

Balsam Apple	Dolichos	Mina lobata
Canary Bird Vine	Gourds	Moonflower
Cardinal Climber	Ornamental	Nasturtium, Tall
Cypress Vine	Humulus, or	Sweet Peas
Convolvulus	Japanese Hop	Scarlet Runner
(Morning Glory)	Ipomea	Bean

PERENNIAL VINES

Australian Pea	Cobaea scandens	Maurandia
Vine	Lathyrus latifolius	Smlax

EVERLASTING FLOWERS

Acroclinium	Helichrysum	Rhodanthe
Gomphrena	Honesty	Statice

Hallawell's Roses

Bloom Profusely the First Year

There are four commercial grades of roses and HALLAWELL'S ROSES ARE ALL SELECTED NO. 1 GRADE. They are grown under soil and climatic conditions suitable for production of vigorous bushes, which will grow to strong sturdy plants.

Bush roses will bloom freely the first year, while climbing varieties often require two years or more to bloom profusely. Bare root bush and climbing varieties are usually ready for delivery in December, if weather conditions permit digging.

PLANTING—Before planting dormant roses, remove the small branches and cut back the large ones to 5 or 6 inches, leaving an outside bud at the top. Plant to a depth where the bud-union will be just below the surface and pack the soil well around the roots, leaving no air spaces. Well-rotted manure and bonemeal or other suitable fertilizer may be placed on the surface as a mulch after planting.

SPRAYING—To prevent and control mildew, and to destroy aphid and scale, spray regularly with a fungicide and an insecticide. A good combination which may be used together in one spray, is a solution containing 1 tablespoon of Acme Kopper Queen and 3 tablespoons of Acme Emo-Nik, to 1 gallon of water.

PRUNING—Pruning should be done during the dormant season, usually from December to February. In general, weak-growing varieties may be pruned more severely than stronger varieties. Pruning operations may be divided into three classes:

Light—Thin out all but 4 to 7 canes, and cut back to 6 or 7 eyes.

Medium—Thin out all but 4 to 6 canes, and cut back 4 to 5 eyes each.

Severe—Thin out all but 3 to 5 canes, and cut these back to leave 3 or 4 eyes on each cane.

Obviously the more severe pruning reduces the number of flowers, but improves the quality. In shortening canes, always cut to an outside bud, and the cut should be $\frac{1}{4}$ inch above the bud. This tends to broaden the bush and prevents dense center growth. In removing canes or laterals entirely, use sharp shears and make a smooth, clean cut, as close as possible to the older wood from which it springs. A clean cut will heal smoothly, while a stub may decay and cause injury.

Climbing roses require little pruning. At most the laterals on main canes may be shortened to 3 or 4 eyes, and other brush removed to keep the top within bounds. Old canes may be replaced by new ones growing from the base of the plant, if it seems desirable.

CUTTING THE FLOWERS—Cutting roses with long stems is desirable, and is in effect summer pruning. Cut the stems to within 2 or 3 eyes of the main lateral, and follow the same procedure with the flowers which have been permitted to remain on the bush, as soon as they have faded. Also remove small branches and brush growth in July when the rose garden is fertilized to improve the fall crop.

VISIT OUR NURSERY-GARDENS, 19th Avenue at Sloat Blvd., in San Francisco, where we have growing many varieties of Roses, both bush and climbing.

HALLAWELL'S TREE ROSES

An Assortment of the Most Dependable Varieties

Tree roses are grown by budding a variety into a straight standard or trunk. They produce large heads of foliage and beautiful long-stemmed blooms, often larger and of better quality than the bush.

Hallawell's tree roses are of first quality. They are usually available during January and early February as bare root, and can be packed for shipment at a slight charge of 25c per plant to cover cost of packing materials, etc.

We Ship Only Bare Root Stock

By February 15th they are put into containers in which they are available the remainder of the season, or as long as the supply lasts. There is an additional charge of 25c for plants in container. **We do Not Ship Roses in Containers.**

The following list includes many of the finest patented varieties in No. 1 grade.

Price \$2.75 each, 10 or more \$2.50 each.

BLAZE—Patent No. 10, Bright scarlet.

CHRISTOPHER STONE—Vivid scarlet, long pointed bud.

COUNTESS VANDAL—Pat. No. 38—Pink suffused soft gold.

DICKSON' RED—Pat. No. 376—Crismon scarlet.

DUCHESS OF ATHOLL—Golden bronze and orange.

DUQUESA DE PENERANDA—Apricot pink.

ECLIPSE—Pat. No. 172—Golden yellow.

ETOILE DE HOLLANDE—Brilliant red.

GOLDEN GLEAM—Golden yellow.

HINRICH GAEDE—Copper orange and crimson.

McGREDY'S IVORY—Ivory white.

McGREDY'S YELLOW—Fragrant yellow.

MRS. P. S. DuPONT—Deep yellow.

MRS. SAM McGREDY—Red and orange.

MME. J. PERRAUD—Bright orange.

PAN-AMERICA—Pat. No. 437—Light gold.

ROSE D'OR—Pat. No. 482—Deep yellow.

SATURNIA—Pat. No. 349—Cardinal red.

SIGNORA—Pat. No. 201—Scarlet orange.

TALISMAN—Orange and yellow.

WHITE BRIARCLIFF—Pat. No. 108—White.



HALLAWELL'S BUSH ROSES

All our roses are strong 2-year-old field grown No. 1 grade, and will bloom freely the first season.

MAIL ORDERS—Prices on roses are f.o.b. San Francisco. If they are to be sent by Parcel Post, include 25c for packing and postage on orders under \$2.00. On orders for more than \$2.00, send 10 per cent of the amount of order to cover packing and postage within the 4th zone. If postage is not included in remittance, order will be sent by Express. Please give name of Express Office if different from P. O.

Bush and climbing roses are available in containers only after March 15th, at an additional cost of 10c per rose. For shipping roses in containers, please add 10 per cent of the amount of the order to cover packing cost. Transportation to be by Express collect.

ANGELS MATEU—A distinctive new color described as brilliant orange-rose. The blooms are large, fully double and fragrant. The plant has a strong, upright growth, is well foliaged and a prolific bloomer. \$1.00 each (3 or more 85c each). Patented.

AUTUMN—A most unusual color combination of deep burnt orange and pink streaked with red. Moderately fragrant and very lasting. The bush is a strong upright grower with thick, glossy foliage. 75c.

BRIARCLIFF—An improved Columbia. High-centered buds of excellent form; color bright pink; stems long, stiff and nearly thornless. 75c.

CALIFORNIA—A glorious shade of ruddy orange, tinted saffron yellow, with an overlay of Saturn-rose on the reverse. Long, pointed buds and enormous flowers; vigorous growth, and glossy foliage. \$1.50 each (3 or more \$1.25 each). Patent rights reserved.

CECILE BRUNNER—The well-known "Baby Rose." Miniature flowers of rosy pink shaded with salmon. Almost always in bloom; strong grower. 75c.

CHARLES P. KILHAM—A remarkably fine flower of the Mme. Edouard Herr'ot type, with many more petals and an even more brilliant coloring of coral-red and orange on long straight stems. It is a strong grower with a prolific blooming habit. 75c.



E. G. Hill

CHARLOTTE ARMSTRONG—The All-America Rose for 1941! The rose lover's dream of surpassing beauty come true. The long, slender buds are blood-red, and the brilliant open flowers spectrum-red in cool weather. Gerise in hot weather. This is a grand rose. \$1.25 each. Patent rights reserved.

CHRISTOPHER STONE—From all sections come glowing reports of this outstanding new red rose. A long, pointed bud opening to a large double flower of vivid scarlet. Free bloom ng and fragrant. Upright in growth with bronzy green foliage. 75c.

CONDESA DE SASTAGO—This Spanish novelty is the first double rose to have the vivid colors of the brilliant species rose Austrian copper. The bud is like a ball of gold with red stripes. Fully open it is fiery copper and rich gold. 75c.

COUNTESSE VANDAL—A lovely pink rose. Its long pointed buds, distinctive shadings of coppery bronze suffused with soft gold, and fine form, provide a continuous unfoldment of new beauty during its long life. \$1.00 each (3 or more, 85c each). Patented.

DICKSON'S RED—The richness of its fragrance and ripe warmth of its crimson-scarlet color, will endear this variety to lovers of red roses. The rich deep color does not fade in the hottest sunshine. Blooms are borne singly on long stems for cutting. \$1.25 each (3 or more, \$1.05 each). Patented.

DUCHESS OF ATHOLL—One of the most outstanding of the newer varieties. Full, double flowers on heavy stems in a very rich shade of golden bronze flushed orange. A continuous bloomer and vigorous grower. 75c.

DUQUESA DE PENARANDA—Th's grand rose produces long pointed buds of apricot, orange and dark pink. Curiously in the Fall the flowers are of a cinnamon peach color. A continuous bloomer. 75c.

ECLIPSE—Esteemed for its artistic, golden yellow buds, the beauty of which is further enhanced by the long irregular shaped, bright green sepals. A vigorous bush and good stems. \$1.25 each (3 or more, \$1.05 each). Patented.

E. G. HILL—Immense flowers of a dazzling scarlet, shading to a deeper red as they develop; the fragrant flowers are borne on long stems. 75c.



Heart's Desire

ELITE—Slender long pointed buds, deep coral, almost orange, unfolding slowly into 4½ inch cup-shaped, salmon-pink blooms with yellow blend. Patented. \$1.00 each.

ETERNAL YOUTH—The perfectly formed buds are beautiful, clear soft pink, with a touch of salmon-yellow at the base of each petal. Most beautiful in the half-open stage, retaining the lovely rich pink color. Spicily fragrant. \$1.25 each (3 or more \$1.05 each). Patented.

ETOILE DE HOLLANDE—Brilliant red blooms of magnificent size; perfect in half-open state, and holds its color. One of the most fragrant roses. 75c.

FEDERICO CASAS—Richly colored buds of reddish orange which open to semi-double flowers of coppery pink with an intense yellow center. Somewhat like Talisman but a stronger grower. More highly colored than Talisman but not quite so double. 75c.

FRAU KARL DRUSHKI—Also known as the White American Beauty. Pure, snow-white; immense long buds; shell-shaped petals, opening to large flowers. Of very strong upright growth; a continuous bloomer. 75c.

GENERAL MacARTHUR—Bright scarlet-red, large and full; buds of an ideal shape, carried on strong stalks; sweetly scented; vigorous grower and free bloomer. 75c.

GOLDEN EMBLEM—Flowers are large and of perfect shape. The long golden yellow buds are tinted with crimson on the outer petals and open to a full golden yellow flower. 75c.

GOLDEN GLEAM—A rich yellow rose with a bit of crimson on the outside petals in bud form. Opens to a full golden-yellow, has good stems, and a symmetrical habit of growth with glossy green foliage. 75c.

HADLEY—Though there are many fine red roses, Hadley remains a favorite. Its brilliant rich red buds open to full fragrant bloom on good stems. 75c.

HEARTS DESIRE—The All-America selection for 1942. Exquisite, slender buds of deep red, opening to a semi-double flower of deep velvety red, which does not fade. It has a true, oldtime rose fragrance. \$1.50 each (3 or more, \$1.25 each). Patented.

HECTOR DEANE—A radiant new Irish introduction of exceptional fragrance. It is crimson in bud, with a suggestion of orange, and as the flower opens the orange diffuses, leaving a circle of yellow in the center. \$1.25 each (3 or more, \$1.05 each). Patented.

HEINRICH WENDLAND—Large, double flowers of reddish copper, with an orange flush, the back of the petals being a rich orange. Fragrant. 75c.

HINRICH GAEDE—This is a very desirable rose. The color is rosy copper, or copper orange. The buds are very large and are usually born singly on long, strong stems. 75c.

HOOSIER BEAUTY—One of the best red roses, of rich crimson color which does not fade. Richly fragrant; a good bloomer. 75c.

J. OTTO THILOW—Exquisite, perfectly formed, glowing rose-pink buds, opening to full, long-lasting blooms. Strong stems, and attractive leathery foliage. 75c.

LADY FORTEVIOT—Golden yellow and apricot, sweet scented; of similar form to Angele Fernet; foliage dark and glossy. An excellent variety. 75c.

LADY MANDEVILLE—Warm, rich yellow with a suffusion of amber. A strong grower and disease-resistant. The large, full, fragrant flowers hold their form well. Patented. \$1.50 each.

LOS ANGELES—A vigorous grower and continuous bloomer, producing long stemmed fragrant flowers of brilliant flame-pink shading to coral and gold at the base of the petals; buds long and pointed. 75c.

LUCIA ZULOAGA—Large semi-double blooms of brownish scarlet, also described as intensive lacquer red. It has a rich fragrance. 75c.

MANDALAY—A lovely exhibition garden rose. The long pointed buds unfold into large high centered blooms of clear gold which remains bright throughout the life of the flower. Here is an outstanding rose that will be the pride of your garden. Patented. \$2.00 each.

MARY MARGARET McBRIDE—This grand new rose has perfect form with large double blooms, high centered as they open from brilliant coral pink buds. Fully open, the exquisite blooms are suffused with shimmering gold at the base of the petals and as they age the color lightens to a lovely soft pink. Fragrant. Patented. \$1.50 each (3 or more for \$1.25 each)

McGREDY'S IVORY—The buds are long and pointed, opening to perfectly formed flowers of creamy white with light yellow at the base. A strong grower with excellent foliage and a prolific bloomer. 75c.

McGREDY'S SALMON—The delightfully fragrant flowers are a beautiful shade of apricot-pink. \$1.50 each (3 or more, \$1.25 each). Patented.

McGREDY'S SUNSET—As glorious as a summer sunset. The petals are a clear buttercup yellow, tipped orange on the outside, chrome-yellow flushed with scarlet on the inside. As the bloom expands the color is intensified, and is at its best when fully opened. Flowers are of medium size, full and shapely, and for a while the petals remain symmetrically curley like a camelia. Sun-resistant and excellent in hot weather. \$1.25 each (3 or more, \$1.05 each). Patented.

MME. BUTTERFLY—The finest rose of the Ophelia type. Bright light pink, shaded with gold. 75c.

MME. EDOUARD HERRIOT, the DAILY MAIL ROSE—The buds, which are long and pointed are coral-red shaded yellow at base; the open flowers of medium size and semi-double are a beautiful coral-red shaded with yellow and bright rosy scarlet. 75c.

MME. HENRI GUILLOT—A distinctive and sensational variety. Beautifully formed buds, reddish orange with undertone of gold, opening to rich, deep pink flowers of camelia-like form. Vigorous, symmetrical plants, and glossy like green foliage. \$1.25 each (3 or more, \$1.05 each). Patented.

MRS. ERSKINE PEMBROKE THOM—Deep canary-yellow. The buds are of good long shape and develop into good-sized full flowers. The plant is of exceptional vigor and blooms very freely. 75c.

MRS. PIERRE S. DUPONT—Fragrant flower of deep golden yellow; among the very best yellow roses. Fine bud, strong growing plant, and attractive disease-resistant foliage. 75c.



Duquesa de Penaranda



The Doctor

MRS. SAM MCGREDDY—Buds are large and long pointed; the open flowers are double, moderately fragrant and very lasting. The color is a wonderful combination of red, copper and orange, changing to warm pink with gold suffusion as the flower matures. 75c.

NEIGE PARFUM—Voted the most fragrant rose in our trial garden this season. A delightful perfume which lasts indefinitely after cutting. In early bud it is white changing to cream, then to lemon as the bud unfolds. Patented. \$1.50 each.

OPHELIA—Flowers salmon-flesh shaded with rose, large good shape, standing up well on stiff stems; fragrant and very free flowering. 75c.

PADRE—A most novel and attractive coloring, with fine long petals of coppery scarlet flushed with yellow at the base; semi-double. Erect strong bush. 75c.

PAN AMERICA—A leader among new roses for 1943. The long ovoid buds are orange red which unfold to a deep orange inside. These rich hues diffuse into beautiful tawny yellow with outside petals a dark shade of gold. Patented. Each \$1.50.

PEARL S. BUCK—Pointed, orange buds opening to a deep golden yellow, with a tinge of apricot. Delightfully fragrant. \$1.50 each (3 or more, \$1.25 each). Patented.

PICTURE—Medium sized, fragrant and perfectly formed flowers of velvety rose-pink with a salmon undertone. As the flower opens the center retains a bud-like form, while the outer petals reflex beautifully. 75c.

PINOCCHIO (Floribunda)—The gay salmon-pink blooms are in large clusters on bushy plants about 2 feet high and in such profusion that at times there is little foliage to be seen. It blooms continuously for a long season and is very effective when planted in groups of 3 or used as hedges or for borders. (\$1.25 each) (3 or more \$1.05 each).

PRESIDENT HOOVER—A charming combination of cerise-pink, flame, scarlet and yellow. The buds are pointed and the flowers large, composed of broad, heavy petals with an exquisite fragrance. 75c.

RAMON BACH—Vigorous-growing, healthy plants, producing immense apricot-buff blooms singly on straight wiry stems. Good for cutting. Fragrant. Patented. \$1.00 each.

RAPTURE—Pointed buds opening to large well shaped flowers of deep salmon with a bright golden suffusion. Strong grower and free bloomer. 75c.

ROSE D'OR—A charming deep yellow rose which holds its color until the petals are ready to fall. The buds are long, pointed with long neck and graceful sepals. Hardy, vigorous and disease-resistant. Patented. \$1.50 each.

ROSE MARIE—Long buds and well formed full flowers of a clear rose-pink which does not readily fade. Delightfully fragrant and extremely free flowering. Strong grower. 75c.

ROUGE MALLERIN—A magnificent bud of brilliant red, opening to a full double glowing scarlet. The plant is vigorous and upright, with bronze young foliage and strong stems. 75c.

SATURNIA—Brilliant cardinal-red, with the reverse of the petals salmon and copper. Distinctive and striking. \$1.00 each (3 or more, 85c each). Patented.

SIGNORA—A bright scarlet-orange with shadings of tangerine and cerise and a gold yellow base in brilliant contrast. Very attractive in bud or open bloom; has strong stem and keeps well when cut. \$1.00 each (3 or more, 85c each). Patented.

Illustrated on Front Cover

SONATA—A flamboyant red in Spring and Fall; in Summer the colors lighten to tones of deep pink. In lovely contrast the outside of the petals is several shades darker. The large flowers are perfectly shaped, opening gradually from long-pointed buds of cochineal-red. The foliage is abundant and a lovely dark green. Fragrant. (\$1.50 each) (3 or more \$1.25 each)

SOUTHPORT—Long pointed vivid scarlet buds opening to semi-double and holding its color well in the full bloom. The plant is strong, upright and blooms freely. It is an exceptional rose. 75c.

TALISMAN—A vividly colored rose, being a mixture of orange and yellow in irregular proportions, varying so much that no two flowers are alike. 75c.

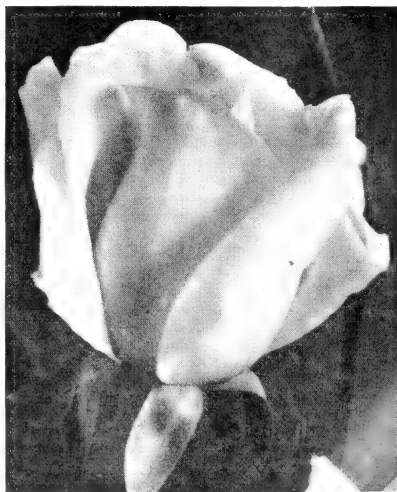
TEXAS CENTENNIAL—This very popular carmine-red rose is a sport of President Hoover. Has all the good qualities of Hoover, with better foliage. Large, full buds and blossoms, and fine in all sections. \$1.00 each. Patented.

THE DOCTOR—A magnificent new rose. The long buds open into enormous, intensely fragrant blooms of rich silvery pink. Of moderate growth; choose a situation apart from large plants. \$1.00.

VILLE DE PARIS—A clear sunflower-yellow rose which does not fade even in the hottest sunshine. A vigorous erect grower with glossy reddish green foliage. 75c.

WHITE BRIARCLIFF—The originator states that this is the only pure white Hybrid Tea Rose. Fine form and a good producer. \$1.25 each (3 or more, \$1.05 each). Patented.

WORLD'S FAIR—Outstanding Floribunda rose. The bushy plants are nearly hidden during the long flowering season, under clusters of large and fragrant velvety blooms of blackish scarlet. \$1.00 each (3 or more, 85c each). Patented.



Neige Parfum

CLIMBING ROSES

All the climbing roses we offer are extra strong
2-year-old field grown No. 1 grade.

BELLE OF PORTUGAL, CLIMBER—Large flowers of a delicate soft pink tinged with salmon. Because of its strong growth it does not bloom for a year or two, but thereafter produces a mass of bloom in May and June. 75c.

BLAZE, CLIMBER—A new everblooming scarlet-red climber, sometimes called the everblooming Paul's Scarlet. Flowers and growth same as Paul's Scarlet. The originators claim it to be a free continuous bloomer. \$1.00 each (3 or more, 85c each). Patented.

CECILE BRUNNER, CLIMBER—A very rampant grower. The small flowers are salmon-pink shading deeper toward the center and come in clusters; free bloomer. 75c.

DAINTY BESS, CLIMBER—This dainty, single amber-pink rose produces hundreds of blooms and continues blooming throughout the season. 75c.

DUCHESS OF ATHOLL, CLIMBER—A rich shade of golden bronze flushed orange. An outstanding variety. 75c.

ETOILE DE HOLLANDE, CLIMBER—The climbing form of this very popular rose. Large, brilliant red blooms. 75c.

FLASH, CLIMBER—The 1940 All-America Climber. A plant in full bloom is a most spectacular sight. The color is luminous orange-scarlet with the backs of the petals gleaming yellow, the center of the flowers filled with golden stamens. \$1.00 each (3 or more, 85c each). Patented.

GENERAL MacARTHUR, CLIMBER—Bright scarlet-red, large and full, fragrant. A vigorous and free flowering climber. 75c.

GOLDEN EMBLEM, CLIMBER—A rampant climber with enormous heavy canes, producing quantities of double golden flowers. 75c.

HADLEY, CLIMBER—A vigorous climber with deep crimson, fragrant blossoms which are produced all through the summer. 75c.

HOOSIER BEAUTY, CLIMBER—Of strong vigorous habit, bearing beautiful long buds of an intense rich, dazzling crimson-scarlet. 75c.

INDIAN SUMMER—Wonderful shades of copper, old rose, pink, and old gold. Well formed buds open to crinkled and ruffled flowers. A long season bloomer. Fragrant. \$1.25 each (3 or more \$1.05 each). Patented.

KITTY KININMONTH, CLIMBER—This distinguished rose provides a remarkable array of semi-double, cupped blooms which are a brilliant fadeless pink. 75c.

LADY FORTEVIOT, CLIMBER—Golden yellow and apricot; attractive foliage. 75c.

MERMAID, CLIMBER—Beautiful single flowers of great size; pure ivory white with a lemon center; fragrant. The foliage is a deep shiny green; disease resistant. A very vigorous grower and profuse bloomer. 75c.

MME. BUTTERFLY, CLIMBER—Bright pink. 75c.

MRS. E. P. THOM, CLIMBER—A vigorous climber with medium sized deep canary-yellow flowers. 75c.

MRS. PAUL J. HOWARD—The long pointed buds open to a large full double flower of fine rich crimson. Fragrant. \$1.25 each (3 or more \$1.05 each). Patented.

MRS. SAM McGREDDY, CLIMBER—Long pointed buds opening into double, long lasting flowers. The color is a wonderful combination of red, copper, and orange, changing to warm pink with gold suffusion. \$1.00 each (3 or more, 85c each). Patented.

OPHELIA, CLIMBER—A vigorous climbing form of the grand Ophelia rose which is so popular. 75c.

PAUL'S SCARLET CLIMBER (Improved). The flowers are a vivid scarlet, of good size and semi-double, very freely produced in clusters on much branched canes. It is of strong climbing habit and perfectly hardy. 75c.

PRESIDENT HOOVER, CLIMBER—A rampant climbing form of the popular bush rose. Identical in color and form of bloom. 75c.

REVEIL DIJONNAIS, CLIMBER—A spectacular climbing rose. A golden yellow bud striped with red, opening to a large semi-double flower of bright red with golden yellow center. Usually blooms in clusters of three. Glossy bronze-green foliage. 75c.

TALISMAN, CLIMBER—Flowers are the same wonderful color and lovely form as the bush variety; a very free bloomer. 75c.

YELLOW CECILE BRUNNER, CLIMBER—Golden yellow with orange center; double and fragrant. 75c.

SINGLE BUSH ROSES

DAINTY BESS—Medium sized single flowers borne in clusters of three. Delicate pink in color with a contrasting center of wine-red stamens. A strong tall grower and profuse bloomer. 75c.

ISOBEL—A single rose with exquisitely pointed buds and flowers with huge petal flushed with carmine-red and orange, becoming pink with age; fragrant. Very vigorous and floriferous. 75c.

IRISH FIREFLAME—A large single rose; buds are a rich deep orange, flushed with crimson opening to an old gold color. Strong growth and profuse bloom. 75c.

MOSS ROSES

Moss roses bear a crown of lacy moss upon the stems and sepal and are exquisitely lovely in bud. The bushes are large and vigorous but should be left unpruned for best results. They look best in back of other roses or shrubbery.

Pink and Red—75c each.

ROSA ROULETTI (Pot Rose). Said to be the smallest rose grower. The tiny rose-pink buds are perfect in form and the plants are little gems in pots. 75c.



Hinrich Gaede

HALLAWELL'S LAWN GRASSES

The Better the Seed the Better the Lawn

Your lawn will be as good as the seed you sow. Give your new lawn a good start with Hallawell's high quality grass seeds. If contracting, specify Hallawell's seeds.

Lawn Hints—Spade deeply, adding a good humus material, sheep manure or other organic fertilizers which contain no weed seeds. Rake to the desired grade and water thoroughly to settle the soil evenly. If this preparation is made two weeks in advance of sowing, the surface weed seeds will have germinated and may be removed. Now rake for the final grade and broadcast the seed at the rate of one pound to 150 square feet, except where other quantities are suggested.

To prevent the surface drying and crusting cover the seed lightly with a mixture of soil and moistened peat moss. Sprinkle carefully, using a fine spray to prevent washing. Water thoroughly, but avoid applying too much in one place to form puddles, which may float the seed and mulch into low spots.

All of our grass seeds are the best grade. Please write for prices on larger quantities and quotations will be made promptly on the basis of the current market. Prices fluctuate and quotations are not guaranteed.

WE PAY POSTAGE anywhere within U. S. on items of grass seeds priced at 50c per pound or more.

HALLAWELL'S EVERGREEN LAWN MIXTURE. A blend of several deep green, fine bladed grasses, producing a good thick turf and remaining green both winter and summer. It thrives in heavy or black soils. (Lb. 85c) (5 lbs. \$3.75)

HALLAWELL'S LAWN CARPET MIXTURE. This is predominantly a mixture of bent grasses, for those desiring a carpet-like lawn of fine texture and rich color. The best varieties of bent grass have been combined with other fine leaved varieties, in the proper proportion to give maximum serviceability and uniform attractiveness through the year. Sow one pound to 250 sq. ft. (Lb. \$1.00) (5 lbs. \$4.75)

HALLAWELL'S PARK LAWN MIXTURE. A formula mixture of hardy, fine bladed grasses. It provides an excellent turf which will withstand hard usage. Sow one pound to 100 square feet. (Lb. 60c) (5 lbs. \$2.75)

CHEWING'S FESCUE. Produces a dense, lasting turf, succeeding even under adverse conditions. Hallawell's thoroughly re-cleaned seed. (Lb. \$1.50)

KENTUCKY BLUE GRASS—Hallawell's Select Grade. (Lb. 75c) (5 lbs. \$3.50) (10 lbs. \$6.50)

KENTUCKY BLUE GRASS—Standard grade, re-cleaned. (Lb. 60c) (5 lbs. \$2.75) (10 lbs. \$5.00)

HALLAWELL'S SHADY NOOK MIXTURE.—Genuine fine-bladed shade grasses in a blend suitable for growing in shaded corners and under trees. A Hallawell-formula-mixture. Sow 1 pound to 150 square feet. (Lb. \$1.50) (5 lbs. \$7.00)

WHITE CLOVER—Highest quality re-cleaned seed. Sow one pound to 300 square feet. (Lb. \$1.75)

HIGHLAND BENT. A hardy, fine-leaved bent with upright habit of growth. It creeps by strong underground rootstocks, succeeds in moist to medium dry acid soils, and when established, produces a fine turf of beautiful light green color. Reports from interior valley sections indicate that it withstands the dry summer heat, and produces a good serviceable lawn. Sow one pound of seed to 500 square feet. (Lb. \$2.00) 5 lbs. \$9.50)

SEASIDE BENT (Coos County Bent). A true creeping bent which roots at each joint where it contacts the soil, producing a thick, smooth, and enduring turf. Once established, the growth is upright, of fine texture, and a beautiful rich green. Seaside Bent succeeds for golf course and lawn under varied soil and climatic conditions. Sow one pound to 500 square feet. Certified seed. (Lb. \$1.50) (5 lbs. \$7.00)

ASTORIA BENT. Spreads from underground rootstalks, and produces a splendid rich green turf of upright growth and fine texture. Sow one pound to 500 square feet. Certified seed. (Lb. \$1.50) (5 lbs. \$7.00)

RED TOP GRASS. Gives a quick effect and succeeds on all soils, though doing best on moist soils. Should be in all lawn mixtures. (Lb. 50c) (5 lbs. \$2.25)

TREE AND SHRUB SEEDS

Each of the following (Pkt. 25c)

ACACIA Baileyana—Flowering tree.
 " Latifolia—Windbreak.
 " Melanoxylon—Street tree.
 " Verticillata—Flowering shrub.
 ARALIA Sieboldii—Available February to May.
 CALIFORNIA HOLLY (Photinia arbutifolia).
 CEANOTHUS Cyaneus—California Wild Lilac.
 CEDRUS Deodora—Himalayan Cedar.
 CHAMELAIUM PARSIFLORUM—Lawsoniana.
 COPROSMA Baueri—Mirror plant.
 COTONEASTER Francheti.
 " Pannosa.
 " Parnayi.
 CUPRESSUS Macrocarpa (Monterey Cypress).
 EUCALYPTUS Flicifolia—Shades of red.
 " Globulus—(Blue Gum).
 FRAXINUS Velutina (Ash).
 FREMONTIA Mexicana.
 GREVILLEA Robusta (Silk Oak).
 HARDENBERGIA Ocata Blue—Vine.
 LEPTOSPERMUM Laevigatum—Tea shrub.

LIGUSTRUM Japonicum—Privet.
 NANDINA Domestica—Handsome shrub.
 PINUS Insignis (Monterey Pine).
 PITOSPORUM Crassifolium.
 " Eugenoides.
 " Nigricans.
 " Tobira.
 " Undulatum.
 PLUMBAGO Capensis—Trailing shrub.
 PYRACANTHA Formosa.
 " Yunnanensis.
 SCHINUS Molle—California Pepper Tree.
 SEQUOIA Sempervirens—Redwood.
 " Gigantea—Giant Redwood.
 SOLLYA Heterophylla—Australian Bluebell Creeper.
 SPARTIUM Junceum (Spanish Broom).
 " Scoparium (Scotch Broom).
 THUYA Orientalis Aurea.

HALLAWELL'S SPRING BULBS

Orders amounting to \$2.50 or more will be prepaid within the 4th zone. On orders for less than \$2.00 please send 25c to cover cost of packing and postage.



Begonia, Camellia Flowered

BEGONIA TUBERS

For pot culture or for out-door bedding. Hallawell's usual high quality Begonias will produce gratifying results. Cultural leaflet sent with each order of tubers. Send 25c for postage and packing on orders under \$2.00.

Prices, Large Tubers:
(50 at the 100 rate)

- SINGLE MIXED.** A fine assortment of colors.
SINGLE FRILLED. Red, Orange, Rose Pink, Pink, Salmon, White, Yellow.
DOUBLE CAMELLIA TYPE. Apricot, Red, Salmon, Rose Pink, Pink, Orange, White, Yellow.
CRESTED OR BEARDED. Fine selection of assorted colors.
TRAILING DOUBLE BEGONIAS. Apricot, Scarlet, Orange, Rose Pink, White, Yellow.
CARNATION FLOWERED. Assorted colors.

Multiflora Begonias

MULTIFLORA. For a colorful display in that shaded garden nook, plant these multifloras. They are dwarf, bushy, bearing masses of double flowers about 1½ to 3 inches in diameter, and blooming throughout the summer season.
(35c each) (\$3.00 per 12) (\$21.00 per 100)

GLOXINIA

Beautiful pot plants for greenhouse culture. The magnificent tube-shaped flowers measure 3 to 4 inches across.

- (35c each) (\$3.00 per 12) (\$21.00 per 100)
BLACK PRINCE. Intense midnight blue; giant flowers with undulated edges.
BRILLIANT. Pigeon-blood red; floriferous. Light green foliage; compact.
BRUNHILDE. Large pure white flowers.
DELICATE PINK. With white throat. Reverse of foliage is rose colored.
IMPROVED RED. Rich crimson.
SKY BLUE. Light blue; the finest of all gloxinias.

CALADIUM

FANCY LEAVED VARIETIES

Suitable for pot culture for living room, sun porch, or conservatory decoration, also window boxes where protected from wind and strong sunlight.

Start in sand early and plant into pots before the leaves unfold.

Each of the following:
(35c each) (\$3.50 per 12) (\$25.00 per 100)

- CANDIDUM.** Snow white leaf with green veins.
MARIE MOIR. White leaf, green ribs and blood-red spots.
J. D. EISELE. Green border, scarlet center, green blotched.
JOHN HACHMEISTER. Deep rose leaf. Very fine.
FANNIE S. MUNSON. Transparent rose pink, lilac cast.
DR. T. L. MEAD. Deepest red, brown with black cast. New.

CANNA

CANNA, LARGE FLOWERING—Cannas succeed in a sunny position. Set the roots 1 foot apart and cover the crowns with 3 inches of soil. Planting time is from January to April.

Each, 25c; 3 for 60c

- AUSTRIA.** 4 ft. Yellow, green foliage.
BALTIMORE. 3 ft. Large trusses of dark pink flowers; green foliage.
CALIENTE. 5 ft. Bright scarlet; bronze foliage.
COPPER GIANT. 5 ft. Copper rose; green foliage.
EUREKA. 4 ft. Large white trusses; green foliage.
GOLDEN WEDDING. 4 ft. Bright canary yellow; green foliage.
INDIANA. 6 ft. Vivid orange flowers; green foliage.
LOUIS CAYEUX. 4 ft. Bright scarlet-rose; green foliage.
THE PRESIDENT. 4½ ft. Immense flaming scarlet; rich green foliage.
ROSE GLORY. 4½ ft. Salmon-rose; green foliage.
UNCLE SAM. 6 ft. Vivid crimson; green foliage.
WABASH. 5 ft. Pink flower, bronze foliage.
WYOMING. 6 ft. Large trusses of deep orange flowers; bronze foliage.

TIGRIDIA — TIGER FLOWER

(March delivery)

Plant 4 to 6 inches deep in warm soil. Water plentifully after sprouts appear above surface and during growing season.

Large bulbs, separate colors:
(25c each) (\$2.00 per 12) (\$15.00 per 100)

- BUCCANEER.** Scarlet petals, orange cup, maroon spots.
CANARY QUEEN. Yellow petals, white cup, faint spots.
GYPSEY MAID. Chrome yellow petals, maroon spotted cup.
ROSE KING. Rose petals, white cup, wine red spots.
SUNSET GLOW. Orange, streaked scarlet, deep red spots.
VAGABOND PRINCE. Pure white, large cup with maroon spots.
MIXED COLORS: (20c each) (\$1.75 per 12) (\$12.00 per 100)

HALLAWELL'S GLADIOLUS

Finest Quality Bulbs Grown to Produce the Finest Quality Flowers. Exhibition Size.

Orders amounting to \$2.00 or more will be prepaid within the 4th zone. On orders for less than \$2.00 please send 25c to cover cost of packing and postage.

Six of a kind at the dozen rate; 50 at the hundred rate; 250 at the thousand rate.

Set the bulbs about 5 inches deep and 7 or 8 inches apart in well enriched soil. Irrigate thoroughly once a week and follow with surface cultivation. When tops have yellowed dig the bulbs, cure and store in a dry place. Plant December to April.

ALBATROSS. A most desirable white. Tall, graceful spikes of large well-placed pure white flowers.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

AVE MARIA. Perfectly formed, exquisite light blue flowers.

(50c per 12) (\$4.00 per 100) (\$30.00 per 1000)

BAGDAD. A charming gladiolus of smoky old-rose. The throat is lighter and color deepens toward the edge of petals.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

BEACON. Bright salmon-red with cream throat. Grows very tall bearing huge spikes. Be sure to stake.

(50c per 12) (\$4.00 per 100) (\$32.50 per 1000)

BETTY NUTHALL. Glowing orange-pink with light yellow throat. Strong grower, good spike and perfect placement.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

CORYPHEE. A delightful color of soft pink with white throat. Charming in baskets and flower arrangements.

(50c per 12) (\$4.00 per 100) (\$32.50 per 1000)

COMMANDER KOEHL. Rich, deep-scarlet red with no markings or blotches. Wide open flowers on tall spikes.

(50c per 12) (\$4.00 per 100) (\$35.00 per 1000)

GATE OF HEAVEN. A new ruffled variety with large, bold flowers of a rich yellow shade.

(50c per 12) (\$4.00 per 100) (\$35.00 per 1000)

J. S. BACH. Salmon, shading lighter in the throat. Many florets open at one time, finely arranged on the spike.

(50c per 12) (\$4.00 per 100) (\$32.50 per 1000)

KING ARTHUR. Large ruffled florets of bright rosy lavender.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

MARGARET BEATON. An exquisite pure white, with small scarlet blotch.

(\$1.50 per 12) (\$10.00 per 100) (\$80.00 per 1000)

MINUET. Fine clear lavender. Splendid cut flower variety.

(50c per 12) (\$3.50 per 100) (\$30.00 per 1000)

MOTHER MACHREE. Lavender-gray with edges of petals overlaid salmon pink. An interesting color combination.

(50c per 12) (\$4.00 per 100) (\$32.50 per 1000)

MOORISH KING. The finest and largest flowered of the deep mahogany-red gladiolus.

(75c per 12) (\$5.00 per 100) (\$45.00 per 1000)

MRS. LEON DOUGLAS. Luminous, coral-rose, marked with stripes of vivid scarlet. A very fine gladiolus.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

PELEGRINA. Dark violet-blue, blotched slightly darker on two lower petals. One of the finest dark-blue shades.

(50c per 12) (\$4.00 per 100) (\$30.00 per 1000)

PICADRY. Glowing, shrimp or flesh-pink, without any markings. A very beautiful gladiolus.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

RANGITATA. Large florets of light coral-scarlet with deep blotches, closely arranged on a fine bold spike. Many flowers open at a time. A splendid and vigorous variety.

(50c per 12) (\$4.00 per 100) (\$30.00 per 1000)

ROYAL GOLD. Magnificent clear yellow.

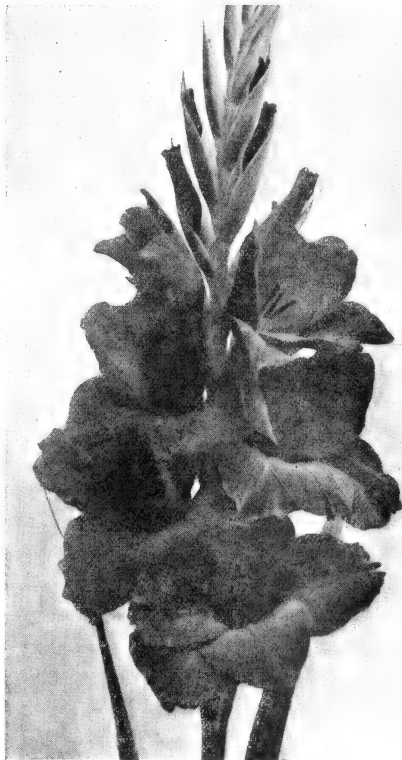
(\$1.00 per 12) (\$7.50 per 100) (\$60.00 per 1000)

SNOW PRINCESS. A new white that seems to have all the finest qualities.

(75c per 12) (\$5.00 per 100) (\$40.00 per 1000)

TROUBADOUR. An outstanding purple gladiolus which was featured at the recent Chicago Exposition.

(50c per 12) (\$4.00 per 100) (\$32.50 per 1000)



Moorish King

VAGABOND PRINCE. An unusual bronze red with orange blotch.

(50c per 12) (\$4.00 per 100) (\$30.00 per 1000)

WASAGA. Wide open, waved flowers of rich, golden-buff color. Beautiful in artistic flower arrangements.

(50c per 12) (\$3.50 per 100) (\$25.00 per 1000)

RAINBOW MIXTURE. A fine mixture of large flowering Gladiolus in a good variety of colors.

(40c per 12) (\$2.50 per 100) (\$20.00 per 1000)

HALLAWELL'S SELECT MIXTURE. A mixture of the best named sorts in a great variety of colors.

(50c per 12) (\$4.00 per 100) (\$30.00 per 1000)

COMPLETE GLADIOLUS COLLECTION

NO. B-203

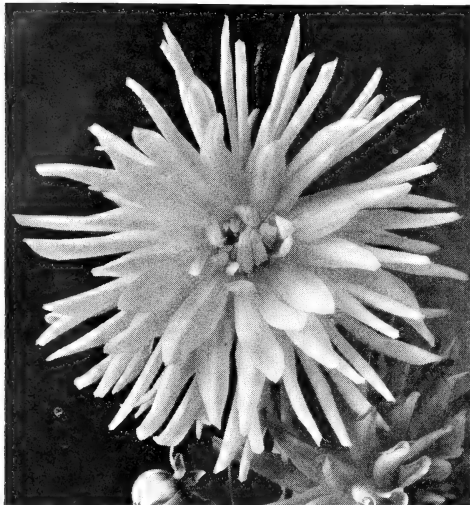
Two bulbs each of the above 23 named Gladiolus, each variety labeled separately.

(Total of 46 bulbs for \$2.50)

(2 Collections, \$4.85)

CULTURE OF DAHLIAS

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 1/4 to 3 feet apart to 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 begins to bud. Dahlias may be planted from March to July, preferably in May.



Cactus Dahlia



Decorative Dahlia

HALLAWELL'S DAHLIAS

Orders for Dahlias amounting to \$2.00 and over are prepaid within the 4th zone. Add 25c to cover postage and handling charges on orders for Dahlias for less than \$2.00.

Large Flowered Dahlias

(C.) denotes Cactus type; (S. C.) Semi-Cactus; (D.) Decorative; (S.) Show.

- A. D. LIVONI (S.)—Clear rich pink flowers carried on fine stems; a favorite in its class. 50c each.
- AL KORAN (D.)—Bright yellow deepening to amber. Large flowers on tall strong stems. 50c each.
- AMUN RA (D.)—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. 50c each.
- ARCTURUS (D.)—Large scarlet-red with deep yellow suffusion and yellow reverse. 50c each.
- BIG BEN (S.)—Rich raspberry red. One of the largest and best show dahlias. 50c each.
- CALIFORNIA IDOL (D.)—Immense deep flowers of clear glistening pastel yellow; early flowering. Stems are long and erect. A consistent prize winner. \$1.00.
- CAMPFIRE GLOW (C.)—Bright crimson, large flowers on strong stems. 50c each.
- FOREST FIRE (D.)—Brilliant flame with gold shadings; very striking. \$1.00 each.
- FRANK SERPA (D.)—Large pale pink flowers, shaded wine-rose at petal tips. An excellent cut flower. 75c each.
- IMPROVED CLOWN (D.)—Creamy yellow ground, splashed and striped crimson. 50c each.
- INDIAN SUMMER (D.)—Soft salmon, suffused gold and with a silvery sheen. 75c each.
- JANE COWL (D.)—Glistening bronzy buff and old gold. Very large flowers held erect on long stems. 75c each.
- JEAN CHAZOT (C.)—Golden bronze suffused Nasturtium-red. 50c each.
- JOSEPHINE G. (S.C.)—Rose-pink, with some of the petals tipped with gold. Excellent cut flower. 50c each.
- KING MIDAS (D.)—Large exhibition type; pure golden yellow flowers on erect stems. 50c each.
- MARIAN BROOMALL (S.C.)—Very large lavender pink with pure white center. 75c each.
- MISSION BELLE (D.)—Immense blooms of old rose and pale lavender. Long erect stems. 50c each.
- MONMOUTH CHAMPION (D.)—Brilliant orange-scarlet flowers of very large size on strong stems. 50c each.
- MRS. GEO. LE BOUTILLIER (D.)—Immense rich velvety carmine blooms on strong stems. 85c each.
- ROGUE BOUQUET (C.)—Blended shades of orange-red with tints of purple. \$1.00 each.
- SATAN (C.)—Flame red with a touch of gold at the center. A very beautiful and popular dahlia. 75c each.
- SALBACH'S WHITE (D.)—Pure white with fine strong stems. 50c each.
- WHITE KNIGHT (D.)—Large exhibition size blooms of purest snow white; free flowering. \$1.00 each.
- TREASURE ISLAND (D.)—Bright apricot with gold and rose suffusion; good stem. 50c each.
- WAVE CREST (S.C.)—Giant blooms with sulphur yellow base, suffused and picoteed with pink. \$1.00 each.

DAHLIAS

Pompon Dahlias

35c each; 6 for \$1.90; \$3.50 per dozen.

- AIMEE—Small bronze flowers on long, erect stems.
 ALL BRIGHT—Deep gold, heavily lipped and toned red. Fine cut flower.
 AMBER QUEEN—Amber, suffused with apricot.
 ATOM—Small orange flowers; good stems.
 BANTAM—Beautiful red. Small, and perfect form.
 CORA MAY—Salmon pink; cream and yellow shadings.
 DEE DEE—Small lilac-lavender, good stems.
 EDITH MUELLER—Beautiful rose-red with rich yellow blending.
 GOLD DROP—Pure gold, long erect stems.
 HELEN ANITA—Lavender pink with white center.
 HONEY—Pale yellow, suffused red on the edge.
 JOE FETTE—The outstanding pure white pompon.
 LITTLE DAVID—Small, perfect blooms of deep orange.
 MARY MUNNS—Dark orchid; fine cut flower.
 MIKE—Small, perfect flowers of scarlet orange.
 PEGGY ANN—Yellow, shaded red at tips.
 ROSA WILMOUTH—Free flowering rose pink on fine stems.
 SILVER TIPS—Small purple, center and reverse silver gray.
 TIP TOP—Bright red.
 YELLOW GEM—Pure yellow. Small perfect flowers.

Dahlia Collections

COLLECTION D-13

One tuber each of:

AL KORAN, CAMPFIRE GLOW, JANE COWL, JOSEPHINE G, MISSION BELLE.

Order by number.

Collection D-13, Five tubers, value \$2.75, for \$2.45

COLLECTION D-23

One tuber each of:

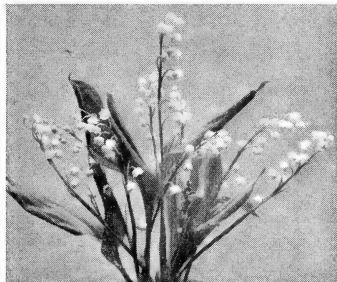
ARCTURUS, FOREST FIRE, FRANK SERPA, IMPROVED CLOWN, WHITE KNIGHT.

Order by number.

Collection D-23, Five tubers, value \$3.75 for \$3.45
 Both Collections, value \$6.50 for \$5.75

Tree Dahlia

DAHLIA IMPERIALIS—A beautiful flowering plant growing 10 to 18 feet high, and covered in the fall with nodding single flowers of a lavender-pink color. Should be left undisturbed in the ground. Strong roots; \$1.00 each. (April delivery.)



Lily of the Valley

PHLOX, HARDY—Summer Perennial Phlox

Hardy Phlox thrive in soil which has been deeply enriched. They require plenty of water during the summer months, and in hot climates should have some shade.

The following:

(30c each) (3 for 75c) (\$2.50 for 12) (\$17.50 per 100)

BRIDESMAID. Pure white with crimson eye; distinctive. Medium height.

ECLAIRFEUR. Deep wine red with lighter eye. Early and vigorous. Tall.

MRS. JENKINS. Fine trusses of pure white flowers; late. Tall.

GEN. VON DIEDEM. Rich dark salmon—scarlet. RIJNSTROOM. Heavy trusses of lively rose-pink; strong grower. Medium.

WANADIS. A delicate shade of lilac, the center of the florets having a bluish purple eye. Medium height.

The following:

(35c each) (3 for 90c) (\$3.00 for 12)

CAROLINE VANDENBURG. The most beautiful of the lavender shades. A true lavender-blue with no magenta.

LEUCHTFEUER. Deep salmon with orange glow. Immense heads of unusually large florets. Dwarf.

ROSEA SUPERBA. Large heads of lilac-pink. Very hardy.

SUNRISE. Sparkling rosy-red. Large truss.

LILIUM — LILY

Lilies are benefited by shade about the roots and stems, but do not do well with shade about their heads, so should be planted among fairly dwarf growing shrubs, ferns or herbaceous plants to give the mature stem the protection it craves from the too great heat of the sun and to keep the ground around the bulb more or less cool. The soil for lilies should be fibrous and rooty, some leaf mold or peat added, and deeply dug. Sharp sand placed around the bulb insures good drainage. Charcoal and sulphur sprinkled about in planting tend to ward off attacks of worms and blue mold.

Plant 1 foot apart and at depths specified below. Water only lightly until they are well rooted, but liberally when about to bloom; keep free from aphid or green fly at all times.

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. Plant 9 inches deep. Northern domestic-grown bulbs. Large size:

(30c each) (\$3.00 per 12) (\$21.00 per 100)

PARDALINUM (Leopard Lily). Large numbers of flowers having reflexed petals; bright orange, spotted maroon, tipped orange-scarlet. An easily grown hardy lily, thriving in the shade or cool and moist sunny situation. Height 5 to 7 feet; July flowering; plant 4 inches deep.

(20c each) (\$2.00 per 12) (\$15.00 per 100)

REGALE. A magnificent hardy lily from China; vigorous; 3 to 5 feet high, bearing one to several handsome white, fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It seems to thrive in any good, well-drained soil and prefers full sun. Plant 9 inches deep. Northern domestic-grown bulbs.

(20c each) (\$1.50 per 12) (\$11.00 per 100)

Extra large: (25c each) (\$2.50 per 12) (\$17.50 per 100)

TIGRINUM GIGANTEUM (Improved Tiger Lily). A very hardy and free flowering sort; the blossoms are a bright orange color, spotted black. Plant 9 inches deep. (25c each) (\$2.50 per 12) (\$17.50 per 100)

LILY OF THE VALLEY

For outdoor culture they require a loose, rich soil and a moist, shady position. Set so that the tips are slightly above ground and at a distance of three or more inches apart. Send 25c for postage and packing on orders under \$2.00.

Clumps for outdoor growing:

(75c each) (\$8.25 per 12) (\$60.00 per 100)

Deciduous Trees and Flowering Shrubs

ORDER BEFORE FEBRUARY 15TH

Bare root stock is available until February 15th. After that date stock is available in containers, too heavy for economical shipping, however. Also there is an additional charge of 25c for stock in containers, and a packing charge on shipping orders. To avoid these extra charges, place your orders to be shipped before February 15th.

Mail Orders—Prices on all plants are f.o.b. San Francisco and shipment will be made by express at buyer's expense.

Orders for \$2.00 or more are packed free.

Orders under \$2.00, please send 25c additional to partially cover cost of packing.

ALMOND, FLOWERING (*Prunus communis*). A beautiful flowering shrub bearing very double flowers in profusion.

DWARF DOUBLE PINK—Bare roots, 3 to 4 feet, \$1.25 each.

DWARF DOUBLE WHITE—Bare roots, 3 to 4 feet, \$1.25 each.

AZALEA (*Rhododendron*)

ALTA CLARENSE. 4 ft. Shrub of med'um size, preferring partial shade. Flowers are bright orange-yellow, brilliantly colored in the fall. Balled, \$2.50 each and up.

MOLLIS. 4 ft. In early spring just before the leaves unfold, the flowers appear in great profusion in shades of orange, apricot or yellow. Mixed colors only. Balled, \$2.50 each and up.

BARBERRY (*Berberis thunbergii atropurpurea*). 5 feet. The Red-leaved Japanese Barberry. Graceful, low and dense shrub, bearing yellow flowers followed by brilliant scarlet berries. Often used for hedges. \$1.25 each.

BIRCH (*Betula*)

EUROPEAN WHITE. 30 ft. Graceful avenue or shade tree; silvery bark and slender branches. Extra branched, \$2.00 each; 6 to 8 feet, \$1.50 each.

CUT-LEAF WEEPING. 20 ft. Slender drooping branches, and delicately cut foliage. Bare roots, 4 to 6 feet, \$1.50 each.

CHERRY, FLOWERING

KWANZAN. 15 ft. Double deep pink, very large. Bare roots, 5 to 6 feet, well branched, \$2.00 each.

MOUNT FUJI. 15 ft. Double white. Bare roots, 5 to 6 feet, well branched, \$2.00 each.

NADEN. 15 ft. Double, tender pink. Bare roots, 5 to 6 feet, well branched, \$2.00 each.

CORAL BERRY (*Symphoricarpos chenaultii*). Also known as Indian Currant and Red Fruited Snowberry. Low growing shrub with slender arching branches, loaded with dark red berries during fall and winter. Bare roots 18 to 24 inches, 75c each.

CRA P APPLE, FLOWERING (Pyrus)

BECHTEL'S (*P. ioensis* var.) 8 to 12 ft. For the lawn or for planting with low-growing shrubs; covered in early spring with large, beautiful double, fragrant flowers. Delicate pink. Bare roots, 3 to 4 ft. \$1.25 each.

ARNOLDIANA (*P. floribunda* var.)—Commonly called Showy Crab-Apple. Flowers single, carmine in bud, pale flesh when open. Vigorous grower and free bloomer, 4 to 5 feet, \$1.25 each.

HALLIANA (Hall's Flowering Crab). Long willow branches bearing a profusion of single or double pink flowers. Bare roots, 5 to 6 feet, \$1.25 each.

NIEDZWEZTKYANA (Redvein Crab)—A Siberian species remarkable for the red color of flowers, branches, leaves and fruit. A free and early bloomer. Bare roots, 5 to 6 feet, \$1.25 each.



Philadelphus

CORNUS (Dogwood)

FLORIDA. 10 ft. shrub or small tree; handsome foliage and large single white flowers. Sun or partial shade. Size 2 to 3 feet, \$1.25 each.

FLORIDA RUBRA (Pink Flowering Dogwood). Pink flowers 4 inches across; prefers semi-shade. Bare roots, \$2.50.

CRAINBERRY BUSH (*Viburnum opulus*). 8 feet. White flowers in the spring followed by scarlet berries which remain until the following spring. 2 to 3 feet, \$1.00 each.

CRAPE MYRTLE—*Lagerstroemia indica*

PINK (*L. indica rosea*). 10-15 ft. Bright green leaves, and a profusion of flowers with crimped petals during the summer. Gal. cans, 18 to 24 inches, 75c each.

RED—Red flowering form of above. Gal. containers, 18 to 24 inches, 75c each.

CURRENT, FLOWERING (*Ribes sanguineum*)—A large native shrub of upright habit, growing about 6 feet high with many red-barked twigs. Blossoms deep pink in long drooping racemes in early spring, followed by large glaucous blue berries. Gal. cans, \$1.00 each.

ERYTHRINA crista-galli (Coral Tree). 10 feet. Large crimson flowers borne in the summer, on loose racemes 1 to 2 feet long. Gal. cans, \$1.00 each.

FORSYTHIA suspensa (Golden Bells). 8 ft. Golden yellow flowers are borne along the slender drooping branches, in the early spring. 3 to 4 feet, \$1.00 each.

HAWTHORN (*Crataegus*)

For lawns and grouping. Small flowers in clusters followed by red berries in the autumn.

OXYCANTHA SPLENDENS (Paul's Scarlet Hawthorn)—A small, erect tree of rapid growth. Flowers are scarlet and double, followed by red berries. Heavy stock, 6 to 8 feet, \$2.25 each.

DOUBLE PINK. Branched, 6 to 8 feet, \$2.25 each.

CORDATA (Washington Thorn)—One of our handsomest small trees. Leaves deep glossy green until late fall, when they assume beautiful red and yellow tints. Flowers are white, followed by clusters of small, glossy red berries. Bare roots, 5 to 6 feet, \$2.00 each.

KOLKWITZIA amabilis (Beauty Bush). An exceedingly handsome, ornamental shrub resembling the Weigela. Height 6 feet at maturity, long arching branches covered with pale pink flowers in June. Bare roots, 2 to 3 feet, \$1.25 each.

LABURNUM VOSSI (Golden Chain)
Golden yellow flowers hang in long clusters like a wisteria. Strong plants 4 to 5 ft., \$2.25 each.

LEMON VERBENA (*Lippia citriodora*). Narrow pointed leaves, fragrant when bruised. Grows 8 to 12 feet high. Gal. cans, 75c each.

LILACS (*Syringa*)
California grown for western gardens. The following varieties are \$1.75 each.

- CHARLES SARGENT—Double, Mauve and blue.
- CONDORCET—Double, blue.
- KATHERINE HAVEMEYER—Large, double blue, flushed mauve.
- MME. LEMOINE—Double, pure white.
- PRES. GREVY—A very fine double blue.
- PRES. FALLIERES—Double. Lavender pink.
- VOLCAN—Single. Deep purple. Blooms late.
- WM. ROBINSON—Purplish red.
- DOUBLE WHITE

LIQUIDAMBAR styraciflua (Sweet Gum). A large pyramidal tree of slow growth; endures salt air, and is suitable for avenue planting. The maple-like leaves are glossy green, turning to brilliant hues in the Fall. 75c each. Larger, \$1.00 each.

LIRIODENDRON (Tulip Tree). A splend'd hardy tree resembling an erect growing Plane in habit. It has very ornamental foliage, light green in color and conspicuous yellow flowers, \$2.00 each.

MAGNOLIA soulangeana (Saucer Magnolia). In the Bay Area this lovely tree blooms in March before the foliage appears. The flowers are stunning both in form and color. The pointed petals about 6 or 7 inches long are purple, pink-lavender outside, the inside, pale lavender to white. Balled plants, \$4.50 to \$7.50 each.

MAGNOLIA stellata (Star Magnolia). This beautiful deciduous magnolia grows to a small spreading tree. About March or April it bears great numbers of fragrant white flowers 2½ to 3 inches in diameter. \$5.00 each.

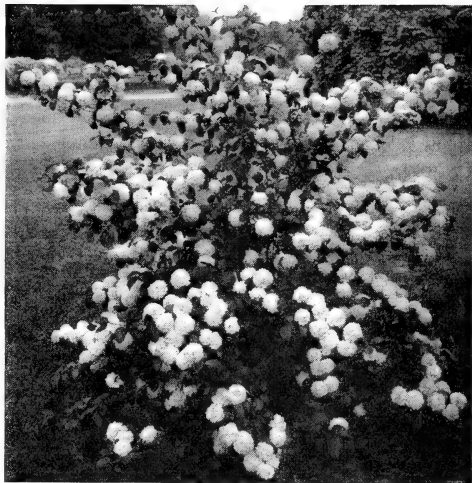
MOUNTAIN ASH, EUROPEAN (*Sorbus aucuparia*). 25 ft. The Rowan Tree. Creamy white flowers followed in August to November with clusters of red berries. Bare roots, 6 to 8 feet, \$2.00 each.

PEACH, FLOWERING
The branches are covered with a mass of beautiful flowers long before leaves appear.

- DOUBLE RED—Bare roots, 5 to 6 feet, \$1.00 each.
- DOUBLE WHITE—Bare roots, 5 to 6 feet, \$1.00 each.
- DOUBLE PINK—Bare roots, 5 to 6 feet, \$1.00 each.
- DOUBLE RED, DWARF—Bare roots, 6 to 9 inches, \$1.00 each. Larger \$1.50.

PHILADELPHUS (Mock Orange)
VIRGINAL. 6 ft. An improved form with sprays of large snow-white flowers of exceptional fragrance. Sun or light shade. 2 to 3 feet, \$1.00 each.

PLUM (*Prunus*)
BLIREANA. Handsome ornamental plum with semi-double flowers of soft pink borne on long slender branches. Foliage is heavily tinged with bronze. Bare roots, 4 to 6 feet, \$1.25 each.
PISSARDI (Purple Leaf Plum). A profusion of small pale pink flowers in the early spring, followed by splendid deep purple foliage. B. R., 4 to 6 feet, \$1.00 each.



Snowball

POMEGRANATE, FLOWERING (*Punica*)
DOUBLE RED. 8 ft. A rapid growing shrub with double, deep scarlet flowers. In bloom throughout the summer. 18 to 24 in., 90c each.
DWARF—Bright foliage and red fruits tend to make this one of the best of low growing ornamental hedges, or edgings. The fruit will stay on the plant over a long period. Gallon cans, 75c each.

POPLAR, LOMBARDY (*Populus nigra italica*). 90 ft. A picturesque and rapid growing, narrow-columnar tree. Bare roots, 6 to 8 feet, \$1.25 each.

QUINCE, FLOWERING (*Chaenomeles*)
A much branched shrub 6 to 8 feet in height, producing bright colored flowers along the stems before the leaves appear. Very striking.
PINK. Bare roots, 2 to 3 feet, \$1.00 each.
RED. Bare roots, 2 to 3 feet, \$1.00 each.

SNOWBALL, COMMON (*Viburnum opulus sterile*). 8 ft. Profusion of immense white ball-shaped flowers in May and June. 2 to 3 feet, \$1.25 each.

SPIRAEA VAN HOUTTEI (Bridal Wreath). 6 ft. clusters of white flowers; early flowering and compact. Bare roots, 2 to 3 feet, 75c each.

SYCAMORE, EUROPEAN (*Platanus orientalis*). The Oriental Plane Tree. Handsome, spreading street tree, with bright green Maple-like foliage. Bare roots, 3 to 10 feet, \$2.00 each.

TAMARIX africana (Tamarisk). 15 ft. Feathery foliage, and small, pink flowers on gracefully bending branches. Bare roots, 3 to 4 feet, \$1.25 each.

WEIGELA (*Diervilla*)
Ornamental free-flowering shrubs, producing trumpet-shaped flowers of many shades of color during June and July.

EVA RATHKE. 5 ft. A remarkably free bloomer, flowering continuously throughout the summer and fall; rich ruby-carmine flowers. Bare roots, 2 to 3 feet, 90c each.

ROSEA (W. florida). 6 ft. An elegant shrub, producing trumpet-shaped flowers of a fine rose color. Bare roots, 2 to 3 feet, 85c each.

WEEPING WILLOW (*Salix*). 6 to 8 ft., \$1.40 each.

Climbing and Trailing Plants



Bignonia Cheree

Mail Orders—Prices on all plants are f.o.b. San Francisco and shipment will be made by express at buyer's expense.

Orders amounting to \$2.00 or more are packed free.

Orders under \$2.00, please send 25c additional to cover cost of packing.

AMPELOPSIS

VEITCHII (Boston Ivy)—Ornamental climbing foliage plant, clings closely without any assistance to a stone wall or wooden surface. In autumn the leaves assume a reddish-copper tint. 2 yr. roots, 75c each.

QUINQUEFOLIA (Virginia Creeper)—Foliage much larger than the preceding, with a more vigorous habit of growth, the leaves assuming a bronzy hue in the fall, but not of clinging habit. 2 yr. roots, 75c each.

SEMPERVIRENS—A fine evergreen climber with small, very dark green leaves tinged red on the new growth. Gal. containers, 75c each.

LOWI—A splendid variation from Boston Ivy. Smaller and deeply cut foliage. Clings to smooth surface. Bright red in fall. \$1.00 each.

ANTIGONON leptopus (Queen's wreath). A magnificent flowering vine. Grows very rapidly in a warm protected situation, producing masses of bright, rose-pink flowers. Dies down in winter and comes again from tuberous roots the following spring. Each \$1.00.

AKEBIA quinata (Five-Leaf A.)—A handsome semi-evergreen hardy vine or trailer. Graceful, with fragrant purplish flowers; needs sunny and well-drained situation. 2 year, 85c each.

AUSTRALIAN PEA VINE (*Dolichos lignosus*). Rapid growing evergreen vine that flowers freely with clusters of rose colored flowers. Gal. containers, 75c each.

BIGNONIA (Trumpet Vine)

Beautiful climbers with large, showy, trumpet-shaped flowers; they require a warm, sunny position and protection.

Each: Gal. containers, 75c.

CHERERE—An evergreen variety, with long trumpet-shaped flowers 3 inches in diameter; in color a rich shade of blood red.

TWEEDIANA—Flowers lemon-yellow and usually broader than long. Evergreen with tendrils that adhere to stone.

VIOLACEA—Foliage quite glossy, evergreen. Flowers lilac on the lobes, yellow inside tube.

BOUGAINVILLEA

(Do not remove from container when planting)

BRAZILIENSIS—A beautiful climber, having peculiarly shaped flowers somewhat resembling the leaves in shape and produced along the end of the branches in great profusion; color, rosy-purple. They do well in a sheltered sunny location. \$1.00 each; \$1.25 each; \$2.50 each.

CRIMSON LAKE—Just as vigorous as the above, but more tender. Flowers are brilliant rose-red. Gal. containers. \$1.00 each; Larger size \$2.50 each.

MRS. PRAETORIUS—A new and very distinctive variety. The color is bronze with overtones of pink and orange. Just as hardy as the Crimson Lake. Gal. containers, \$1.00 each.

CELASTRUS SCANDENS (Bittersweet)

Twinning plant which thrives in shade. Yellow flowers in midsummer. Ornamental fruits in Autumn. Each 75c.

CLEMATIS

Hardy deciduous climbers. 2-year plants \$1.50 each.

DUCHESS OF EDINBURGH—Double white.

HENRY—Large white.

JACKMANI—Violet purple.

MME. EDOUARD ANDRE—Mauve to carmine.

RAMONA—Large flowered blue.

TANGUTICA—Golden yellow.

CLIANTHUS PUNICEUS (Parrot Bill)

(Protect from frost until established)

Excellent for training against a wall, bearing great masses of drooping brilliant scarlet blossoms, which resemble a parrot's bill. 75c each.

DEERINGIA amaranthoides variegata. Woody climber to 15 feet in height, bearing panicles of greenish-white flowers followed by globular red berries. Gal. containers, 75c each.



Clianthus Puniceus

FICUS pumila (Fig. Vine). Handsome little evergreen climber with small dark green leaves; clings to stone or wood. Gal. containers, 75c each.

HARDENBERGIA comptoniana. Winter blooming evergreen climber, producing a profusion of small violet-blue, pea-shaped flowers in long racemes. Height 8 feet; prefers partial shade. Gal. containers, 75c each.

HONEYSUCKLE (Lonicera)

HALLIANA (Hall's Japanese)—A strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow; very fragrant. Gallon cans, 75c each.

CHINENSIS—Strong grower, new growth is reddish-purple on branches and back of leaves. Flowers white and pink, fragrant. Gallon cans, 75c each.

HILDEBRANDIANA. Evergreen climber having yellow flowers 6 inches long, and glossy, green foliage; fragrant. Gal. containers, \$1.50 each.

HOYA carnosa (Wax Plant). A succulent climber with thick light green leaves, and fragrant white flowers with pink centers. A good trellis plant in pots for summer, but should be shaded from the hot sun. 75c and \$1.00 each.

IPOMEA leari (Blue Dawn-Flower). Rapid growing climber with large dark blue flowers; free bloomer. 75c each.

IVY (Hedera)

ENGLISH (*H. helix*)—Large, dark green leathery leaves. Clings tenaciously to walls; makes a good ground cover under trees. 4-inch pots, 40c each. Gallon cans, 75c each.

ENGLISH SMALL LEAVED—4-inch pots, 40c each. Gallon cans, 75c each.

HAHN'S SELF BRANCHING (*H. helix* var.). Small leaves borne thickly on graceful branches. Make fine house and window box plants. 4-inch pots, 50c each.

MADERENSIS VARIEGATA—A giant leaved form with a broad yellow margin. 4-inch pots, 40c each. Gallon cans, 75c each.

JASMINUM (Jasmine)

GRANDIFLORUM (Catalonian Jasmine)—Flowers pink in bud, white when open, very large and delightfully fragrant. Blooms most of the year. Gal. containers, 75c each.

PRIMULINUM (Double Yellow Jasmine)—Flowers very large and usually double. The fastest growing Jasmine. Gal. containers, 75c each.

STEPHANENSE (Pink Jasmine)—A beautiful pink-flowering variety with twining, slender stems. Fragrant flowers, more than an inch in diameter. Gal. containers, 75c each.

KENNEDIA rubicunda. A twining climber similar in form to Hardenbergia, with red pea-shaped flowers in drooping racemes. Gal. containers, 75c each.

LANTANA sellowiana (Trailing Lantana). The lavender flowers appear all year. For rockeries and window boxes. (Protect from frost until established.) 4 inch pots 40c each; gal. containers, 75c each.

MANDEVILLA suaveolens (Chilean Jasmine). Summer blooming deciduous vine. White Jasmine-like flowers, but larger and even more fragrant. Gal. containers, 75c each.

PASSION VINE (Passiflora)

Very rapid growing evergreen climber with large green leaves and brilliantly colored handsome flowers.

JAMESONI (Tacsonia). Bright salmon-pink with a tube 4 inches long. Foliage glossy bright green. Gallon containers, 75c each.

PINK (*P. mollissima*)—Clear pink flowers. Gal. containers, 75c each.

SCARLET (*P. manicata*)—A very brilliant color. Gal. containers, 75c each.



Pink Passion Vine

PHILADELPHUS mexicanus (Climbing Mock Orange).

A hardy, vigorous vine, excellent for training over a pergola; evergreen. Fragrant, creamy-white double flowers 2 inches across. Gal. containers, 12 to 18 inches, 75c each.

PLUMBAGO capensis. May be grown as a bush or low climber.

The light sky-blue flowers are produced throughout the summer; stands drought and brightest sunshine. Gal. cans, 75c each.

POLYGONUM auberti (silver Lace Vine).

Hardy climber of vigorous growth, producing foamy sprays of white flowers during summer and fall. 2 year old roots, 75c each.

PYROSTEGIA ignea (Bignonia venusta) — Flame Vine.

Woody evergreen climber having handsome foliage and long, flaming orange-scarlet flowers through the winter. Requires a warm, sunny situation. 75c each.

SOLLYA heterophylla (Australian Bluebell Creeper).

Valuable for covering banks and low fences; hardy evergreen. The nodding bell-shaped flowers are brilliant blue. Gal. containers, 75c each.

TECOMA jasminoides (Pandorea).

Shrubby climber bearing panicles of white flowers with pink throats. Gal. containers, 75c each.

TRACHELOSPERMUM jasminoides (Star Jasmine)—

Also known as Rhynchospermum. A splendid evergreen climber of strong but not rampant growth with leathery, glossy leaves which make a dense mat. Covered in spring and early summer with very sweet scented star-like flowers. It thrives equally well in full sun or semi-shade, and is hardy almost everywhere in California. Gal. containers, 85c each.

WISTERIA

One of the most elegant and rapid-growing of all climbing plants, bearing long grape-like clusters of flowers in early spring before the leaves appear.

SINENSIS PURPLE—Racemes nearly a foot long and very compact. Flowers are light purple. 2-year-old grafted stock, \$1.50 each.

MULTIJUGA BLUE (Japanese Wisteria)—Flowers are smaller but the clusters are longer. Grafted stock, \$1.75 each.

MULTIJUGA PINK—2 yr. grafted, \$1.75 each.

MULTIJUGA WHITE—\$1.75 each.

Evergreen Trees and Shrubs

Prices are subject to change without notice.

Visit Our Modern Nursery on 19th Avenue at Sloat Boulevard. The most complete stock in the west. Everything for the garden. Hallawell's Spring Garden Show from February to June, highlights a year round color display.

SHIPPING ORDERS—Prices on trees and shrubs are f.o.b. San Francisco. Orders amounting to \$2.00 or more are packed free. If order amounts to less than \$2.00 please send 25c additional for handling and packing.

Shipments will be made by express at buyer's expense.

Large orders to points within a radius of 150 miles from San Francisco are sent by truck delivery at buyer's expense. (Truck delivery rates are very reasonable.)

The figure following the name of the plant indicates the average height it attains and is given for your guidance in planting.

ABELIA

FLORIBUNDA (Mexican Abelia). 6 ft. Showy tubular flowers, carmine with white throat. Flowers are about 2 inches long. Blooms profusely. 75c each.

GRANDIFLORA. 6 ft. A free-flowering shrub, remaining in bloom during the entire summer, flowers white, flushed pink. 75c each.

SCHUMANNII. 6 ft. Color is soft pinkish lavender. 75c each.

ABIES—Fir

CONCOLOR (White Fir)—A moderate growing tree adapted for small yards. Makes a fine outdoor Christmas tree; resistant to heat and drought. 75c each.

ABUTILON—Flowering Maple

HYBRIDUM—Maple-like leaves and bell-shaped pendulous, red, yellow or white flowers. Half hardy shrub. 75c each.

MEGAPOTAMICUM (Lantern Flower)—Half climbing evergreen shrub. The yellow petals with red stripes and red-brown calyx, appear on the semi-weeping branches all year. 75c each.

ACACIA

BAILEYANA. 30 ft. Very ornamental tree, with bluish green feathery foliage and bright canary-yellow flowers in January. 75c each.

FLORIBUNDA (Golden Wattle). 25 ft. Rapid growing, flowers bright yellow, blooming throughout the summer. 75c each.

LATFOLIA. 15 to 25 ft. Used extensively in Golden Gate Park for windbreaks and is also a valuable hedge plant; long leaves and golden yellow flowers. 75c each.

ARBUTUS

UNEDO (Strawberry Tree). 10 ft. Shrub, with clean, attractive foliage. White flowers appear in winter months and with them the large, red strawberry-like fruits of the previous season. 75c each. Larger plants, \$3.00.

ACUCIA

JAPONICA VARIEGATA (Gold Dust Tree). 5 ft. Large glossy foliage marked with yellow spots. Of slow spreading growth. In the warmer sections it should have partial shade. Fine for porch decorations. \$1.00 each; larger, \$3.00 each.

JAPONICA—Dark green foliage. 75c each. Larger size \$2.25.

MALE PLANTS—\$2.00 each.

AZARA MICROPHYLIA

10 ft. A graceful shrub with arching pendulous branches and small dark green glossy leaves. Has minute white flowers. Fine for covering walls or fences. 75c each.

BAUHINIA PURPUREA—“Orchid” tree

15 ft. A small tree, withstands cold to 23 deg. and heat in the inland valleys. Magnificent orchid-like flowers 3 inches across, pinkish-lavender with purple and yellow markings. A tree full of “orchids.” 55c each.

BAMBOO DWARF—Each \$1.00.



Azalea

AZALEAS

These splendid garden plants produce a dazzling array of color in late winter and early spring. Easily grown, and needing little special attention, they are becoming more and more popular with the home gardener. Azaleas prefer full shade, or semi-shade, and do very well under trees. Mix plenty of peat moss or other organic into azalea soil and fertilize occasionally with Hallawell's Acid Plant Food.

You will find a brilliant display of Azaleas at our NURSERY GARDENS during the blooming season, and the balled or potted plants may be transferred to your garden without disturbing the roots.

ALBERT ELIZABETH—Large, double white with petals bordered red. Several sizes, priced 75c to \$2.00 each.

CHARLES ENCKE—Variegated delicate pink with a dark center. Single and medium sized flower. 75c and \$1.25 each.

ERIE—Large double, variegated pink and white. 75c to \$1.50 each.

HENX—Dwarf, semi-double crimson for pots or border. 75c to \$1.50 each.

LATE WHITE—Very large double white. 75c to \$1.25 each.

LENTEGROET—Semi-double; lovely shade of rose. a very fine new azalea. \$2.00 each.

MARIE LOUISE—A medium sized white flower; occasionally with light pink. 75c and \$1.00 each.

PAUL SCHAME—Large; double; salmon. One of very popular varieties. 75c; \$1.25 and \$2.00 each.

SNOWDRIFT—A very beautiful large, single white. 75c to \$2.00 each.

VERVEANA ALBA—Large double white. Indica type. \$1.25 each.

WARD'S RUBY—Brilliant red; small single flowers. A very hardy variety. Large plants \$1.50 each.

BERBERIS—Barberry

CORALLINA COMPACTA. Grows about a foot high, with a spread of 2 or 3 feet. The orange flowers persist practically all year. 75c each.

DARWINII. 5 ft. A densely branched, spreading shrub, with thick and leathery foliage; flowers orange-yellow and very fragrant, followed by purple fruit; the best of the species. 75c each.

WILSONAE. 3 ft. Very dwarf habit with small glossy green leaves and long spines. The foliage in the fall assumes beautiful red tints; has attractive red berries in the winter. 75c each.

BOUARDIA

CORAL RED—Clusters of lovely coral-red flowers, slightly smaller than *Humboldtii*. May be used for corsages. Each 85c.

HUMBOLDTII. 4 ft. A small shrub with drooping branches producing white Jasmine-like flowers during summer and fall; intensely fragrant. Requires partial shade and a protected position as it will not endure temperatures under 26 degrees above zero. 75c each.

BOXWOOD—Buxus

suffruticosa. Dwarf, for edging purposes. Dark green leaves slow growing. \$1.50 per 10; \$10.00 per 100.

Japonica. Lighter green leaves and rapid, vigorous growth. 65c per 12; \$5.00 per 100 (from flats). Gal. containers, 75c each.

PYRAMID BOXWOOD—Specimen plants about 3 feet high. \$5.50 each.

BRUNFELSIA floribunda (*B. calycina* var.) 6 ft. Compact habit. Intensely fragrant flowers, rich violet with small white eye. Thrives in sun or partial shade with plenty of moisture. \$1.00 each.

BUDDLEIA magnifica (*B. davidii* var.) 10 to 15 ft. Butterfly Bush or Summer Lilac. Large drooping spikes of rose-purple flowers. 75c each.

ROYAL RED—A new hardy *Buddleia* recently introduced by an Eastern firm. We have plants blooming at our Nursery Gardens this year. Each \$1.00.

CALLIANDRA—*Guildingi* (Trinidad Flame Bush). 8 ft. This vivid and colorful plant blooms during spring and summer. Feathery, fern-like foliage. 75c each.

CALLISTEMON rigidus (Bottle Brush). 6 ft. A showy flowering shrub with red flowers. 75c each.

CALODENDRUM. *Capensis* (Cape Chestnut). 40 ft. In early summer this magnificent tree is almost solidly covered with great 6 inch panicles of beautiful rosy lavender blooms. \$1.00 each.

CANTUA buxifolia. 6 ft. A summer flowering shrub with small foliage, bearing rose-red flowers. Sunny situation. 75c each.

CARISSA grandiflora (Natal Plum). 8 ft. A lovely shrub bearing fragrant white flowers and brilliant scarlet fruits. Both appear at all times during the year. 75c each.

CASSIA tomentosa (Woolly Senna). 12 ft. Ornamental gray-green foliage, golden-yellow flowers. 75c each.

CEANOTHUS cyaneus (Mountain Lilac). Tall shrub dark green shining foliage, and deep blue flower heads. Water sparingly. 75c each.

CEANOTHUS sorediatus (Jim Bush). 4 to 6 ft. Upright growing with stiff branches. Light green foliage, and medium blue flowers. 75c each.

CEDRUS—Cedar

DEODARA (Himalayan Cedar)—Exceedingly handsome; branches are drooping, with silvery green foliage; fine for planting in a large lawn. Gal. cans, 75c each. Balled. Larger sizes \$2.75 to \$7.50.

ATLANTICA GLAUCA—(Blue Atlas Cedar). 40 ft. Foliage intense silvery-blue. \$2.50 each; larger sizes, \$3.50 to \$7.00.

CESTRUM

PARQUI (Night-Scented Jasmine). 10 ft. A shrub of moderate growth with greenish-yellow flowers which are very fragrant at night. 75c each.

FASCICULATUM. 10 ft. A quick-growing shrub of tall and slender habit. The bright red flowers are trumpet-shaped. 75c each.

CHAMAECYPARIS—Flat Branched Cypress

LAWSONIANA—A fine pyramidal tree which holds its form well, becoming more beautiful with age. Fern-like, green foliage. 75c each. Larger size \$1.25 each.

LAWSONIANA ALUMI (Blue Lawson Cypress)—Of dense growth and columnar habit. Foliage a bluish metallic hue. Various sizes priced 75c to \$5.00.

LAWSONIANA ERECTA VIRIDIS (Green Column Cypress)—Foliage is clear rich green, and the habit is upright and columnar. Balled, \$2.50 to \$5.00.

LAWSONIANA FRASERI—Columnar in form and similar to *C. lawsoniana alumi*, but less narrow. Foliage is dark blue. 75c each.

LAWSONIANA PENDULA (Weeping Lawson)—Very desirable as a single plant specimen. \$1.00 each.

LAWSONIANA STEWARTI (Golden Lawson Cypress)—One of the most satisfactory golden varieties. Of rather slow growth with feathery, graceful foliage. \$3.50 to \$7.50 each.

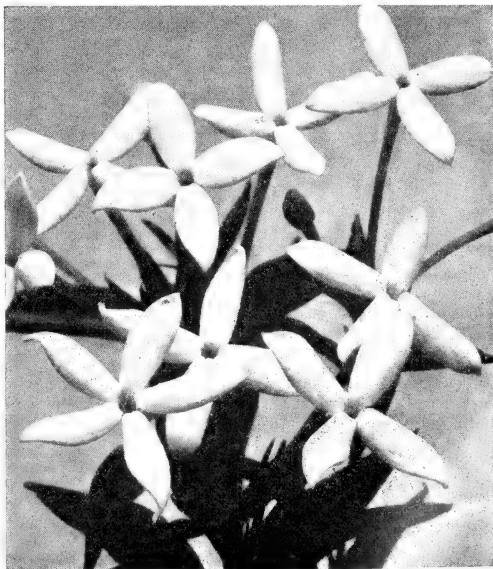
LAWSONIANA WISSELI (Wissel Cypress)—An exceedingly handsome slow growing upright variety, with rich dark blue-green foliage. \$1.00 each, larger \$2.75 each.

NIDIFERA (Bird's Nest Cypress)—A dwarf spreading variety of compact habit and feathery foliage. Specimen plants balled \$2.50 to \$5.00.

OBTUSA AUREA (Golden Hinoki Cypress)—A handsome tree with horizontal branches and fern-like tufts of dark green leaves touched with gold. Slow growing. Balled, \$5.50 each.

OBTUSA NANA (Dwarf Hinoki Cypress)—A lower growing form particularly adapted for rock gardens or similar positions. \$1.50 to \$7.50 each.

CHAMAELAUCIUM ciliatum (Geraldton Wax Flowers). 2 ft. One of the most beautiful of shrubs. Has a silhouette habit and heather-like foliage. Deep pink flowers. \$1.00 each.

*Bouvardia Humboldtii*

Hallawell's Camellias

PUT CAMELIAS ON YOUR GIFT LIST.

Mail Orders—We have a large stock of camellias in various sizes from 6 inches high to large specimen plants. Catalog prices are minimum and maximum at time of going to press. Shipping orders require good strong packing. Please add 25c per plant to partially cover cost of labor and materials.

A true aristocrat of the garden. The dark or light green foliage offers a luxuriant background for the delicate waxlike flowers which come in an endless variety and combination of colors. The forms are single, double, semi-double, and crested, each interesting and beautiful.

Camellias require a situation and cultivation similar to that given rhododendrons. They should have partial shade and the plants are hardy to 10 degrees above zero and seem to thrive anywhere on the Pacific Coast except in very dry sections.

Good drainage is essential. Camellias will not thrive in water-logged soil, close to a building. They require an acid soil and should be fertilized during the growing season with an acid plant food. (Use Hallawell's Acid Plant Food). To prevent bud dropping, strive to keep an even moisture content in the soil at all times. Irrigate thoroughly once a week or at regular intervals.



Camellia

BELLE JEANETTE—This exquisite camellia sells so fast when it is in bloom, it is well to place orders early to be assured of getting one. It is deep pink with well defined white blotches. Is very symmetrical and full double to the center. This year we offer the larger plants only. \$4.00 to \$5.00 each.

BELLE ROMANA—A most striking variegated camellia. Large double flowers of light pink streaked and flaked crimson. Free-blooming and vigorous. \$2.50 to \$6.00 each.

CHANDLERI ELEGANS—Huge flowers, often 7 inches across. Beautiful rose pink, profuse bloomer. One of the very best camellias. Gallon size \$2.50 to \$6.50 each.

CHEERFUL—Clear bright cherry-red, medium size, very double, sets many blooms and flowers late. \$2.00 to \$4.00 each.

COMPTON DE GOMER—A full double symmetrical form of modern size. The lovely delicate pink color is flecked with numerous minute rose specks. A charming camellia. \$2.50 to \$4.50 each.

DAIKAGURA—Flowers are very large, loosely formed peony type; deep rose; sometimes slightly streaked white. It is usually the first camellia to bloom, flowers often appearing in early November. A very beautiful camellia, medium sized plants \$2.50 each; larger \$4.00 and \$5.00 each.

EMPEROR OF RUSSIA—The flowers are very large, with a large ray of petals around the outside and smaller re-curved petals in the center. The color is a lovely brilliant scarlet. Large specimen plants. \$7.50 each.

ECSTASY—A lovely, medium large, double flower of bright, clear pink. A popular variety. \$3.50 to \$5.00.

FLAME—A splendid large semi-double flower of vivid red. If you like red camellias, you will certainly like this one; we have only the large sized plants this year at \$5.00 each.

GRANDIFLORA ROSEA—Very large semi-double, deep rose color with prominent stamens. The outer petals reflex, making a most attractive flower. Good medium sized plants \$3.50. Larger size \$6.00.

HIKARI GENGI—Big loosely formed flowers with three distinct shades of pink. They are fairly symmetrical but very slightly in form, sometimes showing the stamens but often with a pom-pom center. It is an interesting as well as a beautiful camellia. Plants about 9 inches tall \$1.75; larger sizes \$3.50 to \$4.50 each.

LOTUS—A magnificent semi-double, pure white with yellow stamens. Probably the finest and largest of all the semi-double whites. Strong plants \$5.00 each.

MARASCHINO—A double bright red with a distinctive and charming open flower form. Balled, \$4.50 each.

MRS. JOHN LAING—A splendid symmetrical, fully double flower of clear rose-pink. A lovely form and delightful color. Large plants, \$4.50 each.

MATHOTIANA ALBA—A very symmetrical, full double, pure white, usually with one tiny pink dot on a flower. Its enormous size makes it one of the most spectacular of the full double white flowered varieties. In two sizes this year. \$2.00 and \$3.50 each.

PURITY—Exquisitely formed, double pure white. Flowers are very large, often 5 to 6 inches across. One of the most popular varieties. \$2.00 each.

PINK STAR—An unusual semi-double flower with about two rows of the outer petals opening out flat, thus increasing the size of the flower. The color is light pink with all petals showing some veining. Sizes \$2.50 to \$4.00.

ROSITA—Very double, medium sized flowers of bright rose-pink. The petals are delicately veined and charmingly arranged in rosette-like form. Gal. size, \$1.75 to \$3.00 each.

STAR DUST—Large rose-pink flower of the Chandleri type with the double row of outside petals and clustered center. \$4.50 each.

VALLVEVARDA—Large, full double; very symmetrical, with delicate pink outer petals, deepening to the center of the flower. This is the first year we have managed to keep stock to grow the larger plants. They average about 24 inches tall. \$3.50 to \$4.00 each.

WM. S. HASTI (C. M. HOVEY)—Extremely large, double deep red with attractive well formed flowers which show their stamens when fully open. Medium sized plants \$2.50, larger \$3.50 to \$4.00 each.

CHILOPSIS linearis (Dessert Willow)—15 ft. A California native bearing orchid-like trumpet shaped flowers. Easily grown, does not require much water. Each 75c.

CHOISYA ternata (Mexican Orange). 4-6 ft. Compact shrub with bright glossy green leaves, and fragrant white flowers borne in cluster. 75c each.

CHORIZEMA varium. 6 ft. Spring flowering shrub with Holly-like foliage and orange-red flowers. 75c each.

CINNAMOMUM camphora (Camphor Tree). 40 ft. Bright green, glossy foliage, tinged bronze in the spring. A fine street tree; will not tolerate wet poorly drained situations. 75c each; larger, \$2.50 each.

CISTUS—Rock Rose

CORBARIENSIS. 3 ft. Sage-green foliage and beautiful white flowers 2 inches across. A luxuriant plant. 75c each.

LADANIFERUS MACULATUS. 4 ft. Dwarf shrub with showy flowers similar to a single rose. Pure white with brownish crimson spot at base of each petal. 75c each.

PURPUREUS. 3 ft. A new and beautiful variety thriving in a sunny position and hardy anywhere in California. Blooms from April to December. 75c each.

CONVOLVULUS cneorum. Dwarf and compact shrub having silver-gray foliage and white flowers about 2 inches in diameter. 75c each.

COPROSMA baueri (Mirror Plant). A compact shrub which may be trained as a low climber. The rounded, dark green leaves are very glossy. 75c each.

CORREA speciosa (Australian Fuchsia). A spreading, bushy shrub growing about 3 feet high, with dense deep olive-green foliage and yellow flowers. 75c each.

CORREA pulchella (Australian Fuchsia). 18 inches. Foreground shrub 4 to 5 ft. across. Bears pink flowers all winter. Sun or shade. 75c each.

CORTADERIA seloana (Pampas Grass). 10 ft. Forms a large clump of grass-like foliage and bears beautiful pink or white feathery spikes. Pink or White. 75c each.

COTONEASTER

FRANCHETI. 8 ft. A graceful shrub of upright growth and very arching branches, leaves are downy. Flowers pink, followed by yellowish red berries. 75c each.

HARROWIANA. 8 to 10 ft. Tall, graceful branching habit; flowers white and berries which are borne in large masses, are rosy red. 75c each.

PANNOSA. 10 ft. A fine shrub of upright growth. Branches long, slender and slightly arching; vermilion-red berries. 75c each.

PARNEYI. 8 ft. The foliage is much larger than other Cotoneasters and the stems are loaded with big clusters of immense, brilliant red berries in the fall and winter. 75c each.

PROSTRATE VARIETIES

HORIZONTALIS. 2 ft. A shrub of low-spreading habit; flowers small white, followed by bright red berries. 75c each.

MICROPHYLLA. 3 ft. A small-growing evergreen variety of low-spreading habit; white, followed by large purplish-red berries. Gal. cans, 75c each.

CRYPTOMERIA GLOBOSA NANA

Green foliage, turns bronzy in winter. Balled plants \$1.50 and up.

CUPRESSUS—Cypress

MACROCARPA (Monterey Cypress)—A native of California, and one of the most desirable of evergreens; stands pruning well; very extensively planted for hedges. Gal. containers, 75c each. Larger plants \$2.50.



Erica

ERICA—Heather

One of the most attractive and desirable of the Winter and early Spring flowering plants. We often have sizes larger than those listed below. If interested please ask for prices.

MEDITERRANEA HYBRIDA. A dense compact form. Foliage dark green, with deep rosy pink flowers. 75c each.

MELANTHERA ROSEA. 5 ft. Flowers are a deep shade of rosy pink. 75c each.

MELANTHERA RUBRA. 4 ft. Reddish purple; very fine. Gal. containers, 75c each.

BLANDA. Long, reddish-pink, tubular flowers; dwarf. 75c each.

CODONODES (*E. lusitanica alba*). "Spanish Heath." White bells; tall growing. 75c each.

HELIANA (*E. hyemalis*). 2 ft. Salmon pink, long tubes. 75c each.

PRES. FELIX FAURE. The favorite of all. Deep rosy red tubes. 75c each.

REGERMINANS. Rosy red bells. 75c each.

ESCALLONIA

ROSEA. 10-12 ft. Foliage round, rough, and serrated; flowers pink. 75c each.

ROSEA NANA. 4 ft. A more compact form of *E. rosea*, with pink flowers. 75c each.

RUBRA (*E. macrantha*). 5 ft. Dark green shining foliage; compact growth. Flowers deep red; free bloomer. 75c each.

EUCALYPTUS

FICIFOLIA (Scarlet-Flowering Gum). 25 ft. Flowers large and normally crimson or scarlet, but vary considerably. Hardy only in warmer sections. 75c; larger sizes \$2.50 to \$3.50 each.

GLOBULUS (Blue Gum). 150 ft. Rapid growing tree widely planted in California for windbreaks and fuel. 75c each.

POLYANTHEMOS (Australian Beech).—An ornamental variety of moderate growth with round foliage. Resistant to drought. 75c each.

CYTISUS—Broom

MULTIFLORA ALBA. 3 ft. Slender and drooping, gray-green branches, with dainty and fragrant pure white flowers. 75c each.

RACEMOSA (Sweet Broom). 6 ft. A very graceful variety of Broom producing bright, golden yellow flowers. 75c each.

NEW TYPE "BROOMS"

The improved Brooms, of American and English origin, are steadily increasing in popularity with Pacific Coast gardeners. For rich gorgeous coloring and varied color combinations, they have no equal. Some of them will thrive in very cold climates and most of them will grow under adverse conditions.

BURKWOODI—Deep red, bushy and a heavy bloomer. \$1.50 each.

LORD LAMBOURNE. 4 ft. Magnificent large flowers of scarlet primrose and rose-pink. \$1.50 each.

MARIE BURKWOOD—Tri-color in gold, rose and scarlet beautifully blended and very attractive. \$1.50 each.

NEWREYENSIS—A striking combination of mahogany and creamy yellow. \$1.50 each.

POMONA. 6 ft. Beautiful arching variety. Flowers orange and yellow, with shading of apricot. \$1.50 each.

ST. MARY'S—A half dwarf type bearing large white flowers. \$1.50 each.

DAPHNE

CNEORUM. A dwarf shrub of spreading habit producing delicately perfumed rose-pink flowers. Requires a sunny position and well drained soil. Fine for rock planting. Balled, \$1.50 each.

ODORA MARGINATA (Pink Daphne). 4 ft. A small shrub producing light pink flowers which are intensely fragrant and massed in dense clusters at the end of the branches during the winter; the leaves are edged creamy white. \$1.50, \$2.50, \$3.50 each.

WHITE—Medium size \$1.75, large \$6.00 each.

DATURA suaveolens (Angel's Trumpet). Small tree or large shrub bearing large trumpet-like whitish flowers. Grows rapidly with moisture, but exists without. 75c each.

DIOSMA

ERICOIDES (Breath of Heaven). 4 ft. Handsome little shrub with fragrant foliage, producing small white star-shaped flowers in great profusion. 75c each.

PULCHRUM (Pink Diosma). Light green aromatic foliage. The small, star-shaped flowers are lavender-pink and almost continuously in bloom. 75c each.

DRACENA indivisa—Strong slender trunk, drooping foliage. 75c each.

ELEAGNUS

PUNGENS VARIEGATA. 5 ft. A fine spreading shrub with large wavy margined foliage, smooth above, silky beneath, and margined creamy white. 75c each.

PUNGENS MACULATA (Golden Leaf). Similar to above except that the leaves are blotched with gold. 75c each.

EUGENIA

MYRTIFOLIA. 6 to 10 ft. Excellent shrub of tall, compact growth which can be trimmed to any desired height. Foliage glossy green with a ruddy hue on the new growth; flowers followed by edible violet-colored berries. Will not endure severe frosts. Gal. cans, 75c each; larger size, \$2.50 each.

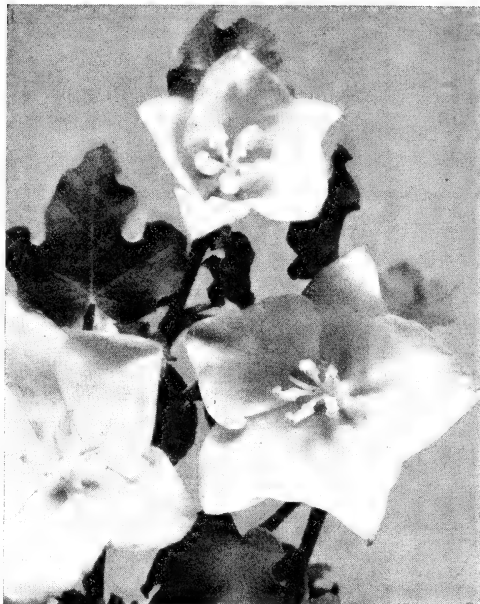
SMITHI (Lilli-Pilli Tree)—15 ft. Unusual shrub bearing large drooping clusters of decorative berries. 75c each.

EUONYMUS—Spindle Bush

JAPONICUS AUREO-MARGINATUS (Golden Euonymus). 4 ft. Dwarf compact growth. Leaves deep yellow toward the edges, blotched in the center with green. 75c each.

JAPONICUS MICROPHYLLUS (Small Leaved Euonymus). 2 ft. Dwarf and compact with small dark green serrated foliage. Fine for low hedges and borders. 75c each.

FATSIA japonica (Aralia sieboldii). 6 ft. Large shining deeply lobed green leaves. A splendid porch plant and also suitable for outdoor planting in the shade. 75c each.

*Fremontia*

FREMONTIA mexicana (Flannel Bush). 10 ft. A splendid native flowering shrub with small fig-like, gray-green leaves. Produces satiny orange yellow flowers 2 to 3 inches across. Prefers a dry sunny location. 75c to \$3.50 each.

FUCHSIA (See Page 78)

GARDENIA MYSTERY (Cape Jasmine)—The hardest and most popular outdoor variety. Glossy foliage and magnificent blooms. 85c each.

GREVILLEA thelemanniana (Jewel Flower). Medium sized shrub with bright green soft, finely cut foliage, bearing scarlet flowers. Dry sunny situation recommended. 75c each.

ROSMARINFOLIA (Rosemary Grevillea). 6 ft. A dense, compact, rounded shrub, with narrow deep green Rosemary-like foliage. In Spring it has small pink and white flowers. Thrives in full sun or in partial shade. \$1.00 each.

HAKEA

LAURINA (Sea Urchin). 15 ft. Large, somewhat erect shrub that will stand adverse conditions to be found on the coast. The crimson and gold flowers of this variety are outstanding. 75c each.

SUAVEOLENS. 10 ft. Large erect shrub with light green prickly leaves suggesting a pine. Makes a good hedge and is drought resistant. Has fluffy white flowers in fall or winter. 75c each.

HIBISCUS

CROWN BOHEMIA—Double yellow. Gallon containers \$1.25. Large size \$5.50.

HOLLY—Ilex

TRUE ENGLISH (I. aquifolium). 20 ft. A small tree with glossy, dark green thorny leaves. It is covered with bright red berries during the winter months. Female plants; grafted. Balled. \$4.50 to \$7.50 each.

HYDRANGEA

HORTENSIS OTAKSA. 6 ft. Large-leaved shrubs, with enormous corymbs of beautiful pink flowers. Succeed best in a partially shaded location. 75c each.

H. TRIUMPH—A very popular deep pink variety. \$1.00 each.

HYPERICUM—St. John's Wort.

calycinum. 1 ft. A low growing plant useful for ground cover. Flowers similar to *H. Moserianum*. 50c each.
moserianum (Gold Flower). 3 ft. Low shrub with light green foliage spreading 2 to 3 feet across, and large golden yellow flowers. Blooms all summer in sun or part shade. 75c each.

ILLICIAM anisatum (*I. religiosum*). Small tree or shrub with aromatic leaves about 3 inches long and greenish yellow flowers. Hardy. 75c each.

ITEA ilicifolia—8 ft. Foliage resembles holly. Magnificent shrub. 75c each.

JUNIPERUS—Juniper

CHINENSIS ARMSTRONGI. 3 ft. Dense, compact habit, and reaching 5 feet in spread; gray-green foliage. \$1.00 each.

CHINENSIS FEMINA (Reeves J.). Loosely branched tree, with bright green foliage covering the branches so densely that they appear to be moss laden. \$1.00 each. Large containers, \$3.00 to \$4.50 each.

CHINENSIS PFITZERIANA (Pfitzer's Juniper)—Has bushy widespread horizontal branches, and forms an immense flat irregular head of bluish green foliage, 6 to 8 feet in height and the same across. \$1.00 each. Larger, \$3.00 to \$4.50 each.

CHINENSIS TORULOSA (Hollywood Juniper). A most beautiful variety of narrow semi-erect habit with wavy outline; foliage bright green. Highly attractive. \$1.00. Larger, \$3.00 to \$4.50 each.

COMMUNIS HIBERNICA (Irish Juniper)—An erect, slender tree to 8 feet; very slow in growth. Ends of the branches have a tendency to turn slightly downward. Can be sheared to make a pyramid. \$1.00.

CONFERTA (Shore J.). A low creeping juniper with dense, bright green foliage. Makes a heavy matted ground cover of pleasing effect. \$1.00 each.

EXCELSA STRICTA (Upright Juniper)—A handsome compact shrub, wide at base and tapering at the top; color silvery gray-green, of great merit in coniferous groupings, owing to color and habit. \$1.00 each.

JAPONICA (Creeping Japanese)—Height 1 ft. with 6 to 8 ft. spread. Foliage bluish-green. \$1.00 each.

PROCUMBENS (Japanese Creeping Juniper)—A prostrate creeping variety with dense compact blue-green foliage. Good for the rockery and for covering slopes. \$1.00 each.

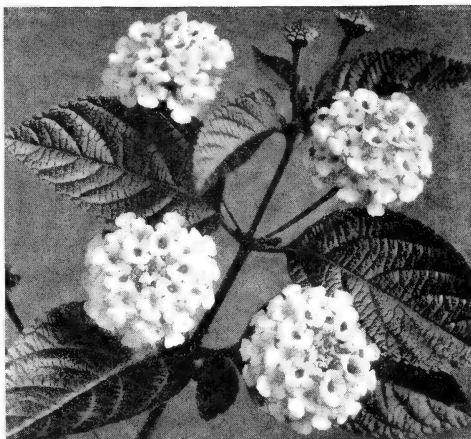
PROCERA (African Juniper). Pyramidal form; probably the tallest of the Junipers. \$1.00 each.

SABINA (Savin J.). A semi-spreading plant, well covered with short, tufted dark green foliage. \$1.00 each.

SABINA TAMARISCIFOLIA (Tamarisk Leaved Juniper)—A very fine creeping variety seldom more than 1 foot high and attaining a spread of 6 to 8 feet, making a dense compact mat of gray-green foliage which never changes color. \$1.00 each.

SQUAMATA MEYERL. 4 ft. An upright dense shrub, with twisting branches and silver-blue foliage. \$1.00 each. Larger \$2.50 to \$3.50 each.

VIRGINIANA TRIPARTITA (Dwarf Red Cedar). 6 ft. Also known as Fountain Juniper. A low, sturdy form, dense with rigid, broadly spreading branches. \$1.00 each; larger, \$3.00 each.



Lantana

LANTANA CAMARA

These shrubs grow rapidly, and are a mass of brilliant color a great part of the year. They require a warm sunny situation, with plenty of water. Early fall pruning promotes winter flowering.

DWARF BEAUTY—Dwarf orange-bronze.

CRAIGI—Dwarf golden-yellow.

LA PLEUR D'OR—Dwarf deep golden-yellow.

SENSATION—Medium dwarf lavender and yellow.

SOUTHERN—Dwarf pink and yellow.

TETHYS—Dwarf lemon yellow.

WEeping—Weeping type, lavender flowers.

DWARF WHITE—Dwarf pure white.

GOLDEN PLUME—Tall, orange-yellow.

JACOB SCHULTZ—Tall, red, yellow and orange.

BIENCOURT—Tall, lavender and pink.

PRICES: Each of the above varieties, from 4 inch pots, 50c each.

LAUREL, ENGLISH (*Prunus laurocerasus*). 5-8 ft. A fine evergreen, with broad, shining leaves, producing creamy white flowers followed by purple berries. 75c each.

LAUREL, PORTUGAL (*Prunus lusitanica*). A splendid dense foliage plant, and makes a beautiful trimmed hedge. Sun or partial shade. 75c each.

LAURUS nobilis (Sweet Bay). An erect growing shrub with aromatic dull green leaves. Does well in tubs in exposed positions. 75c each.

LEPTOSPERMUM—Tea Shrub

LAEVIGATUM. 6 to 10 ft. A tall evergreen drooping shrub with grayish-green foliage. It withstands drought and is especially adapted for windy places. 75c each.

SCOPARIUM FLORE PLENA (Rose - Flowered Tea Tree). 3 ft. Dwarf, upright form with dainty foliage, and bearing double pink flowers resembling tiny roses. Full sun or light shade. 75c each. Larger size \$3.00 each.

NICHOLSII RUBRA (*L. scoparium* var.). 5 ft. A handsome shrub with bronzy foliage and dainty little red flowers, suitable for table decoration. Sun or part shade. 75c each. Larger size \$3.00 each.

LIBOCEDRUS decurrens (Incense Cedar). One of the finest of native California trees. Deep green foliage similar to *Arbor Vitae*, and tall narrow pyramidal habit. 75c each.

LACUNARIA patersonii. Tall shrub or small tree with long thick green leaves, gray beneath, and bearing waxy pale rose flowers, $\frac{2\frac{1}{2}}$ inches across, in early summer. Semi-hardy. 75c each.

LEONOTIS leonurus (Lion's Tail). 6 ft. Orange colored hairy flowers, borne in whorls around the branches during summer and fall. Plants are improved by cutting back every year or so. 75c each.

LIGUSTRUM—Privet

LUCIDUM. Large shrub or small tree suitable for narrow parkways. Large, thick and shining leaves. 75c each.

OVALIFOLIUM (California Privet). 3 to 8 ft. A valuable evergreen hedge plant. A strong growing shrub with bright medium sized leaves. Can be kept trimmed at any height. Bare roots, $1\frac{1}{2}$ to 2 feet, extra well branched, 10c each; 85c per 10; \$6.75 per 100. Bare roots, 2 to 3 feet, extra well branched, 15c each; \$1.00 per 10; \$8.75 per 100.

OVALIFOLIUM AUREUM (Golden Privet). 3 to 8 ft. Golden-margined variety. Very attractive for giving color to shrubby groups. 75c each.

LEMON

MEYER DWARF—While this lemon is used mainly for ornamental purposes, the fruits are edible and may be used the same as commercial lemons. Also the Meyer is more hardy and may be grown more successfully where it is too cold for others. The bushy shrub-like trees have flowers and fruit most of the year. Plants in gallon containers \$1.50 each. Larger size \$3.50 to \$5.50.



LIME

RANGPUR—The hardiest of the limes; will stand about the same temperature as lemons. Skin is orange-red and the deep orange flesh is acid and of good quality. Used extensively as an ornamental. \$3.50 each.

MAGNOLIA grandiflora. 30 ft. The large leathery-leaves are brilliant green; flowers are pure waxy white, of immense size, and very fragrant. 75c each. Larger, \$3.50 each. If for shipping send \$1.00 extra for packing.

MAHONIA aquifolium (Oregon Grape). 3-6 ft. Erect shrub with glossy holly-like leaves, small yellow flowers in spring, and blue berries through the summer. 75c each.

MELALEUCA nesophila (Pink Bottle Brush). 6 ft. A rapid growing erect shrub with lance-shaped leaves and lavender-rose flowers. 75c each.

MUSA ensete (Abyssinian Banana). An ornamental palm-like tree for outdoor subtropical effects in warm situations; also for greenhouse decoration. 75c each; larger containers, \$2.50.

MYOPORUM laetum. 6-10 ft. A rapid growing foliage shrub or small tree with leathery leaves, and small pink flowers followed by rosy-purple berries. Grows well along the seashore. 75c each.

MYRTLE—Myrtle

COMMUNIS. 6 ft. An evergreen shrub with aromatic foliage, producing small fragrant white flowers throughout the summer. 75c each.

COMMUNIS MICROPHYLLA (Small Leaf M.). 4 ft. Foliage is exceptionally small and closely set; spreading habit. Gal. containers, 75c each.

NANDINA domestica. 6 ft. A handsome shrub of moderate size and rather slow growth. The leaves are light green in summer, turning to a vivid red during the winter. The white flowers are followed by bright crimson berries. 75c each. Larger, \$2.50 each.

OLEANDER—Nerium

Best suited for the warmer sections.

The following: Gal. containers, 75c each

SINGLE CHERRY RED. DOUBLE SALMON PINK.

DOUBLE PINK. PROF. DURANT—Yellow.

OLEARIA stellulata (White Tree Aster). 4 ft. Also called "Daisy-tree" for its heads of white daisy-like flowers. 75c each.

OSMANTHUS fragrans (Sweet Olive). 5 ft. Large, dark green foliage and small white, fragrant flowers in clusters. \$1.00 each.

OSMANTHUS ilicifolius (O. aquifolium). A slow growing foliage shrub for shady places, with shining holly-like leaves and fragrant white flowers in autumn. 75c each.

PHOTINIA

ARBUTIFOLIA (Christmas or Toyon Berry). 10 ft. A native evergreen shrub loaded with brilliant red berries in the winter. 75c each.

SERRULATA NOVA. 10 ft. A handsome evergreen tree or shrub, the foliage of which becomes very conspicuous in the autumn, when it assumes a reddish hue; flowers white, in large corymbs, produced in early spring. 75c each. Larger plants \$2.50.

PINUS—Pine

CANARIENSIS (Canary Island Pine). One of the finest pines for California. The young needles are in bunches, and are whitish-blue when young, maturing into a lively green. Excellent for tall screen and windbreak; rapid growing and permanent. 75c each.

DENSIFLORA (Japanese Red P.). Rapid growing tall tree. The short, rigid leaves are bright bluish green; cones are very small. 75c each.

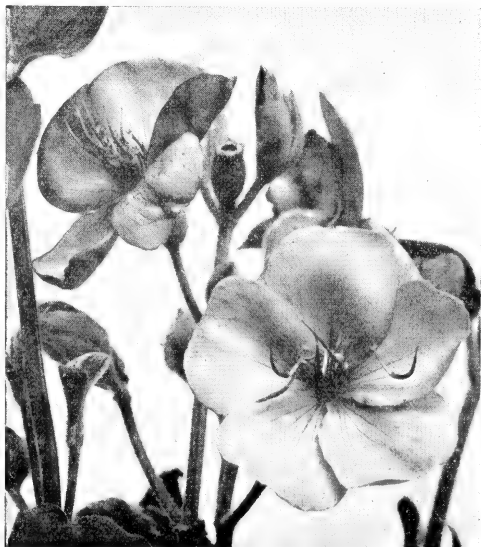
MUGHUS (P. mugo var.). "Dwarf Swiss Mountain Pine." Densely branched with stiff dark green needles. Good rock garden subject. 75c each. Larger sizes to \$2.50 each.

PATULA. A graceful tree with drooping clusters of grass-green needles to 12 inches in length. Not hardy North. Cal. containers, 2 to 3 feet, 75c each.

RADIATA (Monterey Pine). The most desirable Pine for shade, and more extensively planted than any other variety in this State. Gal. cans. 75c each; ask for quantity prices.

PLEROMA—Tibouchina

MACRANTHUM (Glory Bush). 10 ft. An exotic shrub with rich royal purple flowers often 5 inches across. The large velvety leaves add to the attractiveness of this plant. Half hardy. 75c to \$4.00 each.



Pleroma

PODOCARPUS elongata (Fern P'ne). 15 ft. Medium sized tree with long narrow leaves, suitable in a sunny or shaded position. Very useful as pot specimens in the house, as they endure rather dark interiors. 75c each.

PODOCARPUS macrophylla (Longleaf P.). Medium sized upright tree with horizontally spreading branches and long, lustrous bright green leaves; interesting fruits in the fall. 75c each.

POLYGALA dalmaisiana (Milkwort). 4 ft. A profuse flowering shrub with purple pea-shaped flowers, and pretty light green foliage. 75c each.

PITTIOSPORUM

CRASSIFOLIUM (Karo Pittosporum). Large shrub of upright growth with gray-green leaves. It is entirely unaffected by salt winds, and does well in a sandy soil. 75c each.

EUGENOIDES (Tarata P.). An erect shrub or small tree, suitable also for a tall clipped hedge. Bright green, wavy edged foliage. 75c each.

NIGRICANS (P. tenuifolium). 8 to 10 ft. A very handsome upright growing shrub with silvery light green leaves and black stems; a good hedge plant and very ornamental as an individual. 75c each.

RHOMBIFOLIUM (Queensland Pittosporum). 15 ft. An erect and full shrub or small tree with dark green, serrated, glossy leaves. 75c each.

TOBIRA (Japanese Pittosporum). 5 ft. One of the finest of the medium sized evergreen shrubs. It is a wide, spreading, dense, round headed shrub with deep, glossy, green foliage. Flowers in terminal clusters, pure white and fragrant. 75c each.

UNDULATUM (Victorian Box). 10 ft. A shrub or tree with deep, green, glossy, wavy margined leaves. Flowers yellowish-white, intensely fragrant, particularly at night. 75c each.

PROSTANTHERA rotundifolia (Australian Mint Bush). 6 ft. A clean upright shrub with gray-green foliage having a pungent aroma, and covered with heliotrope colored flowers. Likes slightly acid soil. 75c each.

PRUNUS caroliniana (Carolina Cherry-Laurel), 10 to 15 ft. For backgrounds and hedges. Glossy light green foliage. 75c each.

PRUNUS ilicifolia (California Wild Cherry). 5 to 10 ft. Glossy holly-like leaves. Fine for hedges or as a background shrub. 75c each.

PYRACANTHA—Burning Bush

FORMOSIANA SPLENDENS (Splendid Firethorn). Medium sized variety, bearing large rich red glossy berries. A rather compact habit makes it suitable for smaller gardens. \$1.00 each; large size \$5.00 each.

GIBESII 10 ft. A strong vigorous plant of compact habit bearing orange-yellow berries. A fine variety. 75c.

LALANDI 8 ft. A thick, thorny evergreen shrub. Leaves are small and glossy green. Flowers are white followed with a profusion of orange berries. 75c each.

ROGERSIANA AURANTIACA (Roger's Orange Firethorn). 8 ft. Valuable as a flowering plant. Berries are glossy orange and produced along the slender shoots clear to the tips. \$1.00 each.

LEWISII. Foliage is dark green, and the rosy-red berries cover the plant during the winter months. \$1.00 to \$3.00 each.

YUNNANENSIS. 10 ft. A vigorous grower of spreading habit with bright coral-red berries. 75c each.

REINWARDTIA indica (Yellow flax) Winter flowering subshrub bearing yellow flowers 1½ to 2 inches across in quantity. Cut the plants back occasionally to induce compactness. 75c each.

ROMNEYA coulteri (California Tree or Matilija Poppy). 5-6 ft. Native shrub with large, pure white single flowers. \$1.00 each.

SARACocca ruscifolia. 3 ft. A very hardy medium sized shrub that does very well in the shade. The foliage is deep black-green and myrtle-like. Small white flowers are followed by red berries. 4 inch pots, 50c each.



Rhododendron

**HALLAWELL'S
PRIZE RHODODENDRONS**

Unsurpassed in the Spring is the sight of the gorgeous blooming Rhododendrons in San Francisco's Golden Gate Park, attracting visitors and natives alike. Rhododendrons thrive in the Bay Area and make a splendid addition to any garden planting, the ideal gift.

ALICE—Deep pink, changing to rose. Medium size about 12 to 18 inch spread. \$6.50 each, larger size \$7.50.

BRITANNIA—Bright crimson red, in bud \$6.50 each and up.

CORNUBIA—Fine blood-red, balled plants in bud \$7.50. **CYNTHIA**—Rosy Crimson balled plants in bud \$5.00 to \$7.50.

EUREKA MAID (Patented)—The finest pink. Supply limited. Balled 12 to 15 inch spread \$7.50.

FASTUOSUM—Double, mauve, balled plants in bud. \$6.50. **LORD ROBERTS**—Dark red with darker markings. \$6.50 and up.

MICHAEL WATERER—Exquisite bright crimson. Large plants \$6.75 to \$7.50 each.

MRS. R. S. HOLFORD—Rich salmon, balled plants. \$6.00 and up.

PINK PEARL—Pure pink. \$6.00 and up.

SCHINUS molle (California Pepper). 30 ft. Shade and ornamental tree with feathery foliage, producing clusters of rosy-red berries in the fall. 75c each.

SEQUOIA gigantea (California Big Tree). Young trees grow very rapidly. 75c each.

SEQUOIA sempervirens (California Redwood). A native ornamental tree of rapid growth and tapering pyramidal habit. Branches stand out horizontally; leaves dark green. 75c each, larger to \$3.50.

SKIMMIA. Evergreen shrub with bright red berries. Thrives in partial shade. Female plants \$3.00 each; male plants \$2.00 each.

STERCULIA diversifolia (Bottle Tree). A dense, erect and symmetrical tree, with small variously formed, light green glistening leaves. A splendid street tree in narrow parkways, due to deep rooting. 75c each.

STRANSVAESIA davidiana—10 ft. Colorful every season of the year. Brilliant hues in winter, followed by colorful fruits, then white spring flowers. \$1.00 each.

TAXUS—Yew.

BACCATA FASTIGIATA (Irish Yew)—A slow growing tree of dense, columnar habit; foliage is of the darkest hue. 2 to 2½ ft., \$6.50; 3 to 4 ft., \$8.50.

BACCATA FASTIGIATA AUREA (Golden Irish Yew)—The habit and form are the same as the green variety. 2 to 2½ ft., \$4.50; 2½ to 3 ft., \$5.00.

TERNSTROEMIA Japonica. 8 to 10 ft. A large shrub with round leathery leaves which are very lustrous and tinged with purple. A fine shrub that requires little attention. 75c each.

TEUCRIUM fruticans (Germander). Low shrub for dry situations, having light gray foliage and blue flowers during spring and summer. 75c each.

THUJOPSIS dolabrata. Handsome tree of dense, broad-pyramidal habit, with flattened fan-shaped branchlets and bright green lustrous foliage. 85c each.

THUYA—Arbor Vitae

OCCIDENTALIS WOODWARDII. Dense, globe formed, with dark green foliage. Balled, \$2.00 each.

OCCIDENTALIS AUREA NANA (Berkman's Golden Arbor Vitae). Dwarf compact, with bright gold and yellow tinted foliage, retaining its wonderful color and form under all conditions. 85c each; larger, \$2.00 each.

OCCIDENTALIS BAKERI. 12 ft. Tall and narrow, with bright green foliage. Well adapted to hot and dry locations. \$2.25 to \$3.50 each.

BEVERLEYENSIS (T. orientalis var.). 15 to 20 ft. "Golden Column Arbor Vitae." Golden green foliage throughout the year; at its best in a sunny position. Balled, \$2.50 to \$4.00 each.

OCCIDENTALIS COMPACTA. Globe shaped with light green foliage. 75c each.

OCCIDENTALIS ELEGANTISSIMA (Pyramidal Arbor Vitae). A pyramidal tree to 12 feet, rather broad at the base. \$2.50 to \$3.50 each.

ROSEDALE. A handsome dwarf type shrub with soft, blue-green foliage. May be planted where it is desirable to have a shrub which does not grow too fast. 18-in. \$1.50; 24-in. \$3.50; 30-in. \$5.00.

TURRAEA obtusifolia (Star Bush). 3 ft. An attractive broad and compact shrub with good foliage, in bloom from summer until late fall. The white Jasmine-like flowers have long narrow petals. Full sun or part shade. 75c each.

VERONICA

BUXIFOLIA. 2 ft. A dwarf variety with small, bright-green leaves and small white flowers. Useful for growing in tubs and window boxes. 75c each.

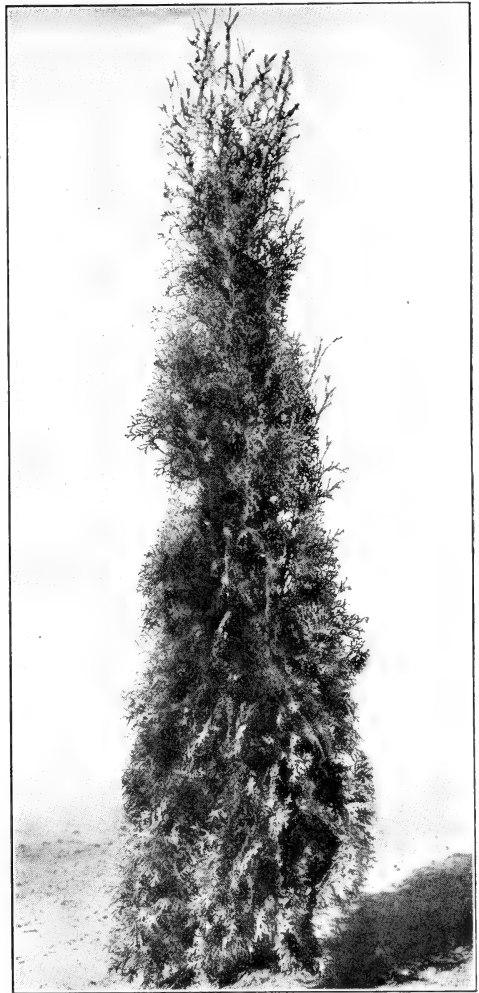
CUPRESSOIDES. 6 ft. Very distinct, compact type. 75c each.

VIBURNUM

BURKWOODI. 3 to 4 ft. Hardy, fast growing semi-evergreen, bearing heads of fragrant white flowers. The shining green foliage turns bronze in winter. Sun or light shade with plenty of moisture. \$1.25 each.

ODORATISSIMUM. 6 to 8 ft. An ornamental variety with thick and glossy dark green leaves, and very fragrant waxy white blossoms. 75c each.

TINUS (Laurestinus). 6 ft. This shrub is covered during winter and spring with flowers in broad heads, pinkish in bud, white when fully opened. Makes a good hedge. 75c each.



Thuya, Orientalis

VITEX—Macrophylla (Blue Chaste Tree) 3 ft. One of the best blue flowering plants. Loaded with bloom in June and if the old blooms are cut off at the end of the flowering season it will bloom again in August. Each 75c.

XYLOSMA

SENTICOSA. 5 ft. One of the finest foliage plants. Shiny green, luxuriant, graceful. Not particular about soil or water. Plant it in the warmest place in your garden. 75c each.

HALLAWELL'S CHRYSANTHEMUMS

Plants ready about May 1st to 15th. Orders amounting to \$2.00 and over are postpaid within the 4th zone. Add 25c to cover cost of postage and handling on orders for Chrysanthemums for less than \$2.00.

Please place your orders as early as possible, and on late orders permit us to substitute where necessary, so that the order may be completed.



Large

Pompon

Single

Anemone

Spidery

Large Flowered Type

Culture: Due to our long growing season Chrysanthemums should be grown from rooted cuttings each year and the old plants discarded after cuttings have been taken in March.

Plants may be set in the garden during May and June. Large flowering types may be disbranched and disbudded to have fewer, but larger blooms. Pompons, Anemones, and Singles need not be disbudded. After plants are established in the garden, pinch them back to 4 or 5 inches if it is desired to have them branch.

30c each, \$3.00 per dozen

APPERT—Lovely dark bronze, incurved.

BARBARA PHILIPS—Large, glowing yellow reflex.

GARNET KING—Fine dark red; reflexed type.

HARVEST MOON—Bright yellow, very large; excellent.

HELEN FRICK—Deep lavender-pink; incurved type.

HELENA POCKET—Enormous, white, incurved. Very fine.

KEYSTONE—A fine bronzy-orange, incurved variety; early flowering.

MADISON—Crimson, bronze reflex.

MAJ. EDWARD E. BOWES—Bright rosy pink.

PINK TURNER—Light pink; incurved.

WILLIAM TURNER—Pure white, incurved.

YELLOW TURNER—Light yellow, incurved.

Pompon

25c each, \$2.50 per dozen

AMETHYST—Bright purple.

BRISTOLITE—Very rich orange yellow. Medium.

CAVALCADE—Bright red, bronze reverse.

NATOMA—Bright red.

CHRISTMAS RED—Deep red. Medium-large.

GOLDEN NYMPH—Button; golden yellow.

LEGAL TENDER—Golden bronze, tinged red; yellow reverse. Medium.

PENelope—Golden yellow. Button.

PINK DOT—Pink with reddish center. Button.

THYRA—Dark pink.

TOPAZ—Bronze, tipped mahogany.

WHITE PEARL—Pure white. Medium.

Cushion

25c each, \$2.50 per dozen

EDGAR A. GUEST—Bright bronzy red.

PANOLA—Deep rose pink.

THE MAJOR—Bright salmon pink.

YELLOW SPORT—Corn Yellow.

Spidery and Thread-like

25c each, \$2.50 per dozen

BRILLIANCE—Glossy straw with bright red tips.

BUNBU—Deep lavender.

OHKWAN—Large and full, feathery flowers of deep yellow. A splendid new variety.

RAYONNANTE—Long light pink, cord-shaped petals

R. BACON No. 15—A most unusual variety. One row of pink petals tipped with gold, radiating from a golden center.

SILVER LACE—White; reflex tips.

Korean Hybrids

25c each, \$2.50 per dozen

APOLLO—Profuse sprays of reddish bronze.

CERES—Chamois, yellow and gold.

DAPHNE—Salmon pink.

DIANA—Delicate shades of rose, lilac, and salmon.

Cascade Chrysanthemums

35c each, \$3.50 per dozen

ANNA—Small, single, white.

BIJO—Small, single, light pink.

LITTLE PRINCESS—Golden yellow anemone.

RADIANT—Medium size, bright red, single.

Single Type

25c each, \$2.50 per dozen

BURGUNDY RED—Red with yellow center.

EVELYNNE LETHERBRIDGE—Orange with crimson flush.

GOLDEN SUN—Fine yellow which lasts well.

MRS. R. COLLINS—Large red and orange flowers with quilled petals.

PEACH GLOW—Chamois pink; medium size.

WILLIAM BUCKINGHAM—Lovely rosy pink. Large flower and good keeper.

YUKON—White with gold center.

Anemone Flowered

25c each, \$2.50 per dozen

BRONZE FRIEDA—Salmon buff.

CRIMSON GLOW—Bronze-crimson with gold-tipped cushion.

FRIEDA—Bright rose-pink with golden center.

MRS. JOHN SHIELDS—Deep yellow with gold cushion.

ROSE MADDER—Deep rose-pink.

WHITE FRIEDA—Clear white.

HALLAWELL'S FUCHSIAS

Mail Orders—Prices are f.o.b. San Francisco. Orders amounting to \$2.00 or more will be packed free and sent by express at buyer's expense. Send 25c additional for packing orders amounting to less than \$2.00.

Trailing Varieties, Each 50c

- AUTUMNALE**—Scarlet sepal flowers and purple corolla; bronze-orange foliage.
BALKON—Calyx light pink, deeper corolla.
BETTY—Tube and sepals rose-red, corolla rich creamy white veined rosy-red.
CASCADE—Large, sepals coral rose, corolla deep rose.
CLARET CUP—Large single, corolla rose, sepals pale carmine.
EVELYN LITTLE—Semi-double, corolla single rose pink, deeper sepals.
FIREFALL—Bronzy foliage, single, tube and sepals carmine, red corolla.
GLORY—Crimson sepals, single corolla crimson and tyrian rose.
HALLOWE'EN—Corolla single red, tinged lavender, sepals pink.
HENRI POINCAIRE—Corolla violet blue, pointed red sepals.
MARINKA—Semi-double, corolla scarlet, sepals darker.
MRS. RUNDEL—Corolla single, orange, flesh sepals.
MRS. VICTOR REITER—Creamy white tube and sepals, pure crimson corolla.
SWANLEY YELLOW—Pale apricot sepals, long tube, deep orange pink corolla.
THE DOCTOR—Single, deep salmon pink corolla, tube and sepals light salmon.
TRAILING QUEEN—Corolla fuchsia-red, long-pointed bright scarlet tube and sepals.
WISTERIA (G. Niederholzer)—The name is descriptive of the color as well as habit of growth.

Single Varieties, Each 50c

- AURORA SUPERBA**—Corolla orange-peach, sepals apricot-orange.
BALLERINA—Tube and sepals ivory pink, single corolla, bright pink.
BLUE MOON—Corolla near blue, bright red sepals.
BRUTUS—Rich purple corolla, scarlet sepals.
CALIFORNIA—Sepals coral pink, orange corolla, tall growing.
CLAIRE DE LUNE—Corolla salmon-orange, sepals pink.
COUNTNESS OF ABERDEEN—A lovely fuchsia, small delicate pink corolla, sepals and tube white.
DALLIANCE—Sepals and tube light red, petals bright red.
ESTRELLA—Violet purple corolla, rosy crimson sepals.
FIREFLY—Vivid red corolla and sepals.
FORGET-ME-NOT—Pale pink tube and sepals, pale blue single corolla, vigorous, floriferous.
FORMOSISSIMA—Corolla single, rose, tube and sepals creamy white.
HERON—Blue-purple diffused carmine corolla, wide scarlet sepals.
JANE EVANS—Large single blossoms, vivid shade coral and salmon.
JUNE CAROLYN—Tall and vigorous orange-pink sepals, coral-carmine corolla.
JULIUS—Corolla rosy lavender, sepals red.
LUSTRE IMPROVED—Bright orange-red corolla, creamy white tube and sepals.
ROSE OF DENMARK—Corolla pale rose, edged deeper rose, pale pink sepals.
ROSE PILLAR—Cerise-red, unusual color, very fine.
SERRATIPOLIA—Orange-pink corolla shading to carmine, long tube.
SUNSET—Corolla single, salmon cerise tube and sepals light salmon.



Fuchsia, Sunset

Double Varieties, Each 50c

- ABBEY FARGES**—Corolla double, silvery lilac, sepals pink, tall.
BLUE GOWN—Corolla deep blue, light crimson tube and sepals.
BRENTWOOD—Semi-double, all white if grown in shade, pale pink in sun.
CONCHILLA—Corolla amethyst violet, sepals pale pink.
CONSTANCE—Corolla blue, shaded pink, sepals pink.
DOLLAR PRINCESS—Rose-purple corolla, scarlet sepals.
DR. JOHN GALLWEY—Large double flowers, long tube cream white corolla, sepals rose.
DR. VANCE—Sepals red, corolla violet cerise.
FAIRY QUEEN—Dainty but vigorous ivory white corolla, light pink sepals.
FASCINATION—Dwarf, corolla deep pink, sepals carmine.
GRENADIER—Corolla violet purple, scarlet sepals.
GYPSY QUEEN—Very large, deep crimson and rosy mauve petals.
JULES DELOGES—Corolla rich violet shaded red, sepals scarlet.
KITTY O'DAY—Very floriferous, white rose-veined corolla, tube and sepals rose-red.
MADAME DANJOUX—Sepals scarlet, white deeply flushed carmine.
PASTEUR—White corolla, deep pink sepals.
PATTY-EVANS—Large flowers, tube and sepals white tinted pink.
P'AVLOVA—Beautiful flaring petals, light rose pink corolla, sepals deep rose-pink.
PINK PEARL—Clear pink flowers with light pink sepals. Very fine.
ROYAL PURPLE—Deep purple, tube and sepals scarlet.
ROSE PHENOMENAL—Scarlet sepals, corolla violet lavender flushed rose, crimson veinings.
SANTA MONICA—Vigorous dark foliage. Light red tube and sepals corolla flesh pink streaked cerise.
STORM KING—Corolla double, white shaded rose, sepals carmine.
SUZANNE PASQUIER—Pointed buds opening to white, sepals scarlet.
TORPILLEUR—Flesh corolla, sepals red, double.

Rockery and Perennial Flowering Plants

Varieties suitable for the rockery are marked with an asterisk (*)

MAIL ORDERS—Prices on perennial and rockery plants are f.o.b., San Francisco. Shipment will be made at buyer's expense. Orders amounting to \$2.00 or more for perennials are packed free. Orders under \$2.00 for perennials please send 25c additional for handling and packing. **Note**—We stock a complete line of perennial plants in season. Not all of them are listed in this catalog. Many are growing in our display gardens where visitors may see them during the flowering season. You are invited to visit our Nursery Gardens, 19th Ave. at Sloat Blvd. The Gardens are open week days and Sundays.

AGATHEA—See Felicia

ACONITUM—Monkshead

Tall branched spikes with deep blue flowers in July and August. Each, 35c; 3 for 90c; doz., \$3.00.

AGAPANTHUS—Blue African Lily

The flowers are bright blue and are produced in clusters of 20 to 30 on stalks 3 feet tall. Strong roots. Each, 50c.

***AJUGA**

REPTANS RUBRA—Forms a close carpet of richly bronzed purple leaves with blue Mint-like flowers on 4- to 6-inch stems. Useful for damp, shady places. Clumbs. Each, 25c; 3 for 60c; doz., \$1.75.

ANCHUSA

ITALICA LISSADELL—Grows to 5 ft.; flowers bright, gentian-blue. Each, 30c; 3 for 75c; doz. \$2.50.

***MYOSOTIDIFLORA**—A dwarf perennial from Russia with clusters of charming blue flowers resembling forget-me-nots. Each, 30c; 3 for 75c; doz. \$2.50.

***ALYSSUM**

SAXATILE (Golden Tuft)—Grayish-green foliage, bright yellow flower heads. 1 foot. Each, 25c; 3 for 60c; doz., \$1.75.

ANEMONE JAPONICA

Bloom from August until late in the fall and attain a height of 4 to 5 feet. Partial shade. Each, 35c; 3 for \$1.00.

MARIE MANCHARD (Semi-double, white)

MARGARETE (Double, deep-pink)

PRINCE HENRY (Double red; dwarf, early)

QUEEN CHARLOTTE (Silvery pink)

RICHARD AHRENS (Lovely shell pink)

SEPTEMBER QUEEN ((Semi-double, red)

AQUILEGIA—Columbine

The new long spurred Columbines have lovely large flowers and long stems. Fine for garden display and for cutting. Partial shade.

HALLAWELL'S SELECT HYBRIDS. BLUE HYBRIDS. ORANGE AND SCARLET HYBRIDS, PINK HYBRIDS, WHITE HYBRIDS. Any of the above 30c each, 3 for 75c; doz., \$2.50.

***ARABIS**—Rock Cress

ALBIDA FL.-PL.—Double pure white flowers from early spring until summer. Each, 40c; 3 for \$1.00.

***ARENARIA**

CAESPITOSA (Irish Moss)—Makes a vivid green carpet an inch or so high and spreads rapidly. Fine for rock gardens and flag walks. Sections, 50c each; Flat, 14x24 inches, \$2.00 by express f.o.b., San Francisco.

CALCEOLARIA—Pouch Flower

Fine little shrub of low growth, bearing large clusters of pouch-like flowers in yellow and brown shades.

PURE YELLOW or CRIMSON with yellow border. Each, 30c; 3 for 75c; doz., \$2.50. (April Delivery.)



Agathea (Felicia)



Aquilegia

ARMERIA—Sea Pink

Evergreen border plant, very dwarf, requiring no trimming; flowers rose-pink. Doz., 50c; 100, \$3.00.

ASTER, HARDY—Michaelmas Daisy (Ready in March)—Single flowers, very desirable for cutting. Bloom September and October. We have a fine assortment of the newer varieties.

The following, 3 for \$1.00; dozen, \$3.50

ALPINUS GOLIATH—6 to 10 inches, bluish purple flowers in early summer.

AMETHYST—3 feet. Purple blue, double flowers in great numbers.

BEECHWOOD CHARM—Brilliant crimson-red; medium height; free flowering.

COUNTESS OF DUDLEY—9 inches. Charming, clear pink flowers with yellow eye. Bushy.

HARRINGTON'S PINK—4 feet. Finest rose-pink. A perfectly lovely plant in the Autumn garden.

LILAC TIME—12 inches, lovely soft lilac flowers in September.

MAUVE CUSHION—9 inches. A cushion-like plant, delicate mauve flowers in October, November.

RED ROVER—3 to 4 feet. Deep rosy-red flowers.

ROYAL PINK—One of the most prolific bloomers; bright pink.

SAM BENHAM—The best of all white Michaelmas Daisies. Semi-double, fine for cutting.

SKYLAND QUEEN—Large, light blue flowers. Early. SUNSET—One of the best new pink sorts.

FRUKARTI—The clear lavender-blue flowers are 2 to 2½ inches across on stems suitable for cutting. A fine, very long blooming variety. Each, 35c; 3 for \$1.00.

CAMPANULA—Bellflower

CANTERBURY BELLS—Cup and Saucer; mixed. Each, 30c; 3 for 75c; doz., \$2.50.

PERSICIFOLIA (Peach Bells)—Perennial; 4 feet tall. In bloom during June and July. **White, Blue.** Each, 30c; 3 for 75c; doz., \$2.50.

***PORTENSCHLAGIANA**—A low growing perennial sort with slender, graceful foliage and small blue-purple bell-shaped flowers. Each, 30c; 3 for 75c; doz. \$2.50.

***ROTUNDFOLIA** (Blue Bells of Scotland)—Clear blue flowers; fine rock plant. 7 foot high. Each, 30c; 3 for 75c; doz., \$2.50.

CHRYSANTHEMUM MAWII

A hardy perennial with attractive silvery foliage, and rich rose-pink, daisy-like flowers. It is compact in growth, and almost continuously in bloom. Each, 30c; 3 for 75c; doz., \$2.50.

***CONVOLVULUS**

MAURITANICUS—Low-growing, spreads about 18 inches and bears lovely blue flowers. Gallon containers. Each, 50c.

COREOPSIS—Perennial Calliopsis

MAYFIELD GIANT—Large simple deep golden-yellow flowers. Clumps. Each, 25c; 3 for 60c; doz., \$2.00.

SUNBURST—Light, graceful foliage, and large rich golden yellow, semi-double flowers. Fine for cutting in the summer. Clumps. Each, 25c; 3 for 60c; doz., \$2.00.

EVERBLOOMING CARNATIONS

(40c each) (3 for \$1.00) (Doz. \$3.50)

Plant these everblooming carnations and have flowers the year round. Strong hardy plants that will produce more and better flowers than any other strain of named varieties. These are popular varieties which have been exhibited in many flower shows.

DAIRYMAID—White with pink penciling.

KATHRYN ELIZABETH—Lovely, large dark pink.

LONDON SMOKE—Popular smoky gray.

MRS. CHRISTY—Shell-pink; delightfully fragrant.

MYGOLD—An outstanding yellow.

PEARL HARBOR—Gold, with scarlet tips and stripes. 50c each.

PELARGONIUM—Popular, maroon with white edges.

PHAROAH—Very large orange with scarlet tips.

ROBERT ALLWOOD—The finest scarlet.

WHITE PETER FISHER—Best white.

WILL ROGERS—Very large black-maroon.

WOBURN—Maroon; good bloom.

CARNATION PLANT SUPPORTS

Galvanized wire with 3 loops on rings of wire. One each of 8, 9 and 10 inches; height 24 inches suitable for carnations, stocks, snapdragons, etc. Will fit pots too. 30c each. \$3.25 per dozen.

DIANTHUS—Hardy Pink

BEATRIX PINK—Each, 30c; 3 for 75c.

BEATRIX ROSE—Each, 30c; 3 for 75c.

SUE SUTTON WHITE—Each, 40c; 3 for \$1.00.

***DELTOIDES** (Maiden Pink)—A dwarf plant bearing small, fragrant, rosy pink flowers during June and July. Each, 30c; 3 for 75c; doz., \$2.50.

DIMORPHOTHECA

ECKLONIS—White flowers with blue disc. 30c each; 3 for 75c; doz., \$2.50.

DIELYTRA—Bleeding Heart

SPECTABILIS—An old-fashioned favorite; heart-shaped pink flowers does well in the hardy border and especially valuable for planting in the shade. 75c each.

DIGITALIS—Foxglove

Thrives in half shade.

GIANT SHIRLEY MIXTURE—Spikes 3 to 4 feet long carrying flowers of giant size, ranging in color from white to dark rose. Large clumps. Each, 30c; 3 for 75c; doz., \$2.50.

GLOXINAEFLORA—Mixed, 30c; 3 for 75c; doz., \$2.50.

DELPHINIUM—Perennial Larkspur**PACIFIC GIANT STRAIN**

A remarkably fine new hybrid type, producing stately spires on slender, wiry stems. A large proportion of the plants bear double florets which are 2½ inches or more across.

HALLAWELL'S SELECT MIXTURE—Each, 30c.... 3 for 75c; doz., \$2.50.

DORONICUM EXCELSUM

A hardy perennial with bright yellow flowers nearly as large as the Shasta Daisy. It blooms very early and for a long season and is invaluable for cutting. The leaves are close to the ground and the slender stems 2 feet or more in height. Clumps. Each, 40c; 3 for \$1.00; doz., \$3.50.

***FELICIA**

AMELLOIDES—(Blue Marguerite). Each, 30c; 3 for 75c; doz., \$2.50.

FERNs, HARDY

A shady position useless for the cultivation of other plants is easily transformed into a hardy fernery. Of easy culture especially if a liberal amount of leaf mold or peat is mixed with the soil. See them growing at our Nursery Gardens.

MEDIUM GROWING VARIETIES, ASSORTED—Each, 50c.

WOODWARDIA radicans (Chain Fern of California)—Tall, erect and much divided, bright-green fronds. Each, 60c.

GAILLARDIA

PORTOLA HYBRIDS—Large flowers, rich crimson-bronze zoned with yellow at the tips. Each, 25c; 3 for 60c; doz., \$1.75.

GAZANIA

SPLENDENS—Orange-yellow. From flats. Doz., 75c.

LONGISCAPA—Golden-yellow, drought resistant. From flats. Doz., 75c.

GERBERA—Transval Daisy

Require a warm, sunny situation. Assorted colors, strong root divisions. April to July.

SINGLE—30c each; 3 for 75c; doz., \$2.50.

DOUBLE—75c each.

GEUM—Avens

LADY STRATHEDEN—Fine rich golden-yellow flowers.

MRS. BRADSHAW—Large double orange-scarlet flowers. Each 25c; 3 for 60c; doz., \$2.00.

***HELIANTHEMUM—Sun Rose**

Low spreading evergreen plants bearing dainty flowers which are usually single and resemble little roses. Excellent for a sunny rockery or in front of the border.

AMERICAN BEAUTY—Wine-red.

CORDEVON'S PINK—Fine rose-pink.

GOLDLOCKS—Lemon yellow.

ST. MARY—Pure white. New and very fine.

Each of above, 25c; 3 for 75c; doz., \$2.50

HELIOTROPE

A hardy-plant, growing 4 to 8 feet high.

BLACK BEAUTY—Very deep blue. 60c each.

HEMEROCALLIS—Day Lily

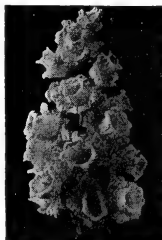
Popular hardy plants belonging to the Lily family. They succeed everywhere and should be included in every border of old-fashioned hardy plants. The flowers are produced in spikes from six to a dozen blooms, opening in succession.

FLAVA (Yellow Day Lily)—Fragrant deep lemon-yellow flowers in June and July; 2½ to 3 feet.

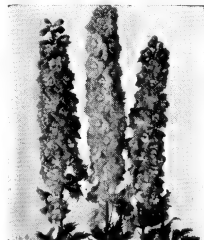
FULVA (Tawny Day Lily)—Copper orange with darker shadings, June and July; 3 feet.

KWANSO FL. PL.—Double orange with darker shadings. July and August; 3 feet.

Each of above 50c.



Campanula



Delphinium

HOLLYHOCK

A hardy perennial of upright growth, 5 to 8 feet high. DOUBLE MIXED—Each, 30c; 3 for 75c; doz., \$2.50.

LAVANDULA—Sweet Lavender

OFFICINALIS (L. vera)—An old-fashioned favorite with soft gray foliage, and fragrant lavender flowers on long stems. 75c each.

PEDUNCULATA—Beautiful flowers; extra large. 75c.

LINUM—Flax

***FLAVUM COMPACTA** (Golden Flax)—Flowers golden yellow, free blooming, 1 foot tall. Each, 25c; 3 for 60c; doz., \$2.00.

LIPPIA REPENS

Used in place of grass for lawns. It does not require cutting and makes a fairly good substitute. Flat 14-24 inches, \$2.00.

MARGUERITE

(Protect from frost until established.)

A half-hardy perennial shrub in bloom all year round and requiring very little water.

WHITE or YELLOW—Each, 35c; 3 for \$1.00.

MERTENSIA—Virginia Blue Bells

VIRGINICA—Spring flowering, growing about 1 to 1½ feet high, with blue, funnel-formed flowers in clusters. In bloom from April to June; requires a partially shaded position and moist soil. Each, 40c; 3 for \$1.00.

MESEMBRYANTHEMUM—Ice Plant

(Protect from frost until established.)

These are much used for planting in rockeries and on embankments where there is a scarcity of water.

MAGIC CARPET VARIETIES:

***AUREUM**—Shrubby with large bright orange flowers. Doz., 50c; 100, \$3.50.

***FLORIBUNDUM**—Small lavender-pink flowers with very narrow foliage. The most popular variety for covering banks. From flats. Doz., 50c; 100, \$3.50.

RUBY QUEEN—Medium size flower, bright ruby red. Doz., 50c; 100, \$3.50.

LIGHT PINK—A large flowered creeping variety. Doz., 60c; 100, \$3.50.

***SPECTABILE**—Large bright, rose-colored flowers with coarse foliage. Trailing habit; suitable for banks. Doz., 60c; 100, \$3.50.

***BROWNII**—A narrow leaved variety growing 1 foot high or more; flowers orange changing to various shades of rose. Suitable for the rock garden and dry situations. Each, 25c; 3 for 60c; doz., \$2.00.

***NEPETA MUSSINI**

A dwarf compact hardy perennial, producing light blue flowers from May to September. Makes a fine permanent edging and an excellent rock plant; 10 inches high. Each, 30c; 3 for 75c; doz., \$2.50.

PANSY, GENEVA GIANTS

The finest giant flowered strain. Young plants from flats. Doz., 50c; Flat, \$2.00.

PENTSTEMON

A hardy perennial growing 2 feet high, sending up spikes of bright colored and spotted flowers similar to the fox-glove in shape.

MIXED COLORS—Field grown plants. Each 30c; 3 for 75c; doz., \$2.50.

PLUMBAGO LARPENTAE

An excellent rock plant for fall bloom. Flowers intense deep Plumbago-blue. Thrives in sun or light shade. Each, 40c; 3 for \$1.00.

POPPY, ICELAND—Papaver nudicle

The plant is of neat habit, forming a tuft of bright green fern-like foliage, and a profusion of cup-shaped flowers on slender stems 1 foot high.

MIXED COLORS—Each, 25c; 3 for 60c; doz., \$1.75.



Iceland Poppy



Tritoma

POPPY, ORIENTAL—Papaver orientale

A charming summer flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, showy flowers, having a conspicuous black blotch on each petal. MIXED COLORS—Each, 30c; 3 for 75c; doz., \$2.50.

PYRETHRUM ROSEUM

IMPROVED SINGLE HYBRIDS—A hardy perennial bearing large daisy-like flowers with bright yellow centers; blooms in May and June and again in the fall. Clumps. Each, 30c; 3 for 75c; doz., \$2.50.

REHMANNIA ANGULATA

Large rosy purple gloxinia-like flowers. Suitable for pot culture or outdoors in a sheltered situation. 3 feet tall. 3-inch pots. Each, 30c; 3 for 75c; doz., \$2.50.

SALVIA—Sage

AZUREA—A hardy perennial variety growing 3 to 4 feet high and producing during late summer, panicles of pretty sky-blue flowers in great profusion. Each, 30c; 3 for 75c; doz., \$2.50.

PARINACEA "BLUE BEDDER"—Beautiful in small flower arrangements. Deep blue. Each, 30c; 3 for 75c; doz., \$2.50.

PATENES (Blue Sage)—A tender tuberous rooted plant for the border, 2 feet high. Flowers are rich blue. Each, 30c; 3 for 75c; doz., \$2.50.

***SAPONARIA OCYMOIDES—Soapwort**

Small dark leaves set off the rosy flowers to good advantage. A trailing plant indispensable to the rock garden. Each, 25c; 3 for 60c; doz., \$2.00.

SAXIFRAGA

CRASSIFOLIA—Rosy lilac flowers in dense panicles standing well above the smooth, shining leaves. About 20 inches high. Each, 40c; 3 for \$1.00; doz., \$3.50.

SCABIOSA—Pincushion Flower

CAUCASIA (Blue Bonnet)—One of the handsomest of hardy perennials. Large pale blue flowers on long stems; fine for cutting. Each, 30c; 3 for 75c; doz., \$2.50.

HOUSE'S HYBRIDS—Shades of lavender and blue. Each, 40c; 3 for \$1.00; doz., \$3.50.

SHASTA DAISY—Chrysanthemum maximum

ALASKA—The single flowers are white with yellow center, and borne on long stiff stems. Clumps. Each, 25c; 3 for 60c; doz., \$2.00.

FRINGED—A new semi-double sort with many narrow petals; fine for cutting. Clumps. Each, 30c; 3 for 75c; doz., \$2.50.

PERENNIAL BEDDING PLANTS

We stock many varieties of perennial bedding plants in flats in season. Visit our nursery any time and you will find a good assortment of seasonable stock. Many types in bloom in the gardens, too.

STATICE—Sea Lavender

(Protect from frost until established.)

PEREZII—Has large spreading panicles of deep lavender flowers and large leathery leaves at base of the plant. Much used for window boxes.

Small plants, 30c each; 3 for 75c; doz., \$2.50. Larger sizes, 75c each.

STRAWBERRY, EVERGREEN

Useful for covering embankments, etc., foliage deep glossy green. Bare roots. Doz., 50c; 100, \$3.50.

SWEET WILLIAM—Dianthus barbatus

SINGLE MIXED—Each, 25c; 3 for 60c; doz., \$2.00.

THYMUS—Thyme

The Mountain Thymes make a perfect close, fragrant, carpet and are a mass of bloom in June and July. Fine for rockwork.

***SERPILLUM ALBUM** (White Mountain Thyme)—Dark green foliage and white flowers.

***SERPILLUM COCCINEUS**—Dark green foliage and crimson flowers.

25c each; 3 for 60c; doz., \$2.00

TRITOMA—Red Hot Poker

Hardy plants with large and broad grassy leaves at the base; the dense spikes of brilliant flowers are borne on long stiff stems during the summer months.

PFITZERI (Kniphofia uvaria var.)—An improved form. Red. Each, 30c; 3 for 75c; doz., \$2.50.

PELARGONIUMS

50c each, \$5.50 per dozen

MARTHA WASHINGTON GERANIUMS

AZALEA—Rosy red, large flowered, upper petals darker, blotched.

AMANDA (New and rare)—Reddish scarlet, white center, black blotched upper petals.

ANITA—A lovely new one. Center white, margined bright rose, dark crimson feathered upper petals.

BEVERLY HILLS—Amaranth pink, symmetrical, early bloomer, vigorous.

CINDERELLA—Beautiful. Shell pink upper petals, white with orchid lower petals.

CHICAGO MARKET—Large flowered, bluish pink, deeper colored throat. Dwarf habit, all petals veined.

DIENER'S GIANT—Rich deep pink, large flower. Fine variety.

EASTER GREETING—Red; black blotch on each petal.

EDITH NORTH—Salmon pink, deeper shaded upper petals, dark brown blotches.

EMPRESS OF RUSSIA—Deep purple, white border. Very popular.

ETHELYN—Very good pansy type—color rich salmon rose.

GROSSMAMA FISCHER—Clear salmon—large ruffled flowers, dark blotched.

GARDENER'S JOY—White, brown blotches, large clusters, good foliage.

HAILLE SELLASSIE—Royal purple with darker purple blotches, flowers of medium size.

IDA HENLEY—Velvety maroon, margined rose.

KARMINKOENIGIN—Cerise or carmine red, dark blotches, compact dwarf type—large flowers ruffled.

MABEL—Red with dark eye, center white.

MAJESTA—Soft pale lavender—white center and markings.

MAY QUEEN—Orchid—Upper petals rich maroon, long stems, large blooms.

MARIE VOGEL—Red, shaded salmon, upper petals dark blotched. Large flowered—excellent variety.

MARIE ROBER—Very dark purple.

MRS. LAYAL—Pansy-type; color, white, dark purple, black, etc.

MRS. MARY BARD—Lovely White, mallow purple stripes.

HERB PLANTS, PERENNIAL

Orders for Herb Plants amounting to \$2.00 or more, are prepaid within the 4th zone. On lesser orders, add for postage as follows: 1 to 3 plants, 20c; 4 to 8 plants, 30c.

The following: 30c each; 3 for 75c; \$2.50 doz.:

CATNIP—Sweet medicinal herb.

MINT—For seasoning and flavoring.

PEPPERMINT—For seasoning and flavoring.

ROSEMARY—Leaves used for seasoning.

SAGE—Leaves used for seasoning; excellent bee food.

SAVORY, WINTER—Aromatic sweet herb; leaves used for seasoning.

SWEET MAJORAM—Leaves may be used either green or dried.

TARRAGON—Aromatic herb; leaves are used as seasoning.

THYME—For seasoning.

VIOLETS—*Viola odorata*

In sections where the summers are cool, violets flower best in sunny situations; in warmer sections, half-shade or protection from the noonday sun is beneficial.

MARIE LOUISE—The so-called Parma Violet. Has large double flowers that are rich mauve in color. A slight touch of white in the center. Each, 25c; 3 for 60c; doz., \$2.00.

OUR FRANCIS—Dark-eyed salmon.

RUTH McAFEE—Beautiful salmon—large flowers.

SANQUINEA—Red with dark eyes.

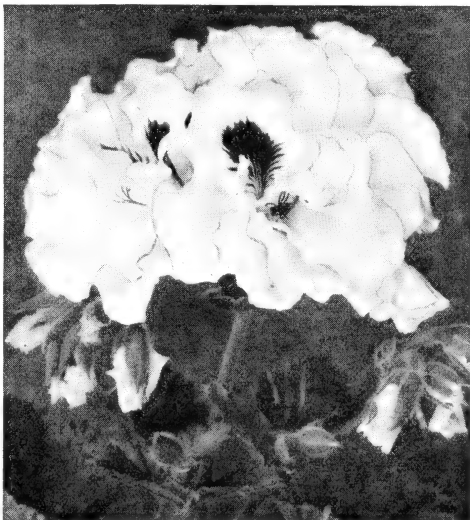
SALMON QUEEN—Salmon—white center.

SAN DIEGO—Mallow purple, ruffled, maroon spots.

SUE JARRETT—Salmon pink, distinctive markings.

VERA N. WATT—Delicate salmon-pink.

WURTEMBERGIA—Deep red, dark markings.



Pelargonium

Small Fruits

Mail Orders for \$2.00 and over for all items on this page are prepaid within the 3rd zone. On orders amounting to less than \$2.00 add 25c to cover cost of postage and packing.

BERRIES

Plant trellis varieties 6 to 8 feet apart each way. (Boysen 8 feet.) Provide a trellis 4 to 5 feet high. Vines may be left on the ground the first season and trellised any time after the canes are long enough. To make picking easy keep new growth cut off at the ground after the first season. When the crop is picked cut off all old wood, back to the ground, and later, train new growth on the trellis. In the spring, spray with a Dry Lime Sulphur solution. For best results, irrigate thoroughly at regular intervals (about once a week during fruiting season). Keep all berries well fertilized.

TRELLIS VARIETIES

BOYSENBERRY—This berry will be the pride of your garden. It is a very large, dark red berry, highly flavored and contains few seeds. Excellent for canning and for shipping. We consider it the best all purpose berry on the market today. Strong tip roots 25c each; 5 for \$1.00.

YOUNGBERRY—Large, luscious berries which are rich, sweet and juicy, yet firm and with but few seeds. It produces an abundance of fruit, is early and of excellent quality. Next to Boysen, this seems to be the best one in its class. Strong tip roots 25c each; 5 for \$1.00.

LOGANBERRY (Raspberry-Blackberry)—The fruit is often an inch and a quarter long, dark red, the shape of a blackberry, the color of a raspberry and the flavor of both. The vines are strong growers and the yield is exceedingly heavy. Strong tip roots, 25c each; 5 for \$1.00.

THORNLESS LOGANBERRY—A vigorous grower and very productive. 35c each, 3 for \$1.00.

MACATAWA—A bush blackberry for home garden or commercial use; requires no support after the first year, and succeeds under varied soil and adverse conditions. Bears a heavy crop of sweet, firm berries during June and July; and a lighter crop again in the fall. Plant 5 feet apart in rows 8 feet apart. 25c each; 5 for \$1.00.

RASPBERRIES

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then branch and grow stout enough to stand without staking.

LLOYD GEORGE—The largest red raspberry grown. The fruit is fine quality and is borne in large clusters. It contains few seeds. Each 25c.

SODUS—A new raspberry, which is very large and considered the most productive of any variety. Color is an attractive purple. 35c each, 3 for \$1.00.

MUNGER BLACK RASPBERRY—Large fine flavored berry with few seeds and always juicy. 25c each, 5 for \$1.00.

RANIERE (St. Regis)—The most popular everbearing red raspberry. It commences to bear a crop of large bright crimson berries of the finest quality in June and begins again in September and bears continuously until Christmas. Strong roots, 20c each; 6 for \$1.00.

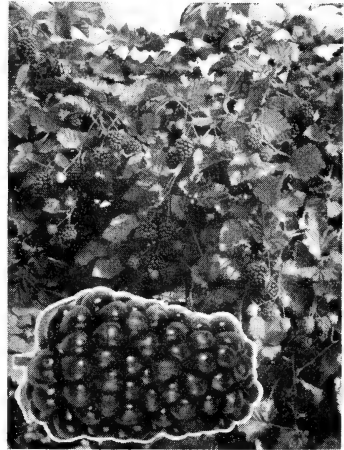
CUTHBERT—Deep red fruits of excellent quality. (20c each, 6 for \$1.00)

CURRENTS

2-year-old No. 1 plants, 35c each; 3 for \$1.00.

Plant Currants and Gooseberries in rows 5 to 6 feet apart and 2 to 3 feet apart in the row. Trim out the old wood as it begins to decline and shorten the young shoots in spring as may be desired.

CHERRY CURRANT—Very large, deep red.



Boysenberry

GRAPES

Standard No. 1 grade, 25c each; \$1.60 per 10.

BLACK CORNICHON—Large, elongated fruits. Ripens October.

RED MALAGA—Red. September. Suitable for arbors.

MUSCAT—Pale amber. August-September.

OLIVETTE BLANCH—Greenish amber, large and elongated. September.

RIBIER—Extra large, black handsome grape. August. September.

THOMPSON'S SEEDLESS—Yellow. August. Suitable for arbors.

The following: 25c each; \$2.00 per 10; 25 for \$3.00.

CONCORD—Black. August. Arbor variety.

ISABELLA REGIA—Bluish black, September. Arbor variety.

NIAGARA—Pale yellow. September. Arbor variety.

STRAWBERRIES

BANNER—One of the best and most popular strawberries. In mild climates it produces fruit from March to December. Our plants are the "Genuine Banner." Extra large, well rooted plants, 50c per dozen; \$3.50 per 100.

DORSETT—An origination of the U. S. Department of Agriculture which produces two good crops each season; the first in March or April, and the second during the summer. The fruit is a beautiful bright red color; sweet, firm, and of good texture. 50c per doz., \$3.50 per 100.

GEM (Everbearing Type)—A fine quality berry of medium size and good flavor. It produces over a long season. 50c per doz. \$3.50 per 100.

ROCKHILL—The new runnerless strawberry; probably the largest of the everbearing type and of fine flavor. Rockhill is also suggested for growing in jars or barrels. \$1.00 per doz., \$7.00 per 100.

GOOSEBERRIES

2-year-old No. 1 plants, 35c each; 3 for \$1.00.

CHAMPION—Berries large and brownish red; very sweet and fine for table use and pies. Strong grower; prolific bearer.

Hallawell's Deciduous Fruit Trees

PLEASE READ BEFORE ORDERING

MAIL ORDERS—Prices on fruit trees are f.o.b. San Francisco and shipment will be made by express at buyer's expense. Orders amounting to \$2.00 or more are packed free. Orders amounting to less than \$2.00 please send 25c additional to cover cost of packing.

GUARANTEE—The Hallawell Seed Company will exercise care to have all stock true to name; nevertheless, it is understood and agreed that should any stock prove untrue to name, the Hallawell Seed Company shall be liable only for the sum paid for the stock proving untrue, and shall not be liable for any greater amount.

PRICES—Large 4 to 6 ft. trees—75c each, \$7.00 for 10 except where otherwise priced.

APPLES

4 to 6 ft. 75c each, \$7.00 for 10.

ESOPUS-SPITZENBURG — Large, light red; rich, sprightly, vinous flavor. One of the best, November.

GRAVENSTEIN—A large, striped, beautiful, roundish apple; of excellent quality, juicy, highly flavored. August.

RED ASTRACHAN—Large, roundish, skin deep red; flesh white, juicy and crisp. June and July.

RED DELICIOUS—Dark red splashed with golden-yellow. Fine-grained and highly flavored. Ripe in November.

WINTER BANANA—Medium to large yellow, usually shaded crimson. Rich sub-acid flavor; begins bearing very young. October to December.

YELLOW BELLFLOWER—Very large, oblong; skin smooth and of pale lemon color; flesh firm but tender; juicy and sub-acid. November.

YELLOW DELICIOUS—A very fine yellow apple.

YELLOW NEWTON PIPPIN—Large; flesh yellow, firm, crisp, juicy. The best winter apple. December.

CRAB APPLES

75c each, \$7.00 for 10.

YELLOW SIBERIAN—Fruit is of large size; golden yellow and borne in clusters. An erect, free grower. Bears very young.

HYSLOP—Dark red fruits with yellow flesh growing in clusters.

ALMONDS

75c each, \$7.00 for 10.

Two or more varieties should be planted together to insure pollination.

DRAKE—Spreading habit, very productive and a good pollinizer. Nut medium size, medium soft shell.

NONPAREIL—An extraordinarily heavy and regular bearer with very thin shell.

TEXAS PROLIFIC—A good pollinizer and produces a large crop of nuts regularly.

APRICOTS

75c each, \$7.00 for 10.

BLENHEIM—An excellent variety and in great demand. The trees are early and regular bearers 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, rich and juicy. August.

ROYAL—A very fine apricot. Of medium size, yellow with red cheek; immensely productive; ripening June.

TILTON—A fine flavored apricot, and a leading commercial variety in inland valley districts. Very late.

CHERRIES

75c each, \$7.00 for 10.

BING—Fruit large, dark brown or black; very fine. June.

BLACK TARTARIAN—Very large, brick black. Late June.

ROYAL ANN (Napoleon Bigarreau)—Very large, amber in color. The favorite white cherry. Late June.

FIGS

75c each, \$7.00 for 10.

KADOTA—Fruiti medium size, light green skin, well flavored and sweet. In the ripening stage it exudes a drop of sap, which prevents ants entering the fruit.

MISSION OR CALIFORNIA BLACK—Leading black variety for shipping or drying. Makes a large tree and bears heavily.

MULBERRY

Price, 3 to 4 feet, \$1.50 each; 10 or more, \$1.40 each.

PERSIAN—Tree of rather slow growth, but bears young and produces the largest and finest fruit of all mulberries. The fruit is black, one to one and a half inches long with a fine flavor. Commences to ripen in early summer and bears continually until late fall.

MEDLAR

\$1.25 each

An apple shaped pome; very tasty when fully ripe.

NECTARINES

75c each, \$7.00 for 10.

BOSTON—Large, deep yellow, with a bright blush and mottlings of red. The sweet yellow flesh has a pleasant flavor. Late July.

QUETTA—Very large, beautiful, highly colored fruit. Firm and good flavor.

OLIVE

Used largely for ornamental purposes. \$1.50 to \$4.50 according to size.

PEACHES

75c each, \$7.00 for 10.

ALEXANDER—Generally known as the Early Strawberry Peach; partial freestone. Medium size, skin greenish white nearly covered with rich red; flesh white, very juicy, sweet. Early June.

BABCOCK—Medium sized; highly colored fruits; white flesh; freestone. Early June.

ELBERTA—Freestone. Very large, bright yellow with a beautiful red mottled cheek; flesh yellow, juicy and sweet; regular bearer. End of July.

EARLY CRAWFORD—Freestone. Very large; color yellow, red cheek; flesh yellow, rich, excellent. Very productive. Middle of July.

GUAME—Cling. A good canning variety. Large, with clear yellow flesh and small pit. Late August.

J. H. HALE—Large yellow freestone. Highly colored, almost fuzzless. Flesh tender but firm. August.

KRUMMEL—A very fine yellow freestone ripening in October when all other peaches are gone.

STRAWBERRY—Freestone. Medium sized, red-cheeked fruits; fine flavored and juicy. July.

PEARS

75c each, \$7.00 for 10.

- BARTLETT**—A vigorous and strong grower. Bears heavily; good for shipping and canning. August.
- BEURRE HARDY**—Large, symmetrical and attractive fruit; well flavored. August, September.
- DOYENNE DU COMICE**—Large greenish-yellow shaded with crimson. October.
- WINTER NELIS**—Medium size, roundish, yellowish green, dotted with russet. Fine flavor. November to January.

PERSIMMON

- HACHIYA**—Fruit very large, oblong and pointed; skin bright red and flesh deep yellow, 4 to 6 feet, \$1.50 each.
- FUYU**—Large fruits which may be eaten while solid. Trees bear 2nd year and are very productive. 4 to 6 feet. \$1.50 each.

POMEGRANATES

75c each, \$7.00 for 10.

- WONDERFUL**—The best variety. Pomegranates are more likely to set and mature fruit in districts having high temperatures during the summer and fall.

PLUMS

75c each, \$7.00 for 10.

- CLIMAX**—Very large, heart shaped; skin thick, firm, deep vermilion-red; flesh yellow and very rich. July.
- GREEN GAGE**—Small, round fruits of the finest quality; greenish yellow, with brown dots; juicy and sweet. August.
- SANTA ROSA**—Deep purplish crimson, very large and extremely early. Middle of June.
- SATSUMA**—Large; blood-red flesh; of fine flavor.
- YELLOW EGG**—Very large, egg-shaped. The yellow flesh is juicy and sweet when ripe. August.
- WICKSON**—Large and heart-shaped; color is yellow, turning carmine-red as it ripens. August.

QUINCES

75c each, \$7.00 for 10.

- PINEAPPLE**—Very fine flavor. Large.

PRUNES

75c each, \$7.00 for 10.

- COATES 1418**—Fruits are uniformly large and of excellent quality fresh from tree or dried.
- SUGAR**—Very large. Ripens early in August. Skin light purple, tinted with green, changing at maturity to dark purple, covered with a thick white bloom. Early August.

WALNUTS

- 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, \$1.50 each.
- PAYNE'S SEEDLING**—A large shapely nut; kernel very meaty and rich in flavor. Bears regularly and heavily. Grafted on California Black Walnut root. 4 to 6 feet, \$1.50 each.

ARTICHOKES

- Large root divisions ready January to March. 35c each; 50c each packed and postpaid.

RHUBARB

- CHERRY GIANT**—The most popular rhubarb grown today. It is less acid and more highly flavored than other sorts. The bright cherry-red stems are very large and so tender they do not require peeling when cooked. Four plants well cared for will supply sufficient rhubarb for the average family. It does not come true from seed. Plant 4 feet apart. Strong rooted divisions; 25c each.

CITRUS FRUITS**KUMQUAT**

- A semi-dwarf tree, bearing most of the year small golden-orange, olive-shaped fruits—excellent for marmalade. The trees grow about 8 feet high and are hardy almost anywhere in California. Each \$3.50.

LEMONS

- EUREKA**—Tree nearly thornless, of rapid growth, and prolific bearer, fruit of the best quality. A general favorite.

Balled $\frac{5}{8}$ " caliper, \$3.00 each.

- MEYER DWARF**—While this lemon is used mainly for ornamental purposes, the fruits are edible and may be used the same as commercial lemons. Also the Meyer is more hardy and may be grown more successfully where it is too cold for others. The bushy shrub-like trees have flowers and fruit most of the year. Plants in gallon containers \$1.50 each. Larger size \$3.50.

LIMES

- BEARSS SEEDLESS**—Very large, very juicy with pronounced acidity. Hardy and enormously productive.

Balled $\frac{5}{8}$ " caliper, \$3.00 each.

- RANGPUR**—The hardest of the limes; will stand about the same temperature as lemons. Skin is orange-red and the deep orange flesh is acid and of good quality. Dwarf. Each \$3.50.

ORANGESBalled $\frac{5}{8}$ " caliper, \$3.00 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.

- VALENCIA LATE**—A vigorous growth, making a handsome tree, early in bearing and very prolific; fruit medium sized, skin thin, light color; flesh deep rich color, fine grained and very juicy. May and June.

POMELOS

(Grape Fruit)

Balled 4 to 5 feet $\frac{3}{4}$ " caliper, \$3.00 each.

- MARSH'S SEEDLESS**—Medium, practically seedless, skin thin and smooth; pulp juicy.

ESPALIER FRUIT TREES

- Three-year-old horizontal cordons (T shapes) for fences or walls. They have two series of branches. Available in the following varieties at \$6.50 each: **Allington Pepping Apple**, **Spitzenburg Apple**, **Bartlett Pear**, **Tongren Pear**, **Satsuma Plum**, **Blenheim Apricot**, and **Vermont Peach**.

ASPARAGUS

Extra Selected Roots

- MARY WASHINGTON**—Large dark green shoots with purple tips, 50c per doz., \$3.50 per 100.

- PARADISE**—A new variety, widely heralded as an unusually heavy producer of finer flavored Asparagus. 50c per doz., \$3.50 per 100.

- Note—If interested in purchasing roots by the thousands for acreage planting, please write for prices.

HORSERADISH

- January to May delivery. Roots: 50c per doz.; \$3.50 per 100.

CHIVES

- The leaves may be cut and used for seasoning as needed. The flower-heads are ornamental when permitted to develop. Clumps, 2 for 25c; \$1.35 per dozen.

INSECTICIDES AND FUNGICIDES

Mail Orders—Include postage in your remittance if insecticides are to be sent by parcel post.

ACME ANT-KILL



The safety cups will not tip over when anchoring device is in place. Safe around children and pets. The syrup attracts the worker ants which carry it to the nest, destroying the entire colony.

JUNIOR SET. 2 oz. bottle syrup, 2 safety cups 35c
COTTAGE SET. 2 oz. bottle syrup, 5 safety cups 65c
4 oz. bottle syrup 20c
Pint bottle syrup 50c
Quart bottle syrup 90c
Safety cups, 15 each; \$1.20 dozen.

ANTROL ANT SYRUP



Kills ants in their nest! A scientific method which is reliable, economical, permanent, and safe. Place the glass containers at intervals around the house and in the garden. Wash the containers frequently, using only a small amount of syrup at each refilling. Prices and shipping weights: 4 oz. bottle 20c, pint 50c, (2½ lbs.); quart, 90c (4½ lbs.); gallon, \$2.75 (12 lbs.). Postage extra.

ANTROL ANT SET



This is a sample set to become acquainted with the merits of Antrol Ant Control. The set consists of 4 special rough glass containers with ladder and a four-ounce bottle of Antrol Syrup for the control of both the Argentine ant and

the grease ant. Weight 2 lbs. 60c each. Postage extra.

ANTROL SYRUP CONTAINERS

Extra containers, same as supplied in the set above. 10c each.

ARSENATE OF LEAD



Controls leaf eating insects such as worms, pear slugs; also codling moth, the cause of wormy apples. Use 2 to 3 tablespoonfuls to a gallon of water as a liquid, or with 5 parts of lime as a dust. 1 lb. 35c; 4 lb. bag, 75c.

ACME BAIT-M



A high grade prepared insecticide bait control for snails, slugs, cutworms, and grasshoppers. Scatter on the ground around the plants to be protected. Do not apply on the plants.

1 lb., 25c; 2½ lbs., 50c; 10 lbs., \$1.75.

AVALANCHE RODENT DESTROYER

A gas bomb for the destruction of gophers, moles, and other underground rodents. Burns a long time and produces much gas. Very effective. Dozen \$1.00. Postage extra.

BLACK LEAF 40

A concentrated nicotine solution for the control of aphid and thrip. 1 oz. 36c; 5 oz. \$1.05; 1 lb. \$2.50; 2 lbs. \$3.70; 5 lbs. \$6.90; 10 lbs. \$11.65.

BUG-GETA

Pellets, compressed snail and slug bait. 2 lbs. 50c, 5 lbs. \$1.00, 25 lbs. \$3.60.

BORDEAUX MIXTURE



Used as a preventative of blight, pear scab, and other fungus diseases. Does not burn foliage. 1 lb. 35c; 4 lb. bag, 60c.



BORER-SOL

A fine borer control. An ether non-oil emulsion for the elimination of borers from trees or shrubs. It effects its purpose without injury to the plant or soil. 4 oz. 30c; 8 oz. 45c; pint, 75c; quart, \$1.25; gallon, \$3.50.

CALSUL EMULSION



Combines lime and sulphur with oil to form a perfectly blended stable emulsion. Can be used at any time of the year for the control of scale, red spider, mite, curly leaf, blight, and other fungus diseases of trees and shrubs. One gallon makes 50

gallons of spray. Quart, 65c; gallon, \$1.75; 5 gals., \$5.00.

CARBON BISULPHIDE

(Unmarketable). 1 lb., 40c; 10 lbs., \$2.50. Packing for shipment, 25c.

CRYPTOX No. 50

A spray for apple trees, to prevent codling moth (worm). Does not burn foliage. Also recommended for control of green ladybugs and other chewing insects.

12 oz. 35c, 5 lbs. \$1.00, 10 lbs. \$1.75.

CYANOGAS A-DUST



Kills gophers, moles, and other rodents instantly. 1 lb. 75c; 5 lb. can, \$2.50. (Unmarketable.)

CYANOGAS G-FUMIGANT



Most widely used greenhouse insecticide. Regular use insures insect-free houses all season. 5 lbs. \$3.00. (Unmarketable.)

DESTRUXOL



A contact and fumigant spray for the control of aphid, mealy bug, red spider, thrip, and white fly. A highly concentrated but safe insecticide. 1 oz. 35c; 4 oz. \$1.00; 8 oz. \$1.65; pint, \$2.40; quart, \$4.25.

DOG REPELLANTS

CHAPERONE POWDER—Makes dogs behave, keeps them off rugs and furniture. Price, \$1.00.

ACME DAWG-GONE



Remove a cap and hang a tube of Dog-Gone in the lower branches of shrubs at points of approach.

Remove cap to release odor. Last six weeks or more and keeps dogs away. Tubes 25c each. Postage extra.

EMO-NIK



Is free flowing, and the addition of free nicotine results in a very effective control of aphids, mealy bug, scale, red spider, thrip and white fly. 4½ oz. 35c; pint, 65c; quart, 95c; gallon, \$2.50; 5 gals., \$9.25.

EVERGREEN

An effective PYRETHRUM spray for the control of aphid and other sucking insects, as well as many chewing insects. 1 oz. 35c. 6 oz. \$1.00. MISCELLANEOUS garden supplies.

FUNGUSOL EMULSION



Contains oils, ether, copper, and free nicotine. This combination makes it effective in the control of aphid and other sucking insects, and at the same time controls such fungus diseases as mildew, rust, rot, and blight. 4 oz. 45c, 8 oz. 85c, pint \$1.00, quart \$1.75, gallon \$4.50.

INSECTICIDES AND FUNGICIDES

Mail Orders—Include postage if order is to be sent by parcel post.

GARDEN GUARD



A non-poisonous ROTENONE product effective against both chewing and sucking insects. May safely be used in the vegetable garden. 1 lb. sifter-top can, 35c.

LIME SULPHUR, DRY



For dormant spraying of fruit trees and all deciduous trees, shrubs, and roses. Effective against scale, peach blight, leaf curl, and twig borer. Two plentiful applications during

the winter are recommended. 1 lb. 40c; 5 lb. can, \$1.50; 12½ lb. bag, \$2.00 (commercial size).

ROSE SPRAY



A C M E SCIENTIFIC ROSE SPRAY combines 3 elements (packed separately), for the control of chewing and sucking insects, as well as fungus diseases such as mildew and black spot. For 3 gals. of spray material, 95c; 6 gal. size, \$1.50; 24 gal. size, \$4.00. (Shipping weights, 3 lbs.; 5 lbs.; and 10 lbs., respectively.)



GOPHER SCENT

Poisoned grains, scented. Attracts and destroys Gophers and Squirrels. Small size, 35c; large size, 50c; 60c postpaid.

MOLE KILLER

Old Trapper—To rid your grounds of moles and gophers. Reports indicate it is very effective. 50c. Postage and packing 5c extra.

SEMESAN

A mercuric disinfectant for the control of diseases of seeds, bulbs, roots and tubers, and damping-off fungus. For treating brown patch in lawns, drench the areas with a solution of 1 tablespoonful to 1 gallon of water, or one pound to 48 gallons. 2 oz. 40c; 1 lb. \$2.50.

KOPPERSOL



A straight fungicide for the control of mildew, rust, and blight in the flower or vegetable garden. Also controls fungus attacks on fruits, and brown patch and spot in lawns. 8 oz. 60c; pint, 85c; quart, \$1.40; ½ gal. \$2.00; gallon, \$3.50.

NICO-FUME PAPER

A nicotine saturated paper. Suspended from the greenhouse bench and light lower end. A sheet treats 2000 cubic feet. Can of 24 sheets, \$1.50; 144 sheets, \$5.00, postage extra.

PARIS GREEN



Used in preparing poison baits for the control of grasshoppers, cutworms, and sowbugs. Powerful and quick acting. Lb. 60c; 5 lbs. \$2.50.

SNAROL



Contains Metaldehyde. More effective than ever in the control of snails and slugs. Easy to apply—just place small piles a few feet apart in the garden, and the pests are attracted to it and destroyed.

NEW SNAROL is not injurious to animals or vegetation when used according to simple directions. 1 lb. 25c; 2½ lbs. 50c; 6 lb. \$1.00; 10 lbs. \$1.50; 50 lbs. \$5.50.

KOPPER KING



Fungicide used for the same purposes as Bordeaux Mixture. A basic copper sulphate, much stronger than Bordeaux, but can be used without danger of burning foliage. 1 lb. 40c; 4 lb. bag, 90c.

PREMEER POWDER



A powder combining pyrethrins, lactic acid, and other materials, for the control of chewing insects. May be used with other diluted spray materials to provide control of chewing and sucking insects, and fungus

diseases in one spraying. 3¼ oz. 40c; 1 lb. bag, \$1.00.

SOWBUG CUTWORM CONTROL



It is a dry meal to be scattered around infested areas, preferably under shingles or any other light boards. Do not water the area for about 24 hours. 8 oz. 25c; 2½ lbs. \$1.00.

KOPPER QUEEN



A copper solution for the control of mildew and other fungus. May be combined with Emo-Nik in the same solution to control aphids, mealy bug, and scale, as well as fungus. 8 oz. 35c; pint, 50c; quart, 99c; gallon, \$2.25.

PYRETOXIDE DUST No. 15



For the control of certain chewing and sucking insects on vegetables and fruits. Also controls and prevents powdery mildew. Most effective when applied during the heat of the day.

2 lb. pkg. 50c, 5 lb. pkg. \$1.15. Postage extra if wanted by mail.

SUPER DESTRIXOL



A stable emulsion combining high grade vegetable and mineral oils with free nicotine. Controls aphids, scale, and other sucking insects, and with the addition of Premeer Powder to the solution, caterpillars and beetles will also be controlled. 8 oz. 50c; quart, \$1.25; gallon, \$2.75; 5 gal., \$9.50.

KOPPER SHIELD



Pruning paint contains copper sulphate. Protects the wound from the elements after pruning operations, and prevents the entrance of fungus diseases. 8 oz. 30c; pint, 45c, quart, 75c; gallon, \$2.35.

LAWN-A-GEN



A product combining various ethers and water-soluble metallic copper. Effective in the control of lawn grub worms and other soil pests. Its copper content also guards against fungus diseases which frequently follow insect damage. One pint treats 300 square feet; follow directions carefully. 4 oz. 60c; 8 oz. \$1.00; pint, \$1.60; quart, \$2.50; ½ gal., \$4.25; gallon, \$7.00.

RAT SCENT



Specially prepared grains, scented to attract and destroy rats. Small size, 35c; large size, 50c; 60c postpaid.

DESTRUXOL SOW BUG AND CUTWORM BAIT



They like this Bait—it attracts them. Effective for outdoor or greenhouse use. Package is equipped with a pouring device. 8 oz. 30c, 1 lb. 55c, 2½ lbs. \$1.10.

ACME STOP



\$3.00; 10 lbs. \$5.00; 25 lbs. \$10.00.

WINDOW BOXES



No. 1 clear ¾-inch redwood, unpainted. Hand-made, well constructed. 2 feet, \$1.50; 3 feet, \$1.85; 4 feet, \$2.35.

POT BRACKET



HALLAWELL'S EXTRA HEAVY—For hanging fuchsias and other plants in wire baskets on earthenware containers. Complete with screws. Each, 45c; 5 for \$2.00.

SULPHUR, DUSTING



An improved, finely powdered sulphur for convenient use in controlling mildew, leaf spot, black spot, rust, and red spider. 2 lb. sifter top can, 30c; 5 lb. bag, 60c.

WEED KILLER



A quick acting arsenical weed killer for destroying weeds and all plant life on driveways, tennis courts, etc. Creates a sterile soil condition for a long period. Pint, 35c; quart, 55c; gallon, \$1.60; 5 gallons, \$6.00. (Unavailable)

POT HANGERS



HALLAWELL'S FIRM GRIP—For two sizes of pots. One for 4-inch and 5-inch, one for 6-, 7- and 8-inch pots. Specify pot sizes when ordering. Each, 20c; 2 for 35c; 6 for 90c; doz., \$1.75. Postage and packaging, 25c extra, on orders for one dozen or less.

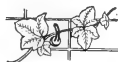
VOLCK, GARDEN

A combination spray containing Volck, nicotine, and soap, for the control of aphids, mealy bug, scale, red spider, and white fly. 4 oz. 35c; pint, 85c; ¼ gal., \$2.50.

LIQUID WHALE OIL SOAP

For use as a spreader in various spray solutions. 6 oz. 25c; pint, 35c; quart, 50c; ½ gal. 90c; gallon, \$1.50.

VINE GUIDES



For training and supporting vines, espalier trees, etc., on stucco, stone or cement walls without defacing. Box of 25, including cement, \$1.00. By mail—add 10c for postage and packing.

GREEN GARDEN TWINE

For sweet peas and other climbing plants. Ball 15c.

SOIL SCREEN



Strong box frame 15 x 20 inches with reinforced, removable screen. Complete with one screen, \$2.50. Extra screens in sizes ¾, ¼ and ⅜, \$1.00 each.

TRANS PLANT BANDS

PLANT BANDS PREVENT LOSS OR CHECK IN GROWTH

Start your seedlings the usual way in flats or pots and when they are ready to be pricked off, put them in PLANT BANDS, which have been previously arranged in flats (see illustration). These plants may then be transplanted to the garden at the time and stage of growth desired, without any loss of plants or check in growth.



The smaller size is just right for annual bedding plants. They may be placed in flats as shown, and filled with soil. Or you may use them as you would clay pots, providing the potting soil is mellow-moist.

Large seeds such as sweet peas, nasturtiums, etc., may be seeded directly into PLANT BANDS. Vegetable growers are using bands for tomatoes, melons, peppers, etc. The possibilities are unlimited. If you have not used PLANT BANDS, give them a trial. You will find many uses for them.

Prices of PLANT BANDS

Prices are f.o.b. San Francisco. Please specify method of shipment desired. Rail freight or motor freight are the cheapest.

Shipments weighing less than 50 lbs. may be sent by express collect.

Please include postage if they are to be sent by parcel post.

500 and 1000 lots are shipped in Original Cases. This is the most economical way to buy them:

Band sizes	per 100	per 250	per 500	per 1000	Wt. per
1¾ x 1¾ x 2½	\$.60	\$1.25	\$2.05	\$3.95	1000
2 x 2 x 3	.70	1.40	2.30	4.40	25 lbs.
2½ x 2½ x 3	.75	1.50	2.40	4.50	34 lbs.
3 x 3 x 3	.90	1.80	2.75	5.85	38 lbs.
3 x 3 x 4	1.00	2.00	3.50	6.75	45 lbs.
3 x 3 x 6	1.20	2.50	4.65	9.00	70 lbs.
4 x 4 x 3	.95	1.75	3.25	6.25	45 lbs.
4 x 4 x 4	1.00	2.15	4.00	7.50	58 lbs.
4 x 4 x 6	1.50	3.00	5.50	10.50	90 lbs.
6 x 6 x 6	2.25	4.50	8.65	16.75	100 lbs.
6 x 6 x 9	3.60	7.25	14.00	27.50	250 lbs.

Bands with Bottoms

4 x 4 x 4	1.50	2.90	5.50	10.75	70 lbs.
4 x 4 x 6	2.00	4.35	8.50	16.00	100 lbs.
6 x 6 x 4	2.50	5.75	11.00	21.50	160 lbs.
6 x 6 x 6	3.50	7.40	14.50	28.50	180 lbs.
6 x 6 x 9	5.75	11.50	22.00	42.00	360 lbs.

SPRAYERS

Prices F.O.B. San Francisco except where stated, and subject to change without notice. Packing free.

Hand Sprayers



BROWN'S CONTINUOUS NO. 335—New Dome Top style with brass valve, and copper tank. Large, threaded tank opening; capacity one quart. \$2.25 each; \$2.35



BROWN'S CONTINUOUS NO. 26BG—Tin pump with brass cone and jar cap, and glass reservoir. \$1.45 each; \$1.60 postpaid within 4th zone.

BROWN'S NO. 14—Dome top mist sprayer. Wide mouth tank; capacity one quart. Sturdily constructed of tin. 50c each; 65c postpaid within 4th zone.

BROWN'S DU-SPRAY—A pint size continuous sprayer for household purposes. Tin tank, lithographed tin pump, and brass valve and pump-head. 85c each; 95c postpaid within 4th zone.

Brown's Open-Hed Sprayers



A strong, compressed air sprayer with a double-acting pump lock which is easily and safely locked or unlocked. Tank opening is 5 inches in diameter and the inside can easily be wiped to lengthen life of sprayer. The tank is constructed to withstand a pressure of 100 pounds. The rubber double grip pump handle permits both hands being used for pumping.

Brass Tank

No. 3B OPEN-HED—Brass tank; 3 gallons capacity; \$11.00 each; \$11.40 postpaid within 4th zone.

No. 4B OPEN-HED—Brass tank; 4 gallons capacity; \$13.95 each; \$14.35 postpaid within 4th zone.

Galvanized Tank

No. 3D OPEN-HED—Non-corrosive galvanized tank of 3 gallons capacity; \$7.45 each; \$7.75 postpaid within 4th zone.

No. 4D OPEN-HED—Non-corrosive galvanized tank of 4 gallons capacity; \$8.95 each; \$9.35 postpaid within 4th zone.

Gat Spray

You'll like this fertilizing gadget. Fill ordinary jar with fertilizer and attach to the hose. Insures even distribution. \$1.10 each. Packing and postage 10c.

Rodent Destroyers

TRAPS

GOPHER TRAP MACABEE—30c each.

"REDDICK" MOLE TRAP—\$1.50 each. (\$1.65 postpaid.)

Miscellaneous Supplies

GRAFTING WAX—In bricks, black, ¼ lb., 25c; ½ lb., 40c; lb., 70c; 5 lbs., \$2.50; postage extra.

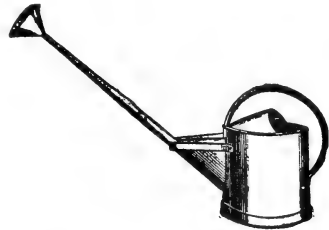
MOSS, SELECT SPHAGNUM—Lb., 30c; 10-lb. sacks, \$2.50; postage extra. Special prices for larger lots.

MOSS, GREEN—Lb., 30c; 10-lb. sack, \$2.00; postage extra.

NAPHTHALENE FLAKES—For treatment of Gladiolus prior to planting. Also discourages soil insects and rodents when stirred lightly into the soil. 1½ lbs., 30c; 5 lbs., 75c. Postage extra.

ORCHID PEAT—Lb., 60c; sack, \$4.50.

RAFFIA—Used by nurserymen and home gardeners for tying. Natural color. 75c per lb.; \$6.00 per 10 lbs.; postage extra.



Watering Pots

WOTHERSPOON LONG SPOUT—Oval, galvanized iron with two brass roses, one fine and one coarse with each pot. 8-quart, \$9.40; 10-quart, \$10.30. (Add 25c for postage within 3rd zone.) Extra rose: Fine or coarse, \$1.00 each.

TWIST-EMS, the new, quick, neat permanent plant ties, save the tedious work of tying plants with twine or raffia and cutting each piece with a knife or shears. Just a simple twist of the wrist and the plant is tied—correctly, permanently supported. The wire running through the center of **TWIST-EMS** does not permit them to break or come loose. Deep green in color, strong, "invisible," **TWIST-EMS** blend in perfectly with plantings and thus enhance the appearance of a garden. Grand for flower arrangement.



Each box is designed so that it may be conveniently carried in the pocket of the gardener yet enable him to easily reach the tapes without opening the package.

Package containing 250 4-inch size 25c
 Package containing 125 8-inch size 25c
 Package containing 125 16-inch size 50c

Postage extra.

GARDEN SUPPLIES

Pruning Shears — Grass Shears — Hedge Shears



Wiss Hy-Power
PRUNING SHEARS

If wanted by mail add 10c for postage and packing.

WISS HY-POWER—No. 908, 8-inch, \$2.50.
WISS HY-POWER—No. 906, 6-inch; ladies. \$2.15.



WISS No. 309—California pattern, \$3.75.
WISS No. 609—California pattern, \$1.35.
WISS No. 59—California pattern, \$1.45.
WISS No. 79—California pattern, \$2.75.



Shear, FH2

Shear, FH2

WISS No. FH2—A splendid nickel plated flower cutting shear which holds the severed stem; light in weight. \$1.95.



FLOWER CUTTING AND TRIMMING SHEARS

If wanted by mail add 10c for postage and packing.

WISS No. 607—A fine small shear, suitable for ladies' use in cutting flowers and light pruning. Nickel plated; 7 inches long. \$2.25.

WISS No. 607—Lacquer, \$1.65.

WISS No. C4A—For flower cutting and light trimming of grape vines and other plants. Available with either straight or curved blades. \$1.70.

Pruning Saws

If wanted by mail add 15c for postage and packing.

Swedish Alloy Steel, the perfect saw.
Imported from Sweden.

S-1—14-inch blade, 12-inch handle.....\$2.00
S-2—14-inch blade, 24-inch handle..... 2.35
S-156B—12-inch blade, folding handle..... 2.00
S-143B—10-inch blade, folding handle..... 2.00

Trowels, Hand Tools, Weeder

(Postpaid within 3rd zone)

TROWEL, TRUE TEMPER (Maynard Pattern) — The standard gardener's trowel. \$1.25.

HAND FORK, TRUE TEMPER—3 tine, 75c.



GRASS SHEARS

If wanted by mail add 10c for postage and packing.

WISS No. 5600—Rubber-covered handles. \$1.95.
WISS No. 701—Clipper grass shear. \$1.50.
WISS No. 800—Quick trim grass shear. 89c.



HEDGE SHEARS

If wanted by mail add 15c for postage and packing.

WISS HEDGE SHEAR—With scalloped blade; (A) 8½-inch. \$3.25.

WISS HEDGE SHEAR—With notched blade; (J) 8½-inch. \$1.95.

WISS 8½B—Notched blade, \$2.50

WISS 6½B—Serrated blade, \$1.95.

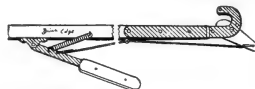


LOPPING SHEARS

WISS No. FB—19-inch handle, tree pruner. \$3.25.

WISS No. 321—21-inch handle, tree pruner. \$4.85.

WISS No. 221—21-inch handle. \$4.85.



Long Tree Pruners

(Not prepaid)

TRUE TEMPER (Waters Pattern)—8-foot, \$2.50; 10-foot, \$2.75.

EXTRA PARTS—Blades, 30c each; springs, 15c each.

TREE SAW—For attachment to any of the above pruners. 12-inch blade, \$1.25 each.

Pruning Paint

Kopper Shield—For use after pruning. It seals the wound, and prevents fungus or decay. Contains copper sulphate which serves as a disinfectant. 8 oz. can 30c; pint 45c; quart 75c; gallon \$2.35.

GARDEN SUPPLIES

Prices are f. o. b. San Francisco, EXCEPT where stated, and are subject to change without notice. Shipment of heavier items will be made by the most economical method with shipping charges to be collected at destination.

"Postpaid" means that postage on lighter weight items will be paid by us to points within the 3rd zone (300 miles from San Francisco).

Garden Stakes

Redwood Garden Stakes, square,

3 feet long, dozen	\$.75; 100	\$ 5.75
4 feet long, dozen	1.00; 100	7.50
5 feet long, dozen	1.25; 100	9.50
6 feet long, dozen	1.50; 100	11.25

Soil Testing Kit

(Sudbury's)

A practical kit which will enable you to know the plant food requirements of the soil in your garden. Tests for nitrogen, phosphoric acid, potash, and acidity.

HOME GARDENER'S KIT. Enough for a total of 20 tests, \$2.00 each (\$2.10 postpaid).

CLUB MODEL. Makes 12 tests of each (48 tests), \$4.75 each (\$4.90 postpaid).

Garden Gloves



Made from soft and select hides.

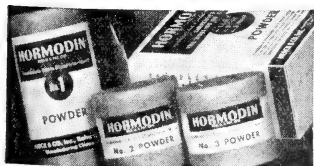
Semi-styled in design and used for both work and play—GARDENING, HOUSEHOLD, DRIVING, etc. Give

full protection with utmost comfort and finger freedom. Also soften the hands. Washable. Ladies' sizes only (small, medium, large). Price, \$1.00 a pair.

HOOP PLANT SUPPORTS

Just the thing to support carnations, stocks, snapdragons, etc., galvanized wire frame 24 inches high with 3 hoops or rings. May also be used in pots. 30c each, \$3.25 per dozen.

HORMODIN POWDERS



Stimulates rapid root growth on cuttings.

POWDER No. 1 — A general purpose powder especially good for carnations, chrysanthe-mums, and sim-ilar types. 1% oz. tin, 50c.

POWDER No.

2—For woody and semi-woody types. 1% oz. tin, 75c.
COMBINATION PACKAGE—No. 1, No. 2 and No. 3 in the same carton, 75c.

Water Wand



Waterwand enables you to put water just where it is needed—in the soil around the plants, without tramp-ling, or wetting the foli-age of plants susceptible to mil-dew. Scientific construction diffuses yet delivers the full flow of water without squir-tling or misting. Long handle permits watering from path-ways; no soiled clothing or wet feet. \$2.50 each. Postage extra.

Labels

(Postpaid within the third zone)

Shipping weight of wooden labels averages 4 lbs. per 1000.

	100	500	1000
Wooden, Painted	1.00	5.00	10.00
3 1/2 -inch copper wire	\$0.45	1.75	\$3.00
4 -inch Pot Labels	.40	1.45	2.50
5 -inch Pot Labels	.45	1.75	3.00
6 -inch Pot Labels	.50	2.00	3.50
8 -inch Garden Labels	.85	3.85	7.00
10 -inch Garden Labels	1.10	4.85	9.00
12 -inch Garden Labels	1.45	6.75	12.50

CELEX GARDEN LABELS—Of white weatherproof cel-luloid composition, copper-wired; 1/2 inch by 3 inches. Doz. 25c; gross (144 labels), \$2.75 postpaid.

COPPER LABELS—Wired for trees, 3/4 inch; marking is done with a stylus, furnished free with each hun-dred while they last. Per dozen, 25c; per 100, \$1.75. (\$1.85 postpaid).

PERMA-LABEL—Made of durable dull finish metal which holds pencil marking well in all weather. A long thin strip permits fastening to plants easily. 65c per 100; \$5.75 per 1000, postpaid.

PERMA X INK—For making a permanent impression on the above labels; use a plated stub pen. 1/2 oz. bot-tle, 50c; 55c postpaid.

SIMPLEX WEATHERPROOF PLANT LA-BELS—Celluloid, copper wired; writing is protected by a transparent cover, will last in-definitely if done with lead pencil.

No. 1, 3 x 1/2 in. 50c per doz.; \$3.00 per 100, postpaid.

No. 2, 4 x 3/4 in. 75c per doz.; \$5.00 per 100, postpaid.

No. 3, 5 x 1 in. \$1.00 per doz.; \$7.00 per 100, postpaid.

SIMPLEX CELLULOID POT LABELS
No. 21, 4 x 5/8 in. 35c per doz.; \$2.00 per 100, postpaid.

No. 22, 5 x 3/4 in. 50c per doz.; \$3.00 per 100, postpaid.

SIMPLEX GREEN WATERPROOF ROCK GARDEN LABELS—These Labels are de-signed especially for use in Rock Gardens. The dark green color renders the label itself in-conspicuous among small or low grow-ing plants, but the white lettering is very clear and easy to read; marking is done with a stylus, furnished free with each hundred.
No. 51, 4 x 5/8 in. 50c per doz.; \$3.00 per 100, postpaid.



FERTILIZERS AND SOIL BUILDERS

F. O. B. San Francisco. All subject to Government regulations.

See parcel post rates on page one for postage on small quantities.

SPECIAL PURPOSE MIXTURES

The following formula mixtures fill the plant food requirements of the average garden. They are made up of the better concentrates, combined with natural manures; the latter serving as a carrier, and at the same time supplying natural humus value.

ACID PLANT FOOD—For azaleas, rhododendrons, and other acid-loving plants.

BULB FOOD—Aids in promoting vigorous growth, and long flower stems.

ROSE FOOD—Well balanced to supply the needs of the rose garden.

SWEET PEA FOOD—Promotes sturdy vinegrowth and long stemmed flowers.

Each of the above: (2½ lbs., 30c) (10 lbs., 75c)
(25 lbs., \$1.50)

COMPLETE PLANT FOOD—Balanced to produce immediate effect as well as sustained nourishment. For lawns, window gardens, house plants, and general garden feeding. (2½ lbs., 25c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.50)

CONCENTRATES

Postage extra if wanted by parcel post

The following concentrated or "simple" fertilizers are used in making up mixtures, or for special purposes by the more experienced gardeners. Prices are subject to change without notice.

AMMONIUM PHOSPHATE—(2½ lbs., 30c) (10 lbs., 85c) (25 lbs., \$1.75) (50 lbs., \$3.00)

BLOOD MEAL—(2½ lbs., 35c) (10 lbs., 90c) (25 lbs., \$1.85) (50 lbs., \$3.25)

BLOOD AND BONE—(2½ lbs., 35c) (10 lbs., 85c) (25 lbs., \$1.75) (50 lbs., \$3.00)

BONE MEAL—(2½ lbs., 25c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.00) (100 lbs., \$3.75)

COTTONSEED MEAL—(2½ lbs., 25c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.00) (100 lbs., \$3.75)

FISH MEAL—(2½ lbs., 40c) (10 lbs., 90c) (25 lbs., \$2.00) (50 lbs., \$3.50)

NITRATE OF SODA—(2½ lbs., 25c) (10 lbs., 75c) (25 lbs., \$1.35) (50 lbs., \$2.00)

SULPHATE OF AMMONIA—(2½ lbs., 30c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.50)

SULPHATE OF POTASH—(2½ lbs., 30c) (10 lbs., 85c) (25 lbs., \$1.75) (50 lbs., \$3.50)

SUPERPHOSPHATE—(2½ lbs., 25c) (10 lbs., 60c) (25 lbs., \$1.20) (50 lbs., \$2.00)

ALUMINUM SULPHATE—For Rhododendrons. Azaleas and other acid-loving plants. Use ½ lb. per square yard. Spread directly under the plant. (2½ lbs., 30c) (10 lbs., 85c) (25 lbs., \$1.50) (50 lbs., \$2.75)

BONE MEAL "Cala-Bone"—An ammoniated bone meal with the correct amount of potash added to make an excellent fertilizer for all garden purposes. Use 4 to 5 pounds per 100 square feet. (25 lbs., \$1.50) (50 lbs., \$2.50)

GAVIOTA GARDEN AND LAWN FERTILIZER—A scientifically prepared, complete fertilizer containing both chemical and organic ingredients. Balanced to provide quick as well as lasting effect. Use 3 to 5 lbs. per 100 square feet. (3 lbs., 30c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.50)

GYPNUM—For breaking up adobe and sticky soils. Does not affect soil acidity. Apply at the rate of 20 lbs. per 100 square feet. 100 pound bags only, \$1.25.

HUMUS BUILDER—A blend of manures and peat moss. Contains no weed seeds and may be used on the lawn or in the garden with very satisfactory results. 2½ cubic foot bag \$1.25 each. 10 bags \$11.50.

SANI SOIL—This is a new product and one which we think has possibilities. It is a good material to use as a mulch or to mix into the soil. It is made from the bark of the redwood tree and since these are the oldest living organic species, there must be some good reason why they have not been destroyed by insects or plant diseases. This year we are giving Sani-Soil a good trial at our Nursery-Gardens. We suggest your trying it in your garden. A pamphlet will be sent on request. No. 32 (fine) 20-lb. sack \$1.60 f.o.b. San Francisco. No. 8 (shredded) packed in 180-lb. bales. Per bale \$12.60, factory shipment.

HU-MULCH—A finely pulverized organic material. For maximum results mix HU-MULCH into your garden soil before planting, and to conserve moisture, cultivate an additional amount into the surface soil after the planting is finished. (3 lbs., 30c) (10 lbs., 75c) (large bag, \$2.75)

LIME, HYDRATED—(10 lb. package, 35c) (50 lbs., \$1.00)

LIME, "Agricultural"—An organic shell flour for lightening and sweetening soils. Apply at the rate of 100 lbs. per 500 square feet. In 100 lb. sacks only, \$1.25.

LEAF MOLD—Screened (5 lbs., 25c) (10 lbs., 45c)

MILORGANITE—Supplies all the elements needed for healthy continuous plant growth. (25 lbs., \$1.35) (50 lbs., \$2.00) (100 lbs., \$3.50)

PEAT MOSS—For building up soils. For best results moisten slightly a day or two before using, 1 cu. ft., 75c. Extra large compressed bale, \$4.50. (Price subject to change.) One bale will cover 300 square feet, 1 inch thick.

PULVERIZED SHEEP MANURE, "GROZ-IT" BRAND—(5 lbs., 30c) (10 lbs., 50c) (25 lbs., 90c) (50 lbs., \$1.40) (100 lbs., \$2.25) (5 sacks, \$9.50) (10 sacks, \$18.00)

SOILKORECTIVE—For treatment of "sick" soils, and soils that are sticky when wet or crack badly when dry. Apply 100 pounds to 500 square feet by spreading on the surface when the soil is moist. Stir into the top 2 inches, and stir repeatedly to promote aeration and oxidation. In 100-lb. bags only, \$2.00.

SUPER GROZIT—A concentrated complete plant food; not to be confused with Grozit Sheep Manure. Use 4 to 5 pounds to 100 square feet. (5 lbs., 45c) (10 lbs., 75c) (25 lbs., \$1.50) (50 lbs., \$2.25)

PLANTABS are highly concentrated plant food tablets. Use PLANTABS and have better house and garden plants.

Four Sizes

30 Tablets	.....	\$ .25
75 Tablets	.....	.50
200 Tablets	.....	1.00
1000 Tablets	.....	3.50

VIGORO
Complete plant food

For
LAWNS
FLOWERS
SHRUBS
TREES
VEGETABLES

Please
Ask
for
Prices

Flower Pots, Fern Pots and Seed Pans

Fern Pots are three-quarters, and Seed Pans one-third the depth of Flower Pots; prices are the same.

Orders for shipping should be placed in ample time to permit packing and shipping from the pottery. This will assure safe arrival. A packing charge will be made at cost.

Shipped at customer's risk, and F. O. B. San Francisco.

	Each	Per 10	Per 100
2½-inch	\$0.06	\$0.35	\$ 2.50
3-inch .....	.07	.50	3.00
4-inch .....	.08	.55	3.50
5-inch .....	.10	.70	5.00
6-inch .....	.15	1.00	7.50
7-inch .....	.20	1.60	12.50
8-inch .....	.30	2.10	18.00
9-inch .....	.40	3.25	24.00
10-inch .....	.60	5.00	
12-inch, \$1.25 each; 14-inch, \$2.25 each; 16-inch, \$3.50 each.			

SAUCERS FOR FLOWER POT

	Each	Per 10	Per 100
4-inch	\$0.06	\$4.45	\$ 3.50
5-inch .....	.07	.60	4.25
6-inch .....	.10	.80	6.00
7-inch .....	.15	1.20	9.00
8-inch .....	.20	1.50	12.00
9-inch .....	.25	2.00	15.00
10-inch .....	.35	2.50	18.00
12-inch .....	.50	3.00	
14-inch .....	.85	7.00	

Glazed Pots and Saucers

Orange Color—Due to special process required for this color, prices are slightly higher than other colors.

ORANGE COLOR POT

4-inch	25c	7-inch	50c
5-inch	30c	8-inch	75c
6-inch	35c	9-inch	95c
10-inch	\$1.20		

ORANGE COLOR SAUCERS

4-inch	12c	7-inch	30c
5-inch	15c	8-inch	35c
6-inch	25c	9-inch	50c
10-inch	60c		

GLAZED POT

White, Green, Yellow Blue

4-inch	20c	7-inch	40c
5-inch	25c	8-inch	60c
6-inch	30c	9-inch	80c
10-inch	\$1.00		

GLAZED SAUCERS (to match)

White, Green, Yellow Blue

4-inch	10c	7-inch	25c
5-inch	15c	8-inch	30c
6-inch	20c	9-inch	40c
10-inch	50c		

Paper Flower Pots

Water resistant paper pots intended for use in shipping plants which have been grown in clay pots.



	Per 10	Per 100	Per 1000
2½-inch...\$0.10	1¼ lbs.	\$0.75	\$6.00
3-inch......15	2¼ lbs.	1.00	8.00
4-inch......25	4 lbs.	1.50	12.50
5-inch......30	6¼ lbs.	2.25	18.00
6-inch......35	8½ lbs.	2.50	22.50

(If wanted by mail, add postage according to weights given above)

Hanging Pots, Clay

WITH WIRE HANGERS

Shipment by express collect recommended.

TERRA COTTA—Each: 8 inch 70c; 10 inch 95c; 12 inch \$1.25.

GREEN GLAZED—Each: 8 inch 95c; 10 inch \$1.50; 12 inch \$2.25.

Give Your Gardening Friends a
Hallawell Gift Certificate

- A pair of Garden Gloves
- Hi-Power Pruning Shears
- A pair of Lopping Shears or
- A Sprayer, large or small
- A Tree Rose

- Handmade Soil Screen
- Bulbs or Seeds, the choicest grown
- A living plant, such as
- A New Rose, a Camellia
- A Rhododendron

FOR YEAR-ROUND GIFT GIVING — CHOOSE FROM HALLAWELL'S CATALOG!

SHRUBS and TREES

If you need Shrubs or Trees, send your order from this Catalog or, better still, visit Hallawell's New Modern Nursery on 19th Ave. at Sloat Blvd.

A PLANTING CALENDAR FOR SAN FRANCISCO BAY AREA

JANUARY

FLOWERS—Sow in open ground—Abronia, Alyssum, Bartonella, Calendula, Candytuft, Centaurea, Clarkia, Cosmos, Cynoglossum, Didiscus, Godetia, Gilia, Gyphophila, Larkspur, Mignonette, Nemophila, Poppies, Virginian Stock, Sweet Peas, California Wild Flowers. **Sow in Flats**—Carnations, Cinerarias, Dahlia, Lobelia, Nierembergia, Nemesis, Pansy, Petunia, Stocks, Snapdragon.

BULBS—Amaryllis, Gladiolus, Lilies.

ROSES—DORMANT BUSHES, DECEMBER TO MARCH

VEGETABLES—Beets, Carrots, Cabbage, and most other vegetables, except vines.

FEBRUARY

FLOWERS—Sow in open ground—Ageratum, Alyssum, Calendula, Candytuft, Centaurea, Cheiranthus, Clarkia, Cosmos, Cynoglossum, Godetia, Gypsophila, Hunnemannia, Larkspur, Mignonette, Phlox, Poppies, Virginian Stock, Sweet Peas, California Wild Flowers. **Sow in flats**—Alonsoa, Anchusa, Arctotis, Asters, Dahlias, Gaillardia, Lobelia, Mathiola, Nierembergia, Petunia, Marigold, Nemesis, Pansies, Petunia, Salpiglossis, Schizanthus, Stocks, Snapdragons, Verbena.

BULBS—Amaryllis, Cannas, Gladiolus, Tigridia, Tuberous Begonias, roots of Hardy Phlox.

VEGETABLES—Beans, Beets, Carrots, Eggplant, Onion sets, Parsley, Peppers, Potatoes, Radish, Squash, Tomatoes.

MARCH

FLOWERS—Sow in open ground—Ageratum, Alyssum, Brachycome, Calendula, Candytuft, Centaurea, Clarkia, Cosmos, Godetia, Gypsophila, Gourds, and all Vine seeds, Linaria, Mignonette, Virginian Stock, Nasturtium, Phlox, Viscaria. **Sow in flats**—Agathae, Alonsoa, Asters, Celosia, Coleus, Dahlias, Gaillardia, Gomphrena, Lobelia, Mathiola, Meconopsis, Marigolds, Nemesis, Nierembergia, Petunia, Pansies, Salpiglossis, Schizanthus, Stocks, Snapdragons, Verbena.

BULBS—Dahlias, Cannas, Gladiolus, Tigridias.

VEGETABLES—Beets, Carrots, Cucumbers, Egg Plant, Kale, Melons, Okra, Parsley, Peppers, Pumpkin, Radish, Salsify, Squash, Tomatoes.

APRIL

FLOWERS—Sow in open ground—Ageratum, Alyssum, Brachycome, Calendula, Candytuft, Cosmos, Godetia, Gypsophila, Gourds and all Vine seeds, Lavatera, Linaria, Mignonette, Mirabilis, Nasturtium, Nigella, Phlox, Salpiglossis, Tithonia, Zinnias. **Sow in flats**—Asters, Celosia, Coleus, Gaillardias, Gomphrena, Impatiens, Mathiola, Meconopsis, Mesembryanthemum, Marigolds, Petunia, Salpiglossis, Schizanthus, Snapdragons, Verbena.

VEGETABLES—Asparagus, Beans, Beets, Carrots, Celery, Corn, Cucumber, Egg Plant, Kale, Lima Beans, Melons, Okra, Pepper, Pumpkin, Radish, Salsify, Squash, Tomatoes.

MAY & JUNE

FLOWERS—Sow in open ground—Alyssum, Balsam, Brachycome, Calliopsis, Calendula, Candytuft, Clarkia, Cosmos, Godetia, Gypsophila, Ipomoea, Linaria, Marigolds, Nasturtium, Phlox, Portulaca, Rudbeckia, Salpiglossis, Virginian Stock, Zinnias. All Vines. **Sow in**

flats—Aquilegia, Asclepias, Begonia, Calceolaria, Campanula, Coreopsis, Digitalis, Delphinium, Dianthus, Gaillardia, Gerbera, Geum, Hellopsis, Heuchera, Hibiscus, Hollyhocks, Lychnis, Pentstemon, Physostegia, Platycodon, Primula, Pyrethrum, Thalictrum, Sweet William, Wallflower.

VEGETABLES—Beans, Beets, Carrot, Corn, Cucumber, Melons, Okra, Parsley, Peppers, Pumpkin, Radish, Squash, Tomatoes.

JULY & AUGUST

FLOWERS—Sow in open ground—Alyssum, Calendula, Candytuft, Early Cosmos, Gypsophila, Nasturtium, Phlox. **Sow in Flats**—Pansies and the entire list of perennials and biennials listed for May and June.

VEGETABLES—Beets, Beans, Cabbage, Carrots, Cauliflower, Celery, Corn, Cucumbers, Endive, Kale, Kohl-Rabi, Leek, Mustard, Radish, Spinach, Turnips.

SEPTEMBER

FLOWERS—Sow in open ground—Calendula, French Marigolds, Nasturtium, Winter Sweet Peas. **Sow in flats**—Anemone, Arctotis, Calceolaria, Campanula, Cerastium, Cheiranthus, Digitalis, Delphinium, Dianthus, Gerbera, Geum, Heuchera, Hollyhock, Lychnis, Mathiola, Matricaria, Myosotis, Phacelia, Pansy, Primula, Ranunculus, Silene, Scabiosa, Statice, Stocks, Sweet William, Trachelium, Wallflower, Winter Sweet Peas.

BULBS—Anemone, Baby Glads, Callas, Iris, Freesias, Ixias, Ranunculus.

VEGETABLES—Beets, Broccoli, Brussel Sprouts, Cabbage, Carrots, Cauliflower, Endive, Kale, Kohl Rabi, Leek, Mustard, Parsley, Radish, Spinach, Turnip.

OCTOBER & NOVEMBER

FLOWERS—Sow in open ground—Acroelinium, Anagallis, Alyssum, Bartonella, Calendula, Candytuft, Cheiranthus, Collinsia, Cynoglossum, Eschscholtzia, Godetia, Gilia, Larkspur, Linaria, Linum, Mignonette, Nemophila, Nigella, Phacelia, Pansies, Poppies, Silene, Scabiosa, Sweet Peas, Wild Flowers, Viscaria. **Sow in flats**—Anemone, Aquilegia, Bellis, Campanula, Carnation, Centaurea, Cineraria, Coreopsis, Delphinium, Digitalis, Dianthus, Forget-Me-Not, Gaillardia, Geum, Hollyhock, Lobelia, Lupin, Nemesis, Nierembergia, Pentstemon, Phlox, Ranunculus, Salvia, Saponaria, Shasta Daisy, Stocks, Snapdragons, Thalictrum, Sweet Peas.

BULBS—Anemone, Daffodils, Freesias, Iris, Lillium, Muscari, Narcissi, Ranunculus, Scilla, Tritoma, Tulips.

VEGETABLES—Beets, Broccoli, Cabbage, Carrot, Cauliflower, Endive, Kale, Kohl-Rabi, Lettuce, Onion, Parsley, Peas, Radish, Spinach, Turnip.

DECEMBER

FLOWERS—Sow in open ground—Abronia, Alyssum, Bartonella, Calendula, Candytuft, Centaurea, Clarkia, Collinsia, Eschscholtzia, Godetia, Gilia, Larkspur, Linum Rubrum, Lupins, Nemophila (on bulb beds), Poppy, Virginian Stock, Sweet Peas. **Sow in flats**—Bellis, Carnation, Cerastium, Coreopsis, Dianthus, Gaillardia, Lobelia, Pansy, Pentstemon, Phlox, Salvia, Scabiosa, Snapdragon, Stocks, Verbena, Viola.

BULBS—Anemone, Daffodils, Lillium, Narcissi, Ranunculus.

ROSES—Dormant bushes.

VEGETABLES—Beets, Cabbage, Carrots, Lettuce, Onion, Parsley, Parsnip, Peas, Radish, Spinach.



MARY MARGARET McBRIDE
(Plant Patent No. 537)

This magnificent new rose was the ALL-AMERICA AWARD for 1943. Lovely form in bud and flower—fragrant.

(\$1.50 each) (3 for \$3.75)



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HECTOR DEANE
(Plant Patent No. 361)

Radiantly beautiful and with a true old rose fragrance.

(\$1.25 each) (3 for \$3.15)

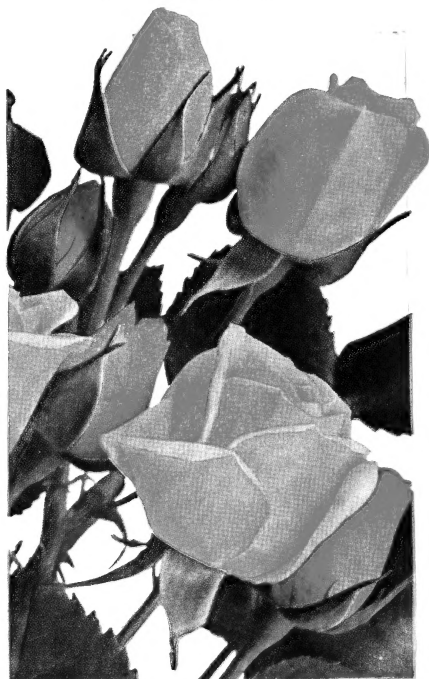


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DICKSON'S RED
(Plant Patent No. 376)

Richly fragrant; glowing scarlet-red, abundant bloom.

(\$1.25 each) (3 for \$3.15)



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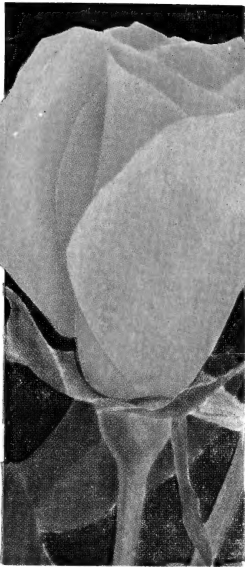
PINOCCHIO

New Floribunda Rose
(Plant Patent No. 484)

Gay salmon-pink; a prize for mass plantings, hedges, borders, or groups of 3 or more.

(\$1.25 each) (3 for \$3.15)

(12 for \$12.50)



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ECLIPSE

(Plant Patent No. 172)

One of the finest roses for the Bay Area.

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LADY MANDEVILLE

(Plant Patent No. 461)

The large, full, fragrant flowers are of rich yellow suffused amber.

(\$1.50 each) (3 for \$3.75)

McGREDY'S SALMON

(Plant Patent No. 410)

Beautiful apricot-pink; delightfully fragrant.

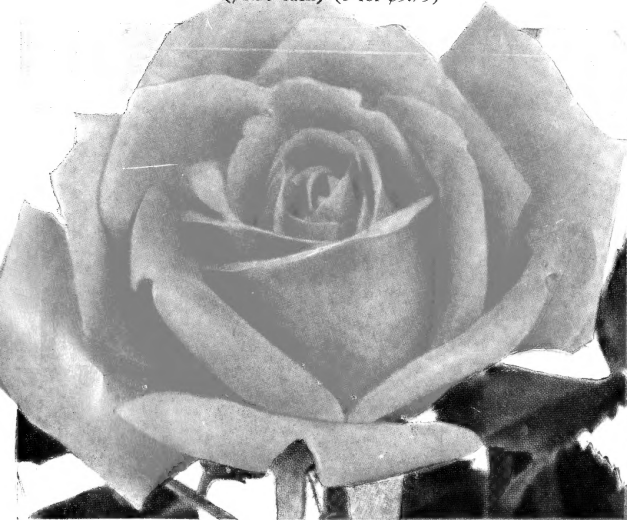
(\$1.50 each) (3 for \$3.75)

SIGNORA

(Plant Patent No. 201)

Scarlet-orange, shading to tangerine at base. Every bloom on a long stem.

(\$1.00 each) (3 for \$2.55)



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