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PORTER • WALTON'S GARDEN BOOK 1948

DOUBLE STOCKS

Large Flowering Ten Weeks

One of the richest perfumes comes from their large, double, closely set florets
(Details on page 28)

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U. S. Department of Agriculture

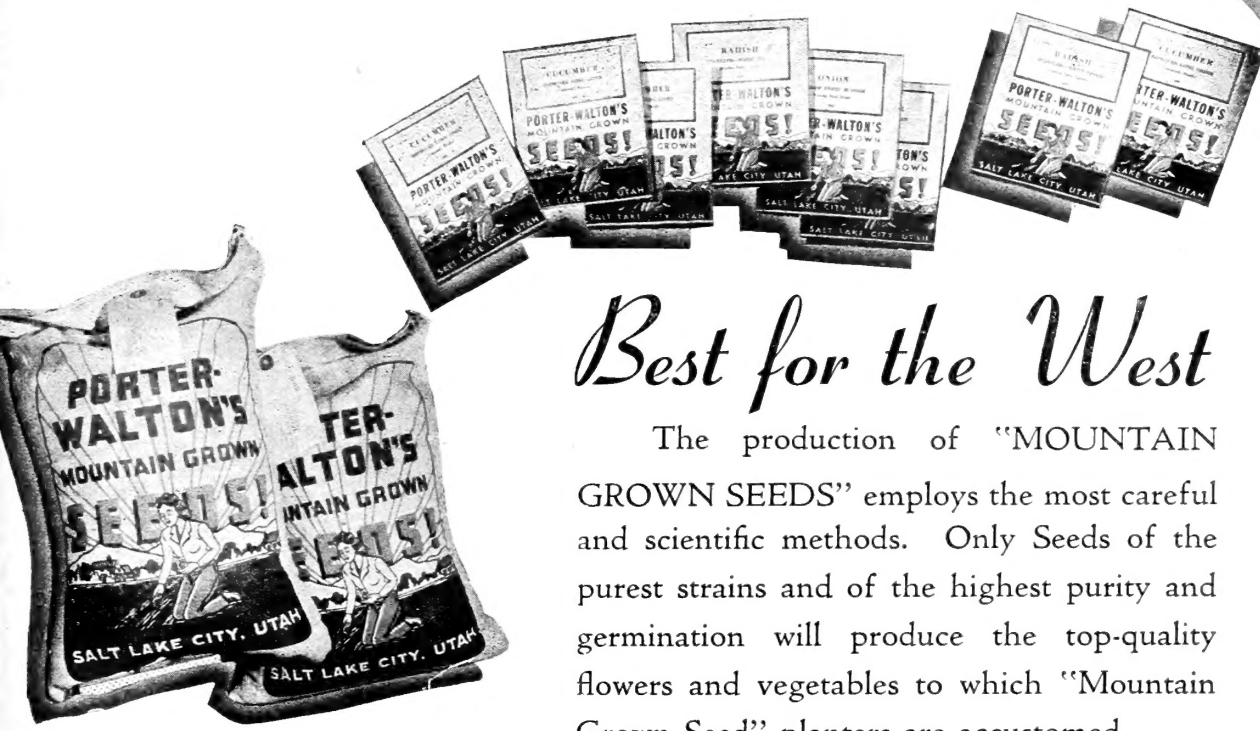
PORTER • WALTON COMPANY
Seed and Nursery Specialists
Box 1619, Salt Lake City 11, Utah



Mountain Grown Seeds



Buy them from your Local Dealer
Grocery and Supply Stores over the Intermountain West



Best for the West

The production of "MOUNTAIN GROWN SEEDS" employs the most careful and scientific methods. Only Seeds of the purest strains and of the highest purity and germination will produce the top-quality flowers and vegetables to which "Mountain Grown Seed" planters are accustomed.

Save Shopping Time

It is quicker and safer to buy your seeds in P.W.'s sealed packets and cartons. They protect vitality and prevent mixing of stored seeds. Look for "Ready-Packaged" seeds in your local seed store.



TERMS AND CONDITIONS OF SALE

Our terms are CASH WITH ORDER. C.O.D. orders will be accepted only if accompanied by cash payment of 25% of the amount of the order.

PRICES in this catalog are based on market conditions at the date of publication and are subject to change without notice.

In order to obtain quantity price rates your order must be for a specified quantity of a single variety of seeds, bulbs, or plants.

All items are priced f.o.b. Salt Lake City. The comparatively small weight of smaller than one ounce packets of seed however, need not be considered when listing shipping weights.

Residents of Utah, please add 2% state sales tax.

\$1.00 MINIMUM ORDER

Because of proportionately excessive handling cost orders for less than \$1.00 will not be accepted unless accompanied by an additional 25c service charge.

GUARANTEE

We GUARANTEE all of our stock (seeds, bulbs, or plants) to be true to name and to reach the customer alive and in good condition. If, on receipt, stock should appear otherwise, or in case of damage, or error, a claim and report must be made within 5 days. We cannot be held responsible for subsequent cultural failures.

Furthermore, we give no warranty, express, or implied, as to the productiveness of any seeds, bulbs or plants we sell and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds, bulbs or plants.

If we cannot supply certain items on your order we shall take the liberty, unless directed otherwise, of substituting a similar variety of equal or greater value. If a substitution is unsatisfactory, repack it carefully and return to us at once at our expense.

MAKING OUT THE ORDER

IMPORTANT—CATALOG NUMBERS

It is important that when making out your order, you include the catalog number, name of the article, size or quantity, the price and shipping weight of each article ordered.

Please use the enclosed order blank which folds into a self-addressed envelope. Extras furnished on request.

Fill out the order blank completely and accurately, making sure that your name, address and shipping instructions may be clearly interpreted.

When it becomes necessary to make additional explanation or inquiry, please do so on a separate sheet of paper.

How to Send Money. Money is most conveniently and safely sent in the form of a post office money order, express order or check. We will accept personal checks for over \$1.00. It is not safe to send silver or currency. Do not send stamps.

See above information regarding C.O.D. orders.

ADDRESS ALL CORRESPONDENCE TO OUR GENERAL OFFICES
PORTER-WALTON CO., P.O. Box 1619, Salt Lake City 11, Utah

TRANSPORTATION

Transportation charges on all classes of merchandise in this catalog must be paid by the purchaser. Shipments weighing over 5 pounds and beyond the 4th zone, and over 20 pounds beyond the 2nd zone, travel cheaper by express. If your order does not specify "Mail, Express or Freight (rail or motor truck) or does not include postage, we reserve the right to route the shipment according to our best judgment.

SEEDS, NURSERY STOCK AND SEEDLINGS SHIPPED SEPARATELY

Because of the wide variation in the nature, packing and planting time of seeds and nursery stock it is necessary that they go forward in separate shipments. The weight of the separate parts will determine the most economical way to ship, i. e. freight, express or mail. Under such conditions it is difficult to handle C.O.D. orders properly without duplication of C.O.D. Fees.

EXPRESS

Express is one of the most practical methods of shipping plants, roots and trees. The fastest passenger trains carry express shipments. Insurance against damage or loss of parcels valued at \$50.00 or less, and special handling of perishable shipments is given at no extra cost. The express company will also deliver your order to you or notify you by telephone or postal card of its arrival. Send no money for express charges. They will be collected when delivery is made.

FREIGHT

For heavy shipments (100 pounds or over) freight is the most economical method of delivery.

Specify rail or motor truck, whichever serves you best.

Send no money for freight charges (except where it is necessary shipments go prepaid). They will be collected when delivery is made at destination.

PARCEL POST

Approximate shipping weights are given on items for which no definite packing and postage rate is stated. The following table shows the correct amount of postage to send for a given weight to be mailed to any point within the 4th zone.

PARCEL POST ZONE RATES

Shipping Weight	Zones 1 & 2		Zone 3	Zone 4
	Not over 150 miles	150 to 300 miles	300 to 600 miles	600 miles
1 lb.	\$.09		\$.10	\$.11
2 lbs. ....	.11		.12	.15
3 " ....	.12		.14	.18
4 " ....	.13		.16	.22
5 " ....	.14		.18	.25
6 " ....	.15		.20	.29
7 " ....	.16		.22	.32
8 " ....	.17		.24	.36
9 " ....	.18		.26	.39
10 " ....	.19		.28	.43
11 " ....	.20		.30	.46
12 " ....	.22		.32	.50
13 " ....	.23		.34	.54
14 " ....	.24		.36	.58
15 " ....	.25		.38	.61
16 " ....	.26		.40	.65
17 " ....	.27		.42	.68
18 " ....	.28		.44	.72
19 " ....	.29		.46	.75
20 " ....	.30		.48	.79
25 " ....	.36		.59	.97
30 " ....	.41		.69	1.15
35 " ....	.47		.79	1.33
40 " ....	.53		.90	1.51
45 " ....	.59		1.00	1.69
50 " ....	.64		1.10	1.87
55 " ....	.70		1.21	2.05
60 " ....	.75		1.31	2.24
65 " ....	.81		1.41	2.41
70 " ....	.87		1.51	2.60

Mountain Grown Vegetable Seeds

FOOD FOR FREEDOM

You did your part, as one of 20,000,000 wartime Victory Gardeners, to maintain an adequate American standard of living.

Now your Country urges you to produce "Food For Freedom," to release more commercial crops for hungry Europeans.

Freedom from want!!!

Freedom from ill health!!!

Freedom from higher food costs!!!

ASPARAGUS SEED

An ounce of seed will sow 75 ft. of row and produce about 250 plants.

Sow the seed in the early spring. When roots are one to two years old, transplant to permanent location. Given care, a bed of 500 sq. feet provides for an average family for 8 to 10 years.

10 **Mary Washington**—An early rust-resistant variety that is a heavy producer. The shoots are of a rich dark green with tightly folded tips. Introduced by the U.S.D.A., and surely the best strain grown. Pkt. 10c; oz., 20c;

¼ lb., 60c; lb., \$1.75; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.57 per lb.

12 **New Paradise**—Produces a normal crop one year earlier. This new sensational variety has been tried and proven by commercial Asparagus growers. Heavy cropper, finest quality, commands top prices.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75.

ASPARAGUS ROOTS—2 yr. old 75 roots plant 100 feet of row.

		Prices per root for any desired quantity			
Cat. No.	Kind	10 to 24	25 to 99	100 to 249	250 to 1000
7000	Mary Washington	7c	5c	4c	3c
7002	New Paradise	8c	6c	5c	4c

Shipping weight: 2 lbs. per 10; 10 lbs. per 100; 75 lbs. per 1000.

Stringless Beans

DWARF GREEN POD TYPES

1 pkt. plants, 30 ft.; lb. 150 ft.; 60-75 lbs., an acre.

30 **P.W.'s STRINGLESS GREENPOD OR TENDER GREEN**—53 days. Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless green pod sort. Pods are 6-6½ in. long, and are absolutely stringless and free from fibre. They are nearly straight, dark-green, and round. Plants are hardy, disease resistant, and dependable croppers. (See color illustration, page 19.)

32 **Landreth's Stringless Greenpod** (52 days)—Replaces Burpee's Stringless. The pods of this excellent green bean are stringless, fibreless, straight, and 6 to 6½ inches long. There are no indentations in the pods and they hold their deep green color longer. The foliage and growth are similar to Burpee's Stringless Greenpod, but are darker green, more vigorous and more productive.

34 **Stringless Black Valentine**—49 days. Well adapted for early shipping. Plants large, erect and prolific; attractive oval pods nearly straight, dark green, entirely stringless. It retains its color and texture in shipping a long distance.

POLE BEANS

A packet of these beans will plant 120 feet of row.

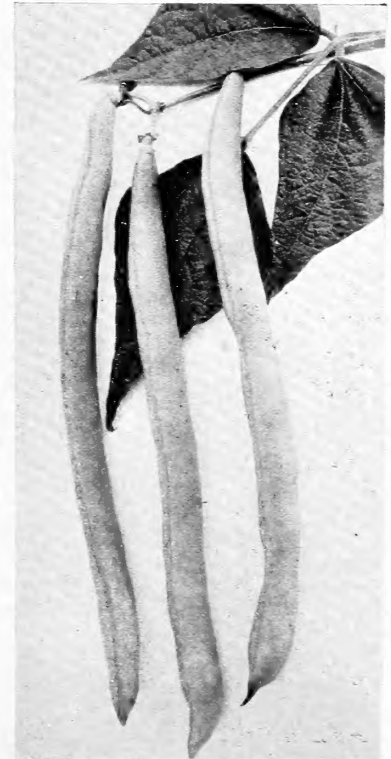
40 **Blue Lakes**—Used extensively by Intermountain and Pacific Coast canners for an asparagus type pack of green beans. Splendid for home use and will command high prices on local markets. Good climber, heavy producer, pods 5½ in. long, ½ in. wide, and almost ½ in. thick. Very fleshy, brittle, and tender.

44 **Kentucky Wonder or Homestead**—65 days. The pods are thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes.

DWARF WAX PODDED BEANS

Sow same as green pods.

36 **Pencil Pod Black Wax**—52 days. The best round-podded Wax Bean for the home gardener or market. Extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless. Our stocks are carefully selected, uniform type, vigorous and productive.



Pencil Pod Black Wax

All Yellow or Green Pod and Pole beans—

Pkt. 20c;

1 lb., 50c;

2-4 lbs. 45c per lb.;

5-9 lb., 35c per lb.

Add postage at

zone rates. See

page 4.

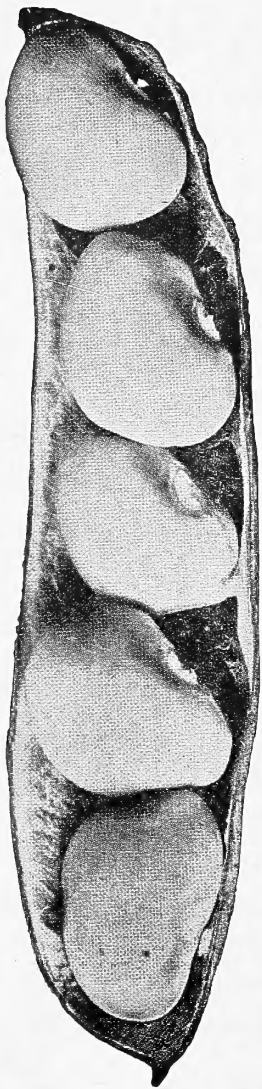
Each variety considered as a separate quantity.

f.o.b. Salt Lake City

Cat. No.	Kind	10-24	25-99	Bag lots
		lbs. per lb.	lbs. per lb.	100 lbs.
30	New Stringless Tendergreen	.33	.32	\$31.00
32	Landreth's Stringless	.26	.25	24.00
34	Stringless Black Valentine	.26	.25	24.00
36	Pencil Pod Black Wax	.34	.33	32.00
40	Pole Blue Lakes	.34	.33	32.00
44	Pole Kentucky Wonder	.33	.32	31.00

LIMA BEANS—Bush and Pole

A pound of Lima Beans will plant 100 ft. of row, about 60 lbs. an acre



- 56 **Early Market Bush**—63 days. This new, large, flat-seeded Lima bean offers extra advantages to intermountain growers because of its early maturity and its ability to yield under hot weather conditions. It was introduced as an outstanding variety in 1943 by the U.S.D.A.,
- 58 **Fordhook**—75 days. Plant is strong and erect; never straight or running. Heavily productive. The pods are borne in clusters of 4 to 8 each. Pods are 4-5 in. long.
- Price—Either of above, pkt., 20c; 1 lb., 60c; 2-4 lbs., 55c per lb; 5-9 lbs., 45c per lb.

60 **Henderson Bush (Baby Lima)** 65 days. An early productive sort. Pods about 2 3/4 in. long, containing 2 to 4 beans of fine quality. Used for canning and dry beans.

62 **King of the Garden (Pole Lima)**—88 days. A vigorous climber and heavily productive. The beans are oval and fairly plump, pale green at the tender stage and greenish white when mature. Very delicious at either stage.

Price of Henderson and King of the Garden. Pkt., 20c; 1 lb., 45c; 2-4 lbs., 40c per lb.; 5-9 lbs., 35c per lb.

BROAD WINDSOR BEANS

- 50 **Long Pod Fava**—An improved variety having long pods with 4 to 5 large flat beans which are very good cooked either green or dry. They are very hardy and should be planted as soon as the ground can be worked in the spring.
- Pkt. 20c; 1 lb., 40c; 2-4 lbs., 35c per lb.; 5-9 lbs., 30c per lb.

QUANTITY PRICES

	f.o.b. Salt Lake City		
	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Early Market Bush	.32 1/2	.31 1/2	\$30.50
Fordhook	.43	.42	41.00
Hendersons Bush	.29 1/2	.28 1/2	27.50
King of the Garden (Pole)	.27	.26	25.00
Long Pod Fava	.22	.21	20.00

BEETS

An ounce of seed will sow 60 feet of row; a packet, 15 feet; 10 lbs. will plant an acre in rows spaced 14 inches apart.

- 80 **Detroit Dark Red (Perfected Strain)**—This beet is one of the most outstanding selections of Detroit Dark Red for dark, uniform, interior color. The root is globe shaped, slightly flattened at base. Especially adaptable for market gardens and possessing excellent canning qualities. Tops are fairly large.
- 82 **Early Blood (Dark Red Strain)**—50-55 days. An extra early variety; splendid for home gardens or markets. Tops medium in size; roots globe shape. Color is very dark red.
- 85 **GREEN TOP BUNCHING**—50-55 days) An early beet with medium size, erect, grayish green tops and clean, fresh looking foliage. The roots, 2 1/2 to 3 inches in diameter, are round, smooth, glossy, and extremely attractive, selling readily in the markets. The flesh is bright blood red, of finer texture and with less fiber than most bunching beets.
- Beet Prices—Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50; 2-9 lbs., \$1.40 per lb.; 10-24 lbs., \$1.32 per lb.

BROCCOLI

- 90 **Italian Green Sprouting**—Cultivated like cabbage, it bears a succession of sprouting heads. Each sprout, about 4 in. long, ends in a small head of deep green buds. It resembles cauliflower except in color.
- Pkt. 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

MANGELS (Stock Feed Beets)

- 87 **Giant Half Sugar Rose**—
- 89 **Giant Sludstrup**—
- Price of Mangels—lb., \$1.00; 2-9 lbs., 95c per lb.; 10-24 lbs., 90c per lb.; 25-99 lbs., 85c per lb., 100 lbs., \$80.00.

FASTER BUNCHING WITH



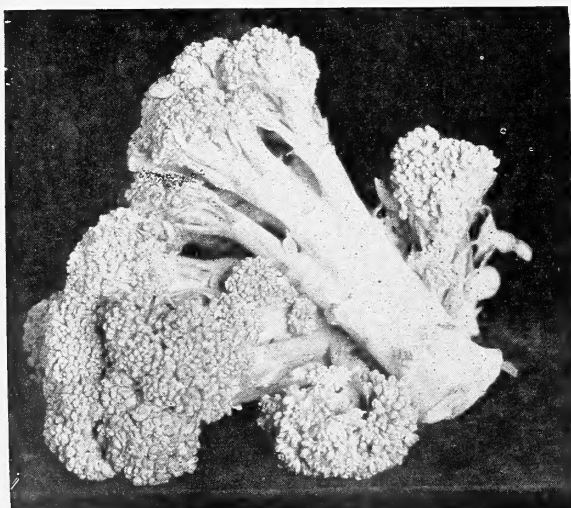
Just a twist of the wrist secures vegetables or flowers in bunches. Millions used commercially.

Utility Twist-Ems are put up in convenient bundles of 250 pieces ready to use.

Prices Listed are Per Thousand and are Based on Individual Quantities of Each Length.

Length	1000	5,000	10,000	25,000	Shipping Weight per 1,000
7 in.	\$1.50	\$1.39	\$1.33	\$1.27	1 1/2 lbs.
8 in.	1.71	1.59	1.52	1.46	1 3/4 lbs.
12 in.	2.56	2.38	2.29	2.19	2 1/2 lbs.
16 in.	3.42	3.17	3.05	2.92	3 lbs.

Popular Lengths in Utility TWIST-EMS for Various Uses
 Carrots 8" Broccoli 16" Grape Ties 8-16" Flowers 8-12-16"
 Celery 12" Turnips 12" Tomato Vines 8-12"



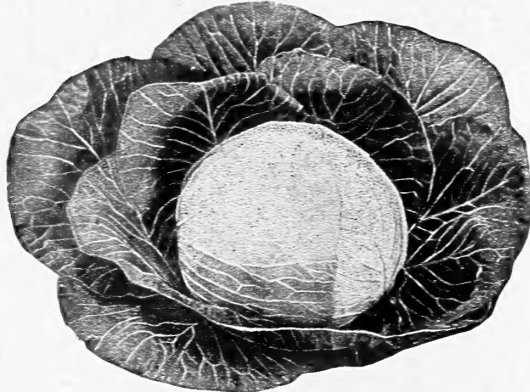
Broccoli

P.-W.'s SPECIAL CABBAGE STRAINS

An ounce of seed will produce about 3,000 plants if sown in frames.

BRUSSELS SPROUTS

94 Long Island Improved—The flavor of these small sprouts or heads is more delicate than that of cabbage. Firm, round, cabbage-like balls about 1 3/4 in. in diameter mature in succession. Pkt., 10c; oz., 55c; 1/4 lb., \$1.65; lb., \$5.00.



Danish Ballhead

CABBAGE PLANTS

Ready After April 15th

- 6010 Copenhagen Market
- 6014 Danish Ballhead
- 6018 Golden Acre

Quantity	Price	Shipping Wt.
25 to 99 plants	@ 2 1/2c each	1 lb. per 25
100 to 249 "	@ \$1.25 per 100	4 lbs. per 100
250 to 999 "	@ 90c per 100	4 lbs. per 100
1000 up	@ 60c per 100	25 lbs. per 1000

CARROTS

An ounce will sow 300 ft. of row; a packet, 60 feet; 2 to 4 lbs., an acre.

- 122 CHANTENAY RED CORED—70 days. The flesh and core are reddish-orange, fine grained, and tender. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.60 per lb.
- 124 NANTES (Coreless)—68 days. Very attractive, 6-7 in. long, smooth, cylindrical, and stump-rooted. They are entirely coreless and exceptionally fine quality. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.25; 2-9 lbs., \$2.15 per lb.; 10-24 lbs., \$2.05 per lb.

- 126 Imperator—77 days. The carrots are often eight inches long, smooth, somewhat tapering, and deep orange in color. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.60 per lb.

- 128 DANVERS RED CORED—An improved strain with superior dark red interior color. Outside is smoother, brighter and more attractive. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.60 per lb.

STOCK FEED CARROTS

- 132 Improved Long Orange—Roots scarlet orange. Heavy cropper. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.60 per lb.

- 134 Mastodon or Short White—Most productive for stock feeding. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.65 per lb.; 10-24 lbs., \$1.60 per lb.



Nantes Carrot

- 100 Copenhagen Market—70 days. This fine early market garden strain will satisfy the most critical trade. The light green leaves are always tightly folded; the plants may, therefore, be set closer. Good yielder and an excellent keeper.
- 116 Penn State Ballhead—A new Ballhead strain favored by many commercial growers for winter storage and for Kraut. Extremely hard heads 6-7" deep.
- 102 Danish Ball Head (Short Stem Strain)—We are proud of this stock and fully recommend it to our customers as the most outstanding Danish Ball Head offered anywhere. It is vigorous, uniform, and sure to head. They are outstanding keepers in storage.
- 106 P.-W.'s Golden Acre—60 days. The earliest cabbage. Heads are round like Copenhagen Market, but smaller. Plants are small, short stemmed and compact. Ours is a true strain from the most reputable grower.
- 107 GREEN ACRE—65 days. A little larger in size than the Golden Acre making about 20% more tonnage. Large, smooth leaves; dark green in color. Especially valuable to market gardeners and shippers.
- 112 Perfection Drumhead—90 days. This is the leader of the Savoy types. Price of above varieties of cabbage: Pkt., 10c; oz., 35c; 1/4 lb., \$1.15; lb., \$3.50; 2-9 lbs., \$3.30 per lb; 10-24 lbs., \$3.10 per lb.
- 114 Red Stonehead—110 days. The largest and best red cabbage. Pkt., 10c; oz., 40c; 1/4 lb., \$1.35; lb., \$4.15.

CHINESE CABBAGE

- 117 Chihili—The most popular of any of the Chinese types and very dependable in heading. The heads are 18 to 20 inches long, compact, and pointed at the top. Especially delicious as a salad. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.80; 2-9 lbs., \$1.75 per lb., 10-24 lbs., \$1.60 per lb.

CAULIFLOWER

An ounce of seed will produce 1,500 to 2,000 plants in open ground or about 3,000 in frames.

140 P.-W.'s Perfection (Super Snowball)—65 days. It is adapted for either early or late Fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely. Pkt., 10c; ½ oz., \$1.50; oz., \$2.75; ¼ lb., \$9.00; 1 lb., \$27.50.

142 New Snowdrift—Also known as "White Mountain" and "Improved Holland Erfurt," which our tests show are merely other names for this splendid variety. This strain will produce a more satisfactory yield under extreme weather conditions than any other Snowball strain we know. The heads are somewhat larger than the old type Snowball, and it matures with more evenness. Pkt., 10c; ½ oz., \$1.50; oz., \$2.75; ¼ lb., \$9.00; lb., \$27.50.



Snowdrift Cauliflower

CELERIAC—Turnip Rooted Celery

156 Giant Smooth Prague—This really delicious vegetable should be in every home garden. The bulbs when cut into cubes, boiled and served with a cream sauce are delicious. Pkt., 10c; oz., 65c; ¼ lb., \$2.25; lb., \$6.50.

CHICORY

160 Asparagus or Radichetta—Fast growing annual; grown for tops which are used for greens; tender flower shoots also used.

162 Large Rooted or Coffee—The roots, when dried, are used as a coffee substitute. The young leaves may be used in salad. Sow seeds early in spring in rows about 2 feet apart. Roots grow 12-14 inches long and 2 inches thick at top, tapered.

Either of above—Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50.

CAULIFLOWER PLANTS

6020 P.-W.'s Perfection (Super Snowball) will be ready after April 15th.

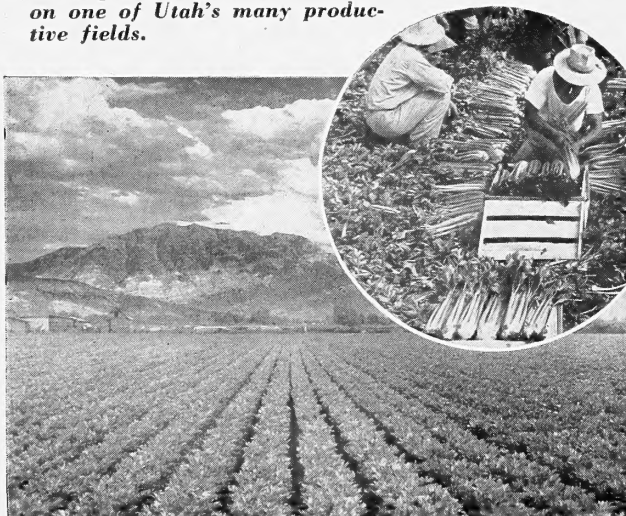
Quantity	Price	Shipping weight
25 to 99	\$.03 Each	1 lb. per 25
100 to 249	1.50 per 100	4 lbs. per 100
250-999	1.00 per 100	4 lbs. per 100
1000-up	.75 per 100	3½ lbs. per 100

UTAH CELERY—Famous from Coast to Coast

One ounce, 1,500 plants; half-pound to transplant an acre.

150 P.-W.'s Improved Utah—125 days. The far-famed Utah Celery so much in demand. Developed by the local gardeners. Its superior qualities give it exclusive control of the local celery market. It has double the amount of heart of any celery. The plant is of close habit, and blanches to a creamy white. Ribs perfectly solid and crisp. Our true strain produces the most uniform, large, compact plants of any stocks produced in Utah. Pkt., 10c; ¼ oz., 50c; oz., \$1.50; ¼ lb., \$5.00; lb., \$15.00.

Harvesting the famous Utah Celery on one of Utah's many productive fields.



6030 CELERY PLANTS

P.-W.'s Improved Utah—Transplanted plants, sturdy and well rooted. Set out from May 15th to last of June. Harvest in September and October.

Quantity	Price	Shipping Weight
25 to 99	3½c Each	1 lb. per 25
100 to 499	2½c Each	4 lbs. per 100
500 Up	2c Each	4 lbs. per 100

Plants in Flats: Express Shipment—Average 85 per flat, \$1.75 per flat. 30 lbs. per flat.

It's easy to grow fresh crisp celery the modern way:

EASILY
GROWN



NO HILLING
NO TYING

It is not necessary to "hill up" celery plants to produce stalks of excellent quality. By spacing the plants about six inches apart in the rows, with about eighteen inches between the rows, celery will grow in moderately compact bunches.

More Vitamin A—Richer Flavor:

Under this method of culture the outer stalks of celery retain much of their natural green color and are a good source of vitamin A. The "heart" blanches itself to a clean white and is remarkably crisp and delicious.

● SWEET CORN ●

One pound will plant about 400 hills; a packet, 100 hills; 12 lbs., an acre.

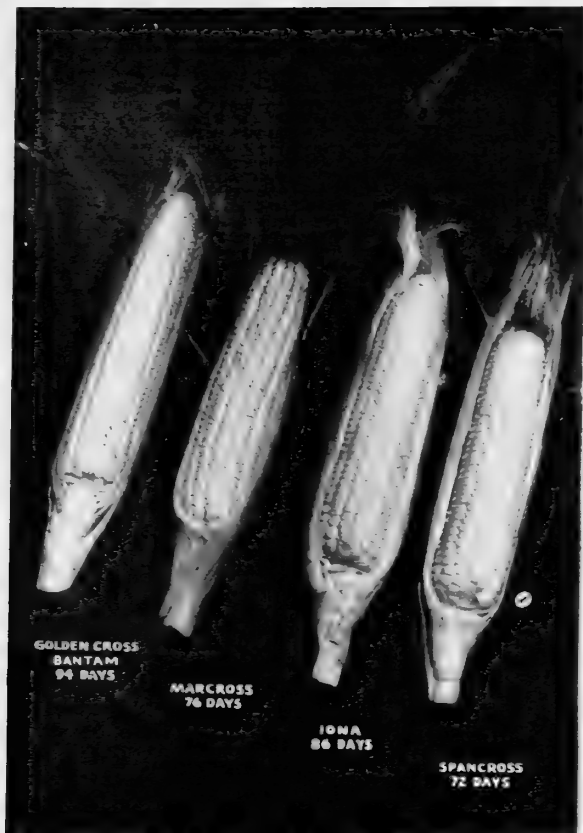
PLANT HYBRID CORN

GREATER PRODUCTIVITY
GREATER DROUGHT AND PEST RESISTANCE—

HYBRID VARIETIES

- 170 **MARCCROSS C6.13**—Early Hybrid. The 5-foot stalks produce 8 inch, 10 to 14-rowed, golden yellow ears well filled to the tip in 74 to 77 days. As both parents are highly disease resistant, Marccross C6.13 is doubly protected against disease. Usually over 85 per cent of the ears are marketable.
- 176 **IOANA**—Large Eared—Midseason—Wilt Resistant Hybrid—86 days. The ears are large, slightly tapering mostly 8 to 9 inches long, with 12 to 14 rows of creamy yellow, medium deep kernels, which fill the ear well to the tip. These ears are of fine quality, sweet and tender.
- 174 **GOLDEN CROSS BANTAM**—93-95 days. The most prolific of the yellow sweet corn; produces at least 40% more good marketable ears than ordinary stocks. The plant is sturdy, with broad, dark green leaves.
- 194 **LINCOLN**—83 days. Winner of the All American Bronze Medal in 1942. The vigorous well foliaged plants have proved to be even more productive than Golden Cross Bantam. Lincoln is exceptionally drought resistant as well as markedly resistant to pests and disease.
- 175 **EVERBEARING BLEND**—A single planting produces edible ears over a period of 4 to 5 weeks. Especially blended for home gardeners, this is a mechanical mixture of four or more proven 12 row hybrids of different maturity dates. It has all the advantages of hybrid vigor and quality.

Prices—All Hybrid Sweet Corn—pkt., 20c; 1 lb., 55c; 2-4 lbs., 50c per lb.; 5-9 lbs., 40c per lb.



178 **SPANCROSS**—70 to 73 days. One of the earliest Hybrids. Produces medium sized ears with 10-12 rows of medium depth kernels of good flavor and quality. Plants are well rooted, resistant to bacterial wilt, and grow 4½ to 5 ft. tall.

OPEN-POLLINATED

VARIETIES

- 180 **Golden Bantam** (True 8-row stock)—72 days. Eight rows of even, broad, fairly deep golden kernels of most delicious flavor.
- 182 **Improved Bantam**—67 days. Fine for garden and market.
- 184 **Golden or Bantam Evergreen** (Also called Golden Rod) 89 days. Plants, 6-7 ft. high; ears 8-10 inches in length filled with 12-14 rows of medium width kernels, tender and of excellent flavor.
- 186 **Golden Sunshine**—65 days. The ears are medium long and plump, 7-8 in. and 10-12 rows of fine quality corn.
- 188 **Stowell's Evergreen**—98 days. The best known late white variety. The ears about 7-8 inches long, 14-20 rowed.

Prices—All open-pollinated Corns—pkt., 20c; 1 lb., 35c; 2-4 lbs., 30c per lb.; 5-9 lbs., 25c per lb.

QUANTITY PRICES

Each variety considered as a separate quantity

f.o.b. Salt Lake City	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Spancross	.39	.38	.37
All Other Hybrid Sweet Corn	.36	.35	.34
All Open Pollinated Corns	.19	.18	.17

GROW WORM-FREE CORN

Kill Corn Ear Worms
Kill European Corn Borer

Spray or dust the plants every 10 days during late May and June being careful to cover the under side of the foliage. When the silk begins to grow, apply Pest-B-Gon dust at 2 to 3 day intervals for more complete control of the corn earworm.

- 3293 **PEST-B-GON DUST 10% DDT**
10 oz. Duster, 69c; 2 lb., pkg., \$1.00.
- 3275 **PEST-B-GON SPRAY 20% DDT**
4 oz., 65c; 16 oz., \$2.00.



CUCUMBERS

One pkt. will plant 20 hills; ounce, 75 hills; 2 to 3 pounds per acre.



207 **MARKETER**—A splendid new early variety producing very dark green cylindrical fruits which taper slightly at the ends. The fruits are from 7½ to 8 inches long, and 2¼ inches in diameter. The flesh is crisp, and icy-white in color. Tests have shown it to be one of the most prolific varieties in existence, and its uniform shape and attractive color make it an excellent market variety.

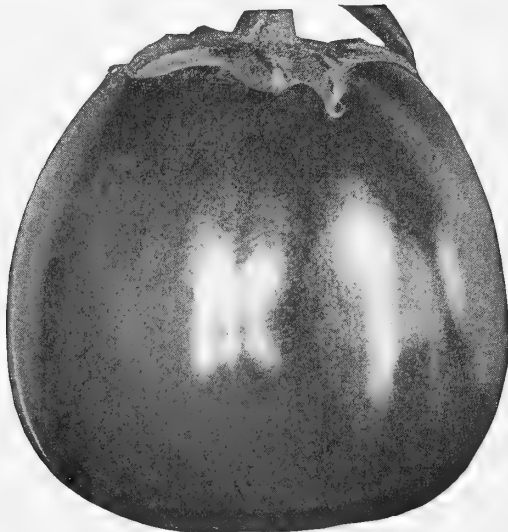
Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75.

202 **Boston Pickling**—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. It continues to be the most popular for home use. Pkt. 10c; oz., 20c; ¼ lb., 70c; lb., \$2.10.

203 **COLORADO**—60 days. The finest slicing cucumber. Beautiful, long, slender, dark green fruits, 9-12 in. long, that bring the highest prices on the critical markets. Popular because of its fine shape and intense color, which is maintained longer than that of most varieties. A heavy yielder. Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., \$2.75.

204 **Cubit**—This winner of the 1944 All-American Selections Bronze Medal, is a dark green white spine, cylindrical cucumber with rounded ends. Its handsome appearance and firm white flesh are retained for a long time after picking. It is a prolific bearer, producing more and better fruits for early picking. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75.

206 **Improved Long Green**—62 days. Very vigorous and productive. Fruits long, uniformly slender, beautiful dark green. The stock we offer is second to none. Prices—Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.40.



Black Beauty Egg Plant

COLLARDS

216 **Georgia Southern or Creole**—This is a tall, loose-leaved cabbage-like plant. Grown for table greens and for stock or poultry feeding. Sow seed early in rows and transplant or thin to 4 in. in the row.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 95c.

CRESS

Half ounce to 100 feet of row.

218 **Extra Curled or Pepper Grass**—Adds an excellent flavor to salads.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 95c.

DILL

See herbs.

ENDIVE

One ounce, 300 feet; 4 to 5 pounds per acre.

A salad vegetable valuable for Winter use. Sow in June or July, in rows, and thin to about six inches.

226 **Broad Leaved Batavian**—Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salad.

228 **Green Curled**—Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented. Very attractive.

Either of above Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 2-9 lbs., \$1.50 per lb.; 10-24 lbs., \$1.40 per lb.

HERBS—Aromatic and Sweet

240 **Anise (15")**—Seeds and leaves for flavoring.

242 **Caraway (15")**—Seed used to flavor breads, etc.

244 **Catnip (20")**—Leaves used for flavoring.

245 **Coriander (30")** Seed used in bread and confectionery.

246 **Dill (36")**—Seed used in soups and stews. Most used for pickling.

Pkt. 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25

248 **Fennel**—Stems for salads—Seeds flavor candy.

250 **Horehound**—Foliage and roots used for flavoring.

252 **Sweet Marjoram (24")**—Used for salads and dressings.

Sage—(See page 16.)

254 **Summer Savory (12")**—Leaves flavor salads, dressings, etc.

Prices of above, except where noted, Pkt., 10c.

EGG PLANT

One ounce grows 1,000 plants.

220 **Black Beauty**—Earliest and best of all large fruited Egg Plants. The grand, large fruits are thick and most attractive; deep and rich color.

Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.25; lb., \$9.75.

6050 **Plants**—Black Beauty plants grown in flats will be available after April 15th.

Prices and shipping weights same as Tomato plants. See page 18.

HORSE RADISH

Roots should be planted small end down and covered with two inches of soil in rows and set 15 to 20 inches apart.

7006 **Marliner-Kren**—This is considered superior to common Horse Radish.

10-24 plants, 9c ea.; 25-99, 6c ea.; 100-249, 4c ea.; 250-1000, 3c ea.



Great Lakes

KALE

One packet for 100 ft., 2 lbs. per acre.

A species of cabbage. The leaves are cooked as greens.
 260 Dwarf Curled Scotch—Grows very low and compact, with large, bright deep green leaves curled, cut and crimped. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.



Dwarf Curled Scotch Kale

KOHL RABI

One ounce of seed sows 300 feet of row

266 Early White Vienna—Very early, small tops, light green; bulbs medium size, best quality.
 Price—Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50.

LEEK

Seed should be planted in June for good plants in the Fall or Winter.

270 American Flag—Best variety, having good thick stems which are also long, vigorous and mild flavored.
 Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.85; lb., \$5.50.

MANGELS

Mangels—See page 6.

MUSTARD

An ounce plants 50 ft. of row.

Excellent greens cooked the same as Spinach.
 294 Giant Southern Curled—Curled leaf, large.
 Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.
 297 Large Smooth Leaf—Large and vigorous. The leaves are large, broad-oval, and deep green; margin toothed but otherwise plain.
 Pkt., 10c; oz., 15c ¼ lb., 30c, lb., 75c.

LETTUCE

An ounce of seed will sow 250 ft. of row; about 2 lbs. an acre.

273 IMPERIAL NO. 456 (Cornell)—A splendid new selection of the Imperial type developed by the United States Department of Agriculture and Cornell Experiment Station. It has proved very sure heading, and is particularly adapted for growing on muck soils. The frame and head are slightly smaller than Great Lakes and of a lighter green color. It is resistant to tip burn and early bolting.
 Pkt., 10c; ½ oz., 35c; oz., 50c; ¼ lb., \$1.65; lb., \$5.00; 2-9 lbs., \$4.75 per lb., 10-24 lbs., \$4.50 per lb.

272 GREAT LAKES—A really superior lettuce, winning top place in the All-American Selections for 1944. Being very resistant to tip burn, able to withstand heat and sun, and remarkably slow to throw a seed head, Great Lakes is already the most popular summer lettuce. The heads are large, crisp and very attractive.
 Pkt. 10c; ½ oz., 35c; 1 oz., 50c; ¼ lb., \$1.65; 1 lb., \$5.00; 2-9 lbs., \$4.75 per lb.; 10-24 lbs., \$4.50 per lb.

274 Imperial No. 847—This new Imperial strain is especially fine for late Spring and Summer growing. It is a black seeded variety that shows a remarkable resistance to heat. Large, firm heads, dark green, and of high quality.
 Pkt. 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20; 2-9 lbs., \$3.05 per lb., 10-24 lbs., \$2.90 per lb.

276 Imperial No. 44—Surest Heading "Iceberg" Lettuce—This new lettuce has proved to be the outstanding "Iceberg" lettuce to grow. It is the variety which does best on a wide range of soils, both upland and muck, especially on muck. Not only does it head better than any other strain, but has shown definite resistance to tip burn.
 Pkt., 10c; ½ oz. 20c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20; 2-9 lbs., \$3.05 per lb., 10-24 lbs., \$2.90 per lb.

280 P.-W.'s New York No. 12—77 days. A single plant selection from the regular New York or Los Angeles market strain. It is early, makes large, solid heads, uniform in maturing.
 Pkt. 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20; 2-9 lbs., \$3.05 per lb., 10-24 lbs., \$2.90 per lb.

LOOSE LEAF LETTUCE

286 Early Curled Simpson—45 days. A popular early sort, forming a large, loose head.

288 Prizehead—47 days. Large, loose headed sort; leaves tinged with brown, very heavy.

Prices on each of above—Pkt., 5c; oz., 20 c; ¼ lb., 70c; lb., \$2.00.

SEND VEGETABLE SEEDS

To Your Friends Abroad

Owing to Crop Failures, Seeds Are Scarce in Europe

ASTA Official Assortment, prepared as recommended by U. S. Department of Agriculture, sufficient to produce 5 tons of Vegetables, one year's supply for average family.

Cat. No. 5 **PACKED FOR EXPORT,** **\$3.95**
 Assortment **DELIVERED PREPAID**

DELIVERY CAN BE MADE IN THE FOLLOWING COUNTRIES:

Albania	France	Italy	Portugal
Austria	Germany	Luxembourg	Rumania
Belgium	British Isles	Netherlands	Sweden
Czechoslovakia	Greece	Norway	Switzerland
Denmark	Hungary	Poland	Turkey
Finland			Yugoslavia

ORDERS ACCEPTED NOW FOR IMMEDIATE SHIPMENT

Shipments Must Be Completed

During Januray and February

MUSKMELONS OR CANTALOUPE

A packet of seed will plant about 15 hills; an ounce, 75 hills; 2½ lbs., an acre.

302 **HALES BEST NO. 36**—85 days. Size 5½ x 5½", weight about 3 lbs. Shape, slightly oval and very uniform. Desirable for any purpose, home, garden, roadside stands, and shipping. Flesh, pink, very thick, richly flavored.

310 **HALES BEST NO. 936**—87 days. This is the Jumbo. It serves well those who desire a large melon of this type.

304 **Resistant No. 45** (Also called "Imperial No. 45" and "H. B. No. 45")—86 days. Size 6 x 5½", weight about 4 lbs. It is not only resistant to powdery mildew and the ideal shipping melon, but it is rapidly becoming a leader everywhere. Seed cavity is small, flesh thick and deep colored, delicious flavor. The fact that the seed cannot be jarred loose and remains edible and really better 10 days after picking, makes it a most desirable shipper.

306 **Honey Dew (Gold Rind, Green Flesh)**—110 days. Excellent for roadside stands because of attractive color. Very popular because of its honey-like flavor. Fruits are round, about 7 in. in diameter, smooth and hard, suitable for long-distance shipping. Excellent keepers. The thick, green flesh is sweet and tender.

308 **Hearts of Gold Improved**—88 days. A fine shipping melon as well as general purpose. Medium size, round, and well netted. Flesh orange-yellow, excellent flavor, firm, and holds up well.

CASABA MELONS

300 **Golden Beauty**—105 days. Most popular of the Casabas. It is a bright golden color and deeply wrinkled skin when mature. The flesh is creamy white, sweet and spicy.

Prices on all of above Muskmelons and Casaba—

Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.40;
2-9 lbs., \$2.25 per lb.; 10-24 lbs., \$2.15 per lb.

WATERMELONS

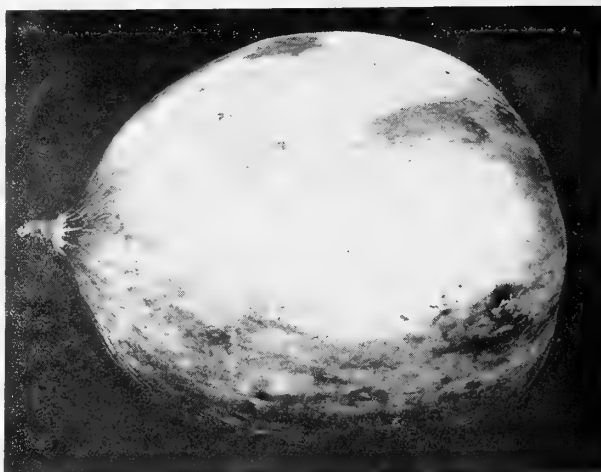
A packet of seed will plant about 8 hills; an ounce, 25 to 30 hills; 2 to 3 lbs. will plant an acre.



Green Klondike

326 **GREEN KLONDIKE**—90 days. Solid dark green, showing light ribs running lengthwise. Truly delicious.

Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 2-9 lbs., \$2.15 per lb.; 10-24 lbs., \$2.05 per lb.



Cranshaw Hybrid

315 **CRANSHAW**—(110 days). A new and different melon of exceptional merit. For the home garden or local market its rich spicy flavor is especially prized. The flesh is bright salmon and very thick; the fruits weighing 7 to 8 pounds each. The fruits are pointed at the stem end and round at the base with a relatively smooth skin mottled green and gold. The vigorous plants are very productive. Pkt. 10c; oz., 30c; ¼ lb., 90c; lb. \$2.75; 2-9 lbs., \$2.65 per lb.

OKRA or GUMBO

A packet of seed will sow 15 ft. of row; an ounce, 50 ft.

340 **Dwarf Green**—50 days. Early dwarf growing variety with dark green pods. Its early maturity and good quality make it popular with market growers.

342 **Clemson Spineless**—55 days. An improved Perkins long-podded type. Awarded All-American silver medal in 1939. A very uniform spineless strain; straight pods rich green.

Price of above—Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.05.

328 **STRIPED KLONDIKE No. 11**—90 days. A new selection of the attractive and universally popular shipping melon which carries the highest sugar content of any commercial variety. The rind is thin, but strong; the flesh is solid and a bright red. Average weight is 30 lbs., slightly larger than the parent strain.

Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 2-9 lbs., \$2.15 per lb.; 10-24 lbs., \$2.05 per lb.

322 **Kleckley Sweet No. 6 (Wilt Resistant)**—88 days. A selected type which has proven almost fully resistant to wilt. Slightly smaller than "Improved Kleckley Sweet," but otherwise identical.

Pkt., 10c; oz., 20c; ¼ lb., 55c; 1 lb., \$1.65.

332 **King and Queen (Winter)** 85 days. An excellent shipper. Flesh is sweet and of fine texture. When properly stored, they remain edible for several months. The color is light cream with faint irregular green stripes. Seeds are quite small and very black.

Pkt., 10c; oz., 20c; ¼ lb., 70c; 1 lb., \$2.00; 2-9 lbs., \$1.90 per lb.; 10-24 lbs., \$1.80 per lb.

ONIONS

A packet of seed will sow about 25 feet of row; half ounce, 100 feet; 3 to 6 lbs., an acre.

352 SWEET SPANISH (Utah Strain Certified) Hundreds of carloads of sweet Spanish Onions are dispatched from Utah districts every season. The importance of onions as a major Utah crop necessitates great care in the selection of a superior strain. Today "Utah Strain" is universally acclaimed for its excellence. Its superiority lies in its deep yellow color, large size, trueness to type, and fine keeping qualities. Only packages of one pound or more will bear the certification seal.

Per lb., \$7.50.

350 SWEET SPANISH—not certified: packet, 10c; ½ oz., 35c; 1 oz., 50c; ¼ lb., \$1.65; 1 lb., \$5.00; 2 to 9 lbs., \$4.75 per lb.; 10 to 24 lbs., \$4.50 per lb.

358 Crystal White Wax—Very large white onion of the Bermuda type. The sweet, mild flavor and large size make it a ready seller on any market. Our stock of this variety is imported from the finest stock available.

Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75; 2-9 lbs., \$3.60 per lb.; 10-24 lbs., \$3.50 per lb.

360 Southport White Globe—A fine white onion. The bulbs are round, medium large, solid, and pure white. The flesh is waxy, fine grained, and mild. Keeps well in fall storage. For large market growers, it always commands the highest prices.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50; 2-9 lbs., \$4.35 per lb.; 10-24 lbs., \$4.20 per lb.

362 P.W.'s White Sweet Spanish—Similar in shape, size, and habits of growth to P.W.'s Sweet Spanish Onion. It has a beautiful white skin which makes it a desirable onion for market. The flavor is unusually sweet and mild. A fairly heavy yielder and the bulbs sell for the top market prices.

Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00; 2-9 lbs., \$5.75 per lb.; 10-24 lbs., \$5.25 per lb.

366 Barletta—The best extra early small variety for pickling and green bunchings. Bulbs are small, flat, pure white, of mild, sweet flavor. Sow about 50 lbs., per acre.

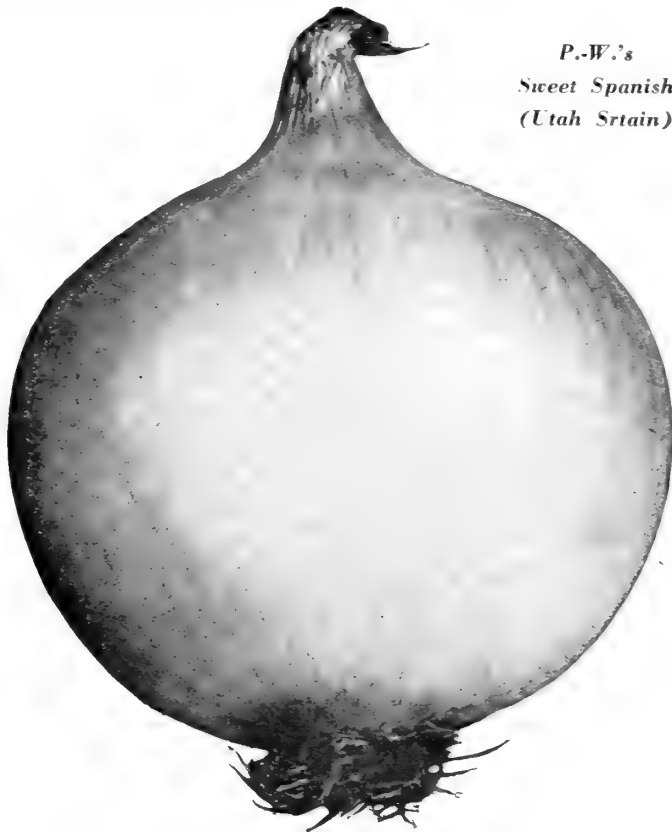
Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; lb., \$4.00; 2-9 lbs., \$3.90 per lb.; 10-24 lbs., \$3.75 per lb.

373 WHITE LISBON—Grown almost exclusively as an early bunching onion. It is round with a thick neck and tender white flesh. If allowed to mature the round bulbs will reach almost three inches in diameter.

Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.20; lb., \$3.50; 2-9 lbs., \$3.25 per lb., 10-24 lbs., \$3.00 per lb.



A field of Utah Sweet Spanish.



*P.W.'s
Sweet Spanish
(Utah Strain)*

372 White Portugal or Silverskin—An all purpose variety used in great quantity. Excellent for sets, pickling, green bunching, or for storage. A dependable cropper.

Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.35; lb., \$4.00; 2-9 lbs., \$3.90 per lb.; 10-24 lbs., \$3.75 per lb.

ONION SETS

*A quart (1 lb.) will set
75 to 100 feet of row.*

Onions grown from sets mature 3 to 4 weeks earlier than those grown from seed.

376 Yellow Sets

378 White Sets

1 lb., 35c; 2-9 lbs., 30c per lb.;
10-24 lbs., 27c per lb.

If by mail add postage at zone rate.



Onion Sets

ONION THRIPS

DDT MOST EFFECTIVE CONTROL

3290 Dura Dust No. 50 for mixed water spray.

1 lb. pkg., 90c; 4 lb., bag, \$2.25; 40 lb. bag, \$21.50.



PEAS

A packet of seed will sow about 10 feet of row; a pound, 100 feet; 100 to 200 pounds, an acre.

VICTORY FREEZER

ALL-AMERICA SELECTION



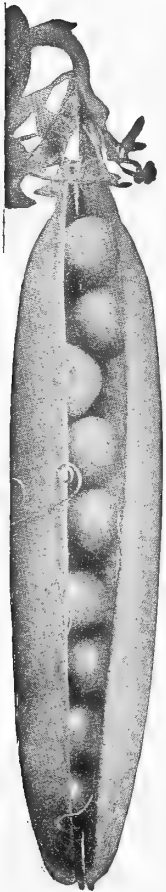
Catalog No. 398

VICTORY FREEZER PEA—65 days. This outstanding new All-America selection is best adapted to the modern use of home freezer or locker storage. It was bred for the yield and high quality of Thomas Laxton but the berries do not lose their skin in freezing. The medium sized, dark green peas are delicious in flavor, tender all the way through, and apparently skinless.

In Victory Freezer greater hardiness to cold and to heat has been developed. Its heat resistant quality allows wider garden use. The wilt resistant vines are medium heavy, about 28 inches producing 3 to 3½ inch pods in pairs instead of singly.

Pkt., 20c; 1 lb., 40c; 2 to 4 lbs., 35c per lb.; 5 to 9 lbs., 30c per lb.

- 382 **Bliss Everbearing**—76 days. Popular home garden sort. Vines, 30 in. tall; dark green, thrifty, of long bearing period. Pods, 3 in. long, blunt.
- 386 **Giant Stride** (Wilt resistant) 75 days. This is the largest podded variety of commercial importance. Especially adapted for the market gardener and shipper. The vine grows 28 to 30 inches tall with large dark green foliage and heavy stem. The pods are 5½ in. long, dark green and plump, containing 8 to 10 large tender peas. **Giant Stride** is an excellent variety for cold storage use.
- 390 **Laxton's Progress**—63 days. Produces the largest pods of any of the early dwarf varieties. Popular for long-distance shipping, also for home and market gardeners. We offer a very superior strain of this leading variety. Ordinarily two pickings will clean the vines. Vines, 18 in. tall; pods, 4½-5 in. long, containing 7-9 large, tender peas.
- 392 **Little Marvel**—62 days. An outstanding early dwarf pea for home gardens. Vines 18 in. tall, vigorous, and heavily laden with pods 3 in. long, blunt. They are very attractive peas and are esteemed for their high table quality. The peas are fairly large at table stage.
- 396 **Stratagem**—80 days. Fine late variety for home gardens, market growers, long-distant shippers. 24 in. vines; 4½ in pods; color, dark green. A very fine variety and a heavy yielder.



Laxton Progress

Each of above, pkt., 20c; 1 lb., 40c; 2-4 lbs., 35c per lb; 5-9 lbs., 30c per lb.

NOTE: Prices are quoted on the basis of the quantity of each variety ordered.

QUANTITY PRICES

f.o.b. Salt Lake City

Quantity rates are allowed only on orders for 10 or more pounds of a single variety. When ordering several varieties the price must be calculated separately for the respective quantity of each variety ordered.

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Bliss .....	.24	.23	22.00
Giant Stride .....	.24½	.23½	22.50
Laxton's Progress .....	.24½	.23½	22.50
Little Marvel .....	.24	.23	22.00
Stratagem .....	.24	.23	22.00

GROW BETTER LEGUME CROPS

The NITRAGIN 10c Garden Size Inoculator—good for any amount up to eight pounds of Garden Peas, Sweet Peas, Lupines, Garden Beans, Lima Beans and Soybean Seeds—is packed in a special scientific metal foil lined can.

Catalog Number 4140

10c each

PARSLEY

1 oz. 150 feet of row,
3 to 4 lbs. per acre.

- 402 **Champion Moss Curled**—A vigorous compact sort. Deep green color and attractive foliage. One of the best for market or home use.
 406 **Hamburg (Rooted)**—Fleshy roots resembling parsnips. Flesh, white. Roots may be dug and carried through winter like turnips. 100 days.
 Prices, either of above—Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25; 2-9 lbs., \$1.20 per lb.

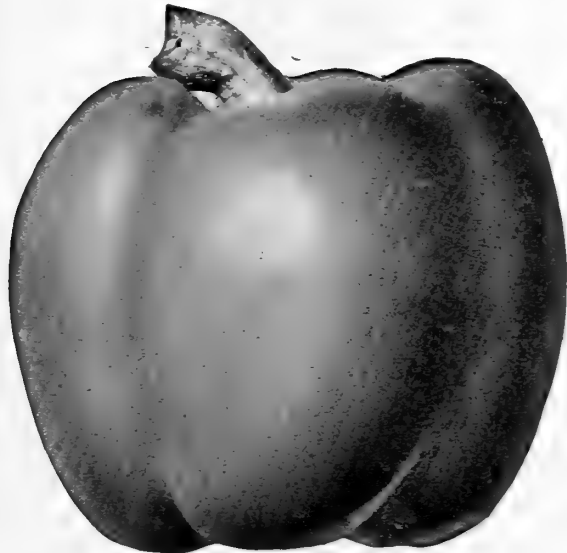
PARSNIPS

1 oz. for 100 feet,
5 to 6 lbs. per acre.

- 408 **Ideal Hollow Crown**—Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular.
 Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 2 to 9 lbs., \$1.00 per lb.
 410 **New Harris White Model**—This is considered by all market gardeners who have tried it, an improvement over the Hollow Crown. It is of medium length, smooth, and pure creamy white. The absence of side roots and the ease with which it is harvested are important points in its favor.
 Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10; 2 to 9 lbs. \$1.00 per lb.



New Harris Model Parsnip



California Wonder XXX

PEPPERS

1 oz. per 1,000 plants

- 420 **California Wonder XXX Strain**—Has all the qualities desired in a stuffing pepper. Grows 4 inches in length and 3½ inches in diameter. A fine, sweet and tender pepper with very thick walls. Smooth, glossy, green fruits, changing to crimson when ripe. The most uniform and highest quality strain.
 Pkt., 10c; ½ oz., 55c; oz., 95c; ¼ lb., \$3.25; lb., \$9.50.
 428 **Anaheim Chili**—A hot late variety, popular because of its agreeable pungency. Fruits are 6-8 inches long, 1 inch wide, tapered.
 Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.25; lb., \$6.75.
 430 **Long Red Cayenne**—Strong and pungent; fruits about 5 inches long and ¼ inch thick.
 Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.25; lb., \$6.75.
 436 **Red Chili**—Small, bright red, hot and pungent. About 2 in. long and ¼-½ inch thick.
 Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.25; lb., \$6.75.

PUMPKINS

1 oz. 20 hills; 3 lbs. per acre.

- 412 **Connecticut Field (Big Tom)**—Large orange colored fruits, flat on the ends with smooth, hard rind. For canning or pies, also used largely for stock feed.
 Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.65; 2 to 9 lbs., \$1.55 per lb.; 10 to 24 lbs., \$1.50 per lb.
 418 **Sugar Pie Pumpkin**—A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet.
 Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.65; 2 to 9 lbs., \$1.55 per lb.; 10 to 24 lbs., \$1.50 per lb.

PEPPER PLANTS

6060 California Wonder XXX

Sturdy, well grown plants with plenty of roots.

Quantity	Price	Shipping Weight
10 to 99 plants	3½c per plant	½ lb. per 10
100 to 499 plants	2½c per plant	4 lbs. per 100
500 up	2c per plant	4 lbs. per 100
Plants in flats		
Approximately 85 per flat—Express or Truck Shipment.	\$1.75 per flat	30 lbs. per flat

TRANSPANTONE

Reg. U. S. Pat. Off.

Reduces Loss in Transplanting

- 4119 Most plants stop growing for a time if they are moved or transplanted. Transplantone is formulated to supply the plant with the chemicals which stimulate root formation and growth at this vital period. It is not a fertilizer.
 ½ oz., 25c; 3 oz., \$1.00; lb., \$4.00.

SHIPPING WEIGHTS

Although all stock in this catalog is priced f.o.b. Salt Lake City, the weight of vegetable seeds in packets and ounce size need not be considered with shipping weights for postage. Include weights for postage on each item of ¼ pound or more.



Sugar Pie Pumpkin

POTATOES

10 lbs., 100 feet of row—800-1,000 lbs. per acre.

Seed Potatoes

- 440 Bliss Triumph—Early. Tubers nearly round, smooth, reddish-pink, with shallow eyes. They yield enormous crops.
 442 Idaho Russet—The best baking potato. Its pearl white, dry and mealy flesh cannot be surpassed. Late maturing.
 444 Irish Cobbler—The leading early, round, white potato. Potato prices are subject to market changes. Write for quotation.

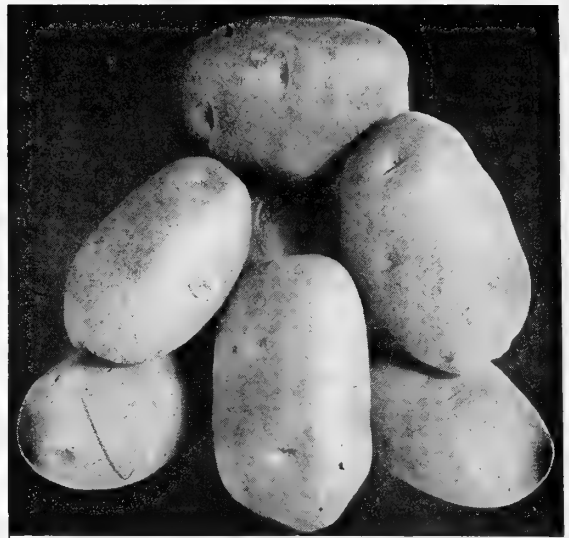
Imp. Semesan Bel
 — Controls seed-borne Rhizoctonia and scab. 2 oz. will treat 6 to 8 bushels.

3513

SEMESAN BEL

For Highest Production

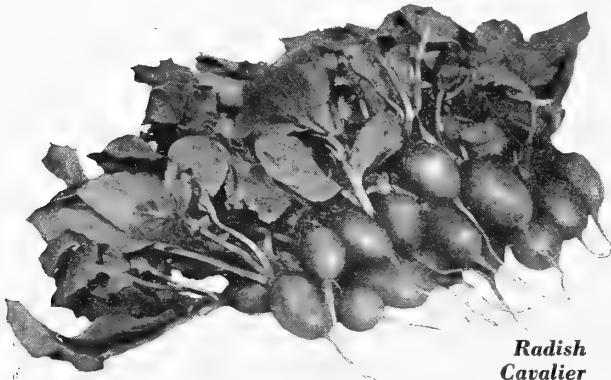
Prices—2 oz. pkg., 35c; 1 lb., \$1.83; 4 lbs., \$6.33.



P.-W.'s Mountain Crown Potatoes

RADISHES

1 oz., 50 feet of row—3-4 lbs. per acre.



Radish Cavalier

- 452 P.-W.'s Sparkler—The radishes are round, brilliant scarlet with white bottoms. Ready for the table in 20 days from planting. Its color gives an appetizing appearance.
 454 Crimson Giant—29 days (Long standing)—This is the largest of the early radishes. It is deep crimson in color with white flesh of unexcelled quality.
 456 French Breakfast—24 days. A splendid variety, medium-sized, olive-shaped, very crisp and tender; scarlet color with white tip.
 458 Early Scarlet Globe (Medium Top)—It is preferred for general outdoor culture where a good top is desired for bunching. Rich scarlet color; tender, mild flavor. Bred for uniformity of slightly oval globes. Crisp white flesh of splendid quality.
 460 Icicle—Pure white, slender, and tapering in shape. The flesh is crisp, and of splendid flavor. 27 days.
 Radish Prices—Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 95c; 2 to 9 lbs., 90c per lb.; 10 to 24 lbs., 85c per lb.; 25 to 99 lbs., 80c per lb.; 100 lbs. \$75.00.

- 455 Cavalier—Because of its medium top growth in hot weather, Cavalier is the best of the Scarlet Globe types for summer plantings. It matures quickly with uniform, olive shaped roots of brilliant scarlet. Cavalier is very early and a valuable radish for greenhouse forcing. Flesh crisp and firm.
 Prices—See next column.

Winter Varieties

- Seed for winter radishes should be sown about the first of August. For winter use, the roots should be pulled and packed in damp sand stored in a cool cellar.
 466 Celestial or White Chinese—Pure white, firm.
 Price— Pkt., 5 c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

RHUBARB OR PIE PLANT

- 7007 Victoria Roots—25c each; 3 to 9, 17c ea.; 10 to 29, 12c each; 30 to 100, 10c each.
 7009 MacDonald Red—This variety is now generally considered the best red Rhubarb obtainable. The stalks are very large and bright crimson in color. They are tender, of excellent flavor and when cooked they make a delicious deep pink sauce. Propagated only from divisions.
 Strong Roots, 65c each; 3 to 9, 60c each; 10 to 29, 58c each; 30 to 100, 52c each.
 Shipping weight—1½ lbs. each.

SAGE

- 480 S. Officinalis—An indispensable perennial much in demand for seasoning.
 Pkt., 10c; ½ oz., 55c; oz., 95c; ¼ lb., \$3.25
 6070 One year plants—45c each; 3 to 9, 42c each; 10 to 29, 40c each; 30 to 100, 36c each.
 Shipping weight—½ lb. each.

SALSIFY

- Cultivate the same as carrots. Can remain in the ground all winter for early spring use.
 486 Mammoth Sandwich Island—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored.
 Pkt., 10c; oz., 55c; ¼ lb., \$1.85; lb., \$5.50.



Rhubarb, MacDonald Red

SPINACH

$\frac{1}{4}$ lb. seed will sow 200 ft.;
12 to 20 lbs., an acre.

490 **Bloomsdale Long Standing Improved**—(Savoy-leaved)—We offer a wonderfully well-bred strain. Large, deep green, well crumpled leaves which produce enormous crops and stand a long time without bolting to seed. Highly recommended to spinach growers who demand only the finest.

Prices—Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c; 2 to 9 lbs., 65c per lb.; 10 to 24 lbs., 60c per lb.; 25 to 99 lbs., 58c per lb.; 100 lbs. \$55.00.



Spinach Bloomsdale Long Standing Improved

SQUASH

Summer Squash

$\frac{1}{4}$ lb. of seed will plant about 100 hills;
5 to 6 lbs. of seed an acre.

502 **Early Prolific Straightneck**—The fruits are very uniform for shape and size and the skin is a clear, bright yellow color, with no trace of green even when young. Small vine growth allows thick planting. They are usable when only 4 to 5 in. long and until 12 to 14 in. long.

504 **Cocozelle Bush**—Is long and cylindrical. Dark green when young, and fine flavored. Bush vines.

506 **Early White Bush**—Fruits are rather small, quite flat, with scalloped edges. They are produced in amazing quantities, and if kept picked will bear until frost. Snow-white at all times.

510 **Early Yellow Summer Crookneck**—Fruits heavily warted and golden yellow in color. We have a beautiful pure line strain.

512 **Zucchini Black**—Replacing Cocozelle. Fruits long and slender, showing a black green color when young. We believe they have a better flavor.

Price, each of above—Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.65; 2 to 9 lbs., \$1.55 per lb.; 10 to 24 lbs., \$1.50 per lb.



Zucchini Black

Winter Squash

$\frac{1}{4}$ lb. of seed will plant 50 hills;
3 to 4 lbs. of seed an acre.

514 **Banana (Pink)**—Popular winter squash. Fruits 18 to 24 inches long and about 7 inches in diameter. Color, flesh fine-grained, deep yellow, dry, and sweet.

516 **Chicago Warted Hubbard**—Dark green, flesh dry and sweet. Very hard shell insures long keeping qualities. It is the largest of the green Hubbards and is thickly covered with warts. Undoubtedly the most popular of any squash in this class.

520 **Golden Delicious**—The color is a bright golden with lighter stripes. An excellent small squash for roadside and market; also widely used for canning. Wonderful flavor.

522 **Golden Hubbard**—It is a little smaller than the Green Hubbard types and a few days earlier. Fruits 8 to 10 lbs., orange-red color. Flesh deep orange, dry and of good quality. Keeps well.

Price, each of above—Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10; 2 to 9 lbs., \$1.95 per lb.; 10 to 29 lbs., \$1.85 per lb.

524 **Table Queen (Acorn)**—An individual size squash. Outside color, green; flesh, light orange; dry, sweet flavor.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.65.



Chicago Warted Hubbard

SWISS CHARD

$\frac{1}{4}$ lb. of seed will sow 250 ft. of row;
10 lbs., an acre.

496 **Fordhook Giant**—The rich dark green leaves are very crinkled, thick, and quite tender, making excellent boiling greens. The wide, pearly-white stems are delicious if prepared like Asparagus. The appealing dark green color makes Fordhook the leading variety.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25; 2 to 9 lbs., \$1.15 per lb.; 10 to 24 lbs. \$1.05 per lb.

498 **RHUBARB CHARD**—A valuable novelty, with dark green crumpled leaves above bright crimson stalks. Very attractive in appearance and excellent in flavor.
Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00; 2 to 9 lbs., \$1.90 per lb.

KILL SQUASH BUGS

SURELY — EASILY

Sabadilla dust kills both young and adult bugs.

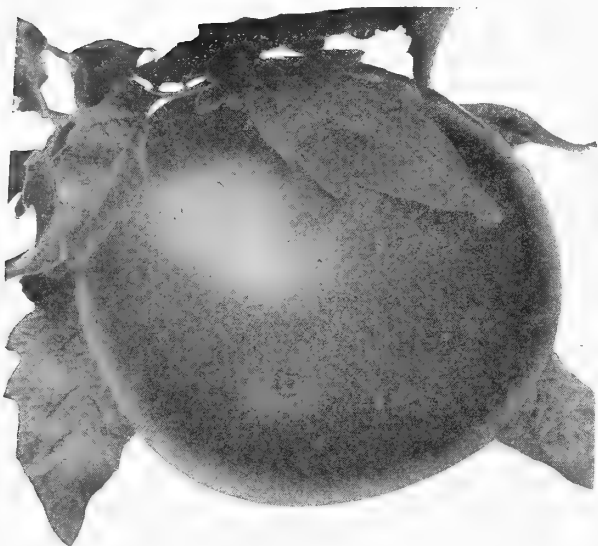
Does not retard plant growth.

3313 **SABADILLA DUST** 1 lb., 55c; 3 lbs., \$1.35; 50 lbs., \$12.50.

Although all stock in this catalog is priced f.o.b. Salt Lake City, the weight of vegetable seeds in packets and ounce size need not be considered with shipping weights for postage.

TOMATOES *The Pride of Your Garden and Table*

An ounce of seed will produce about 2,000 plants. Approximate number of days from setting plants to ripened fruits are indicated.



Indiana Baltimore

537 INDIANA BALTIMORE—(80 days) This is an improved strain of the Greater Baltimore, a midseason tomato of long popularity. The fruits of Indiana Baltimore are heavy, firm and thick-meated; and deep red in color. The skin is smooth and free from cracks and ridges. Greater productivity is also one of the improved characteristics of this excellent home garden and canning tomato.
Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$5.00.



TURNIPS

*It requires 1 to 1½ lbs. of seed per acre in drills.
An ounce will sow 300 feet of row.*

560 Purple Top White Globe (Special Strain)—This fine stock produces the world's finest turnips. Large, smooth, and delicious flavored. The color is snow white with a rich purple top; the flesh is firm, fine-grained and tender. It is the standard home, market, garden and shipping variety and always sells at advanced prices over ordinary sorts.
Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 75c; 2-9 lbs., 70c per lb.; 10-24 lbs., 60c per lb.

RUTABAGA OR SWEDE TURNIP

570 American Purple Top—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine-grained, very sweet and tender.
Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00; 2-9 lbs., 95c per lb.; 10-24 lbs., 85c per lb.

530 P.-W.'s EARLY CANNER—The fruits are smooth, very red, and not susceptible to cracks. Vines are compact in habit, allowing three plants in the space ordinarily required for two. Many years have been spent in tests and selection, to combine the virtues which make it an outstanding variety for all gardeners. 70 days.

Pkt., 10c; ½ oz., 60c; oz., 95c; ¼ lb., \$3.25; lb., \$9.50.

536 Earliana Special—We earnestly believe our strain is the finest of this first early type. Fruits are medium size, flattened globe-shape, deep scarlet-red, firm and smooth. 66 days.

Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.75; lb., \$8.00

540 Stokesdale—An excellent medium early tomato, ripening in season of John Baer and adapted for market and canning. The fruit is medium size, deep globe shape, very solid and of fine quality. The vines are very prolific.

Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00; lb., \$6.00.

542 Stone (Improved)—Enormous yielder. Valuable for the market gardener, trucker, and canner. Bright deep scarlet fruits; large and flat, but deep; smooth and solid. 86 days.

Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.85; lb., \$5.50.

556 Huckleberry (Wonderberry)—The fruit is as large as as grape and jet black when ripe. Makes delicious pies, jellies, jams, etc.

Pkt., 10c; ½ oz., 65c; oz., \$1.10.

P.-W.'s STURDY TOMATO PLANTS

For many years we have made a speciality of growing tomato plants. Our plants are transplanted into flats, scientifically grown, sturdy and well hardened; and are far superior to plants taken directly from the seed bed or greenhouse to the field.

6080 P.-W.'s Early Canner
6082 Earliana

6088 Imp. Stone
6086 Stokesdale

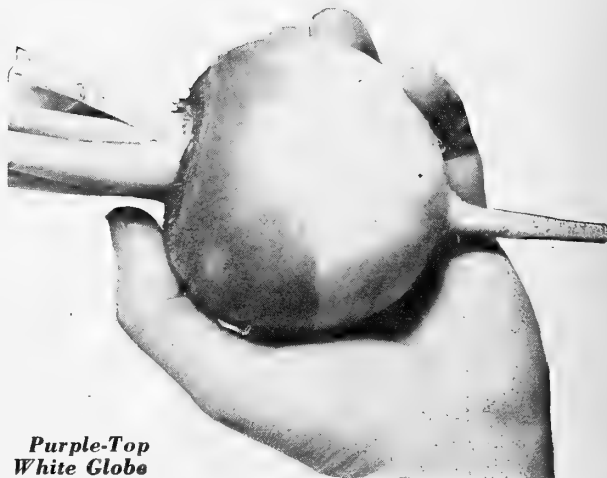
Ready from about May 1 to June 25th.

Prices and Shipping Weights

Tomato Plants Ready May 1st to June 25th

Quantity	Price per plant	Shipping Weight
10- 99 plants	3½c	½ lb. per 10
100-499 "	2½c	4 lbs. per 100
500 up "	2c	4 lbs. per 100

Plants in flats
Average approx. 85 per flat—\$1.75 per flat
Express or Truck Shipment 30 lbs. per flat



**Purple-Top
White Globe**

Enjoy These Vegetable Luxuries

**FRESH – APPETIZING
MORE HEALTHFUL**

*when picked from
your own garden*



307

CABBAGE GREEN ACRE

Green Acre is a superior, new, early cabbage. It is about 5 days later than Golden Acre but has larger heads and attractive deep green color.

See Page 7

TENDERGREEN BEAN

Our stock of this variety has become so popular with our customers that today it stands out as the leading stringless greenpod sort. Maturing in 53 days, the pods are dark green, stringless and free from fiber. **Tendergreen** is a dependable cropper for home or commercial gardens.

See Page 5

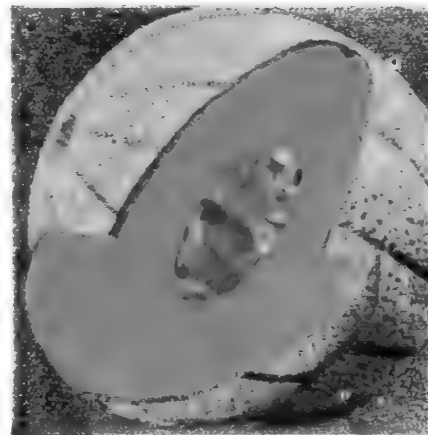


310

MUSKMELON HALES BEST 936

Our most popular home garden melon. This strain of the important shipping and market melon, "Hales Best 36", produces larger fruits which are highly prized by the home gardener. The flesh is thick, deep orange and has a delicious spicy flavor.

See Page 12



170

MARCROSS C613 – Hybrid Sweet Corn

Best of the early hybrid sweet corns, Marcross C613 is endowed with high productivity, uniformity and a most delicious flavor.

See Page 9



458

SCARLET GLOBE (Early) RADISH

Early Scarlet Globe Radish is preferred by home and commercial gardeners alike because of its uniform size and rich color, crisp tender flesh and medium top growth which permits easy bunching.

See Page 16



Annual Flower Novelties

Exciting new flowers
for your 1948
garden



No. 1262
Marigold
MAMMOTH MUM

Largest of the Chrysanthemum-flowered Marigolds. The 30-inch plants produce long stemmed flowers of clear light yellow, with many narrow incurved petals. Excellent garden or cut flower.

Pkt. 25c



(Left) Cat. No. 1122

Cosmos Radiance

Cosmos Radiance is a brand new and different variety. Its distinct zoned center and rich colors set it apart from any other Cosmos you have ever seen. The petal color is deep rose and the zone, not merely a deeper rose, but a true rich crimson. The flowers of Radiance are impressively larger than those of other Sensation varieties. Its habit is neat, compact, and erect; characteristically its own.

After dark, under artificial light Radiance is at its best. Assuming a glowing velvety richness it proves its value as a cut flower. The stems are long; it flowers excellently when cut in the bud and has exceptional lasting qualities. Highest rated in the All America trials for 1948 it was awarded the Silver Medal, missing the possible Gold Medal award by only a few points.

Pkt. 25c

(Right) 955

Asters *Princess Mixed*

Last year this charming new Aster made a "hit" with thousands of western gardeners. The crested centered flowers of clear rich colors make a pleasing effect in the garden and when cut. Neat, compact plants with abundant foliage and excellent branching hold their flowers erectly in a natural bouquet. Wilt resistant, early blooming.

Pkt. 25c



The Finest

Flower Seeds

TO GET THE MOST FROM YOUR GARDEN

Study the code letters accompanying each family or variety name and the key on page 77 to gain many cultural tips which will enable you to grow a greater variety of flowers with added success. It takes only a minute to find when and where to plant and also the general use of any flower.

For Quick Growth . . .

. . . Early and Continuous Blooming
The quick easy and dependable means
to your last minute
Beautification Project

Semi Dwarf Snapdragons

Nanum Grandiflorum
(16-20") *ajrFCN*

This year we offer for the first time four new colors. These are clear lively shades which will brighten your flower borders and make lovely bouquets for indoors.

927 **DAINTY**—Numerous spikes of soft pink flowers.

929 **HARMONY**—Aptly named for its harmonious combination of terra cotta and yellow with shades of rose.

931 **RED ROCKET**—Bright gleaming red. Blooms consistently on strong base branched stems.

933 **ROSE SENSATION**—A lovely shade of rich rose pink. One of the most popular garden colors.

947 **SUPER MAJESTIC MIXTURE**—Hundreds of shades and color combinations make this one of the most interesting blends imaginable. A bed of Super Majestic Snapdragons will keep your garden and home beautiful all summer.

Each of above, Pkt. 25c.

MAXIMUM SNAPDRAGONS (30-36")

Tallest of the Snapdragon family this strain is preferred where long stems and large flowers are required.

940 **Blend of Maximum Super Giants**—Not a random mixture, but a studied combination of harmonizing colors in their various shades and tints.

Price: Each of above, pkt., 25c.

944 Tetra Snapdragons

This new race of Giant Snapdragons has met with great favor among garden hobbyists all over the country. The exceptionally large flowers are prettily ruffled, produced in larger spikes on 30 inch stems. Base branching in habit, the giant spikes are all long-stemmed. Wonderful for cutting. Pkt. 25c.



Nanum Grandiflorum

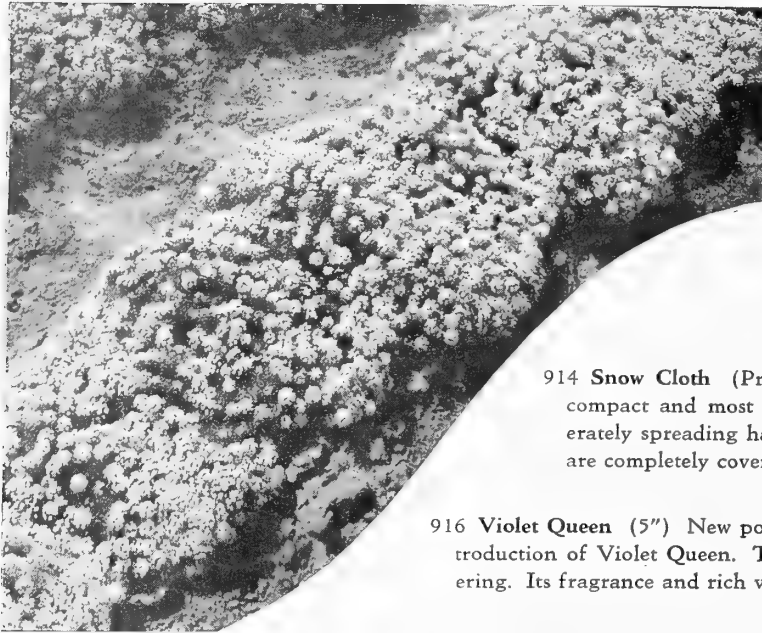
The plants of the Nanum strain are neat, compact and upright and produce simultaneously 10 to 16 well proportioned flower spikes. Because of their medium low, sturdy habit and the fact that they require no staking, they are exclusively recommended for garden beds and borders. As cut flowers also, their straight strong stems make the Nanum Grandiflorums particularly useful for medium or low arrangements. Cutting the blooms encourages growth of new spikes, keeping the beds in flower all season.



"Tetra Snap"

Annuals Make Summer's Greatest Show

Use them throughout the garden for showy beds, cut flower rows and low neat edgings



A border of *Alyssum Snow Cloth*

AGERATUM

904 *Midget Blue* *ajuFH* (3-4") The best and most uniform of all the *Ageratums* in both habit and color. The low mound-like plants make exceptionally pretty narrow ribbon borders. Its deep lavender-blue color balances the light oranges and yellows of taller plants making a garden of pleasing harmony. **Pkt., 35c.**

ALYSSUM *ajuFHN*

914 *Snow Cloth* (*Procumbens*) (4") *Snow Cloth* is the dwarfest, most compact and most floriferous variety in the *Alyssum* family. Its moderately spreading habit is highly valued for narrow borders. The plants are completely covered with fragrant flowers of pure white.

Pkt., 10c; 1/8 oz., 30c.

916 *Violet Queen* (5") New possibilities in color harmony were opened with the introduction of *Violet Queen*. The plants are dwarf, neatly compact, and free flowering. Its fragrance and rich violet shades are very desirable. **Pkt., 10c; 1/8 oz., 35c.**

ASTERS *aorsCDHN*

The Aster is one of the most satisfactory annual flowering plants. Its various sizes, colors and forms of flowers and its good upright branching habit make it an excellent subject for garden effect as well as for cut flowers.

Below:

Aster Giant Grego Rose Pink



955 **PRINCESS ASTERS MIXED** (20") Wilt Resistant, charming and graceful in both plant and flower. The *Princess Asters* have a full crested center surrounded by rows of broader guard-petals. They offer a slightly more formal effect in the garden as well as when cut for indoor decoration where they have splendid keeping qualities. They bloom early and plentifully. (See full color illustration on page 20.) **Pkt., 15c; 1/32 oz., 35c.**

Early American Beauty—(24-30")—Wilt Resistant—The outer petals reflex the center ones curved gracefully inward. Magnificent for cutting.

960 White	966 Crimson	970 Deep Rose
962 Light Blue	968 Shell Pink	972 Mixed
964 Dark Blue		

Each of above—**Pkt., 10c; 1/16 oz., 30c.**

GIANT GREGO—(24-30")—Wilt Resistant—Large flowers are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed.

974 White	978 Crimson	982 Light Blue
976 Rose Pink	980 Dark Blue	984 Mixed

Each of above—**Pkt., 10c; 1/8 oz., 35c.**

994 **El Monte (Super Giant)**—(24") Immense, brilliant, glowing crimson flowers. **Pkt., 15c; 1/32 oz., 35c.**

996 **Los Angeles (Super Giant)**—(24") Pure, shell-pink. **Pkt., 15c; 1/32 oz., 35c.**

Grow Prize Winning Flowers

Plant the Best Seeds—Give Them the Best Care

BALSAM (Lady Slipper) *aksCHS*

1006 Double Camellia-Flowered Mixture (18")—Today's Balsams are greatly improved over their predecessors. They bloom continuously in many colors.
Pkt., 10; 1/8 oz., 35c.

CALIFORNIA POPPY (Eschscholtzia) *ajsBJN*

1024 Mixed, all colors (8")—Many shades.
Pkt., 5c; 1/2 oz., 30c.

CANDYTUFT *ajsBHN*

1036 Giant Hyacinth-Flowered White (12")—Large spikes of snowy white flowers, sturdy and compact.
Pkt., 10c; 1/4 oz., 30c.

1038 Umbrellata Finest Mixed (12").
Pkt., 5c; 1/4 oz., 25c.

CARNATIONS

1040 Giant Marguerite Mixed (15")—Begin to flower in a few weeks from time of sowing.
Pkt., 10c.

CELOSIA (Coxcomb) *aksFHU*

1046 Crested Dwarf Mixed (15")—Fine dwarf habit with broad compact plumes resembling giant rooster combs.
Pkt., 10c; 1/16 oz., 25c

1050 Plumosa, Finest Mixed (2 1/2-3 ft.)
Pkt., 10c; 1/8 oz., 35c.

CENTAUREAS

1054 Cyanus Blue Boy (24")—Large, fully double flowers of intensified blue. Long stems for cutting.
Pkt., 10c; 1/4 oz., 30c.

1058 Cyanus Mixed (Bachelor Buttons) *akrBGN* (24")—A double flowering mixture of many colors.
Pkt., 5c; 1/8 oz., 15c.

1060 Imperialis Mixed (Sweet Sultan) (30")—*akrBGN*—These large, long-stemmed, sweet-scented flowers are exquisitely fringed and truly graceful in appearance.
Pkt., 10c; 1/8 oz., 20c.

CHEIRANTHUS

(Siberian Wallflower)

1070 Golden Bedder *aknsBJN* (12")
—A very free-flowering plant producing golden yellow flowers.
Pkt., 10c; 1/8 oz., 20c.

CLARKIA *aksFHN*

1080 Elegans Double Mixed (15")—The flowers are best described as resembling sprays of Double Flowering Almond.
Pkt., 10c; 1/8 oz., 40c.



Centaurea Cyanus Double

Improved

Giant Double Calendulas

akrsBDCN

Calendulas are among the easiest of all annual flowers to grow and also one of the most useful for garden beds or for cutting. They begin blooming when quite young, and if kept picked will flower until frost.

1012 CHRYSANTHA or SUNSHINE (18")—Large beautifully formed flowers of overlapping petals, in an arrangement resembling Chrysanthemums. Its color of rich warm buttercup-yellow is a favorite for producing brighter garden effects.
Pkt., 10c; 1/4 oz., 35c.

1016 ORANGE KING—A glowing orange with incurved center petals.
Pkt., 10c; 1/4 oz., 25c.

1018 DOUBLE GIANT MIXED—All colors.
Pkt., 5c; 1/4 oz., 20c.



Calendula Chrysantha Sunshine

Small Successive Plantings in the Cutting Garden Provide "Loads" of Blossoms All Summer

No. 1122 COSMOS SENSATION (Radiance)

(See full color illustration on Page 20.)

Yes, Cosmos Radiance is really new. Not a mere refinement of color or form but an entirely new combination of two new colors. Even novice gardeners can recognize it by its distinct central zone which was inherited from one of its parents; a bicolor species from India.

Radiance is an all 'round flower. Its impressively large flowers of deep rose and rich crimson are beautiful in the garden. It has good long stems, strong enough to arrange easily and the colors, under artificial light, become even more glowing and velvety in appearance. Cosmos Radiance won the Silver Medal of All-America Selections by a wide margin over its nearest contender.

Pkt., 25c; 1/16 oz., 60c.

COSMOS *ajstFHN*

Giant Early Flowering Sensation (5'-6')—The unusual size (3-4" diameter) of the Sensation Group and its new individual colors are putting Cosmos "Back on the Map" in many gardens.

1114 **Dazzler**—Rich, deep crimson.

1118 **Pink**—Sparkling rose pink.

1120 **White**—Pure and glistening.

1124 **Mixed Colors**—Many beautiful shades.

Price of Sensation varieties: Pkt., 10c; 1/8 oz., 25c.

1106 **Early Double Cosmos (5')**—Smaller than the sensation type, but of very pleasing form. Pkt., 10c; 1/16 oz., 40c.

CYNOGLOSSUM (Chinese Forget-Me-Not)

1130 **Firmament ajsFH (18")**—A new dwarf type of Chinese Forget-Me-Not with flowers of vivid indigo blue. Bronze Medal Winner.

Pkt., 10c; 1/4 oz., 30c.

DIANTHUS (Garden Pinks)

1132 **Best Single Mixed ajsBN (10")**—Garden Pinks.

Pkt., 10c; 1/8 oz., 25c.

1134 **Best Double Mixed ajsBN (10")**.

Pkt., 10c; 1/8 oz., 20c.

FOUR O'CLOCKS

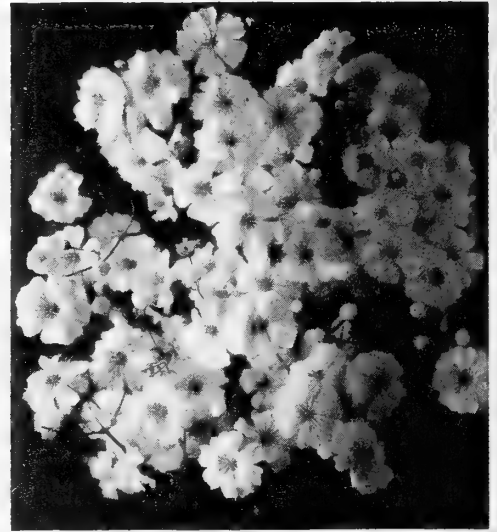
1148 **Four O'Clocks (Mirabilis) (2') ajsFH**—Showy plants that do well everywhere. Flowers open in the afternoon except on cloudy days when they bloom all day. Mixed colors. Pkt., 10c; 1/4 oz., 25c.

GODETIA (12") *ajsfH*

People who live in higher valleys where the summers are not too hot will find these showy flowers unexcelled.

1158 **Dwarf Single Mixed.**

Pkt., 10c; 1/8 oz., 35c.



Gypsophila Covent Garden

GOURDS (8') *akEHU*

Large Gourd fruits make attractive decorations at harvest festivals. The small ones may be placed in bowls for table decorations. Bird houses, dippers, bowls, and toys are made of others.

1160 **Small Varieties Mixed**—

Pkt., 5c; 1/2 oz., 20c.

1164 **All Varieties, Mixed**—Pkt., 5c; 1/2 oz., 20c.

GYPSOPHILA

1168 **Elegans Covent Garden ajrBH (2')**—Large, pure white. Several sowings will keep up a supply. Pkt., 10c; 1/2 oz., 20c.



THE NEW KING LARKSPURS *akrsFGN*

The new King Larkspurs are the last word in this important floral family. In size, in richness and clarity of color, and in abundance of flowers they have not been equaled. Together with the Giant Imperial strain they complete a fine color assortment.

1194 **CARMINE KING**—Carmine

1202 **BLUE SPIRE**—Blue

1204 **LILAC KING**—Lilac

1206 **LOS ANGELES**—Salmon

1208 **ROSE KING**—Rose

1210 **WHITE KING**—White

1218 **GIANT IMPERIAL MIXED**—These and other beautiful shades.

Price—Each of above, Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c.

Annual Flowers for Cutting are Easily Grown In the Borders of the Vegetable Garden

HELICHRYSUM *akrs*CHN

- 1170 **Strawflower** (24")—Mixed, all colors.
Pkt., 10c; 1/8 oz., 45c.

LOBELIA *aku*FKS

- 1224 **Crystal Palace Compacta** (6") — Rich, deep blue, dark foliage.
Pkt., 10c; 1/32 oz., 45c.

MARIGOLD *ajst*FKH



Marigold Spry

- 1262 **MAMMOTH MUM** (30")—(See full color illustration on page 20)

In the All-America flower trials for 1944 Mammoth Mum won the 2nd award. It is the largest of the "Mum" flowered Marigolds. The long sturdy stems make them exceptionally fine for cutting. Made up of many finely cut and intertwined florets, the blooms are fluffy and ball-like in appearance. Soft, pleasing sulphur yellow. Pkt., 25c; 1/16 oz., 60c.

- 1256 **All Double Orange** (48")—Splendid large orange flowers of the improved African type.

- 1260 **All Double Lemon** (48")—A clear attractive lemon yellow of large size.

Either of above: Pkt., 10c; 1/8 oz., 45c.

- 1264 **All Double Mixture** (48")—Extra large double flowers in particularly well blended colors. Pkt., 10c; 1/8 oz., 45c.

- 1272 **Dwarf French Double Monarch Strain** (20")—A greatly improved strain, very compact with large double flowers in combinations of orange, bronze, yellow, and mahogany. Pkt., 10c; 1/8 oz., 35c.

- 1268 **Miniature (French Double) Spry** (9")—Winner Silver Medal, 1941. Clear yellow, crested center, with mahogany-red guard petals. One of the neatest of its type and an excellent low border.

Pkt., 10c; 1/8 oz., 35c.

- 1280 **Sunkist**—Silver Medal Winner 1943. The tiny six- to eight-inch mound-like plants are literally covered with blossoms. Grand for bedding, borders or pot culture. Pkt., 10c; 1/8 oz., 35c.

- 1284 **Signata Pumila (Gnome)** (6")—Dwarf plant, with delicate, fern-like leaves, densely covered with single flowers of bright golden yellow.

Pkt., 10c; 1/16 oz., 25c.

Gleam Hybrid Nasturtiums

GLEAM HYBRID NASTURTIUMS (12") *aksu*FHR

Double flowers and sweet fragrance go far toward making this group one of the most used annuals. Their habit is also neat and compact and the flowers are long stemmed.

- 1324 **Golden Gleam**—A blaze of golden yellow.

- 1328 **Scarlet Gleam**—Fiery orange-scarlet.

- 1332 **Gleam Hybrids**—A gorgeous color array.

Any of above: Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00.

SINGLE NASTURTIUMS

- 1310 **Best Tall Single Mixed** (24").

Pkt., 5c; oz., 35c.

- 1314 **Best Dwarf Single Mixed** (12").

Pkt., 10c; oz., 35c.

Quantity prices: 1/4 lb., \$1.00; lb., \$3.00.

NICOTIANA

The flowers open toward evening and emit a fragrant perfume.

- 1370 **Affinis Choice Mixed** (2').

Pkt., 10c; 1/4 oz., 35c.

1266 Gypsy Jewels

Gypsy Jewels Mixture is an exceptionally fine dwarf growing form of the popular Gigantea type. The plants grow only 12 to 18 inches tall, but produce many sweet scented flowers which are as large as 4 to 4 1/2 inches in diameter. They are neat, compact and very free flowering, ideal for low beds. The colors range widely through the brilliant shades of orange, yellow and primrose.

Pkt., 10c; 1/8 oz., 25c.

MORNING GLORIES

- 1298 **Heavenly Blue**. The purest, richest sky blue shading to soft creamy white in the throat. It blooms very early and continues until frost. Pkt., 10c; 1/4 oz., 30c.

- 1294 **Pearly Gates**—A grand early flowering pure white. It companions Heavenly Blue in its nature of growth, size and quantity of bloom. Pkt., 10c; 1/8 oz., 35c.

- 1300 **Tall Mixed**—All colors.

Pkt., 5c; 1/2 oz., 20c.

- 1291 **CRIMSON RAMBLER**—The best red Morning Glory for planting with Heavenly Blue and Pearly Gates. The color is a striking ruby red emphasized by an attractive white throat and tube; a really pleasing effect. Pkt., 10c; 1/4 oz., 20c.



Morning Glory Crimson Rambler

PANSIES (5") akruFJS

1380 **Giant International Mixture**—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings.

Pkt., 50c; 1/32 oz., \$1.35.

1384 **Rogli's Swiss Giant**—Substantial, well-rounded, huge flowers are supported by long stems. Flowers measure as large as 4-5 in. across.

Pkt., 50c; 1/32 oz., \$1.75.

1392 **Rocky Mountain Giants**—A fine Swiss strain grown in our own Rocky Mountains. It has been outstanding in our trials for balance of colors and large size of blooms. Pkt., 50c; 1/16 oz., \$1.25.

6500 **PANSY PLANTS** — Giant flowering plants carefully grown from the world's finest strains. Price 75c per doz. Plants ordered by mail will be wrapped in 1/2 dozens. Add 15c per dozen for postage and packing. Express shipments will be packed 12 plants per basket (4 baskets per crate) \$5.00 per 100.



Swiss Giants in Colors

- 1398 **Berna**—Dark violet blue.
- 1400 **Coronation Gold**—The best true golden yellow.
- 1402 **Alpinglow**—Rich garnet-red.
- 1404 **Rhinegold**—Large yellow with dark center.
- 1406 **Swiss White**
- 1408 **Lake of Thun**—Marine blue.

Price of any of above: Pkt., 50c; 1/16 oz., \$2.00.

Scotch or Tufted Pansies (Viola Cornuta) (5") ajruFJS—Bloom all Summer from seed sown in early Spring and are valuable for rock gardens, edging beds and borders. Requires protection during winter.

1420 **Mixed All Colors.**

Pkt., 50c; 1/32 oz., \$1.00.

PETUNIAS ajsFKL

ALL DOUBLE PETUNIAS

1447 (Mixed)

We are happy to again offer to our customers a good Double Petunia. This new strain has fully double and daintily fringed flowers, 2 1/2 to 3 inches in diameter. The colors include many lovely shades and combinations of rose, pink, purple, white and cream. The luxuriant effect of these fine Double Petunias is equaled by no other flower of as easy culture.

125 seeds, \$1.25; 500 seeds, \$3.50.



Petunia Snow Queen

GIANT FLOWERING FRINGED TYPE

- 1422 **Dwarf Giants of California (Ramona Strain)**—Dwarf ruffled and fringed, with open, well-marked throats. Pkt., 50c.
- 1426 **Ruffled Monsters**—Giant flowers with large throat and exquisitely ruffled edges; many bewitching shades and colors. Pkt., 50c.
- 1427 **Theodosia (20")** A distinctive variety with large fringed flowers of rich rose-pink with a clearly defined golden center. Its size, form and pleasing color contrast are reason enough for its wide popularity. Pkt., 50c.

GIANT FLOWERING SINGLE

- 1430 **Elk's Pride (Improved Purple Prince)**—Largest, darkest, and best velvety purple. Pkt., 50c; 1/64 oz., \$2.50.

1429 SNOWSTORM IMPROVED

The most beautiful of all white Petunias. A shadow of yellow in the throat adds extra richness to the glistening white of the large 4- to 5-inch blooms. Pkt., 50c.

SINGLE BEDDING TYPES

For continuous profusion of bloom, vivid coloring, and ease of culture, this class of Petunia is unsurpassed. The newest varieties are of more dwarf habit, very neat and compact.

- 1432 **Celestial Rose (12-15")**—A beautiful rich satiny rose. Pkt., 25c; 1/32 oz., 45c.
- 1438 **Blue Bedder (12-18")**—Dwarf free flowering. Pkt., 25c; 1/32 oz., 45c.
- 1433 **GLOW (10-12")**—An All American Silver Medal Winner. The most vivid red dwarf Petunia. The plants are dwarf and bushy; and are covered with 2 1/2 inch flowers of dazzling carmine red. Pkt., 25c; 1/32 oz., 60c.
- 1442 **Snow Queen (12-15")**—Compact, pure satiny white. Pkt., 25c; 1/32 oz., 45c.
- 1444 **TOPAZ QUEEN (12-15")**—A scarlet rose of unusual depth that does not fade. Its habit is uniformly compact and its flowers are larger than the average of this type. Pkt., 25c; 1/32 oz., 60c.
- 1436 **Hybrida Mixture (18-24")**—Unending variety of color. Pkt., 10c; 1/16 oz., 40c.

Mix small seeds such as Petunias with fine sand before sowing. The seeds will have more space to grow into sturdy plants.

P.-W.'s Giant Sweet Peas akorFGS

Summer Flowering Spencers (72")

We offer the very choicest and most distinctive varieties, each one in its respective color is sure to give entire satisfaction.

- 1580 **Bonnie Briar**—A sparkling rose pink of immense size.
- 1582 **Capri**—Wonderful light blue, with long stems. A fine, vigorous grower, and most desirable in every respect.
- 1588 **Flora**—Clear deep lavender self.
- 1590 **Golden Dragon**—Large blooms, with blended shades of bright orange, and soft orange rose.
- 1592 **Loch Lomond**—Mahogany.
- 1594 **Maytime**—Rich golden cerise with large flowers and long stems.

- 1598 **Rubicund**—A crimson scarlet, vigorous in growth.
 - 1600 **Snow White**—Immense blooms of solid paper white.
 - 1604 **Welcome**—A really magnificent dazzling scarlet. A vigorous grower with excellent stems.
 - 1610 **P.-W.'s Silver Medal, Blend**—The finest assortment of Giant Spencers obtainable at any price. A formula mixture containing 75 named varieties, including the latest novelties.
- Any of above: Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.

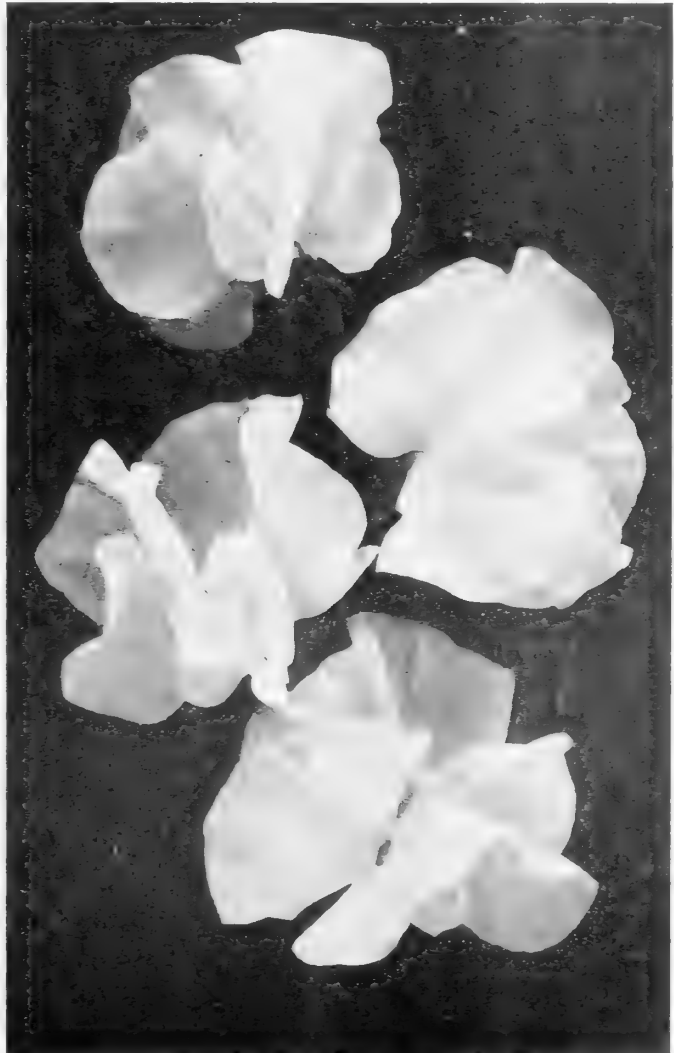
Early Flowering Spencers (72")

This new type is in great demand for forcing under glass and for outdoor culture, coming into flower five or six weeks earlier than the summer flowering type. If flowers are kept picked, will continue to bloom over a period of nearly four months.

- 1550 **Bacchus**—Mammoth rich red maroon on long firm stems.
- 1552 **Bridesmaid**—Deep silvery pink with stems unusually long. Large flowered.
- 1554 **Eileen**—Rich begonia rose. A color novelty.
- 1556 **Fragrance**—Large clear lavender, ruffled and fragrant.
- 1558 **Hope Improved**—Mammoth flowers of pure white. One of the most pleasingly formed of all Sweet Peas.
- 1560 **Iris Blue**—A strong growing deep "Iris Blue."
- 1564 **Sequoia**—Enormous flowers of rich golden cerise. A standard of comparison.
- 1566 **Sterling**—Large salmon rose on strong stems.
- 1568 **Susanna**—Carmine Red.
- 1570 **Treasure Island**—A sparkling golden orange; very large.
- 1572 **P.-W.'s Early Flowering Spencer, Best Mixed**—The above and many other varieties properly blended for a harmonious color effect.

Price—Any of above:

Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.50, lb. \$7.50.



Sweet Pea Hope Improved

4937 TRAIN-ETTS

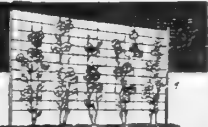
TRAIN-ETTS

New Weatherized

TRELLIS NETTING Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 1, 60x72 in. 65c; No. 2, 60x96 in. 85c; No. 3, 60x180 in. \$1.25.



PHLOX DRUMMONDI *aks FKN*

1462 **ALL COLORS MIXED** (15") The bushy, half spreading plants are excellent for bedding and low informal borders. They bloom in large heads of clear, bright colored flowers. Pkt., 10c; 1/16 oz., 40c.

POPPIES *aks*

1470 **American Legion**—Lovely, single, bright orange-searlet with maltese cross.

1472 **Shirley, All-Double Mixture**—Re-selected all-double blooms with the full range of colors found in both old and new.

1474 **Shirley, Single Mixed**—Satiny flowers of various colors.

All Annual Poppies: Pkt., 10c; 1/4 oz., 30c; oz., 80c.

PORTULACA (4")

1480 **P.-W.'s Large Flowering Single Mixed**. Pkt., 10c; 1/16 oz., 25c.

1490 **P.-W.'s Double Mixture**—Pkt., 10c; 1/32 oz., 35c.

RICINUS *ajntHS*

1500 **Castor Bean (Zanzibariensis Mixed)** (10')—The ornamental leaves beautifully lobed are 2 1/2 to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 5c; oz., 35c.

SALVIA *aksDLP*

1520 **America or Globe of Fire** (18")—The most uniform in habit and the most continuous bloomer of all Salvias, America is the best for border plantings. Its color is striking vivid scarlet. Pkt., 50c.

1521 **BLAZE OF FIRE** (14-16")—Smaller and more compact than America. The outstanding characteristic of Blaze of Fire is its extra early blooming habit. The plants are strong, robust and floriferous; the flower spikes brilliant red. Pkt., 50c.

The Gorgeous Zinnia *akrsFHN*

GIANT DAHLIA — FLOWERED (36")

The flowers often measure 4 inches in depth and 4-6 inches across and are abundantly produced. They are most desirable of all the large double Zinnias.

1680 **Canary Bird**—primrose yellow.



Zinnia Dahlia Flowered

Salpiglossis (30") *ajsCG*

Most attractive; should be in every garden. Each flower is veined with a glint of gold.

1504 **Emperor Finest Mixed**—Large improved strain, complete range of colors.

Pkt., 10c; 1/8 oz., 30c.



Salpiglossis Mixed

SCABIOSA *ajrFL*

1540 **P.-W.'s Giant Hybrids**—Includes all the new and rare colors. An unrivaled mixture. Pkt., 10c; 1/8 oz., 25c.

1542

SCARLET RUNNER BEAN

(8') *aktCHS*

A great favorite, not only as an ornamental climber, but for the delicious edible beans which succeed the spray of bright scarlet, pea-shaped blossoms. Oz., 10c; 1/4 lb., 30c.

STOCKS *aksBHK*

1620 **IMPROVED 10 WEEK, MIXED** (12") (Illustrated in full color on the front cover)—This beautiful and fragrant flower is deserving of still wider planting in the home gardens. Give them a place in well drained soil where summer heat is broken for part of the day, and never let them get dry. Their reward to you will be generously surprising. Pkt., 25c; 1/4 oz., 55c.

VERBENAS

1652 **Giant Hybrids Mixed** (12") *aksFHNS*—A magnificent strain of Verbenas; robust, free blooming. It has more flowers to each truss. The florets are large and the colors carefully blended. Pkt., 10c; 1/16 oz., 40c.

(Dahlia Flowered Zinnia—Cont'd)

DAHLIA FLOWERED ZINNIA (Continued)

1682 **Crimson Monarch**—flaming crimson.

1684 **Dream**—deep lavender blue.

1686 **Exquisite**—light rose with center deep rose.

1690 **Polar Bear**—white.

1692 **Will Rogers**—lovely brilliant scarlet red.

1696 **Giant Dahlia Flowered**—gold medal mixed.

Price each of above:

Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 55c; 1 oz., \$1.65.

ZINNIA LILLIPUT (18") (below)

1712 **CHOICE MIXTURE**—The plants are symmetrical, attractive little bushes supporting innumerable miniature double flowers. The colors cover a wide range from lilac thru red, salmon and yellow, to white. They are very desirable for cut flower arrangements.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 45c; 1 oz., \$1.35.



All-Time Garden Favorites

These exceptional, improved flowers are the finest that the plant breeding specialists have produced. They are "tops" in beauty, color and charm.

Below) 6922

PHLOX AFRICA

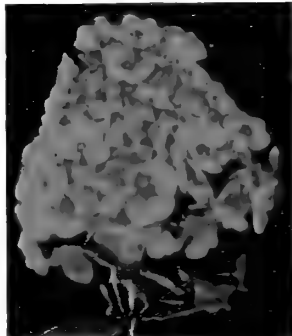
This popular phlox is a consistent performer, hardy, vigorous and healthy. Its rich green foliage lends character and power to the brilliant dark red blooms.
Same price as July Lilies.

Extreme Right)

6624 **Columbine** **MRS. SCOTT ELLIOTS** **HYBRIDS**

Many beautiful shades of blue, white, lavender, red, yellow and pink with exceptionally long spurs characterize this fine strain. We offer husky field grown plants that will bloom the first season after planting. For seeds see page 32.

Plants: Each 40c; 3 to 9 @ 35c each



Below) 6933

PHLOX JULY LIGHTS

An "in-between" shade of red with a soft appealing glow. The plant is medium tall, hardy and early flowering.

Plants: 40c each;
3 to 9 plants @ 35c each

SPECIAL No. 6588

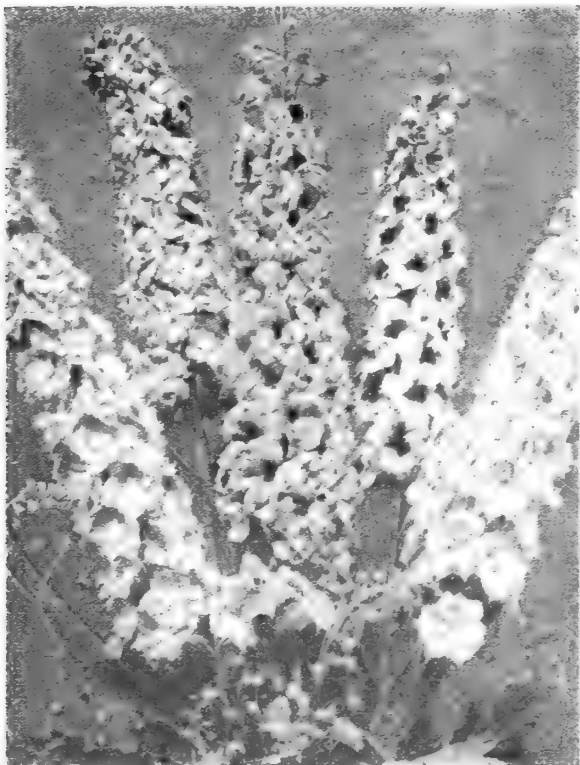
- 1 Africa
- 1 July Lights
- 2 Hybrid
Columbines
- 3 Pac. Hyb.
Delphiniums

7 Sturdy one-year-old, field grown plants (Reg. price \$2.85) offered in a group at this

Special Price
Only

\$2.25

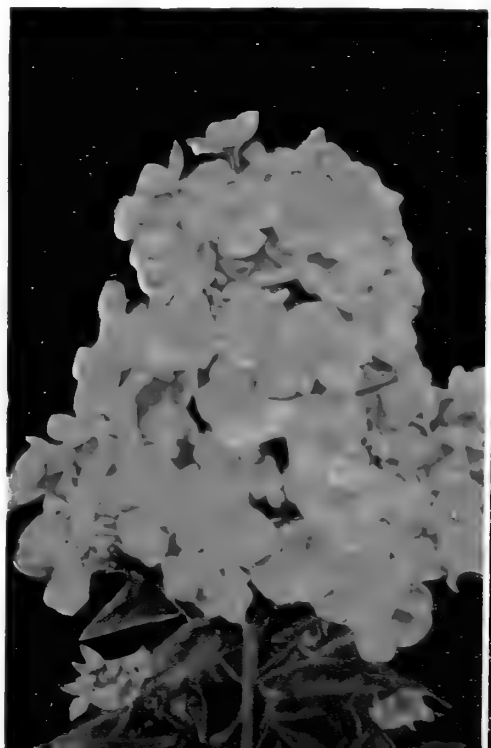
Shipping Wgt. 4 lbs.



DELPHINIUM PACIFIC HYBRID GIANTS

6724 **Round Table Series**— Each year new crosses and blends are added to this already most complete range of Delphiniums. The florets are large, making long, beautiful flower spikes. For seeds see page 33

Plants: 45c each; 3 to 9 plants @ 40c each





Dianthus Rose Cushion

Catalog No. 6746

Here is a perennial plant that answers the long-felt need for a permanent, always neat edging. Its grey, practically evergreen, foliage forms a solid cushion-like mound from the first Spring day until snow conceals it again for Winter. During early summer it is covered with the daintiest of brilliant rose flowers with slender 4-inch stems and spicy fragrance. The foliage of Rose Cushion grows only 3 to 4 inches tall and 6 to 8 inches wide.

Plants, 55c each; 3 to 9 @ 50c each;
10 to 29 @ 45c each; 30 to 100 @ 40c each

The Neatest Perennial Border Plant Grown

Chrysanthemums

Best of all Fall flowers for garden beauty or for cutting

6590 **GROUP OFFER**
One each of these excellent Chrysanthemums
4 STRONG PLANTS

Shipping Weight 3 lbs.



6690 (Left)

EARLY BRONZE

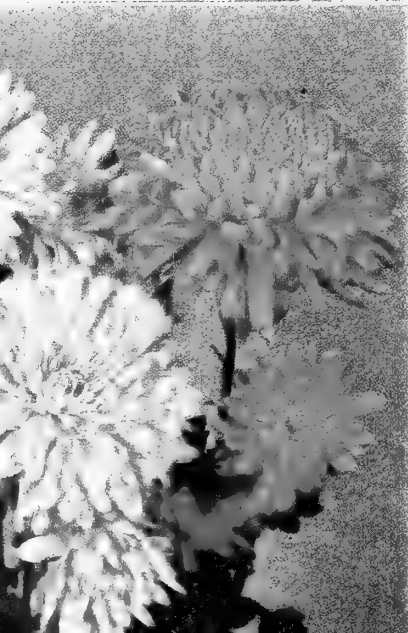
(POMPON)

First of the Pompon Chrysanthemums to bloom, Early Bronze is our most popular pompon "Mum" because it makes such fine bouquets. The flowers, of rich bronze shades, are produced in compact sprays on strong stems.

Plants, 45c each;
3 to 9 @ 40c each

POHATCONG

GOLD STANDARD



6672 (Left)
POHATCONG
(30")

Oct. 10. Medium tall compact grower. Blooms profusely in a very pleasing shade of lavender.

Plants, 45c each; 3 to 9 @ 40c each

6662 (Left)
GOLD STANDARD

The deepest, richest gold you have ever seen, in a fully double flower of broad incurved petals. When disbudded it may be grown to 6 or 7 inches across. Blooms in late September.

Plants, 55c each; 3 to 9 @ 50c each

6654 (Right)
RED VELVET

This sparkling new introduction is a master stroke for glorified garden effect as well as for fine cut flowers. A velvety crimson when opening, it turns to a darker, richer and more lasting crimson upon maturity. The healthy plants are covered with heavy, attractive foliage. Perhaps the best of all crimsons.

Plants, 55c each; 3 to 9 @ 50c each



Never Before Such Fine

Garden Chrysanthemums

New and Popular dksuDS

Disbudding down to 8 to 12 blooms to the plant will produce flowers of exceptional exhibition quality which will open a week or more earlier than normal. Even without disbudding, however, you will have the best garden Chrysanthemums you have ever grown.

- 6662 **GOLD STANDARD**—A large double bloom with broad incurved petals of very deepest shade of yellow. It does not fade in the rain or sun. It will produce prize winning blooms up to 7 inches across, when disbudded, or very nice flowers without disbudding. An early variety. (See illustration on opposite page.)
- 6680 **LAVENDER LADY**—A lovely new double flower of true lavender with no trace of mauve, purple or magenta. It is an unusually clean cut and attractive specimen, in full bloom in early October. The beautiful 3 inch blooms are perfectly spaced on branching sprays. (Med. height.)
- 6679 **MATADOR**—Large globe shaped blooms made up of many perfectly incurved petals. Attractive lavender pink. Fully double. Late October.
- 6673 **MRS. PATTIE**—Terra cotta red with gold reverse. A large deep flower with incurved petals. The very earliest variety.
- 6654 **RED VELVET**—Finest red. See color illustration on opposite page.
- 6656 **SANDY RICHIE**—A very lovely and prized variety. The petals are deep crimson with shades of gold on the reverse. A strong plant that blooms in mid October.
- 6658 **White Lady**—Without question White Lady is one of the finest white Chrysanthemums for the garden. It has shades of primrose in the center that lend a distinct richness to its character. The extra large flowers are of excellent form.

Prices: See line "B" at bottom of page.

Proven Early Bloomers

In these selections of early blooming Chrysanthemums you will find a variety of types and colors. Each of them is hardy and dependable and worthy of a place in your garden.

- 6664 **Ember** (36") October 15—A brilliant glowing bronze combining shades of coral and orange. Very beautiful double flowers and the most hardy of our entire list.
- 6676 **MME. CHIANG KAI-SHEK**—Plant Patent No. 634—Beautifully formed flowers, fully double, composed of stiff petals. The color is a blending of chrome-yellow, cadmium-yellow, and soft tinted old gold which under bright sun or artificial light shows a delicate undertone of rose. Plant spreads to about 2 feet, and is about 2 to 2½ feet tall. In full flower in September.

Each, \$1.00; 3 to 9 @ 90c each; 10 up @ 70c each.

- 6681 **NORMANDY** (24-30")—Lovely, delicate pink, deeper in the center, with soft suffusion of coral. The large high centered flowers blooming in early October make wonderful bouquets.
- 6672 **Pohatcong** (30") October 10—Medium dwarf compact grower. Blooms profusely in a very pleasing shade of rosy lavender. (See opposite page.)

Prices: See line "A" in table at right.



White Lady

BUTTON OR POMPON CHRYSANTHEMUMS dksuDS

Pompon Chrysanthemums are unusually effective in the garden, and the flower clusters are particularly useful for table and room decoration. Plants grow 24 to 30 inches tall and bloom profusely.

- 6690 **Early Bronze**—Sept. 25—Light bronze, flecked yellow. (See opposite page.)
- 6694 **Jewel**—October 15—Deep rose.
- 6696 **Judith Anderson**—October 15—Yellow, shaded orange in center.

Prices: See line "A" in table below.

Quantity Prices — Shipping Weights

Chrysanthemum Plants in 3" Wood Bands

Prices per plant for various quantities of one variety

	each	3 to 9	10 to 29	30 to 100
PRICES: A	45c	40c	38c	35c
B	55c	50c	45c	40c
Shipping weight each	1 lb.	14 oz.	¾ lb.	¾ lb.

• Fine Perennials •

That Live Year After Year

Perennials, when once established, are a constant source of pleasure. Their permanence, in fact, is a significant part of their indomitable charm. By wisely selecting early, midseason and late flowering varieties, and grouping them according to their season and habit, your garden can be one of beauty and interest for years to come.

It is fascinating to grow your own perennials from seed. Most varieties will bloom the second year, but some like Coreopsis and Iceland Poppy, when planted in the spring will bloom the first year.

The code letters and the explanations on page 77 will guide you toward growing more varieties of ornamental plants with greater success.

ALYSSUM

1800 *Saxatile Compactum* (Basket of Gold) ckmAJU (12")—
The brightest yellow spring rock garden flower. Pkt. 10c

AQUILEGIA (Columbine) cisBJU

6622 **CRIMSON STAR**—Most striking crimson sepals and spurs with a center carola of contrasting white. A lively combination that has been received by gardeners with great interest and approval. The plant is sturdy and free-flowering, making an admirable subject in the garden. The blooms are fine for cutting. Prices: See line "C" in table on page 33

1820 *Scott Elliot's Long Spurred Hybrids* (26")—A wonderful mixture. Pkt. 10c

6624 Plants. Prices: See line "B" in table on opposite page

ARABIS (ROCK CRESS) (5") cjuxAJN

6626 *Alpina*—Forms spreading tufts covered with sheets of pure white flowers. One of the earliest spring-flowering plants we have. Perfectly hardy and long-lived. Plants only.

See line "A" in table on page 33

BLEEDING HEARTS

7011—Dormant roots available until April 1st.

\$1.00 each; 3 to 9 roots, 93c each; 1 to 29 roots, 89c each
Shipping Weight, 1 Lb. each

Plants established in 1 gallon cans will be ready after April 1st.

\$1.25 each; 3 to 9 plants, \$1.12

Shipping Weight, 12 Lbs. each

COREOPSIS (24") cjrSFJN

1900 *Sunburst*—Highly prized in cut flower decorations for their long graceful stems and exceptionally long keeping quality. One of the few perennials that will bloom continuously when the flowers are kept cut. Pkt. 10c

6718 Plants. See line "A" in table on opposite page



C. Cup and Saucer



Aquilegia Crimson Star

CAMPANULA (Bellflower)

Calycanthema bksBJU (24")—This is the old favorite cup and saucer Canterbury Bell, a flower worthy of perpetuation in every garden of today.

1876 Seeds: Mixed colors. Pkt., 10c.

6708 Plants—Mixed colors only. Price line "B", opposite.

6712 *Cluster Bellflower* (*Glomerata Superba*) (18")—Compact clusters of deep blue bell flowers are held closely around the erect and sturdy stems. A true perennial and a dependable grower. Plants, see line "B" in table on opposite page.

6716 **Percifolia Blue* (*Peach Bells*) ckrBJU (30")—A noble plant for the middle of the hardy border. Large, bright blue flowers neatly arranged around their straight stems which rise from low mounds of peach-like foliage. (Plants only.)

See line "B" in table on opposite page.

1882 *Percifolia Alba* ckrBJU (30")—The white form of the Peach-leaf Bellflower is an outstanding hardy border plant. The artistic sprays are pure glistening white; a truly beautiful perennial. Seed Packet 25c

COLUMBINE

(See *Aquilegia* above)

DIANTHUS *cjuB*

6740 **OLD SPICE** (Plant Pat. No. 499)—Old Spice is a choice hybrid of the old-fashioned Garden Pink. It is as hardy as an oak and grows in neat cushion-like form, bearing prolifically its spicy carnation scented blossoms of rich salmon pink. Plants, 70c each; 3 to 9 plants, 62c each; 10 plants and up, 46c each.

6746 *Dianthus Rose Cushion* (3-4")—As a border or as a dainty novelty flower plant *Dianthus Rose Cushion* has no equal. The compact cushion-like mounds of silvery green foliage are neat and attractive all summer. In early summer the cushions are covered with dainty fragrant blossoms of brilliant rose. (See full color illustration on Page 30.)

55c each; 3 to 9 plants, 50c each; 10 to 29, 45c each; 30 to 100 plants, 40c each

DIGITALIS (Foxglove) (48") bosBJN

1950 *Gloxiniaeflora Mixed*—For stately and picturesque beauty, these have not been surpassed. The long tubular, spotted flowers hang in a mass on spikes 2'-3' long. Mixture includes purple, rose, yellow and white. Pkt. 10c

6748 Plants. See line "A" in table on page 33

PACIFIC HYBRID DELPHINIUM (72")

cjtBJS

Since the introduction of this superb class of giant Delphiniums it has become everyone's favorite. The huge florets 2½" and more in diameter are practically 100% double. Our seed stock comes directly from the originator and our plants are grown from especially selected strains.

1910—**Black Knight Series**—Dark Blue

1916—**Galahad Series**—White

1918 **Guinevere Series**—A clear pink lavender with white bee.

The individual florets range up to 3 inches in diameter.

1927 **Percival Series**—A companion to the Galahad Series. The large glistening white flowers with contrasting black bees are beautifully spaced on long tapering spikes.

1920 **Summer Skies Series**—Clear Blue

1914 **Round Table Series**—Many different crosses and blends are included in this mixture. Seed: Pkt. 50c; 1/32 oz., \$1.50

DELPHINIUM PLANTS

6728 Galahad Series

6724 Round Table Series

Prices: See line "B" below

GEUM (18") *cjrBCJS*

6754 **Mrs. Bradshaw**—Large double rich scarlet blossoms. The deeply veined rich green foliage is also extremely attractive. One of the finest perennials for summer blooming.

Prices: See line "A" below

HEMEROCALIS (40") *djsC*

6760 **HYPERION**—Largest yellow day lily.

Prices: See line "D" below

HOLLYHOCKS (72") *cktBJN*

1994 Double Mixed.

Seed, Pkt., 10c

BEARDED IRIS

Write for our summer list which will include Bearded Iris.

SIBERIAN IRIS

An established clump often produces fifty or more flowering stalks. Grows long, thin tubular stems with ornamental grass-like foliage.

6894 **Peggy Perry 32"**. Early. Dainty ruffled, rich violet blue with a white center.

6898 **Snow Queen 36"**—An exquisite iris of snowy whiteness and firm wax-like texture. The flowers are large, well formed and produced in great abundance.

Prices: See line "A" below

IRIS, SPURIA

6900 **Ochroleuca 42"**—A Beardless variety of the Iris family that is rapidly growing in popularity. It is hardy and easy to grow, thriving in almost any location but performing best where it has plenty of water. Flowers of soft white with a golden signal patch on the falls emerge in unusually artistic arrangement on tall sturdy stems. Its late season of flowering (after the Bearded Iris) and graceful form make it a most valuable cut flower plant as well as an ideal garden perennial. Plant in spring or fall. Price: See line "C" at right

LILY-OF-THE-VALLEY

7013 **American Pips** (for outside planting only)—Extra strong pips. Sold only in bunches of 25 pips each.

25 to 50, \$2.20 per bunch; 75 to 225, \$1.95 per bunch; 250-up, \$1.75 per bunch

LUPINUS *cjsCM*

2020 **RUSSELL STRAIN (36")**—Long, well-rounded symmetrical flower spikes of striking beauty. The color range is enormous. Gold Medal, Royal Horticulture Soc., 1937.

Seed: Pkt., 25c



Florets of Pacific Hybrid Delphiniums

PEONIES

7038 **OFFICINALIS RUBRA**—8.6. Very early. Rich and brilliant deep crimson, double flowers.

\$1.00 each; 3 to 9, 93c each; 10 to 29, 89c each

7059 **PEONY MIXTURE**—(Red, Pink, and White varieties). Save both money and growing time by planting some of these strong 3 to 5 eye roots this spring.

90c each; 3 to 9, 84c each; 10 to 29, 80c each

Average shipping weight 1½ Lbs. per root

ICELAND POPPIES *cjsFJU*

2050 **Sanford's Giants Mixed**—This new strain of Iceland Poppies, we believe, is the finest obtainable. Great care in selection and reselection has produced a wonderful color balance, immense flowers and greater length of stems.

Seed Only.

Pkt. 25c

PRICES—SHIPPING WEIGHTS

Prices per plant for various quantities of one variety

QUANTITY	Each	3 to 9	10 to 29	30 to 100	
PRICES	A	30c	28c	26c	24c
	B	40c	35c	31c	28c
	C	45c	40c	38c	35c
	D	55c	50c	45c	40c
	E	75c	70c	65c	
Avg. Shipping Weight Per plant	1 Lb.	¾ Lb.	½ Lb.	¼ Lb.	

Perennial Phlox

THE BEST PLANT FOR MIDSUMMER FLOWERS

NO SUMMER GARDEN IS COMPLETE WITHOUT A PHLOX GARDEN

Perennial phlox is the backbone of the summer garden. No other perennial affords as many rich and varied colors and blooms as abundantly during the so called "off season." There need be no more uncolorful seasons in your garden if you plant a few of these grand new phlox in prominent spots throughout the border. Deep, consistent moisture, fertile soil and a little shade in the afternoon are ideal for them.

Novelties and Giants *dosCU*

6939 PROGRESS

Extremely large flower heads with 1½ to 2-inch florets of a superb light blue accented with purple blue eyes. The color varies with the difference in climates and is particularly effective where cool damp nights prevail.

6935 PURPLE HEART

It is with justifiable pride that we offer to our customers this superior phlox variety. The individual florets are medium large and carried in good size trusses. Its eye catching color is a brilliant live shade of deep blue purple, intensified by a darker center and given "sparkle" by the dainty cream colored anthers.

Whenever flowers of Purple Heart have been displayed they have commanded the attention of amateur and veteran gardeners alike. We believe that you, too, will be proud to grow Purple Heart in your garden.

6943 SALMON BEAUTY

A real giant, having florets up to 1½ inches across and supported in large trusses on stalks 30 inches tall. A white eye in the giant salmon-pink florets makes this one of the most colorful of all phlox. The warm tones blend richly with other phlox colors. Salmon Beauty will add a splash of richness to your borders during midsummer.

Prices: See table, page 33, line "D"

PHLOX SUBULATA

(Moss or Mountain Pinks) (6")

6956 Vivid—The plants are very dwarf and exceptionally neat in habit. Lovely miniature bright pink flowers.,

Price: See table, page 33, line "B"

Popular Phlox

6922 AFRICA

The flower heads are large and well shaped; composed of large brilliant carmine red florets, each with a blood red eye. Good strong stem and mildew resistant plant.

6930 DAILY SKETCH

A compelling magnificent rose, drawing one in for a close-up of its beauty. Immense flower heads of soft salmon pink florets with striking crimson eyes. An outstanding variety 3 to 3½ feet tall.

6933 JULY LIGHTS

An early blooming variety of medium height and good form. The color is soft rose red. Each floret is enriched with a deeper blood red eye.

6942 MRS. JENKINS

(Independence). Its vigorous growth and free flowering habit make it one of the best for mass planting. Pure white.

Each of above see table, page 33, line "B"

A
Phlox
Garden

Inset,
Daily
Sketch



Perennials Cont.

PRIMULA

(Polyanthus) (8")
cluAMS

2060 **GIANT MUNSTEAD STRAIN**
—A wonderful improved strain of English polyanthus bearing giant flowers in many new and desirable colors. Pkt. 50c

6960 **PRIMULA PLANTS**—See table page 33, line "C"

PYRETHRUM

(Painted Daisy) (24")
cjrBJ

2070 **ROSEUM SINGLE AND DOUBLE MIXED**—An excellent variety of colors. 15% to 25% of the plants produce double flowers. Seed: Pkt. 25c

6968 **PYRETHRUM PLANTS**—
See Table, page 33, line "B"

SHASTA DAISY

Chrysanthemum Maximum

6698 **MOUNT SHASTA** djrsC (30")—The aristocrat among Shasta Daisies. A beautiful pure white with high crested, fully double flowers 3" across. The sturdy, erect stems add to its remarkable character.

Plants only: See table page 33, line "C"

VINCA djgxBN

6992 **Minor** (Grave Myrtle) (4")—Glossy evergreen foliage forms a dense carpet sprinkled with blue flowers.

6994 **Major** (10")—This variety has larger leaves and is more erect than Minor. Plants only, either of above.

See table, page 33, line "A"



SWEET WILLIAM

(Dianthus Barbatus) (18")
ejsBJN

2150 **Single Giant-Flowered Mixed**—
Pkt. 10c

2160 **Double Giant-Flowered Mixed**.
Pkt. 15c

2170 **NEWPORT PINK** — Large
Single flowers. Pke. 15c

2180 **Scarlet Beauty**—Large
single. Pkt. 15c

6976 **SWEET WILLIAM PLANTS**
Single and double Giants Mixed.
See table, page 33, line "A"

TEUCRIUM (12")

cjpuNW

6984 **Chamaedrys** — Dense bushy plants with glossy evergreen foliage resembling dwarf boxwood; may be used in place of boxwood where the latter is not hardy. Can be clipped to suit any height up to 12 in. Plants only, see table, page 33, line "B"



Pyrethrum Roseum

VIOLET

6996 **Odorata** (Sweet Violet) (6") cjlxqAJ—The popular, well-known violet. Large, single deep violet blue flowers of exceedingly rich fragrance. Plants.

6997 **ROYAL ROBE**—This glorious new variety has extra large flowers of a lustrous shade of deepest violet blue. They are delicately fragrant and open wide like a viola, often measuring up to 1 inch across. The sturdy plants form a mound of large leaves from which strong erect stems grow to 6 inches or more in length.

Either of above, see table, page 33, line "B"

CONVENIENT GIFT CERTIFICATE

APPRECIATED ANY TIME — ANYWHERE

Now you can send a gift of living plants, shrubs or trees to anyone, anywhere from California to Maine. Just order a Gift Certificate for \$5.00 or more for any Anniversary, Easter, Mother's Day or Christmas, and the recipient can redeem it at planting time with the plants of his or her own choice.

Badge No. _____	<h2>Gift Certificate</h2>	Value \$ _____
Cert. No. _____		Date _____
American Association of Nurserymen, Inc.		
THIS CERTIFICATE redeemable in plants of the value of _____ DOLLARS at any retail member nursery of the AMERICAN ASSOCIATION OF NURSERYMEN, INC.		
Issued to _____		
ISSUING NURSERY _____		
ADDRESS _____		
REDEEMING NURSERY _____		
Donor _____	ISSUE & NURSERY RECORD	

Payments to redeeming Nursery guaranteed by The Employers Liability Assurance Corp., Ltd.

The Gift Certificate Plan is sponsored by the American Association of Nurserymen. Certificates are redeemable at over 1100 Member Nurseries from Coast to Coast.

A gift of Plants Will Grow in Beauty and Value

● SUMMER FLOWERING BULBS ●

Numerals in () indicate approximate height at maturity in inches (") or feet (').

Begonias

TUBEROUS ROOTED (10-12") fls

Few plants can equal the Tuberous Rooted Begonia for garden show in brilliancy of color, duration, and perfection of bloom. The ideal situation is in a filtered sunlight where there is plenty of fresh air, protected from strong winds, as on the north side of buildings where they receive sunlight a portion of the day.

For best results, the tubers should be started indoors in January or February. Plant first in moist sand, and after they are well sprouted, put them in 4 in. pots in good, rich soil (about one-third Peat or leaf-mold, one-third well-rotted manure, and one-third good sandy loam).

About June 1st, plant outdoors, spacing plants about 12 inches apart each way.



Tub. Begonia—Camelia Flowered

DORMANT BULBS

1½" to 2" tubers available February 1st to March 15th

Double Giant Camelia Flowered

8514 Pink 8510 White
8516 Salmon 8512 Orange
8518 Red 8519 Mixed
Double Fimbriata Flowered—
8529 Mixed Only.

STARTED PLANTS

For transplanting in open ground May to July

Double Giant Camelia—

6300 White 6305 Salmon
6302 Orange 6306 Red
6304 Pink 6307 Mixed
Double Fimbriata—
6315 Mixed only.

See Prices and Shipping Weights below

8566 MONTBRETIAS flrsCH

Giant Mixed (24-30")

The flower stems are very fine for cutting. The mixture contains many bright shades of yellow, salmon, scarlet and orange.

8568 RANUNCULUS ejorsN

(Buttercup)

A wonderful range of colors. Culture: Best germination is acquired by placing tubers in a flat of sand, cover about one inch and keep moist. Place in a cool room for about one week or until sprouted, then plant outdoors when the soil becomes warm, placing the claws downward. They thrive in a drained sand loam. A small amount of peat moss or rotted compost should be worked into the soil to a depth of six inches, if needed. Before planting, the bed should be thoroughly watered. Cover the bulbs 2" and set 4-6" apart. Water sparingly until plants are well established, then they can use an abundance of water.

8570 TIGRIDIA flrsN

(Shellflower of Mexico)

Few flowers are more gorgeously colored or so beautiful. Plant in sunny position in a flower border in well-drained soil. Blooms from middle of July to September. Culture: Space large bulbs six to seven inches apart and five inches deep. They require average moisture, but can use lots of moisture during blooming season. ¾ to 1" bulbs.

PRICES—BULBS AND BULB PLANTS ON THIS PAGE

Prices per each for any desired quantity of one kind

	Each	3 - 9	10 - 29	30-100	Avg. Shipping Weight
Tuberous Rooted Begonia Tubers	\$.30	\$.25	\$.23	\$.21	1 Lb. per 10.
Tuberous Rooted Begonia Plants	.50	.46	.43		14 Oz. Each
Canna Roots	.20	.18	.16	.15	½ Lb. Each
Canna Plants	.35	.33	.30	.28	1½ Lbs. Each
Maderia Vine Roots	.15	.14	.13	.12	¼ Lb. Each
	1 - 9	10 - 49	50 - 99	100-249	
Anemone	.08	.07	.06½	.06	¼ Lb. per 25
Montbretias	.12	.11	.10	.09	½ Lb. per 25
Ranunculus	.08	.07	.06½	.06	¼ Lb. per 25
Tigridia	.12	.11	.10	.09	½ Lb. per 25

8508

ANEMONE

(St. Brigid Strain) (6-12") eorsS

These lovely poppy-like flowers are exceedingly brilliant when in flower and excellent for cutting. The flowers range from single to fullest double, in white, crimson, cobalt blue, lavender, heliotrope, rose pink, or salmon. The season for planting outdoors is early spring. Spring plantings bloom in summer. Culture same as Ranunculus.

CANNAS (4') flsCN

8552 King Humbert—Scarlet flowers, bronze foliage. Large flowers freely produced, and handsome, broad tropical foliage.

8554 The President—A rich glowing scarlet with immense rounded flowers, seven inches across, produced on strong stalks well above the heavy foliage. Free bloomer.

8556 Orange Humbert—A vigorous grower. Rich orange.

8558 Yellow King Humbert—Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3½ inches in diameter.

CANNA PLANTS

Strong plants. Available April 20th through June.

6325 King Humbert 6326 The President

6327 Yellow King Humbert 6328 Orange Humbert

See Prices and Shipping Weights in table at right

MADEIRA VINE fjtCN

8562 Climbing Mignonette—A vine which will cover a large space in a short time. Fleshy heart-shaped leaves, and racemes of feathery fragrant flowers.

• Gorgeous Dahlias •

CONTINUOUS BLOOM FROM SUMMER UNTIL FROST

LARGE EXHIBITION CLASS

RED

8610 **American Triumph** (C)—Unusual form. Spiky incurved petals in a bright shade of oriental red. 75c each; 3 to 9, 70c each

8614 **Clara Clemens** (Ball)—Deep rich red tipped with white. A favorite with the florists. \$1.00 each; 3 to 9 tubers, 90c each

8618 **Eleanor Francis** (ID)—A vigorous plant producing many large long-stemmed flowers of bright vermillion red. Excellent cut flower. 60c each; 3 to 9, 55c each

WHITE

8673 **DARCY SAINSBURY** (FD)—This spectacular beauty is sure to win the blue ribbons at the flower shows. It is one of the largest and most showy whites. 75c each; 3 to 9, 70c each

8675 **Jersey Dainty** (C)—Unequaled, in the large white class, for cut flower arrangements. Beautiful white, often tinged with pink. 60c each; 3 to 9, 55c each

YELLOW AND YELLOW BLENDS

8643 **GINGER ROGERS** (ID)—A marvelous plant with a profusion of deep sulphur yellow flowers. The huge blooms are held high on long, stiff stems. \$1.50 each; 3 to 9, \$1.35 each

8648 **Miss Glory** (SC)—The flowers of luscious apricot yellow are perfect in form and massive in size. Its profuse blooming and perfect stems also are among the qualifications that class Miss Glory with the best Dahlias grown. 75c each; 3 to 9, 70c each

ORANGE AND BRONZE

8654 **Freda Monich** (ID)—A color that is different in dahlias, startling, intense mahogany bronze. A color novelty—a garden prize. \$1.50 each; 3 to 9, \$1.35 each

8657 **TRIUMPH DE PARIS** (C)—Outstanding, both in the garden and as a cut flower. The rich orange flame which blends to yellow at the center is always exceedingly attractive. 75c each; 3 to 9, 70c each

BLUE

8658 **Blue River** (FD)—Large, and a profuse bloomer. As near to blue as we have in a dahlia. 75c each; 3 to 9, 70c each

LAVENDER

8668 **Washington Giant** (D)—Truly a giant. Pure lavender blended silver with long stiff stems. 60c each; 3 to 9, 55c each

PINK

8635 **Louise** (SC)—Large flowers of an exquisite delicate shade of pink with a white center. A beautiful flower. \$1.00 each; 3 to 9, 90c each

8632 **San Francisco** (D)—Large twelve inch blooms in a gorgeous shrimp pink. One of the best for garden flowers. 75c each; 3 to 9, 70c each

Prices on all Dahlias are quoted f.o.b. Salt Lake City

Average Shipping Weight, ½ Lb. each; in quantities of 3 to 9 tubers, 6 oz. each.. See "Transportation" on page 4



Miniature—Helly Boudewijn

MINIATURE CLASS

The Miniature Dahlias bloom more freely than the large exhibition class. Because they require less staking, tying and disbudding, they are easier to grow. Their dainty 2 to 4 inch blooms are unexcelled for cut flowers.

8683 **Helly Boudewijn** (Water Lily Type)—The lovely blooms of pure white are four inches or more in diameter. Because of their unique water lily form they are extremely popular for cutting. \$1.00 each; 3 to 9, 90c each

8685 **LITTLE DIAMOND** (C)—This one stands out among other Dahlias like a live ember. The bloom is small, of deepest pink overcast with a rich glowing coral amber, and the petals curve gracefully upward from the base. 75c each; 3 to 9, 70c each

8688 **Sylvia** (FD)—Crisp radiating petals of brilliant glowing red. 35c each; 3 to 9, 30c each

POMPON CLASS

These are ball type Dahlias with compact 1 to 2 inch flowers on strong stems. The plants average 3½ feet tall and bloom very profusely.

8693 **Betty Ann**—A particularly clear, light rose pink in the ever popular and neat pompon form. 35c each; 3 to 9, 30c each

8697 **Little Snow White**—Perfectly formed flowers. Somewhat larger than the average pompon in pure unmarked white. 35c each; 3 to 9, 30c each

Gladioli

The Most Popular Exhibition and Cut Flower Varieties

WHITE

- 8716 **Margaret Beaton**—One of the most beautiful, and winner of many prizes. Pure snow white with small red blotch in throat. **Price A**
- 8720 **Myrna**—A beautifully ruffled creamy white that has won many prizes. Opens as many as ten perfectly placed florets. **Price A**
- 8724 **Surfside**—New spectacular crystal white. **Price B**

CREAM

- 8729 **Lady Jane**—A good grower, producing long straight spikes which hold 6 to 8 large blooms open at one time. The color is a clear cream with a little yellow on the two lower petals. Stands hot weather. **Price B**

BUFF and ORANGE

- 8732 **Barcarole**—An unusual but most exquisite clear clean shade of orange. A gorgeous new variety that must be seen to be appreciated. **Price A**
- 8734 **MELLOWGLOW**—An exquisite flower of heavy substance and large proportions. Its warm creamy buff tones give it unusual appeal in bouquets. The plants are medium height with good flower heads opening 6 to 7 florets. Midseason. **Price D**



Ruffled Gladiolus

ROSE

- 8708 **Burma**—An exquisite new variety, with large heavily ruffled florets of rich deep rose shading to a lighter throat. Medium height and vigorous, opening up to 8 florets at one time. **Price E**
- 8710 **Chamouny**—A new very distinct and graceful, clear rich rose. **Price B**
- SCARLET and RED**
- 8760 **ALGONQUIN**—A brilliant glowing scarlet of velvety substance with an unusual distinction of character. **Price B**
- 8774 **Black Opal**—Fine long spikes of very dark red. Most popular of the "black reds." **Price B**

8768 RED LIGHTNING

A very bright, pleasing red with cream throat. The stamens, also cream, add to the striking color combination. The blooms are large well placed and many open at one time. A first prize winner. Midseason. **Price B**

8769 **Red Charm**—New popular red. See full color illustration opposite. **Price C**

PURPLE

- 8788 **King Lear**—Big ruffled velvety red-dish purple, with 5-6 blooms open at one time. **Price A**

YELLOW

- 8738 **Mother Kadel**—One of the best new clear medium yellows. The florets are medium size, of excellent form and heavy substance. A fine commercial and good exhibition variety. **Price B**
- 8740 **OREGON GOLD**—A superb novelty in the light yellow class. Large attractive florets on long straight slender stems. Opens 6 to 8 blooms at one time. Grows exceptionally well and is a gem for cut flowers. **Price C**

SALMON PINK

- 8744 **Aladdin**—Early—Immense ruffled salmon pink with cream blotch. Strong grower **Price B**
- 8747 **MARGUERITE**—A giant, both in size of flower and length of the tall stately stem. Marguerite is an excellent grower and a consistent blue ribbon winner. The color is a rich watermelon pink with contrasting cream throat. Good keeping qualities. **Price B**
- 8748 **Picardy**—Midseason—A clear, soft, shrimp-pink. A "must have." **Price A**

LIGHT and DARK PINK

- 8746 **CORONA**—Picotee pink on a flesh ground color. A prize for cut flower work. **Price B**
- 8756 **Greta Garbo**—This very fine new variety has a perfect color combination between the soft salmon rose of the buds and the delicate pink and rosy buff of the large well expanded flowers. The stems are always straight and the florets well placed. **Price A**
- 8754 **Peggy Lou**—A champion in clear geranium pink. **Price A**

- 8790 **Purple Supreme**—Just about perfection in purple. An extra tall stem and long flower head carries up to ten large flowers open. Especially fine in our dry mountain climate. **Price C**

LAVENDER

- 8779 **ELIZABETH THE QUEEN**—Truly the queen in its class, it produces giant ruffled flowers of clear lavender with darker lines in the throat. The plants are medium tall with long flower spikes and 7 to 8 blooms open at one time. **Price C**
- 8780 **Minuet**—Midseason — Considered one of the best lavenders in existence. **Price B**

LIGHT VIOLET

- 8784 **Blue Beauty**—Early Midseason—The best light blue. **Price B**

SMOKY

- 8796 **High Finance**—An attractive combination of smoky greys and tans with tints of orange and a cream throat. A popular novelty and one of the few smokies that are adapted to floral work. **Price C**

MIXED

- 8798 **P.-W.'s Superb Mixed**—Our special mixture well blended from the best named types. **Price A**

PRICES of GLADIOLI

Prices per Corm for any desired quantity of one Variety

	1 to 9	10 to 49	50 to 99	100 to 249
A	8c Ea.	7c Ea.	6½c Ea.	6c Ea.
B	10c Ea.	9c Ea.	8c Ea.	7½c Ea.
C	15c Ea.	14c Ea.	13c Ea.	12c Ea.
D	20c Ea.	18c Ea.	16c Ea.	
E	25c Ea.	23c Ea.		
Shipping Weight	10 Oz. per 5	1 Lb. per 10	1 Lb. per 10	9 Lbs. per 100

New-*Outstanding* 'Glad's'



ELIZABETH THE QUEEN

8779

ELIZABETH THE QUEEN

Very large, ruffled clear lavender with a touch of rose in the throat. The plants are medium tall, producing in early mid-season, a long spike of seven to nine lovely florets at one time. It is the best and most popular of the new lavender gladioli.

8769

RED CHARM

A very fine new medium dark red from Canada. Deep and rich but not too dark, the large florets are wide open, of heavy substance and well placed on their tall, straight spike. Red Charm, a vigorous grower, will open eight or more beautiful florets which make an unbeatable spike for cutting or for exhibition.

Here is one reputable grower's opinion: "If I could grow but one red my choice would certainly be Red Charm."

Prices for Both
Varieties of Glads:

1 to 9 Bulbs @
15c each

10 to 49 Bulbs @
12c each

50 to 99 Bulbs @
11c each

100 to 249 Bulbs
@ 10c each

RED CHARM



Rose

Good performance year after year has established for each of these roses a well deserved reputation. Among gardeners they receive enthusiastic approval. Include one or more of these in your garden and your voice will strengthen the beauty. See pages 44-45

MRS. SAM
MCGREDY

MRS. P. S.
DUPONT

GROUP A

Cat. No. 8800

Five Bushes—top grade and filled with vigorous growth

Mrs. Sam McGredy
Mrs. P. S. DuPont
Poinsettia
The Doctor
Mme. Jos. Perraud

Regular Price \$1.00 each

Group of 5 for \$4.00

Shipping Weight 8 lbs.

POINSETTIA

THE DOCTOR

GROUP C

Cat. No. 8802

Ten Top Grade Rose Bushes — hardy, field grown, properly matured and scientifically handled to insure maximum vitality.

One each of the 10 on these pages (40 and 41)

Regular Price \$1.00 each

Group of 10 for \$8.00

Shipping Weight 11 lbs.

PRES. HOOVER

MME. JOSEPH PERRAUD

Bushes with a Rep

After a year has established an enviable reputation among gardeners everywhere, these balanced groups will soon add another to their reputation for their descriptions.

GROUP B

Cat. No. 8801

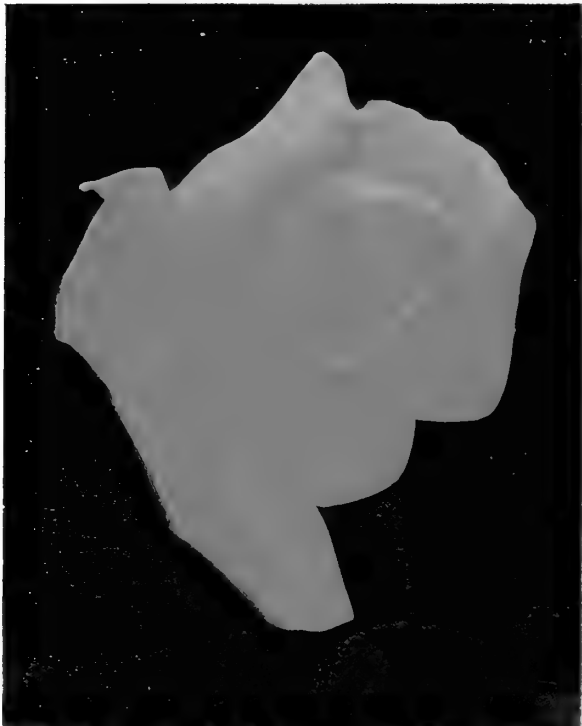
Five Vigorous Top Grade Rose Bushes

Soeur Therese—Pres. Hoover
Editor McFarland—Pink Dawn
Christopher Stone

Regular Price \$1.00 each

Group of 5 for \$4.25

Shipping Weight 8 lbs



SOEUR THERESE

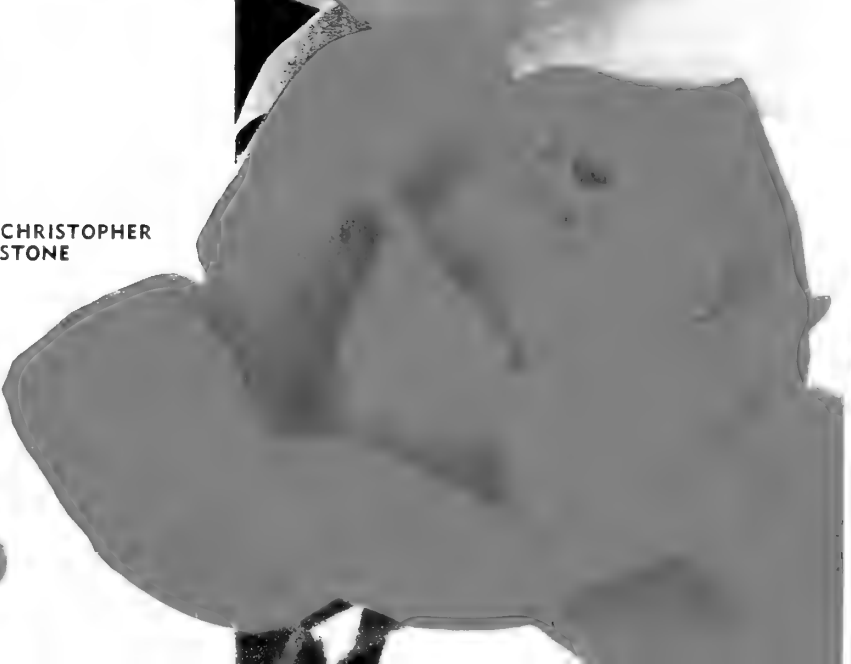
EDITOR
McFARLAND



PINK
DAWN



CHRISTOPHER
STONE



Roses with a Rep

Good performance year after year has established for each of these roses an enviable reputation. Among rosarians everywhere they receive enthusiastic recommendations. Include one or more of these balanced groups in your garden and you will soon add another voice to strengthen their reputation for beauty. See pages 44-45 for descriptions.

GROUP B

Cat. No. 8801

Five Vigorous Top Grade Rose Bushes

Soeur Therese—Pres. Hoover
Editor McFarland—Pink Dawn
Christopher Stone

Regular Price \$1.00 each

Group of 5 for \$4.25

Shipping Weight 8 lbs

MRS. SAM
MCGREDY

MRS. P. S.
DUPONT

GROUP A

Cat No 8800

Five Bushes—top grade
and filled with vigor

Mrs. Sam McGredy
Mrs. P. S. DuPont
Poinsettia
The Doctor
Mme. Jos. Perraud

Regular Price \$1.00 each

Group of 5 for \$4.25

Shipping Weight 8 lbs

POINSETTIA

THE DOCTOR

GROUP C

Cat. No 8802

Ten Top Grade Rose
Bushes — hardy, field
grown, properly ma-
tured and scientifically
handled to insure maxi-
mum vitality.

One each of the 10 on these
pages (40 and 41)

Regular Price \$1.00 each

Group of 10 for \$8.00

Shipping Weight 11 lbs

PRES. HOOVER

CHRISTOPHER
STONE

EDITOR
McFARLAND

PINK
DAWN

SOEUR THERESE



9030

Blaze (Plant Patent No. 10)
Everblooming Climber

The everblooming Blaze is one of the most popular climbing roses in America. Its brilliant display of scarlet red clusters in June is an eye-catching scene in millions of gardens. Intermittent summer flowers increase each succeeding year as the plants become better established.

\$1.50 each; 3 to 9 plants @ \$1.25 each

8940 (Right)

Nocturne

All America Rose Selection For 1948

The buds of this dark red variety are long and gracefully shaped, each with an individual stem. As it opens the flower is very rich dark red with maroon shadings. The plant, strong growing, bushy, upright, produces many flowers.

\$2.00 each; 3 for \$5.00



SPECIAL GROUP OFFER 8803

- 1 Hybrid Tea, Nocturne
- 1 Everblooming Climber, Blaze
- 1 Floribunda, Pinocchio

ALL 3 ONLY \$4.00

Shipping Weight 5 lbs.

9016

(Left)

Pinocchio—Floribunda (Plant Patent No. 484)

The delicate beauty of Pinocchio's gracefully pointed buds has won it wide acclaim and sensational popularity. The flowers, in great clusters of rich salmon flushed with gold at the base, are in bloom continuously from June through Fall. Perfect for bouquets and corsages.

\$1.25 each; 3 or more plants @ \$1.05 each

NOVELTY

Roses

ALL-AMERICA SELECTIONS FOR 1948



Diamond Jubilee

Winners of the trials conducted in official All-American Rose Gardens in every section of the United States, these new roses are the very finest produced for introduction this year.

8905 **Diamond Jubilee**—P.A.F.—This 1948 All-America Winner is a rose of rare loveliness and perfection. The robust, many branched plants are especially generous in their production of the large 5 to 6 inch flowers. Warm glowing buff-orange in color and blooms open slowly and last long. (30") **\$2.00 Each**

8940 **Nocturne** (Plant Patent No. 713)—See color illustration on opposite page).

8951 **San Fernando** (P.A.F.) A perfectly shaped, long streamlined bud, an intense brilliant red color, and a rich heady perfume are the outstanding Characteristics of this All-American Selection. The petals of glowing current red, changing to bright scarlet, have a firm heavy texture which gives them a long lasting quality. **\$2.00 Each**

8960 **Taffeta** (Patent No. 716). With each change of the season this new All-America Rose brings out an exciting new combination of colors. Sometimes rose-pink, salmon or apricot, its predominant color is rich carmine-rose in the bud, changing to begonia rose in the open flower. The reverse of the petals is tinted yellow. Because of its richly colored, long-stemmed, perfectly-formed buds Taffeta is exceptionally fine for cutting. Delightfully fragrant. **\$2.00 Each**

OTHER ALL-AMERICA SELECTION WINNERS AND PATENTED ROSES

8898 **Charlotte Armstrong** (Pat. No. 455)—AARS. The magnificent long-stemmed flowers are spectrum red in the cooler seasons and cerise red during the summer heat. They open slowly and retain their beauty a long time. **\$1.50 Each**

8900 **Countess Vandal** (Plant Patent No. 38)—One of the most widely planted roses, its long tapered buds of salmon-pink, shaded copper and gold, are loved by everyone. (24-30") **\$1.35 each**

8902 **CRIMSON GLORY** (Pat. No. 105)—Truly glorious in its perfection of form, size and fragrance. Its large shapely buds open into full-double blooms of deep vivid crimson. Crimson Glory is a continuous bloomer and an outstanding rose in every respect. **\$1.50 each**

8904 **Debonair** (Plant Patent No. 677)—A most handsome plant with vigorous upright habit and an abundance of glossy dark green foliage. Outstanding for the beauty and perfection of its tightly curled buds and graceful, high-centered, open flower. Buds of rich citron-yellow open to deep primrose blooms. Excellent fragrance. **\$2.00 each**

8908 **Eclipse** (Plant Patent No. 172)—one of the all-time great roses and one which grows well in all localities. The plants are vigorous, branching, producing abundantly its long streamlined buds of pale yellow. (24-30") **\$1.35 each**

8914 **Hearts Desire** (Pat. No. 501) AARS—A truly red rose with long pointed buds. The large petals, unfold slowly, revealing their fine substance, and lasting for a long time. Its fragrance, form, and strong vigorous growth have made it a leader in the rose world. **\$1.50 each**

8934 **Mirandy** (Pat. No. 632) AARS—A plant of tall vigorous habit, freely producing its glorious buds which open into large double blooms of rich maroon red with penetrating fragrance. **\$1.50 each**

8938 **Mme. Chiang Kai-shek** (Pat. No. 664) AARS—Well shaped, long tapering buds of clear lemon yellow. The bush has a strong upright habit of growth and glossy disease-resistant foliage. **\$1.50 each**

8946 **PEACE** (Pat. No. 591)—The All America Rose election for 1946. Peace is truly a superior rose both in flower and in the hardy, vigorous, disease-resistant plant. The attractively cupped, very double, high-centered blooms open from buds of golden yellow etched with pink; change to pale gold and finally to iridescent cream. The large petals are trimmed with apple-blossom pink that deepens as they gradually unfold into glorious 5 inch blooms. **\$2.00 each**

8948 **Rex Anderson** (Plant Patent No. 335)—One of the few highly dependable white roses. The perfectly formed flowers which open slowly are large, fully double blooms of delicate ivory white. Vigorous and free blooming. (24") **\$1.50 each**

8956 **Show Girl** (Plant Patent No. 646)—A strong upright grower, branching freely and producing a constant supply of amazing long, intense pink buds. Pleasing fragrance. **\$1.50 each**

8957 **Signora** (Plant Patent No. 201)—Buds of warm brownish orange open to lighter mandarin and salmon. Signora is a tall vigorous grower with glossy dark green foliage, in many respects superior to the well known President Herbert Hoover. Very fragrant. (30-36") **\$1.35 each**

8962 **Yours Truly** (Plant Patent No. 697)—Very large, beautiful cupped flowers of Bengal rose. Here is a rose which likes summer heat, producing better blooms which do not fade. Long-stemmed and fragrant. (24-30") **\$1.50 each**
See Quantity Price Table, Page 46

ALL-TIME FAVORITES

Group No. 8804

COUNTRESS VANDAL—Pink
CHARLOTTE ARMSTRONG—Cerise red
CRIMSON GLORY—deep red
ECLIPSE—yellow

Four Wonderful Garden Roses
Four strong, husky plants **only \$4.75**
Shipping Weight—6 Lbs.



Prices: \$1.00 each;
See quantity prices on page 46.

CRIMSON RED AND SCARLET

- 8806 **CHRISTOPHER STONE**—A glowing velvety scarlet crimson that holds up well in hot weather. Mildly fragrant and very popular.
- 8810 **ETOILE DE HOLLAND**—Large semi-double flowers of richest red and pleasant fragrance. Hardy and vigorous.
- 8812 **Grenoble**—Glorious deep crimson-red.
- 8814 **McCREDY'S SCARLET**—Dark glowing rose-scarlet flowers of large size.
- 8818 **Night**—Its the best of the deep dark reds. The well shaped buds and fully double flowers are a deep crimson with black and maroon shadings. Appealing spicy fragrance.
- 8820 **Poinsettia**—Glowing fire red; the brilliance of poinsettias at Christmas time. Long pointed buds, vigorous.
- 8822 **Red Talisman**—With the perfect bud form of Talisman and a velvety blood-red color, this upright growing rose is one of the best reds.



Hybrid Tea Rose

PINK

- 8864 **Dainty Bess**—Large single, rose pink, waxy-petalled blooms with wine-red stamens. Very popular.
- 8866 **EDITH NELLIE PERKINS**—Lovely flowers in delicate tones of light cerise pink. Inside, the petals are suffused with gold.
- 8872 **Editor McFarland**—Perfectly formed, fresh deep pink.
- 8880 **Isobel**—One of the favorite singles, bright orange-toned pink.
- 8874 **Picture**—Warm pink, under tones of salmon. A dainty flower of exquisite form.
- 8876 **PINK DAWN**—Large deep rose buds opening to pink with shades of dawn-grey and touched with orange at the base. Pink Dawn has a delightful fragrance.
- 8878 **The Doctor**—Long, pointed buds, enormous blooms. Exquisite silvery pink. Intensely fragrant.

WHITE & BLUSH WHITE

- 8889 **Innocense**—Large single blooms of pure white, with wine-red stamens.
- 8886 **McGredy's Ivory**—Large, well-shaped creamy white, fragrant.
- 8888 **MME. JULES BOUCHE**—Medium sized gracefully formed white flowers, with a delicate pink flush in the center. It has a good fragrance and is a consistent bloomer.
- 8944 **PEDRALBES**—A most admirable rose with large 5 inch long stemmed blooms of unique Waterlily form. Although the long pointed buds are pale lemon yellow, they change to creamy white when opening and finally to pure white. Willow plants (30" tall)

YELLOW

- 8850 **Cecil**—Dainty single flowers of clear buttercup yellow.
- 8851 **GOLDEN DAWN**—A lovely, well-formed flower of sunflower yellow changing to lemon. It is a vigorous grower, and a profuse bloomer. Fragrant.
- 8856 **MRS. E. P. THOM**—The beautifully formed buds develop into perfect blooms of rich yellow with delicate fragrance.
- 8857 **Mrs. P. S. DuPont**—Free flowering, double, rich yellow. A good grower and an excellent rose.
- 8858 **SOEUR THERESE**—Exceptionally fine, long pointed buds of silvery yellow, changing to daffodil yellow as the flower matures. Fragrant.
- 8855 **SUNKIST**—A very free blooming medium yellow with long, strong stems. Moderately fragrant.

COPPER-SALMON

- 8832 **Autumn**—Startling; rich burnt orange yellow and red.
- 8830 **CONDESSA DE SASTAGO**—The bush is a vigorous grower with an abundance of glossy disease-resistant foliage. The blooms are deep coppery pink inside with golden yellow reverse.
- 8836 **DUQUESSA DE PENARANDA**—The very shapely buds are an unusual shade of apricot orange; opening smooth, slightly lighter tones.
- 8834 **Girona**—Richly fragrant flowers of soft golden yellow with a collar of Tyrian-rose. A vigorous grower.
- 8838 **Heinrich Gaede**—Bright vermilion toned gold! good form and fragrance.
- 8844 **Mme. Jos. Perraud**—Novel nasturium-orange, flushed shell-pink.
- 8839 **Mrs. Sam McGredy**—There is no other rose that will compare in color with Mrs. Sam McGredy. Very rich copper-orange, heavily flushed with Lincoln red. The buds are long-pointed and sweetly fragrant; held on slender stems above the beautiful bronzy green foliage.
- 8840 **Orange Therese**—A beautiful rich orange shaded flower with the same perfectly formed bud and vigorous habit as its parent, Soeur Therese.
- 8846 **President Hoover**—Striking maroon-orange gold and cerise, pink.
- 8848 **Talisman**—Sensational rich golden-reddish apricot, stained copper.

Everblooming Climbing Roses

hktFFW

- 9030 **Blaze Climber**—Popular scarlet Climber. (See color illustration page 42.)
- 9054 **CL. COUNTESS VANDAL**—Climbing form of the lovely bush rose. Long tapered buds of salmon pink, shaded copper and gold. **\$1.35 each**
- 9056 **CL. ETOILE DE HOLLANDE**—Magnificent both in bud and bloom. Flowers identical to the bush form.
- 9064 **Cl. Heart's Desire**—Large deep red flowers in great quantity, equal to those of the bush form which has enjoyed extreme popularity ever since its introduction. **\$1.50 each**
- 9068 **MERMAID**—Blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphur-yellow with a gold center. Its bright, glossy evergreen foliage is just as beautiful in winter as in summer.
- 9076 **CL. MME. JULES BOUCHE**—Best double, white, borne singly on long stems; pleasantly fragrant.
- 9082 **Cl. Mrs. Sam McGredy** (Plant Patent No. 394)—Perfectly formed, long-stemmed buds and lovely flowers of rich coppery orange. Its luxuriant glossy foliage will quickly cover a fence or arbor. **\$1.50 each**
- 9086 **Cl. Picture** (Plant Patent No. 524)—Hundreds of clear rose pink, long-stemmed flowers, each one a "perfect picture" will adorn the Climbing plant of this popular variety. Enchanting fragrance. **\$1.50 each**
- 9092 **Cl. Red Talisman**—The long stemmed, perfectly formed buds of Talisman are admired by everyone. With the same popular form in a velvety, blood-red shade, Cl. Red Talisman is a truly spectacular rose. Rich fragrance. Exceptionally vigorous grower.
- 9098 **CL. TALISMAN**—Flowers same as bush form; rich golden, reddish-apricot stained copper.
- 9099 **Cl. Texas Centennial**—An excellent grower, producing armfuls of gorgeous carmine-red blooms. Beautiful form and good stems. **\$1.50 each**
- Price of all Everblooming Climbing Roses, except where noted, **\$1.25 each**
See quantity prices on page 46

\$\$\$ SAVE \$\$\$

on these
Special Size Roses

- 8806 **Christopher Stone**
8812 **Grenoble**
8816 **Gruss an Teplitz**
8844 **Mme. Jos. Perraud**
8857 **Mrs. P. S. DuPont**
8886 **McGredy's Ivory**
8839 **Mrs. Sam McGredy**
8874 **Picture**
8846 **President Hoover**
8878 **The Doctor**

These are the two-year-old number 2 grade plants and will bloom the first season after planting.

75c each

See quantity prices on
page 46.

Hardy Climbing Roses

hjtBNVY

- 9036 **AMERICAN BEAUTY**—Has the same deep rose-pink color, large size and sweet fragrance of the American Beauty bush type.
- 9034 **CRIMSON RAMBLER**—Large clusters of small scarlet flowers. Very hardy and a vigorous grower.
- 9040 **DR. W. VAN FLEET**—The long, pointed buds are of rich flesh-pink on stems 12-18 inches long.
- 9042 **PAUL'S SCARLET**—The flowers are an intense vivid scarlet, semi-double, and very freely produced in clusters of from 3 to 20 blooms on long-branched canes. A mass of color.
- 9044 **PAUL'S LEMON PILLAR**—Pale lemon buds and light yellow double, well-formed fragrant flowers. Strong grower.
- 9046 **MARY WALLACE**—Flowers are well formed, rose-pink with salmon base; large, glossy foliage.
- 9048 **SILVER MOON**—Beautiful semi-double flowers four inches and over in diameter, pure white, beautifully cupped with golden stamens in center.
- Price of all hardy climbing roses, **\$1.00 each**; see quantity prices on page 46

Floribunda Roses hkpsAVW

Hardy, everblooming, specially bred for mass planting. They are not only permanent but are more colorful and beautiful than the tender-foliage bedding plants used heretofore for this purpose. Plant about 16 inches each way.

9006 **Dagmar Spaeth**—A true white sport of Lafayette bearing flowers of the same lovely form. Its large showy trusses are produced all summer. It is often called the best white floribunda. 2 yr. No. 2, 75c

9009 **Donald Prior** (Plant Patent No. 377)—Few roses can equal the rugged growth, generous production of blooms and the vivid deep red color of Donald Prior. The entire plant is covered with immense flower clusters with gracefully waved petals. (30-36"), 2 yr. No. 1. \$1.00 each

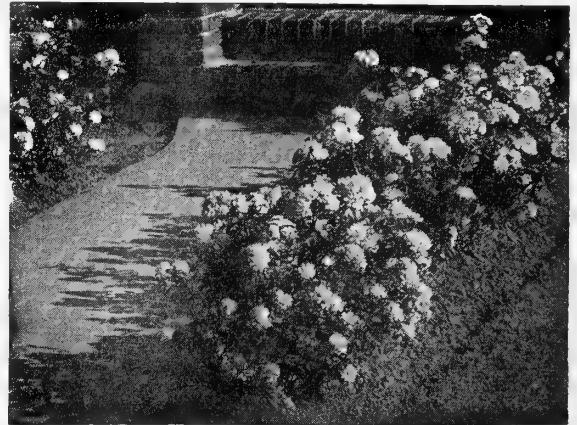
9012 **Else Poulsen**—Lasting brilliant, two-toned rose-pink. Semi-double, sweetly scented. (H. 30-36") 2 yr. No. 2 75c

9018 **Improved Lafayette**—Medium sized deep glowing red flowers suffused with vivid crimson. (H. 18-24") 2 yr. No. 2. 75c

9016 **Pinocchio** (Plant Patent No. 484)—Persistently in bloom. The dainty flowers are soft salmon flushed gold at the base. (See color illustration on page 42.) 2 Yr. No. 1. \$1.25 each

9011 **Poulsen's Yellow**—A true yellow Floribunda. The branching sprays carry both dainty carmine tinted buds and double clear yellow flowers. (24") 2 Yr. No. 2 75c each

9017 **World's Fair** (Plant Patent No. 362)—This beautiful large flowered rose is one of the most outstanding Floribundas. The bushy plants are almost covered with the clusters of velvety rich scarlet flowers which become deep maroon in the fall. (30") 2 Yr. No. 1 \$1.25 each



Polyantha Roses

hkpsFVX

9022 **Golden Salmon**—Huge clusters of bright salmon-orange; profuse bloomer. (H. 18-24") 2 yr. No. 2. 75c

9024 **Ideal**—Garnet red. One of the finest. (H. 24-30") 2 Yr. No. 2. 75c

9026 **Mlle. Cecile Brunner**—The "Sweetheart" rose. Perfect for boutonnières. Dainty sea-shell pink; delightfully fragrant. (H. 18-24") 2 Yr. No. 1. \$1.00 each

Shrub Roses

The Appropriate Background for the Hybrid Tea Rose Garden

HYBRID PERPETUALS gkpsBNVW

These were the popular roses of forty years ago, and are no less dependable in the gardens of today, particularly in colder sections and high altitudes.

8964 **American Beauty**—Carmine-red.

8968 **American Beauty White**—Vigorous grower.

8970 **Paul Neyron**—A thornless bush with gigantic pink flowers. Fragrant.

SWEET BRIER ROSES gkptBNVW

In the shrub border or as a background for a bed of Hybrid Tea Roses there is no finer subject than one of the sweet briers or shrub roses.

8984 **Austrian Copper**—Bright, coppery red, the reverse of the petals golden yellow. (H. 6-7'.)

8985 **Harrison's Yellow**—Large double yellow flowers in long graceful sprays. (H. 7'-9'.)

8986 **Rosa Hugonis**—Delicate yellow single flowers on long, arching sprays early in May. (H. 6'-7'.)

RUGOSA AND HYBRID RUGOSA

gkpsSNVW

The Rugosas are a distinct class having dark green, very deeply wrinkled leaves and double flowers with short ruffled petals.

8974 **Dr. Eckener**—Semi-double flowers of coppery rose and golden yellow. Very fragrant. (H. 5'-6'.)

8976 **F. J. Grootendorst Red**—Red flowers in clusters. (H. 3'-4'.)

8990 **Skyrocket**—Large clusters of brilliant red blooms throughout the entire season. (H. 5'-6'.)

Price of all "H-P." Rugosa and Brier Roses, \$1.00 each

See quantity prices at left

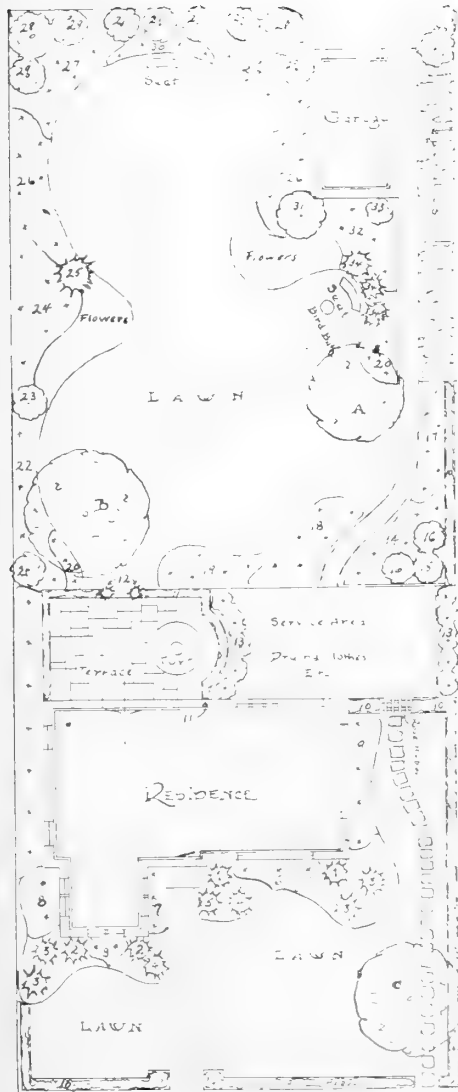
QUANTITY PRICES

Hybrid Tea—Floribunda and Polyantha—
Climbers—Shrub Roses—

Quantity	Prices per plant for quantities of one kind and size		
	1-2 plants each	3-29 plants each	30-100 plant each
2 Yr. No. 1	\$1.00	.93	.84
	1.25	1.20	1.08
	1.35	1.13	
	1.50	1.25	
Ship. Weight each	2.00	1.67	
	3 Lbs.	1½ Lbs.	1 Lb.
2 Yr. No. 2	.75	.66	.60
Ship. Weight each	2½ lbs.	1 Lb.	¾ Lb.



Get **FULL VALUE**
From Your Home
Grounds



LANDSCAPE SKETCH

PLANTING LIST

KEY	VARIETY
A	European Mt. Ash
B	Cut-Leaved Weeping Birch
C	Thornless Honey Locust
1	Columnar Juniper Scopularum
2	Columnar Juniper Cannarti
3	Juniper Pfitzer Compacta
4	Juniper Tamariscifolia
5	Juniper Von Ehron Globe
6	Cotoneaster Divaricata
7	Euonymus Japonica
8	Mentor's Barberry
9	Cydonia Japonica
10	English Privet Hedge
11	Ligustrum Lodense
12	Pinus Mugho
13	Althea Rose of Sharon
14	Berberis Thunbergi (Green Barberry)
15	Prunus Thunder Cloud
16	Prunus Triloba
17	Rosa Rugosa
18	Spiraea Van Houttei
19	Almond Pink Flowering
20	Almond White Flowering
21	Malus loensis Bechtelti (Betchtels Crab)
22	Lilac Chinese
23	Malus Eleyi Purpurea
24	Kolkwitzia Amabilis
25	Pinus Austrain
26	Philadelphus Coronarius
27	Cotoneaster Acutifolia
28	Malus Doiga
29	Malus Hoppi
30	Symphoricarpus Chenaulti
31	Amygdalus Persica—Double Red
32	Lilac French in Variety
33	Laburnum Vossi
34	Thuya Elegantissima
35	Euonymus Alatus Compacta

Extra Pleasure
out of Doors

Your garden will give you greater pleasure when it is designed for modern outdoor living. In proper artful balance, the elements of beauty, simplicity and utility can bring you new garden enjoyment. Our skilled landscape designers and planters will welcome an opportunity to help you develop the full value of your home grounds.

QUALIFIED LANDSCAPE ARCHITECTS AND CONTRACTORS FULLY EQUIPPED FOR ANY PROJECT — SMALL OR LARGE.

NOTE! DETAIL PLANS FOR SPRING DEVELOPMENT MUST BE DRAWN BEFORE MARCH 1st.

Evergreens

PYRAMIDAL JUNIPERS

- 9464 *Scopularum* (Colorado Juniper) gtyENZ. Compact, columnar growth from a single central stem. It is of unusual silver blue color. 3-4', \$8.50; 4-5', \$11.50.
- 9466 *Virginiana Cannarti* (Cannart Red Cedar) gjtvENZ. The deepest, richest green color of all Junipers, which, together with the fine textured foliage and plume like twigs, gives a luxuriant effect. When grown in naturalistic plantings not sheared it has the appearance of a branchy Spruce, but of course, is smaller. Cannarti Juniper may be trimmed and maintained at any size desired. 3-4', \$8.50; 4-5', \$11.50.
- 9468 *Virginiana Pyramidiforma* (Dundee Juniper) gjtviNZ—Makes a compact, symmetrical pyramid of moderate size. Grayish green in summer, turning a purplish plum color in the fall. 3-4', \$8.50; 4-5', \$11.50.
- 9470 *Virginiana Red Cedar* (Platte River Type). A dense and columnar tree with lustrous foliage of bluish green turning to purplish red in late fall and winter. It is used extensively in landscape work and being a large grower it is particularly valuable for windbreak protection. 3-4', \$8.00; 4-5', \$10.50.
- 9462 *Chinese Pyramidalis Blue* (Column Juniper) gjmtvNZ. The popular Chinese Juniper is one of the most adaptable to use in landscape plantings. Its rich blue green color is a pleasing complement to all colors of brick and stucco. It is a rapid grower and will thrive in any situation where the sun shines for half a day. 3-4', \$8.50; 4-5', \$11.50.

Use "Scram" to protect Evergreens from dog damage.
Cat. No. 3347 8 oz. pkg. 49c



Thuja Elegantissima

SHIPPING TIME

Weather conditions determine the time of balling Evergreens. Because of this fact it is sometimes necessary to send Evergreens in a separate, later shipment.



Evergreens in our Nursery in Winter

THUYA (Arborvitae) hjstuNZ

Pyramidal Varieties

- 9474 *Orientalis Elegantissima* (Gold Tinged Column Arborvitae). A narrow pyramidal Evergreen of tall and stately form. Its habit of growth is more compact than that of other golden pyramidals. Highly prized as an accent subject because of its distinct form and contrasting color.
Gal. cans, 1-9; \$1.50; 10 up, \$1.30; Extra heavy, 3-4', \$8.00.
- 9476 *Occidentalis Excelsa* (Western Arborvitae). This excellent variety, which is native in Western America, has the richest most luxuriant green color of all the Arborvitae. It is of broad conical habit, is a rapid grower, and very beautiful either in its natural form or closely trimmed as a formal specimen. 3-4', \$8.00; 4-5', \$10.00; 5-6', \$12.50.
- 9478 *Occidentalis Pyramidalis* (Pyramidals Arborvitae). (Not available this season.)

Dwarf Varieties

- 9484 *Biota Bonita* (Meldensis). Dwarf habit, neat pyramidal form and rich deep green foliage which grows vertically with a pressed appearance. Identical to the popular *Orientalis Aurea Nana* except for its green color. 18-24", \$5.50; 24-30", \$6.25.
- 9486 *Globosa* (Globe Arborvitae). Forms a low dense globe of a handsome shade of green. Ideal for formal plantings or on either side of an entrance or step. 18-24", \$5.00.
- 9488 *Orientalis Aurea Nana* (Berckman's Dwarf Evergolden Arborvitae). The most wanted Arborvitae. Dwarf, golden tipped, pyramidal. Always shapely and beautiful.
Gal. cans, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.; 15-18", \$4.50.

NOTE: Yearly trimming of Junipers and Arborvitae is very beneficial, making sturdier, more compact trees that sustain less winter snow damage. Also very important is the fact that the plants may be kept at any desired size. In the Mountain States trimming should be done in early spring or about September 1st.

Evergreens

All Evergreens are quoted f.o.b. Salt Lake City. Most sizes are too large and heavy for parcel post and must therefore be shipped by freight or express.

JUNIPERS Spreading Varieties

Cat. No.

9450 **PFITZER** (J. Chinensis Pfitzeriana gjsvxNZ)—This is the most widely planted and generally satisfactory of all semi-dwarf creeping Junipers. Large, fast grower. 1 gal. can, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.; 15-18", 4.50; 18-24", \$5.50.

9459 **PFITZER COMPACTA** gjsuvxNZ—A new introduction that is very adaptable for limited areas and small houses. It is a low, compact grower that matures at one-half the size of its parent, the Pfitzer Juniper. 18-24", \$6.00; 24-30", \$7.50.

9452 **SABINA TAMARISCIFOLIA** gjuvxNZ—Especially desirable in plantings where space is limited or when used against a house with a low foundation. It is a smaller and more compact grower than Juniper Pfitzer, attaining only 6 to 7 feet spread. The dense, metallic blue green foliage and uniform habit make admirable specimens for the corners of the lawn.

Gal. cans, 1-9, \$1.50 ea; 10 up, \$1.30 ea; 18-20", \$6.25.

9454 **SABINA VON EHROH** gjuvxNZ—This variety of the Savin Juniper is not so well known as its relative, the Tamariscifolia. It is a very fast grower, developing a more loose and open appearance with its rich green slender twigs extending at a half spreading, half upright angle. 24-30", \$7.25.

9460 **Horizontalis Plumosa** (Andorra Juniper)—A true creeping juniper, and perhaps the most charming of the low growing varieties. The branches extend almost horizontal outward from the center, making a beautiful rosette of fine, soft green foliage. Each fall the foliage turns to a bronzy purple color which is retained all winter.

The habit of the Andorra Juniper (flat-topped about 18 inches tall and 6 to 8 feet across) makes it an ideal plant for foundation, bed, or rockery planting. It is the best low juniper for planting in partial shade.

1 gal. can, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.; 15-18", \$4.75.

SHIPPING WEIGHT OF EVERGREENS

Prostrate Varieties		Upright Varieties	
Size	Weight	Size	Weight
1 gallon can	12 lbs.	1 gallon can	12 lbs.
3 gallon can	45 "	3 gallon can	45 "
5 gallon can	65 "	5 gallon can	65 "
12-15"	30 "	30-36"	50 "
15-18"	45 "	3-4'	70 "
18-24"	55 "	4-5'	95 "
24-30"	70 "	5-6'	110 "
30-36"	80 "	6-7'	170 "
3-4'	100 "		

WINTER PROTECTION OF EVERGREENS

Because Evergreens hold their leaves all winter they are never entirely dormant.

The best protection against winter damage, therefore, is a thoroughly moisture filled condition within the plant itself. Be sure that the soil around your Evergreens is moistened to a depth of about two feet during the last four weeks before the ground freezes. After that time apply a coarse mulch around the base of each tree.

In situations exposed to excessive wind or bright sunlight provide a windbreak, shade or loose wrapping.

NOVELTY SPECIMENS

9453 **PFITZER PYRAMIDS** gjstNZ—Trimmed to upright form, these special pfitzers give a distinctive weeping effect which is very beautiful in a specimen plant or as a contrast with surrounding foliage. 30-36", \$10.00.

9455 **SABINA VON EHROH GLOBE** gjuvNZ—These are perfect, formally globed specimens. They are trimmed plants of the very adaptable Von Ehron Juniper which is itself a handsome dwarf evergreen of semi-spreading habit and slender rich green twigs. Compact globes, 15-18", \$5.75.

9458 **SQUAMATA MEYERI** (Meyer Juniper) gjuvNZ. 6'.—Most unusual in color and habit. Plump, pointed and prickly foliage in a distinct blue color. Irregular shrub-like growth. Thrives on well drained soil. 18-24", \$6.50.



Tall Arbor Vitae—Elegantissima
Globe Arbor Vitae—Biota Bonita
Spreading Juniper—Pfitzer Compacta

BROAD-LEAVED EVERGREENS

FOR MODERN DISTINCTIVE LANDSCAPE PLANTINGS

The Berries and Foliage Are Beautiful in Winter House Decorations

All Evergreens are quoted f.o.b. Salt Lake City

BARBERRY

9518 *Berberis Sargentii* 4' hlopvBUW. An upright, half spreading species with reddish tan branches and oblong, spiny-toothed leaves, dark glossy green above and light green underneath. Very attractive as a contrast in beds of conifers. 1 gal. cans, 1-9, \$1.50 ea. 10 up, \$1.30. ea.

BOXWOOD

9519 Dwarf houwSW—A formal plant for gardens where pyramids and globes are desired. Foliage glossy and dense. Especially effective for entrance plantings. Dwarf compact habit. 22-24", \$12.75.

COTONEASTER

9521 *Apiculata* H 4'. A relatively new plant which is proving to be one of the most important in the small shrub group. The round, waxy, dark glossy green leaves are held through most of the winter. It is a moderately rapid grower with round-irregular habit making an ideal low, compact shrub. The flowers of pinkish white are followed by exceptionally large velvety red fruits.

B & B, 24-30", \$5.00.

9522 *Horizontalis* 18" hjgvxBENW. Small glossy green leaves artistically arranged along the almost horizontal branches. An ideal dwarf shrub for the partially shaded situation. 1 gal. cans, 1-9, \$1.50 ea. 10 up, \$1.30 ea.

EUONYMUS

9528 *Japonica* iopvNW—H-8'. Upright habit of growth with a dense, glossy, handsome foliage.

1 gal. cans, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.;

B & B 30-36", \$5.00.

9526 *Fortunei Carrierei* 36" (Glossy Winter Creeper). A low spreading Evergreen that fits beautifully into foundation plantings and beds and is very fine for low hedges. Produces its showy pinkish orange fruits abundantly.

1 gal. cans, 1-9; \$1.50 ea.; 10 up, \$1.30 ea.;

B & B 18-24", \$2.75.

MAHONIA

9530 *Aquifolia* (Oregon Hollygrape) houvBNW H-5'. Leaves shiny with attractively changing shades of green. Flowers yellow in dense clusters, followed by light purple berries.

Established in 1 gal. cans, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.;

Field grown, 18-24", heavy, \$4.75.



Cotoneaster Horizontalis

PYRACANTHA

9534 *Coccinea Lalandii* hjpvBENX, H-10'. Leaves dark, glossy and evergreen. Flowers white, in clusters, followed by orange-scarlet berries so much admired, large, fast grower.

Established in 1 gal. cans, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.;

3 gal. cans, \$3.75.

9536 COCCINEA PAULCIFLORA (Dwarf Pyracantha) (5') hlpvBENW—The hardiest pyracantha, also outstanding for its compact rounded formal habit. Its twigs and leaves are shorter than those of *Pyracantha Lalandii* and it produces fewer flowers and fruit, but is prized for its fine form, texture and dwarf habit.

Established in 1 gal. cans, 1-9, \$1.75 ea.; 10 up, \$1.50 ea.;

3 gal. cans, \$4.50.



Dwarf Pyracantha Coc. Paulciflora

VIBURNUM

9538 *Burkwoodii* (Gardenia Scented Snowball) hjvANW (H-4'). Most outstanding shrub introduction in recent years. Waxy, pinkish white flowers. The rich, glossy, semi-evergreen foliage turns purplish bronze with winter weather.

1 gal. can, 1-9, \$1.50 ea.; 10 up, \$1.30 ea.;

18-24" B & B. \$4.00.

CONIFERS

PINUS (Pine)

9494 *Austrian* gjtNW—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Gas and smoky atmosphere have no effect on its growth. 30-36", \$6.50; 3-4', \$8.50.

9498 *Mugho* (Dwarf Pine) gjuvNW—A low, dense plant of formal habit with bright green leaves. It is best used in entrance or foundation plantings, also as a rock garden plant or single specimen. It does well in a wide variety of soils and exposures.

12-15", \$3.75; 15-18", \$4.75; 18-24", \$5.75.

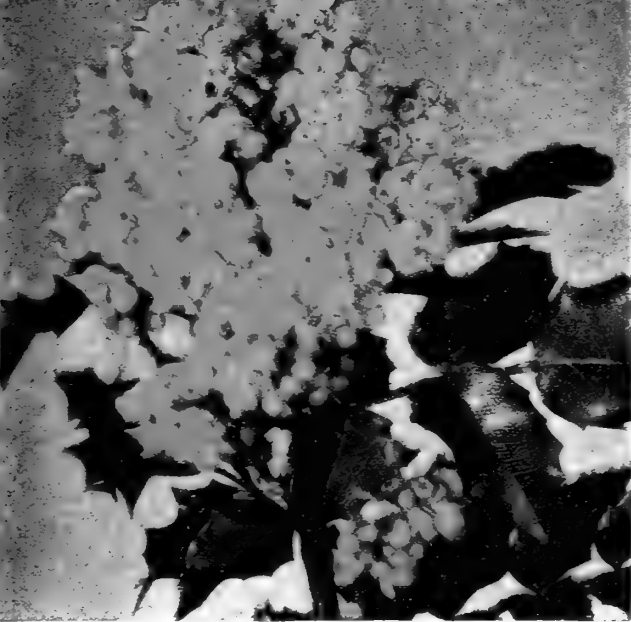
SPRUCE (Picea)

9500 *Black Hills* gjtNW—Not available this season.

9508 *Colorado Blue* (P. Pungens Glauca) gjtNW—Not available this season.

9504 *Moerheim Blue* gjtNW—Not available this season.

9506 *Norway* gjtNW—Not available this season.



MAHONIA

9030

**MAHONIA
AQUIFOLIA**

'Oregon Hollygrape'
In every home and-
scape planting, no-
matter how small or
large, there is a spot
where the broad-
leaved evergreen
Mahonia will create
just the right effect.
Its texture, color
and medium size
contrast are in pleasing
contrast with Juniper
or Arborvitae.
18-24", Heavy,
\$4.75



MUGHO PINE

Evergreens

9498

DWARF MUGHO PINE

Mugho Pine is one of the hardiest of all dwarf evergreens. Its adaptability to various types of soil as well as to both sunny and shady situations make it a popular subject in many gardens. Its low globular form is just right for setting off the entrance of your home or for marking the end of a walk or driveway.

In form as well as in texture Mugho Pine adds an interesting contrast with other shrubs or evergreens.

12-15", \$3.75; 15-18", \$4.75; 18-24", \$5.75



PYRACANTHA

9534

PYRACANTHA (Firethorn)

Coccinea Lalandii

Pyracantha is the most popular of all broad-leaved evergreens in Western U. S. A. The reason - it is always beautiful. Fragrant white flowers adorn the plant in Spring while Fall finds the flowers turned to clusters of bright orange-red berries which hang all Winter. The quick growing, branchy shrub never without its covering of deep green, glossy foliage.

In shade or sun, or on dry soil Pyracantha continues to thrive, producing its never ending beauty.

In 1-gal. Cans, \$1.50
In 3-gal. Cans, \$3.75



The Evergreen Shrub of Perpetual Beauty

Beauty
in
Flower
and
Foliage..



Ornamental Shrubs



FORSYTHIA SPECTABILIS (Golden Bell)

9204

BARBERRY MENTORENSIS

Even when young, Mentor Berry, makes an exceptionally fine looking hedge. Because of its sturdy, erect and uniform growth, it requires no trimming except where a more formal effect is desired. Its darker green foliage remains most of the winter.

15-18", \$.75; 10 for \$5.00; 100, \$40.00
18-24", \$.90; 10 for \$6.00; 100, \$50.00
24-30", \$1.10; 10 for \$8.35; 100, \$70.00



JANANESE RED LEAVED BARBERRY

9248

FORSYTHIA

Spectabilis (Golden Bell)
(H 6-8, S 5-6)

The showy border Forsythia. Its pleasing habit of growth, hardiness, and its large profusely borne flowers rate it the best and most useful of all Forsythias.

18-24", 75c; 2-3', 90c

9206

RED LEAVED BARBERRY

(B. Thunbergii Atropurpurea) (H 3-4, S 3-4)—Identical with the popular Japanese Barberry except foliage, which is a rich, bronzy red color.

15-18", 70c; 10 for \$6.30; 100 for \$56.00
18-24", 90c; 10 for \$7.90; 100 for \$71.00

9272

BEAUTY BUSH

(Kolkwitzia Amabilis)
(H 6-8, S 5-6)

Few shrubs have gained as wide-spread prominence as Beauty Bush. The plant is densely set with graceful arching branches and in June is literally covered with pale pink flowers. Where given plenty of room to grow Beauty Bush makes a more refined symmetrical plant with less pruning than is required by most other shrubs.

2-3', \$1.50



Flowering Shrubbery

A Selected Group of Better Hardy Shrubs
Adaptable to the Varied Requirements of Your Garden

SHIPPING WEIGHT OF SHRUBBERY

Size	18-24"	2-3'	3-4'	4-5'
One plant only	3 lbs.	5 lbs.	7 lbs.	8 lbs.
Each additional plant	2 lbs.	3 lbs.	4 lbs.	6 lbs.

All prices on shrubs are f.o.b. Salt Lake City. If wanted by mail, add postage at zone rates. (See postal zone rate chart on page 4.) Quantity price table is on page 54.

ALMOND

9190 **Pink Double Flowering** hkvAUVW (H 3-4, S 4)—Completely covered with sweetly scented flowers before the leaves appear. 18-24", 90c; 2-3', \$1.25.

ALTHEA (Hibiscus or Rose of Sharon) (H 10', S 5')
hjptCNVW

9194 **Coelestris Blue**—The gorgeous single disc-like flowers are produced in great quantity. Planted with the white variety, Snowdrift, it creates a most beautiful color effect.

9196 **Snowdrift**—Giant single, pure white flowers fully 4 inches across.

9198 **Rubus**—Very large wide open flowers of deep rose-pink with deeper center. The best and most brilliant of all single pink varieties.

Price of each of above, 2-3', \$1.00 each.

9214 **HANSEN'S BUSH CHERRY** gkprBUB

These new dwarf fruit bushes (H 3-4, S 4-5) are excellent for hedges and ornamental shrubs. They are perfectly hardy, even in the generally colder sections where they are extensively planted for their fruit. 2-3', 75c each.

BERBERIS

9202 **Japanese Barberry** gjpυvBENVW (H 3-4, S 3-4)—Too well known to require any comment. In fall its colored foliage and red berries cheer the boundaries of millions of gardens and homes. 18-24", 75c each.

9204 **MENTOR BARBERRY** (Berberis Mentorensis) Pat. No. 99 gjpυvBNVW (H 3-4, S 3-4)—New hardy, semi-evergreen barberry. Sturdy, erect growth carries a thick, dark, attractive green foliage right down to the ground.

Prices Per Plant

Size	Quantity >	1/9	10/29	30/100
15-18"		.75	.50	.40
18-24"		.90	.60	.50
24-30"		1.10	.84	.70

9206 **Red Leaved Barberry** (B. Thunbergii Atropurpurea) gkpuvBENVW (H 3-4, S 3-4)—Identical with the popular Japanese Barberry except foliage, which is a rich, bronzy red color.

Size	Quantity >	1/9	10/29	30/100
15-18"		.70	.63	.56
18-24"		.90	.81	.72

BUDDLEIA hjrtFUVX

9208 **Dubonnet** (H 6, S 4)—Long firm spikes of the lovely Dubonnet wine shade. The shrub is erect, strong-stemmed, and has very attractive leathery foliage. 2 yr. Plants, 75c each.

9210 **Ile de France** (H 5-6, S 4-5) Not available.

9211 **ROYAL RED** (Plant patent No. 556) (H 5-6')—This new superior variety produces from July until frost, an abundance of large round sprays up to 1 foot in length. In the garden its color is a rich, dark, royal purple; when displayed under artificial light it is intensified to almost red. 2 year plants, \$1.00 each.

CARAGANA

9212 **Siberian Pea Tree** gkptBNVW (H 8-10, S 8)—Compound leaves, bright green; numerous small clusters of yellow flowers. 2-3', 1-9, 50c ea.; 10-29, 44c ea.; 30-100, 40c ea.

INFORMATION

The interpretation of the code letters following each variety name is tabulated on page 77. Following the informational code, the height and spread at maturity are indicated. For example, (H 3-4, S 3-4) may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." The sizes given are only approximate and will vary considerably according to soils and climate.



Flowering Almond



Mentor Barberry

CORNUS (Dogwood) *gltBNVX*

9218 Red Siberian (C. Sibirica) (H. 6-8, S. 6)—Produces cream colored flowers, light blue fruits, and bright red twigs and branches. 18-24", 65c; 2-3', 90c

COTONEASTER *gltvBENVW*

9220 Acutifolia (H 6-7, S 5-6)—Especially desirable for its dense, dark green foliage effects; blooms pinkish white, berries black. 2-3', \$1.00

9224 Divaricata (H 5-6', S 4-5')—One of our most graceful and most beautiful shrubs. The branches from the center stand quite erect, creating an informal dome above the arching side branches, the whole being covered with small, glossy, pointed leaves. It is covered in the spring with dainty pink blossoms and in the fall with an abundance of shiny scarlet berries. Bare root. 2-3', \$1.75

CYDONIA (Fl. Quince)

9230 CRIMSON BEAUTY—An improved variety of flowering Quince that brings new beauty and refinement to this family. Its flowers are large and double with dazzling crimson petals and bright golden stamens. The bush has an upright form of growth which is neat and attractive. 2-3', \$1.75

9226 Japonica (Japanese Quince) *gkpsV ANVW* (H 4-5, S 5)—Brilliant crimson flowers, among the first in the spring. 2-3', 90c

EUONYMOUS *hjtVBEVW*

9242 ALATUS COMPACTA (H 5-6, S 5)—Foliage bright green, changing to a deep rose in autumn, a color unusual among shrubs. Its winged branches and orange-red berries make it invaluable for winter landscapes. 2-3', \$1.75

9244 Americana (H 7-8, S 6-7)—Similar to the above except that it is a larger grower. 4-5', \$1.75

LIGUSTRUM

9274 Vulgare (English Privet) *gjlptBENVZ* (H 10-12)—A hardy plant with lustrous black berries and dense, deep green foliage.

15-18", 1-9, 25c each; 10-29, 22c each; 30-100, 20c each
18-24", 1-9, 30c each; 10-29, 27c each; 30-100, 24c each
2-3', 1-9, 40c each; 10-29, 36c each; 30-100, 32c each

9276 Ibota Regelianum (Regel's Privet) *hjlpxBENVX* (H 6-8, S 4-5)—Its horizontal effect with its wealth of metallic black berries in the fall make it a desirable subject for shrub groups. 18-24", 75c; 2-3', 90c

9278 LODENSE (Dwarf Privet) *hjluvNWZ* (H 2-3)—Glossy, deep green foliage; splendid for dwarf shrubs and low hedges. 8-10", 1-9, 30c each; 10-29, 27c each; 30-100, 24c each
10-12", 1-9, 40c each; 10-29, 36c each; 30-100, 32c each
12-15", 1-9, 50c each; 10-29, 42c each; 30-100, 38c each

FORSYTHIA (Golden Bell) *gltAVY*

9248 SPECTABILIS—The showy border Forsythia. Because of its pleasing habit of growth, hardiness, and its large profusely borne flowers, it is the best and most useful of all Forsythias. 18-24", 75c; 2-3', 90c; 3-4', \$1.25

HYDRANGEA

9252 Aborecens Grandiflora (Hills of Snow or Snowball Hydrangea) *hosvBSVX* (H 3, S 3)—Snow white blossoms of largest size. 18-24", \$1.25

9256 OAK-LEAVED (Quarcifolia) *hosvCSVX* (H 3-4, S 3)—Not available this year.

HONEYSUCKLE (Bush Lonicera)

Tartarian varieties *gjlptBENOVW* (H 8-10, S 6-8)—Most popular tall bush honeysuckles.

9258 Tartarian Pink

For hedging.

15-18", 1-9, 45c each; 10-29, 37c each; 30-100, 33c each.
Other sizes as listed below

9259 Tartarian White

9260 Tartarian Pulcherima (bright red).

9262 Fragrantissima (Winter Honeysuckle) *gjlptv ANVW* (H 6, S 4)—Not available.

9264 Korolkowi Floribundi (Blueleaf Honeysuckle) *gjlvtvBNVW* (H 6-8, S 4-5)—A novelty with blue-green foliage and rose-pink flowers.

9266 L. Morrowi *gjlptBENOVW* (H 6-8, S 6)—White and yellow flowers. No species more handsome in fruit than L. Morrowi.

Any of the above Honeysuckles, except where noted
—Price 3-4', \$1.00; 4-5', \$1.25

KERRIA

9270 Japonica Double *hjluvFNVX* (H 4-5, S 3)—A graceful shrub with attractive orange-yellow flowers, bright green leaves and bark. 2-3', \$1.50

KOLKWITZIA AMABILIS

9272 BEAUTY BUSH *hktvBUVW* (H 6-8, S 6)—Long, arching branches; all the merits of a perfect shrub combining hardiness, beauty of foliage, and amazing profusion of pale pink, bell-shaped flowers. 2-3', \$1.50

ORNAMENTAL SHRUBBERY

Quantity prices per shrub for any desired quantity of one kind and size

Quantity	1 to 9	10 to 29	30 to 100
Prices	\$.50 ea.	\$.44 ea.	\$.40 ea.
The sizes and prices per plant for 1 to 9 of the same size are printed following the description of each variety. Prices for larger quantities of the same kind and size will be found on the corresponding line in this table.	.65	.57	.51
	.75	.66	.59
	.90	.79	.71
	1.00	.89	.79
	1.25	1.10	.98
	1.50	1.33	1.20
	1.75	1.55	1.38

SHIPPING WEIGHT OF HEDGE PLANTS

Size	8-10"	10-12"	12-15"	15-18"	18-24"	2-3'
10 plants	2 Lbs.	4	8	10	12	15
25 plants	5 Lbs.	8	16	20	25	30
100 plants	15 Lbs.	25	50	70	80	100



Lodense Privet—Dwarf Hedge

GORGEOUS NEW FRENCH LILACS

(H 10-18') *gptrBNVY*

GROWN ON THEIR OWN ROOTS
ADAPTED TO INTERMOUNTAIN CLIMATE

Lilacs are best planted from late October until the ground freezes, but very early spring planting will also give good results.

(D) following the name indicates double arrangement of petals. (S) indicates single form.

- 9284 **Charles Joly** (D)—Produces fine long lasting blooms of an even toned dark purplish red. 2-3', \$1.75
- 9296 **Mont Blanc** (S)—Buds greenish yellow, opening pure white. 2-3', \$1.75
- 9300 **Pres. Grevy** (D)—Not new, but still regarded as one of the best double clear blue lilacs. It is a strong grower. 2-3' \$1.75
- 9308 **Souv. de Ludwig Spaeth** (S)—Very popular among lovers of dark colored flowers. Buds carmine to Schoenfeld's purple, opening rose purple. 18-24", \$1.25; 2-3', \$1.75

LILAC SPECIES

- 9314 **New Chinese or Rothomagensis** *gtpBNVW* (H-10')
A distinct hybrid variety with slender stems, reddish purple flowers. 2-3', \$1.00
Hedge Size, 15-18", 1-9, 60c ea.; 10-29, 52c ea.; 30-100, 46c ea.
- 9316 **Persian** *gtpBNVW* (H-10')—Not available this season.

LILAC VULGARIS (H-12-15') *gjtANORVW*

- 9318 **White Common Lilac** 2-3', \$1.00
- 9319 **Purple Common Lilac** 2-3', \$1.00

PHILADELPHUS (Mock Orange)

gtpstBNPVW

- 9324 **Coronarius** (H 6-8, S 4-5)—Large, single flowers; grows tall and upright. 2-3', 90c
- 9326 **Lemoine** (H 4-5, S 4)—Not available this season.
- 9328 **Virginalis** (H 7-8, S 7)—A vigorous, tall grower, with very large, double-crested, sweetly scented clusters of pure white blossoms throughout the season. 18-24", \$1.00; 2-3', \$1.25
- 9325 **SNOWFLAKE** (Plant Patent No. 538)—This new Double Mock Orange is truly outstanding. It is all double, every blossom intensely double, exceptionally sweet scented, glistening white, large flowering, profuse bloomer, symmetrically formed and gracefully branched, neat, beautiful foliage, rugged, fast growing, and exceptionally hardy.
It is reasonably free from insect pests, and will grow to a height of 10 to 12 feet as a large specimen shrub, or if desired can be easily kept within bounds by simply a little pruning. It will thrive in ordinary soil, either sun or part shade. These many favorable features make it a truly remarkable shrub. 2-3', \$1.50

POTENTILLA

- 9330 **Fruiticosa** *gkmuFNVW* (H 2-3, S 3)—A dwarf shrub, producing an abundance of yellow blossoms over a long period of time. 18-24", \$1.00

RHODOTYPOS

- 9338 **Kerrioides** (White Kerria) *hjlmsvEVW* (H 4-5, S 5)
White flowers followed by black fruits which hang all winter; foliage very attractive. 2-3', \$1.25

RHUS (Sumac)

- 9340 **Canadensis Dwarf** *hjmsuxBNVW* (H 3-4, S 4-5)—Blossoms yellow catkinlike, its foliage differs greatly in texture from that of other Sumac and is very fragrant when crushed. 18-24", 75c
- 9342 **Glabra** *gmtBNVW* (H 6-8)—A new cut-leaf variety with a splendid fruit display. 3-4', \$1.00
- 9344 **Typhina** (Staghorn Sumac) *gjmtxBENVW* (H 10-12)—Develops colored leaves and red fruit. 4-6', \$0.90

ROBINA *hjmstxBUVW*

- 9348 **Hispidia** (H 4-5, S 5)—This beautiful shrub is much appreciated because of the abundance of its large, pea-like, rose-pink flowers. 24-30", \$1.00

SORBARIA *gilotCSVX*

- 9358 **Aitchinsoni** (H 6-8, S 6-8)—Handsome shrub, the bright green fern-like foliage contrasting well with the bright red stems; white flowers in upright panicles, 12-20" long. 3-4', \$1.25

SPIREA

- 9362 **Frobela** *gjusvBCNVY* (H 4, S 4)—Leaves are purple when young. Deep rosy blooms are borne in abundance. 15-18", 50c; 18-24", 75c
- 9364 **Prunifolia** (Double Bridal Wreath) *hjsvANVWY* (H 6, S 6)—One of the best; a beautiful shrub of medium size, double white flowers. 2-3', \$1.25
- 9366 **Thundergii** *gjsvANVWY* (H 5, S 5)—Graceful and beautiful at all seasons; flowers white. 2-3', 90c; 3-4' \$1.00
- 9368 **VAN HOUTTE** (Bridal Wreath) *gjpstvBNVW* (H 6-8, S 6)—It is round and graceful, with long, thin, arching branches. Flowers in white clusters. 18-24", 45c; 2-3', 75c; 3-4', \$1.00
- Van Houtte for borders and hedging
18-24", 1-9, 45c each; 10-29, 40c each; 30-100, 36c each

SYMPHORICARPUS *gjlmnpsurBENVW*

- 9372 **Chenaulti** (H 4-5, S 5)—A hybrid, the foliage is smaller and the plants are neater throughout than vulgaris. Hand-some red fruit. 18-24", 1-9, 50c each; 10-29, 44c each; 30-100, 40c each 2-3', 75c each
- 9374 **Racemosus** (Snowberry) (H 4-5, S 4)—A graceful shrub, chiefly planted for its waxy white fruit. 2-3', 75c; 3-4', 90c; 4-5', \$1.00
See quantity prices on opposite page.

TAMARIX *gjmtxBNRVWY*

- 9378 **Hispidia** (Kashgar) (H 15, S 6)—A distinctive variety with delicate soft pink sprays of flowers in early spring and again in July. Prune branches to the ground when planting. 2-3', 90c

VIBURNUM

- 9384 **Americanum** *gjmtBENVW* (H 10-12', S 10')—(Cranberry Shrub)—The foliage is large, three lobed and of exceptionally heavy texture. Its bright scarlet fruits hang in large clusters during the fall and winter. 2-3', \$1.00
- 9386 **Dentatum** (Arrow-wood) *gjlstBENVW* (H 6-8, S 6)—Creamy white flowers, followed by blue-black berries and purplish red foliage. 2-3', \$1.00
- 9388 **Opulus Sterilis** (Common Snowball) *gjmtBNVW* (H 8-10, S 10)—Ball-like, pure white flowers. 2-3', \$1.25

WEIGELAS *hjrBSVY*

- 9396 **Bristol Ruby** (Pat. No. 492). (H 5, S 5)—See color illustration on back cover. 2-3', \$1.50 each
- 9398 **Rosea** (H 5-6', S 5)—A dense, rounded shrub with arching branches. Valued for its handsome, rose colored flowers. Plant in sunny exposure. 2-3', 90c

Charming Climbers and Ground Covers

to Soften Projecting Lines of Land or Architecture

AMPELOPSIS

9404 **Englemanni** (New Virginia Creeper) gjmBENVW (H 35-40')—Self clinging to most surfaces. 2 yr. no. 1. Each 65c.

9406 **VEITCHI** (Boston Ivy) giN. Clings firmly to smooth surfaces. The glossy refined foliage is a most handsome wall covering. Dormant Roots 90c each.

BIGNONIA (H 20') gmjFNV

9408 **MME GALEN** (Giant Trumpet Vine). The most striking improvement in this family. Broader trumpets and a beautiful rich shade of orange. 2 yr. Each \$1.25

CELASTRUS (Bittersweet)

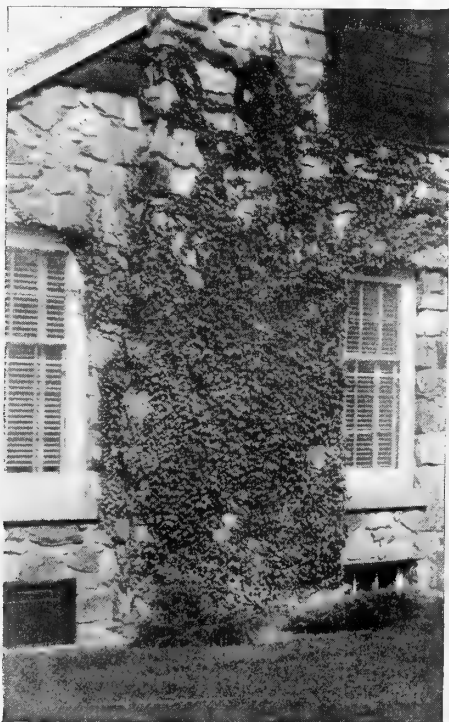
9412 **ORBICULATUS**—jBENV (H-25'). More vigorous habit and better foliage than Scandens. Excellent for covering fences or arbors but is grown chiefly for its fruit which makes beautiful cut sprays for winter decorations. 2 yr. 90c each.

CLEMATIS

9414 **Paniculata**—hjoCN (H 25'). A strong growing but graceful vine. Produces an array of fragrant white flowers from August until fall. 3 yr. plants in 1 gal. cans, \$1.25.

9420 TANGUTICA (H 8-10')

A very lovely and interesting form of small flowered Clematis. The dainty golden yellow lantern shaped blooms appear in June and again in September. Long feathery stamens extend conspicuously from the center; remaining after the petals drop, in an attractive fluffy seed head. It is a small grower with slender stems; fine for small arbors and trellises, and for covering banks or retaining walls. 4" Pots, \$1.25 each.



Ampelopsis Veitchi
(Boston Ivy)

LARGE FLOWERED CLEMATIS

A partially shaded location is ideal for the large flowered Clematis. They thrive best in a rich loam of rather light texture. The soil should be slightly alkaline and must be well drained. The plants should be set with the collar of the plant at least 2 or 3 inches below the surface. A mulch of peat moss to keep the roots moist in summer, and protect them in winter is very helpful the first year.

9416 **Jackmani** (H 20'). A most popular variety—velvety violet purple.

9418 **Mme. Edouard Andre** (H 15-20'). Similar in habit and form of flower to Clematis Jackmani. Its color is rich crimson red and makes a very distinctive and glowing picture in the summer and early fall.

Either of above. 4-inch pots, \$1.25 each.

EUONYMUS

9422 **Colorata**—jhlqU (H 1'). An evergreen creeper of unusual distinction. Compact form and luxuriant foliage make it the most highly prized ground cover.

2 yr. plants, 1-9, .90c ea.; 10-29, 79c ea.; 30-100, 71c ea.

9424 **Radicans Vegeta** (Evergreen Bittersweet) hjdqBEN (H 15'). Unequaled as a wall covering. Each \$1.25.

HEDERA (20') gloqU

9425 **Helix** (English Ivy)—A striking and handsome climber or ground cover; excellent on north walls and under shrubs. Needs protection from the winter sun. 2 1/2" pots, 35c; 4" pots, 65c each.

9426 **HELIX BALTICA** (Baltica Ivy)—The hardiest of the ivies. A small leaved variety that is excellent for north and west exposures.

2 1/2" pots, 1-9, 35c ea.; 10-29, 31c ea.; 30-100, 28c ea. 4" pots 65c each.

HONEYSUCKLE (Vine)gloqxFUV

9430 **Goldflame**—An ever blooming honeysuckle of remarkable beauty. Admired by everyone who sees it.

2 yr. plants, 1-9, \$1.00 ea.; 10-29, 89c ea.; 30-100, 79c ea.

9432 **Halliana** (Hall's Japan Honeysuckle). Semi-evergreen ground cover or climber. Fragrant white and yellow flowers.

2 yr. plants, 1-9, 50c ea.; 10-29, 44c ea.; 30-100, 40c ea.

SILVER LACE VINE

9436 **Polygonum Auberti**—gjmBCNVXY (H 40'). Rapid grower. Each, 90c.

WISTERIA jhBUVK

9438 **Sinensis**. The old favorite lavender blue variety. 2 yr. plants, Each, 90c.

9442

TREE WISTERIA

A Tree Wisteria in bloom is a lovely and most uncommon sight. The long flower clusters of purplish blue completely cover the tree during May. In formal gardens Tree Wisterias are especially valuable. On the lawn they develop into beautiful specimens. They are very long-lived, and increase in beauty with each successive season. \$12.50 each

SHIPPING WEIGHTS FOR VINES

In 2 1/2" pots, one only weighs 1 lb., add 1/2 lb. for each additional; in 4" pots, one only weighs 3 lbs., add 2 lbs. for each additional; in gallon cans, each 12 lbs., vines not in containers, one only weighs 2 1/2 lbs., add 1 lb. for each additional.

Ornamental Shade Trees

NATURE'S OWN AIR CONDITIONERS

THE FIRST ESSENTIAL FOR LANDSCAPING THE HOME

Ash (Fraxinus)

- 9546 **American White** gjyBNVW (H 60')
6-8' \$2.00; 8-10', \$2.50
- 9548 **Green Ash** ggyBNVW (H 50')—Shapely round top with dark green foliage.
6-8' \$2.00; 8-10', \$2.50
- 9552 **European Mountain Ash** (Sorbus Aucuparia) gjvyBEUVW (H 45')—White flower clusters 5 inches across, followed by orange red berries.
5-6', \$3.00; 6-8', \$4.00.

MALE ASH TREES

The desirability of non-seed-bearing male trees is receiving greater acclaim each year. The absence of the seasonal litter of seeds and its resulting crop of troublesome seedlings is, in itself, justification for the widespread acceptance of these especially propagated shade trees. The foliage of male trees is more abundant, more glossy and luxurious than that of ordinary trees.

- 9554 **MALE EXCELSIOR** (Male trees especially propagated) gntyNPVW (H 75')—Grown from selected non-seeding parent stock. Its broad head and abundant glossy foliage make it one of the most desirable of all Ash trees.
5-6', \$3.00; 6-8', \$3.50; 8-10', \$4.50.
- 9550 **Male Green Ash** gjvBNVW (H 50-60')—Especially selected and propagated from non-seed-bearing male trees. It is a tall pyramidal tree with a rounded head. The vigorous habit and dense glossy foliage make these male trees noticeably superior in the garden. 6-8', \$3.75; 8-10', \$4.50; 10-12', \$6.00.

BIRCH

- 9540 **Cut-leaved Weeping Birch** gjotyVW. The most beautiful weeping tree in existence. The snow white branches grow uniformly outward and upward from the straight central trunk which is also conspicuously white. A slender lacy veil is formed by the vertical hanging slender stems and deeply cut leaves. Very beautiful, hardy and clean. **Plant very early to insure a good start. Special handling makes these trees available for February planting. The trunks of smooth barked trees such as Birch should be wrapped for the first year after planting.**
5-6', \$3.00; 7-8', \$4.00.
- 9542 **European White Birch** (Betula Alba) gjmntyNRW—A tall distinctive white barked tree with upright form. The leaves are nearly round, but abruptly pointed. 7-8', \$3.00.

CELTIS OCCIDENTALIS gjoyBSEVW

- 9560 **Hackberry** (H 40')—A valuable shade tree with widespread, somewhat pendulous branches. Forms a round-topped head with bright green leaves, turning yellow in the fall.
5-6', \$2.00; 6-8', \$3.00; 8-10', \$4.00.

Nothing will lend more dignity or stateliness to a home than a few good shade trees carefully selected and judiciously placed. Trees for the average property must be placed for compositional effect as well as for shade; they should be planted where they will enframe the view, rather than divide it into incomplete fragments.

The home planting should partake of the character of its surroundings. The trees should enframe the house and be in harmony with the architecture by strengthening its permanence, and dignity. To achieve this effect, the hardwoods such as Cutleaf Weeping Birch, Moline Elm, Cordata Linden, or Norway Maple are best used. Hardwood trees provide a majestic permanence, dignified atmosphere and ease of maintenance that cannot be attained by the use of faster growing, more brittle softwood types.



Cutleaf Weeping Birch

NURSERY STOCK

All trees and other nursery stock are priced f.o.b. Salt Lake City. Orders of deciduous nursery stock can be shipped at any time during the Spring so long as the plants are dormant. Early plantings give best results.

SHIPPING WEIGHT—ORNAMENTAL TREES

Size	3-4	4-5	5-6	6-8	8-10	10-12
For one only	5 lbs.	7 lbs.	9 lbs.	12 lbs.	17 lbs.	20 lbs.
Each additional	2 lbs.	3 lbs.	5 lbs.	8 lbs.	10 lbs.	12 lbs.

Express or Motor Freight recommended for all trees larger than 3-4 ft.

Ornamental Shade Trees — continued

CRABS, FLOWERING (Malus) *gityBEVW*

From the standpoint of good growth, foliage, flowers and fruits, they are more satisfactory than any other group of small flowering trees. Their hardiness and wide adaptability to soil and climatic conditions make them especially desirable in our mountain states.

9563 **Arnoldiana** (10')—One of the most compact in habit of all the crabs and among the earliest to bloom. The flower buds are carmine, opening to delicate blush white flowers in long gracefully drooping clusters. Waxy yellow fruits the size of a Cherry add a pleasing note.

9564 **ATROSANGUINEA** (12')—A small tree, picturesque in form, with deep purplish bark and purplish green foliage. The buds of deepest carmine open to pink and are followed by small reddish purple fruits.

9565 **BECHTELS** (H 12')—A very symmetrically formed tree with silver grey bark and large, deeply veined leaves. Its large double pink flowers resemble small opened roses.

2-3' only, price, \$1.50

9566 **Dolga** (H 15')—Large white flowers followed by a great crop of red crab apples. Fruit makes up into jelly of the finest flavor.

9568 **Eleyi Purpurea** (H 15')—One of the best, the tree produces a mass of red bloom against a purplish bronze foliage. Dark red fruit that makes fine jelly.

9570 **Floribunda** (H 12')—Comparatively spreading in form. The rich rose-pink buds open to masses of white.

9574 **HOPPI** (H 12')—When in bloom, the flowering crab Hoppi is a gorgeous mass of soft rose red single flowers. The tree is upright and uniform in habit, growing rapidly into a beautiful small tree. Its bright orange red fruits are pretty in the fall and are good for jelly.

9576 **Red Silver** (H 12')—Red from top to bottom in bark, tree leaf, and flower. The leaves have a cutleaf character and are maroon, red and silver in color.

Each of above Crabs, except Bechtels—5-6', \$2.00.

CERCIS *hjoytASW*

9562 **Canadensis** (Redbud) (H 30')—Striking ornamental trees, loaded with a mass of pea-shaped pink blossoms in early spring before the leaves appear.
5-6', \$3.00

ELM (Ulmus)

9584 **Chinese or Siberian** *gityNOVWX* (H 40')—5-6', \$1.50; 6-8', \$2.00; 8-10', \$3.00; 10-12', \$4.00

9586 **Camperdown** (Umbrella Elm) *gjoyNVW* (H 15')—Branches grow outward and downward. Four-year heads, on six foot standards. \$4.50

9590 **English** *gityNSVW* (H 75')—A noble rapid-growing tree, forming a dense head.
6-8', \$3.00; 8-10', \$4.00

9592 **Moline** *gityNSVW* (H 75')—Columnar form. The older trees becoming more spreading.
6-8', \$3.00; 8-10', \$4.00; 10-12' \$4.50

HORSE CHESTNUT

9596 **White Flowering** *gtyBSVW* (H 60')—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented.
7-8', \$4.50

HAWTHORNE (Flowering) *gityBEVW*

9600 **Paul's Scarlet Double** (H 15')—Flowers deep crimson-scarlet; very double, followed by large red berries borne freely.
3-4', \$2.50; 5-6', \$4.00; 7-8', \$5.00

9598 **English** (Double Flowering) (15')—Large clusters of double white flowers appear in May. In late summer and fall the tree is aglow with many large bright red berries.
6-7', \$4.50

GOLDEN RAIN TREE

9686 **Koelreuteria Paniculata** *hktyBNOVW* (H 25')—"Golden Rain Tree." Large golden clusters.
3-4', \$2.00

LABURNUM *hityBVW*

9602 **Vossi** (Long Clustered Golden Chain)—Small tree with flowers of pure golden yellow formed like those of Wisteria. The long hanging clusters attain as much as eighteen inches in length. 5-6', \$3.50

LINDEN (Tilia) (H 60') *gtyBESVW*

9604 **American**—Not available this season.

9605 **CORDATA** (Little Leaf Linden)—One of the finest shade and street trees. L. Cordata is very uniform in growth and has smaller leaves than either the American or European varieties. 7-8', \$4.00 ea.

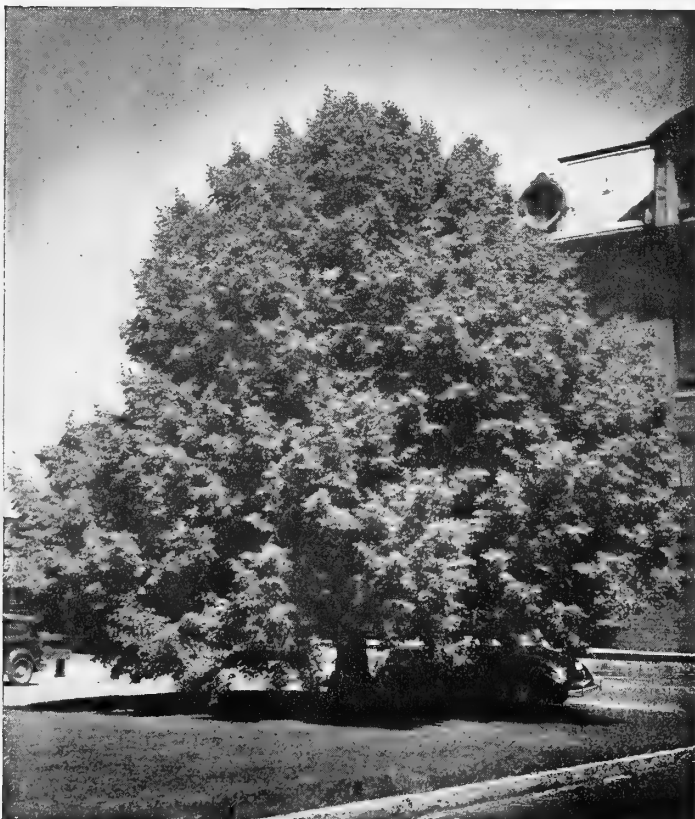
9606 **European**—Pyramidal shape, foliage similar to the American Linden; white flowers in June.
7-8', \$3.50; 8-10', \$4.50; 10-12', \$6.00

LOCUST (Robina)

9616 **Thornless Honey Locust** *gkmyNSVW* (H 50')—Very small leaves, an ideal lawn tree. 8-10', \$5.00

9610 **Globe Locust** *gimyNRVW* (H 20')—Unusually attractive round-headed tree. 1 Yr. head, \$5.00

9618 **THORNLESS HONEY LOCUST MALE TREES** *gkmyNSVW* (H 50')—Not available.



Linden, Cordata (Little Leaf)

MAPLE (Acer)

- 9624 **NORWAY** gjyAVW (H 60')—Few trees equal the symmetrical beauty of form of the Norway Maple. It is a thrifty, clean and hardy species adaptable to almost any soil or climate and will admirably endure the varied conditions of city life. The leaves are large and attractive, giving ample shade. An ideal street or yard tree.
6-8', \$3.25; 8-10', \$3.75; 10-12', \$4.75
- 9626 **Schwedleri** gjyANVW (H 60')—Red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green; in autumn, golden yellow
8-9', \$4.00
- 9628 **Silver** gjyANVW (H 60')—A large tree, very fast growing
5-6', \$2.50; 6-8', \$3.00

MULBERRY *hjoyBNOVW*

- 9634 **Russian** (H 25')—A quick growing tree with large leaves. 5-6', \$2.00; 6-8', \$2.50

OLIVE

- 9638 **Russian** (Eleagnus Angustifolia) gjmtyBENVW (H20')—Leaves silvery green. Very hardy. Vigorous grower and valuable for screens, hedges, and color accents in landscape effects.
3-4', \$1.50; 5-6', \$2.00

PEACH (Amygdalus Persica)

- Double Flowering** hktyBNSUVW' (H 15')—A flowering peach in bloom has the appearance of an immense bouquet of gorgeous double flowers.

- 9642 **Double Pink** 4-5', \$1.75
9644 **Double Red** 4-5', \$1.75; 5-6', \$2.00

PLANE ORIENTAL

- 9646 **London Plane** hjmoyNVWX (H 70')—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed
5-6', \$2.50; 6-8', \$3.50; 8-10', \$4.00; 10-12', \$4.50

POPLAR (Populus) *gjotyNOVW*

- 9650 **Bolleana** (H 60')—A tall columnar tree. Leaves silver
6-8', \$2.50; 8-10', \$3.00; 10-12', \$3.50
- 9652 **Canadian** (H 60')—A sturdy rapid growing variety. 4-5', \$1.00; 6-7', \$2.00
- 9654 **Carolina** (H 50')—Branching habit 4-5', \$1.00; 6-7', \$2.00
- 9656 **Lombardy** (H 80')—Grows narrow and columnar. 8-10', \$2.00

MAY DAY TREE

- 9680 **May Day Tree** (Prunus Padus Commutata) (15-20')—Here is a really wonderful small tree for lawn or street planting. Its fragrant white flowers in long racemes create a massive bouquet of loveliness each year about the first of May. The individual flowers are 1/2 inch across and thickly set on the fine branches.



Linden European

SOPHORA (H 60')

- 9684 **JAPONICA** (Chinese Scholar Tree)—A symmetrical round-head tree with dark green glossy foliage giving a moderately dense shade. It is particularly desirable in the garden because of its long drooping cream-colored panicles which appear in late July when most other woody plants are out of bloom. They are especially effective against a background of Spruce or Pine.
4-5', \$2.50

WILLOW (Salix) *gntyANRVX*

- 9700 **Laurel Leaved Willow**. Glossy, deep green leaves. 6-8', \$2.50
- 9694 **Matsudana** (Hankow Willow) (H 35') Upright.
6-8', \$2.50; 8-10', \$3.50
- 9696 **Pussy Willow** (H 12') 5-6', \$2.50
- 9690 **Weeping Babylonian Willow** (H 30') 6-8', \$2.50; 8-10', \$3.50
- 9698 **Weeping Golden Willow** (H 25') 5-6', \$2.00; 6-8', \$2.50; 8-10', \$3.50

WISTERIA Tree form—see page 56.

NUT TREES

BEAUTIFUL and FRUITFUL

- 9716 **Almond Northern** jkAUW (H 20')—Exceptionally hardy and productive bearing soft shelled nuts of excellent quality.
4-5', \$1.50; 5-6', \$1.90
- 9720 **Almond, Utah, I. X. L.** jkAUW (H 20')—Smooth, soft shelled nuts of excellent flavor 4-5', \$1.50; 5-6', \$1.90
- 9724 **Filbert, Barcelona**—This is the leading commercial variety and one of the best croppers, producing large, round nuts. It needs one or more pollinators for best results. 3-4' \$1.75
- 9727 **Filbert, Daviana**—Produces medium sized nuts of fine quality and is a fair bearer. Fine for pollinizing Barcelona. 3-4', \$1.75
- 9728 **English Walnut**—Hardy strain. 5-6', \$4.00
- 9732 **Walnut, Thomas Black** gjyAENVW (80')—Large nuts with large kernels which come out in halves. Has a distinctive walnut flavor. The tree is fast growing, upright, and begins bearing in five years. 5-6', \$4.00
- 9735 **Common Black Walnut**—A sturdy tree for woodlot or windbreak.
5-6', \$2.50; 6-8', \$3.00

The shiny black cherry fruits which follow the blossoms are preferred by the birds to other more valuable fruit.

May Day Tree comes from eastern Siberia and Manchuria where extreme hardiness and vigor were developed. It is highly recommended where it has been grown from Massachusetts to South Dakota and Idaho. Plant May Day Tree for permanent glorious beauty.
4', \$2.50 each

PRUNUS (Flowering Cherries)

Not available this season.

PRUNUS FLOWERING PLUMS *hktyBNSUVW*

- 9672 **Newport** (H 15')—Not available this season.
- 9676 **Thundercloud**—An outstanding new variety which, without question, has the best and darkest foliage of all the purple leaved flowering plums and retains its deep coppery effect throughout the summer. Light pink single flowers cover the tree in the spring. 4-5', \$2.00
- 9678 **Triloba** (Double Flowering Plum) (H 10')—Before leaves appear, the tree is a mass of double, pink blossoms. May be grown in bush form. 2-3', \$1.50



Cooling Background of Trees

P.-W.'s FRUIT TREES

"Mountain Grown" for Greater Productivity

Apples *gkyBNX*

"The King of Fruits"—
"An Apple a Day Keeps the Doctor Away."



Red
Delicious

SUMMER VARIETIES

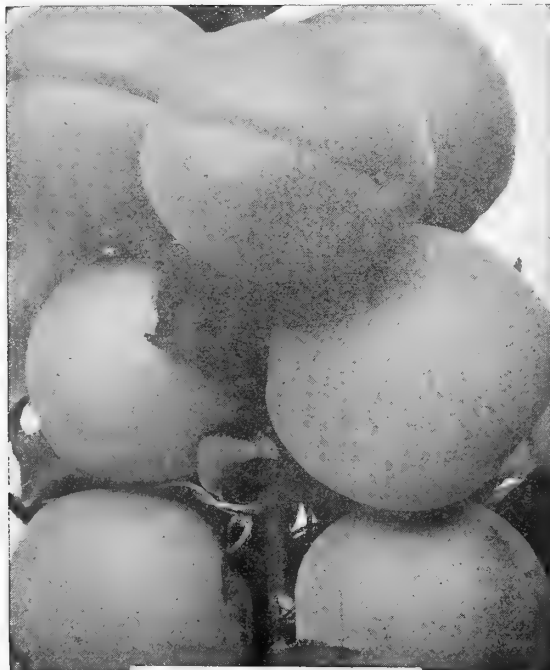
9750 **EARLY REDBIRD**—Claimed to be the earliest red apple in cultivation. Ripens a week earlier than Yellow Transparent, producing most palatable, glowing-scarlet-red apples—almost twice the size of Early Transparent.

This apple, because of its size, flavor and cooking qualities, is superceding the old favorite, Red Astrachan.

9757 **SUMMER DELICIOUS**—Apples of a size, shape, color and flavor similar to the popular Red Delicious are uncommon in July and August, the ripening time of summer Delicious. For home and local market its sweet aromatic flavor will be sought after for pies as well as for eating out of hand.

9756 **YELLOW TRANSPARENT**—One of the earliest. Apples pale yellow when ripe; good quality. Ripens in July.

Sizes of all summer Apples: 5/16-7/16, 7/16-9/16, 9/16-11/16.



P.-W.'s Chinese Apricots

AUTUMN VARIETIES

9746 **Wealthy**—Dark red, sub-acid. Trees bear very young. Sizes: 5/16-7/16, 7/16-9/16, 9/16-11/16.

WINTER VARIETIES

9762 **DELICIOUS**—Solid red, most popular for eating, storing and shipping.

9764 **Delicious**—Yellow-gold. It bears young and heavily. The fruit is large, juicy. No other yellow apple is of better quality.

9766 **JONATHAN**—Solid red. Equal to Delicious in popularity. Very firm, richly flavored flesh.

9772 **ROME BEAUTY**—Solid red. It is a brilliant red apple, large, tender, juicy. The tree is hardy and bears heavy crops every year.

9774 **Staymens Winesap**—Smooth, greenish-yellow, splashed and striped with red and purple.

Sizes of Winter Apples: 5/16-7/16, 7/16-9/16, 9/16-11/16.

CRAB APPLES

9786 **Siberian**—Beautiful red. September. Highly esteemed for making jelly.

Sizes: 5/16-7/16, 7/16-9/16, 9/16-11/16.

Apricots *hkyBUX*

9790 **Chinese**—Large, round, deep orange-yellow fruits. Flesh is firm and the richest flavor. Late June.

9796 **Moorpark**—Very large, light yellow, oval shaped fruit. The tree is slightly hardier than Chinese. Late June.

Sizes of both Apricots: 7/16-9/16, 9/16-11/16, 11/16-up.

Luscious Pears *gkASX*

Plant about 20 ft. apart each way

9850 **BARTLETT**—Fruit, large, clear yellow, highly flavored; very juicy. September.

Sizes: 5/16-7/16, 7/16-9/16, 9/16-11/16, 11/16-up.

9860 **PARRISH FAVORITE**—Large winter pear, ripening in November-December. Will keep until Spring, retaining its captivating flavor. Never blights.

Sizes: 5/16-7/16, 7/16-9/16, 9/16-11/16.

NECTARINES *hkyBNX*

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is remindful of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

9816 **John Rivers**—The hardiest Nectarine. Attractive size, red cheek and luscious green flesh.

Sizes: 7/16-9/16, 9/16-11/16, 11/16-up.

	SIZES		Prices per tree for quantities of one kind and size			
	See under each class for sizes available		1-9 TREES	10-49 TREES	50-249 TREES	250 or more TREES
APPLES AND APRICOTS	5/16-7/16 (2-3 ft.)		.80	.73	.59	.54
	7/16-9/16 (3-4 ft.)		1.00	.91	.73	.67
	9/16-11/16 (4-5 ft.)		1.25	1.10	.86	.80
	11/16-up (5-6 ft.)		1.50	1.35	1.10	1.00
PEARS AND NECTARINES	5/16-7/16 (2-3 ft.)		1.00	.95	.66	.61
	7/16-9/16 (3-4 ft.)		1.25	1.15	.79	.73
	9/16-11/16 (4-5 ft.)		1.50	1.35	.93	.87
	11/16-up (5-6 ft.)		1.90	1.65	1.15	1.05

f.o.b. Salt Lake City

Cooling Shade or Beautiful Flowers



PINK FLOWERING PEACH

9642

HELEN BORCHERS

Pink double flowering Peach. A select strain with larger, deep pink flowers.

4-5', \$1.75 each

Also available in the popular red flowered variety.

9644

RED Double-Flowering PEACH

For spectacular, far reaching beauty and for special garden accent points, gardeners wisely choose the Red Double-flowering Peach. It is a small tree (about 15 feet tall) of erect habit and moderately rapid growth.

5-6'
\$2.00
each



MALE GREEN ASH

NORWAY MAPLE

9624

NORWAY MAPLE

The always popular Norway Maple is a tree of uncommonly sturdy character. Its clean hardwood trunk and branches have an unmistakable air of permanence; the large deep green, notched leaves adding a dense, comforting shade. The Norway Maple grows tall with a beautiful, rounded head but when kept trimmed will make a more compact specimen. Its ability to thrive in almost any type of soil is recognized by gardeners everywhere.

6-8' \$3.50; 8-10' \$4.00; 10-12' \$5.00

PAUL'S SCARLET FLOWERING HAWTHORN (Left)

9550

MALE GREEN ASH

Because Male Green Ash is a non-seed-bearing tree all of its strength and energy go directly into the production of beauty and shade. Its leaves are more glossy and more profusely borne than those of the female tree. Tall, pyramidal in form with strong, hardwood branches Male Green Ash is one of the most adaptable and permanent shade trees.

6-8', \$3.75; 8-10', \$4.50; 10-12', \$6.00

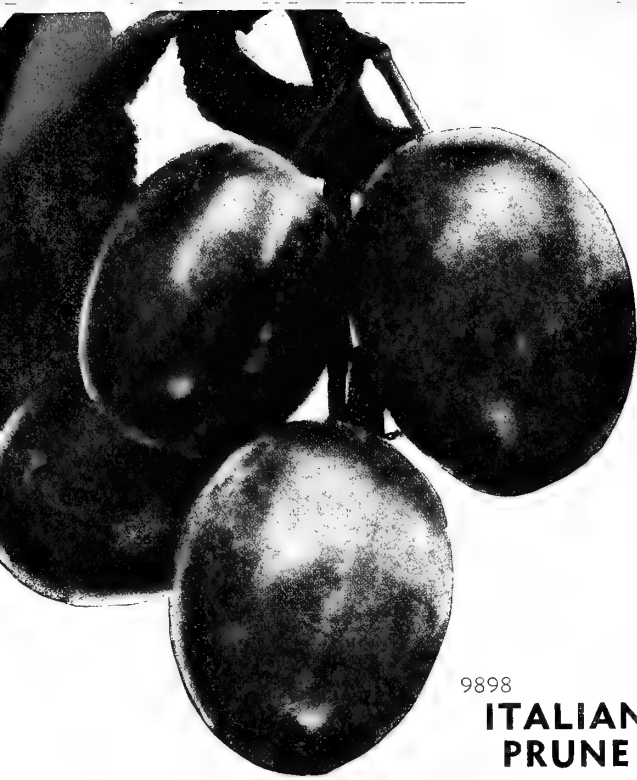
9600

PAUL'S SCARLET HAWTHORN

In late Spring this shapely small tree is aglow with countless clusters of brilliant scarlet flowers. Large shiny red berries are attractive in the Fall.

5-6', \$4.00





9898

ITALIAN PRUNE

One of the most dependable profit producing fruits for the commercial grower and equally desirable in the home orchard.

Extra size (11 16" - up) \$1.75
 4-6' (9 16-11 16) \$1.25
 3-4' (7 16- 9 16) \$1.10



RED DELICIOUS APPLE

(Courtesy Washington State Apple Commission)

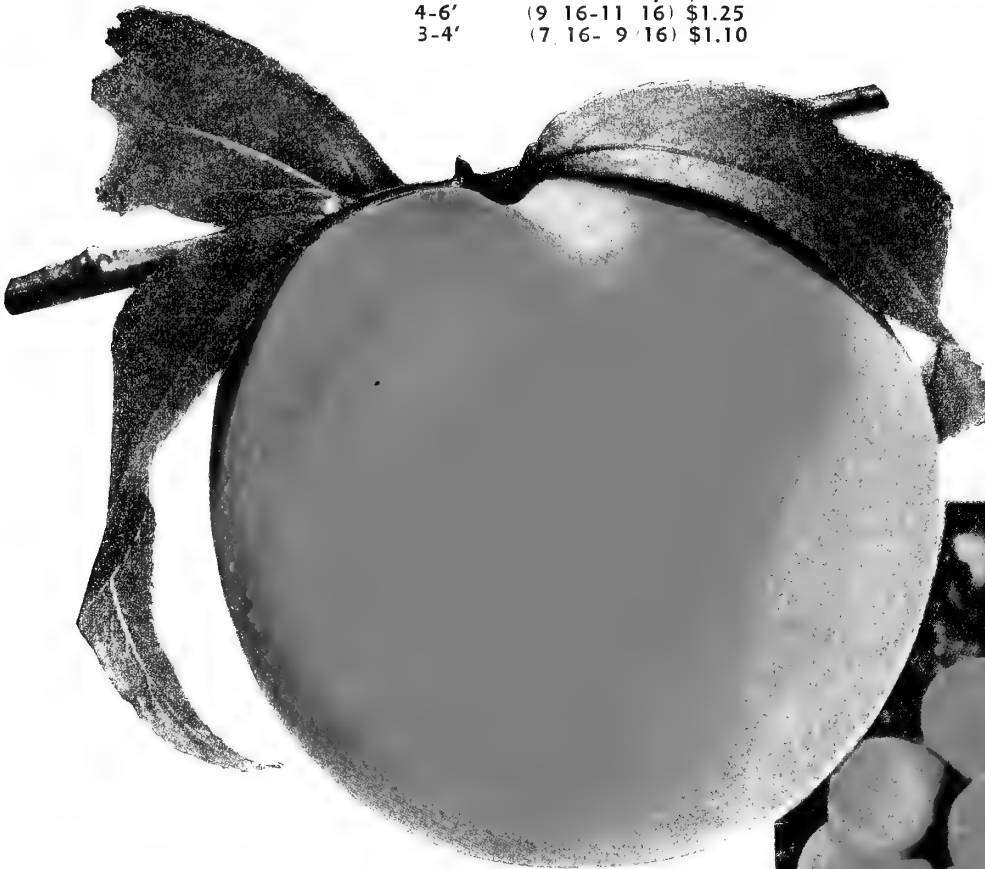
9764

RED DELICIOUS

America's most famous dessert apple. Extra large fruits, tender and truly "Delicious". It is always in demand on the markets and is a valuable asset to the home orchard.

4-6' (9 16-11 16") \$1.25
 3-4' (7 16- 9 16") \$1.10
 2-3' (5 16- 7 16") \$.95

Quantity prices of apples will be found on page 60



9836

HALEHAVEN

The "all-around" home and commercial peach. Halehaven produces large, beautiful fruit of excellent flavor and firm texture. It ripens about 17 days earlier than Elberta. Over the nation the number of trees planted annually is second only to Elberta.

Extra (11 16" - up) \$1.75
 4-6' (9 16-11 16") \$1.25
 3-4' (7 16- 9 16") \$1.10

See page 64 for Quantity Prices



Fruit Trees continued

Sweet Cherries *hjBUX*

Plant 30 feet apart; 49 per acre.

9800 **BING**—About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens July in Salt Lake valley. Wonderful shipper.

7/16-9/16; 9/16-11/16; 11/16-up

9802 **LAMBERT**—This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart-shaped, firm flesh and a rich, sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens in July.

7/16-9/16; 9/16-11/16; 11/16-up

9804 **Black Tartarian**—Large, purplish-black, sweet. Ripens first of July. Plant with Bing or Lambert for pollinization.

9/16-11/16; 11/16-up

9806 **Napoleon**—Very large, pale yellow, red cheek. June.

11/16-up

9808 **Windsor**—Fruit large; heavy bearer; beautiful dark color, almost black. Good pollinizer for Bing or Lambert.

9/16-11/16

SOUR CHERRIES *giBUX*

Plant 20 feet apart each way; 108 per acre.

9810 **ROYAL DUKE**—Not available this year.

9812 **MONTMORENCY**—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

7/16-9/16; 9/16-11/16

9214 HANSEN'S BUSH CHERRIES

Since the introduction of these new fruits they have become widely planted. Hardy, easy to grow, and early bearing, they adapt themselves to even the coldest climates. The fruit is good to eat fresh and will make the most delicious preserves. Plant them 3-4 feet apart in rows 6 feet apart for fruit production. When used as ornamental shrubs they are beautiful as specimens, groups or hedges. 2-3', 75c each

Peaches *hkBUX*

Plant 20-25 feet each way; 70-108 per acre.

9820 **Alexander**—Handsome, crimson. Ripens about July 24.

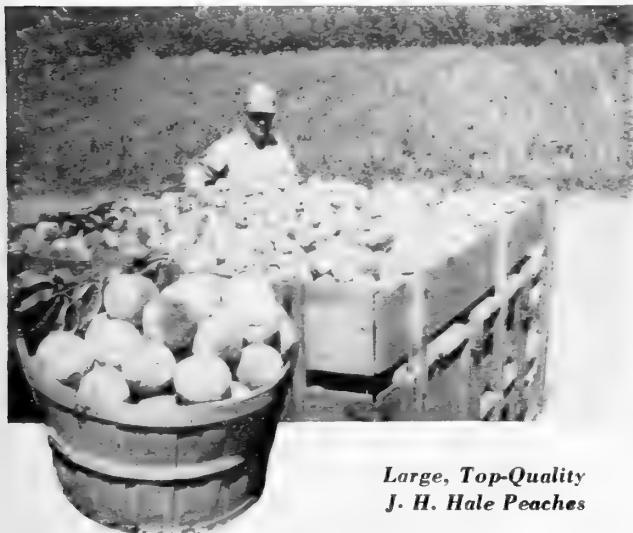
9826 **ELBERTA**—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shippers. Freestone.

9828 **EARLY ELBERTA**—About ten days earlier than regular Elberta, otherwise similar.

9834 **J. H. HALE**—Large orange-yellow; considered by many superior to Elberta. Freestone.

9836 **Halehaven**—Large reddish yellow, a cross between J. H. Hale and South Haven, combining the good qualities of each. Ripens 17 days before Elberta.

9/16-11/16; 11/16-up



Large, Top-Quality
J. H. Hale Peaches



Part of a truckload of Lamberts leaving the orchard

SWEET CHERRIES
See each variety for sizes available

Prices per tree for desired quantity of any one kind and size

Size Caliper	Quantity ↓ →	1 to 9 Trees	10 to 49 Trees	50 to 249 Trees	250-up Trees
7/16-9/16	(3-4 ft.)	\$1.75	\$1.50	\$	\$
9/16-11/16	(4-5 ft.)	2.00	1.70		
11/16-up	(5-6 ft.)	2.25	1.90		

MONT-MORENCY

7/16-9/16 (3-4 ft.)	1.75	1.50	1.08	
9/16-11/16 (4-5 ft.)	2.00	1.70	1.23	

PEACHES

7/16-9/16 (3-4 ft.)	1.00	.91	.73	.67
9/16-11/16 (4-5 ft.)	1.25	1.10	.86	.80
11/16-up (5-6 ft.)	1.50	1.35	1.10	1.00

f.o.b. Salt Lake City

SHIPPING WEIGHTS

Size	One Tree Only	Each Additional
7/16-9/16	4½ lbs.	1½ lbs.
9/16-11/16	6½ lbs.	2 lbs.
11/16-up	9 lbs.	5 lbs.

9831 **SUMMER ELBERTA**—A new and superior very early yellow-fleshed freestone Peach. Summer Elberta has the fundamental characteristics of the famous old Elberta but with a new richness of flavor, sweeter, juicier flesh and a more beautiful red colored skin.

Excellent for canning, shipping and for eating fresh, Summer Elberta extends the home canning season and offers a real money making opportunity to commercial fruit growers. It ripens in July and early August when good quality Peaches bring the highest market price.

9840 **Orange Cling**—Very large; yellow with dark crimson cheek; flesh golden yellow.

Sizes of all peaches except Halehaven—

7/16-9/16; 9/16-11/16; 11/16-up

(Right)
An
Italian
Prune
Tree
at
Harvest
Time



PLUMS and PRUNES *gktBNX*

Plant about 20 feet apart each way, 108 trees per acre.

- 9870 **Duarte**—A rich blood-fleshed plum; similar to Satsuma. Tests show this tree is hardier and more productive.
- 9873 **Elephant Heart**—A huge, heart-shaped freestone plum with blood-red flesh and luscious flavor. Early September.
- 9872 **Formosa**—Early, large, heart-shaped, cherry-red as it ripens, sweet and delicious. Early July.
- 9874 **Green Gage**—Large pale green fruits, rich flavored and juicy.
- 9886 **Santa Rosa**—One of the leading shippers. Good size, purplish red. Flesh reddish in color, juicy and delicious. Late July.
- 9890 **Satsuma**—A fine, large purplish crimson; pit small. Delicious flavor. July.

- 9898 **ITALIAN FLEMBURG PRUNE**—Large, oval, dark purple; flesh greenish yellow; separates freely from stone; best for drying. August-September. Best commercial sort, "Italian" is on peach root.

PLUMS and PRUNES		Prices per tree for any desired quantity of one kind and size			
Size Caliper	Quantity	1 to 9 Trees	10-49 Trees	50-249 Trees	250-up Trees
7/16-9/16	(3-4 ft.)	\$1.00	\$.91	\$.73	\$.67
9/16-11/16	(4-5 ft.)	1.25	1.10	.86	.80
11/16-up	(5-6 ft.)	1.50	1.35	1.10	1.00

f.o.b. Salt Lake City

DWARF FRUIT TREES

Only a small space required for these fruitful and ornamental Dwarf Trees. Even a small yard can provide a wide variety of delicious fruit.

Early Bearing, usually the first or second year after planting gives most efficient use of garden space.

June to October—Popular demand for Dwarf Fruit Trees has guided us in the selection of this group of fine varieties, the largest we have ever offered. There is a fruit for every month from June to October.

- 9793 **Dwarf Apricot Perfection** (June)
 9799 " **Cherry Bing** (July)
 9889 " **Plum Satsuma** (July)
 9835 " **Peach Halehaven** (August)
 9869 " **Pear Bartlett** (September)
 9868 " **Apple Red Delicious** (October)

All are husky 2-year-old Trees

- 1 to 9 of one variety **\$3.00 each**
 10 to 49 of one variety **\$2.72 each**
 f.o.b. Salt Lake City

SHIPPING WEIGHTS

Size	One tree only	Each additional
7/16-9/16	4½ lbs.	1½ lbs.
9/16-11/16	6½ lbs.	2 lbs.
11/16-up	9 lbs.	5 lbs.

Small Fruit Plants A Small Cost for Big Savings

BLACKBERRIES *gkxN*

- 9900 **Early Harvest**—Berries uniform, glossy black, very early.
 9906 **Lucretia Dewberries**—Fruit very large, superb quality.
Price 1 to 9 plants, 15c ea.; 10 to 29, 12c; 30 to 249, 10c;
 250 to 1000, 9c

BOYSENBERRY *ikN*

- 9912 **Boysenberry Thornless** (See illustration on opposite page)—Boysenberry is superior to all other vine berries in flavor, color, size and productivity. When canned fresh or in jam they have a distinctive luscious flavor. The thornless strain offered here is especially desirable for the home garden.
 1 to 9 plants, 40 c ea.; 10 to 29, 35c; 30 to 249, 28c; 250-1000, 25c.

Small Fruit Plants Cont.

STRAWBERRIES *gk.N*

All Strawberry plants will be sent either Parcel Post or Express, according to quantity. Put up uniformly in bunches, 25 plants each.

9990 **Marshall**—As a large berry for home use, it is peerless. The color is a rich, glossy crimson.

9992 **Mastodon Everbearing**—Large luscious and deep red.

9997 **UTAH CENTENNIAL**—This strawberry is such an outstanding new variety that we have illustrated it in full color on the inside back cover. Photographic and printing processes, however, cannot reproduce its true character—its superior size and color, and particularly its amazing productivity and wonderful flavor. Not until you have grown and eaten the fruit will you fully realize the superiority of Utah Centennial.



New Boysenberry

(See opposite page)

CURRENTS *gk.NW*

9920 **PERFECTION**—Large, bright red; most popular new variety. Large 2-year-old roots.

Price: 1 to 9 plants, 50c ea.; 10 to 24, 40c; 25 to 249, 34c.

GOOSEBERRIES *gk.NW*

9930 **Champion**—Medium size red fruits. Good yielder.

9934 **Haughton**—Good quality fruits either green or ripe. Medium size and pale red when ripe.

Either of above: 1 to 9 plants, 65c each; 10 to 29, 55c ea.; 30 to 249, 50c ea.; 250 to 1000, 45c ea.

RASPBERRIES (Red Varieties)

9970 **Latham**—This remarkable and very desirable variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color, a brilliant red.

Prices: 10 to 24 plants, 15c ea.; 25 to 49, 12c ea.; 50 to 249, 10c; 250 to 1000, 8c.

9974 **P.-W.'s Colossus Everbearing**—The finest red everbearing raspberry. The fruits are very large, firm, and of excellent flavor and color making them particularly valuable for table use, for canning and for frozen food locker storage. Commercial growers show good profits with Colossus.

9976 **INDIAN SUMMER**—Another everbearing Raspberry of superior quality. The fruits are large, roundish-conic, medium red and excellent flavor. The vigorous plants (above medium height) bear heavy crops; the first ripening soon after the June varieties and the second, beginning in September and continuing until severe frost. Especially recommended for the home garden.

9978 **Taylor**—The most promising new red variety. Hardy, vigorous, tall, and very productive. The fruits are large, oblong, bright red and ripen a little earlier than Latham.

Price, all Red Raspberries except Latham:

10 to 24 plants, @ 23c each; 25 to 49, 17c ea.; 50 to 249, 15c; ea.; 250 to 1000, 12c ea.

BLACK AND PURPLE RASPBERRIES

9980 **Bristol (Black)**—The berries are large, firm, fairly glossy and of excellent quality, ripening 3 to 4 days earlier than Cumberland.

9984 **Sodus (Purple)**—New and very promising. The plants are very vigorous, very productive, hardy, drought resistant and yield a good crop every year. The fruits, which ripen shortly after Latham are very large, firm, medium purple in color, sprightly and good in quality.

Either: 10 to 24 plants, @ 19c each; 25 to 49, 15c ea.; 50 to 249, 12c ea.; 250 to 1000, 10c ea.

Strawberries sold only in bundles of approximately 25 plants each.

QUANTITY	Prices per Plant			
	25 to 50	75 to 225	250 to 976	1000 up
MARSHALL	4c	3c	2½c	2c
MASTODON	5c	4c	3c	2½c
UTAH CENTENNIAL	10c	7½c	6c	5c

GRAPES

Hardy American *gmtx.NW*

9940 **Caco**—Best hardy red grape. Large, juicy and delicious. Price line C below.

9942 **Concord**—Deep purple. Most popular for jelly or grape juice. Price line A below.

9943 **Concord Seedless**—Fruits resemble concord in color and flavor, but are seedless and slightly smaller. Fine for home use. Price line D below.

9948 **Golden Muscat**—Rich golden in color, with the fine aroma of the European Muscat. The vine is vigorous, productive with very large clusters and berries. The fruit is tender, sweet, juicy and aromatic; ripens ten days later than concord. Price line D below.

9950 **KEUKA**—A new hardy grape which approaches the European class in quality. Medium size berries make a compact, well formed bunch, (also medium sized) very neat and trim in appearance. The berries are round oval, dark red with a heavy overcast which gives them a lilac color. The flesh is crisp and juicy with a sweet vinifera flavor. Its skin is so tender that the berries may be eaten, skin and all. Vigorous, healthy, productive vines ripen their fruit in September. Price, line D.

9953 **PORTLAND**—This new early white grape has risen to first place in its class. The vine is very hardy, vigorous and productive; remarkable for its luxuriant and persistent foliage. The bunches and berries are larger than those of any other early green grape. Price line C.

9956 **Seneca**—This remarkable development is a green California type grape on a hardy vine. The firm meaty flesh of superlative quality keeps well either on the vine or off. A real treat for grape lovers. Ripens three weeks before Concord. Price, line D.

9958 **Van Buren**—Ideal where the growing season is too short for Concord. It ripens a month earlier. The fruit is of the Concord type and equal to it in quality. Price, line D.

GRAPES, EUROPEAN VARIETIES *imtx.NW*

9960 **Black Malvoice**—Berries large, oblong, reddish black, juicy. Price, line B.

9962 **Flame Tokay**—Large, sweet, red. Price, line B.

9964 **Muscat**—Large, light colored raisin and wine grape. Price, line B.

9966 **Thompson's Seedless**—Popular seedless raisin grape. Price, line B.

GRAPE PRICES

QUANTITY	Prices per Plant—2 Year No. 1			
	1 to 9	10 to 29	30 to 249	250 to 1000
Price A	\$.35	\$.30	\$.25	\$.22
" B	.45	.37	.33	
" C	.45	.37	.33	.30
" D	1.20	1.00	.89	

HYBRID FIELD CORN

Sow in drills 3 feet apart, using approximately 15 pounds of seed per acre.



Port-Walco Hybrid No. 100

FOR GREATER YIELDS ON FEWER ACRES WITH LESS HELP

Hybrids are superior because of their resistance to drouth, uniformity of growth, stiffness of stalks and increased yields, amounting to as much as 25%.

2502 PORT-WALCO HYBRID NO. 100

The New Leader

Without a peer in a Medium Maturing Hybrid for the particular Farmer. Since its introduction growers in most areas have reported heaviest tonnage per acre in both green fodder and in dry weight with Port-Walco Hybrid 100. Maturity 5 to 7 days earlier than the old U.S. 52 allows a wider range of planting. It is a prodigious yielder of good solid corn under a wide range of soils and climatic conditions. The ears are long and thick with very little taper which makes for a large yield in grain. It is a strong and vigorous grower, producing tall succulent stocks. Then too, the ears are set at a good height so there is little or no stalk breakage. You will be liberally rewarded for planting a good acreage of this splendid new variety.

2505 PORT-WALCO HYBRID NO. 90

The newly proven leader in the 90-day maturity class. The dark green colored plants of this high yielding early hybrid retain their rich color even after the ears are well matured. This condition makes possible a feed of greatest nutritive value, having at the same time the advantage of higher palatability. The ears are medium size and thick, with deep kernels. Our tests of No. 90 prove it to be the heaviest grain and fodder yielding variety among those of the same maturity date.

2507 PORT-WALCO HYBRID NO. 120

The outstanding silage variety, maturing in from 110 to 120 days. Not only is it the heaviest fodder producer in our hybrid list, but it produces an equally good grain crop. Its short shanks permit easy harvesting and handling for silage purposes. The plants of No. 120 are rich dark green, retaining their color until after the ears are well matured. As silage, it possesses both higher food value and higher palatability. We recommend No. 120 as superior to U. S. 52 for silage.

2508 MINHYBRID - No. 301

This new hybrid has proven its value in trial plantings in all the principle Corn growing sections of Utah during the past 3 years. High recommendations come from both the U.S.A.C. Extension Service and from farmers who made plantings. Minhybrid 301 matures ten days to two weeks earlier than the U.S. 52 sold by us for several years, but which is now practically non-existent. In addition it does not grow so tall, producing less green weight to handle but retaining a total dry weight equal or nearly equal to that of U.S. 52.

For areas where the growing season is short we recommend Minhybrid 301 because of its earliness and high productivity.

STANDARD OPEN POLLINATED CORNS

2510 Australian White Flint—Heaviest yielding of the Flints, and one of the earliest, maturing in about 75 days. Stalks of medium height bear large 12 row ears.

2512 Minnesota No. 13—The leading all-around open pollinated variety. A 90-day Yellow Dent corn, acclimated to this area. It is the heaviest producer of the medium early corns. Plants grow 7 to 8 ft. tall, bearing ears 9 to 10 inches long. Kernels are medium depth and 16 to 18 rows per ear. Yields average about 90 bushels per acre. Makes splendid ensilage.

2518 Pride of the North—Matures in 80 to 90 days. A tall-growing Yellow Dent with luxuriant foliage, and vigorous grower. Ripens early, yielding 75 to 85 bushels per acre. Very fine ensilage as well as for dry corn.

2520 Improved Leaming—100-110 days. It will grow more tonnage to the acre than any other open pollinated variety we know. Leaming makes a very heavy foliage, making it especially good for silage purposes. The ears and kernels are a little larger than Minnesota 13. Produces good yields of grain.

FIELD SEED PRICES

Prices on all field seeds are quoted on page 72. Since the market changes rapidly on Field Seeds, the prices quoted herein are subject to change without notice. All quotations are f.o.b. Salt Lake City, Utah.

ALL FIELD SEED PRICES ARE ON PAGE 72

SMALL GRAINS & FORAGE

CROPS

Millet

- 2890 **Early Fortune or Red Hog**—This seed is of a shiny reddish brown. The heads are compact. It is ready to harvest in 50 to 60 days.
- 2892 **Golden or German**—This is one of the best varieties for hay and fodder. It makes rapid, vigorous growth, often yielding 3 to 5 tons of hay per acre, on good rich soil. It grows 4 to 5 feet high, is of rather coarse appearance, and should be cut for hay before it is in full bloom. At this stage, the hay is of the best quality.
- 2894 **Yellow Hog**—This is the most popular of the Proso type Millets, very valuable for late planting and as an emergency crop after others have failed. Hog Millet is mainly a grain crop; but has the advantage of the grain ripening while the stems are still green, which if cut at the proper time can be threshed for grain while the hay is of a good quality for feeding purposes.

Dry Land Grain Sorghums

- 2920 **60-Day Milo (Dwarf or Combine Strain)**—Is a Sorghum similar to Kaffir Corn but shorter. Grows erect with thick, close-jointed stalks 2 or 3 feet tall. The large heads give a heavy yield of grain. It is drought-resistant and does well on alkali soils.

Sweet Sorghums

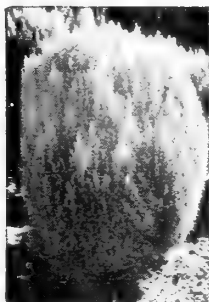
- 2924 **Atlas Sorgo**—Is one of the highest yielding forage crops grown. Produces as much as 25 tons of silage per acre, extremely drought-resistant, and is relished by livestock. It produces a long, leafy stalk, sweet and juicy, with a good grain head.
- 2928 **Black Amber Cane**—80 to 100 days. Is the best known Sorgo and in many sections is the favorite because it is the earliest.

Sunflower

- 2930 **Grey Stripe**—A good silage crop for dry land. They may be sown early or late as they grow rapidly. The silage is very palatable and has high feeding value. Cultivate and handle similar to corn. Plant 5 to 6 lbs per acre.

Rape

- 2900 **Dwarf Essex**—Pasture for hogs, sheep, and poultry. Sow 10 lbs. per acre. There is need for an extra thick growing green forage crop for use any time during the fall, winter, and spring, and our Dwarf Essex Rape fills that need exactly.



- 1180 **KOCHIA**—This hardy annual has been recently recommended as an excellent dry land forage producer. The foliage is similar in appearance to that of Juniper evergreens but is soft and very palatable. The plant, about 15 to 24 inches tall, is densely bushy producing an abundance of feed. Kochia is extremely drouth resistant and will grow on any type of soil. It usually reseeds itself and maintains a good stand of plants for several years. Sow at the rate of 2 to 3 pounds per acre.

Barley

- 2522 **Trebi (certified)**—An excellent feed variety, recommended for the lands of the Rocky Mountain area, heavy yielder. Where grown under irrigation, it qualifies as a malt barley.
- 2524 **Velvon (certified)**—A hardy type released for planting in 1937. It is highly resistant to covered smut and has a smooth awn, which greatly increases its value as feed. Velvon has the desired large, plump, white-colored kernels, the yield generally surpassing other varieties.

Oats

- 2534 **Bannock Oats**—A highly smut resistant variety developed by the Idaho Experiment Station. An exceptionally high yielder having a large, plump, white kernel. Because the straw is stiff and slightly shorter than other varieties Bannock is very desirable where lodging is a problem.
- 2530 **Swedish Select**—The grain is plump, white, and very heavy. The quality of the oats produced in the Rocky Mountains is unsurpassed.

Spring Wheat

- 2550 **Dicklow**—Is a late maturing spring wheat. The kernels are soft and somewhat flattened. It has out-yielded all other varieties except Federation on the irrigated lands of Southern Idaho and Northern Utah. This grain is in demand by millers for making biscuit and pastry flour.
- 2552 **Federation**—Is a short, fairly early spring wheat. The kernels are white, rather short, and usually soft. It has replaced almost all other spring varieties.
- 2554 **Lemhi**—A variety which is rapidly replacing Dicklow. Its superiority is due to the fact that it has the milling quality of Dicklow combined with the stiff straw and high yielding ability of Federation. Lemhi will not lodge nor shatter as easily as other Spring Wheats.



A Field of Lemhi Wheat

CLOVER FOR MEADOWS AND PASTURES

2600 Alsike—Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as a hay crop by itself. It does not winter-kill. The use of Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient. **Does best on damp soils**—used in pasture mixture with grasses.

2610 Hubam Clover (Richest honey producing clover)—This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop or for green manure. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

2620 Ladino Clover is regarded as a large form of the common White Dutch Clover and like the latter is a long-lived perennial. Its growth, however, is larger and more luxuriant. When the leaf growth has been grazed off, new leaves develop quickly, complete recovery occurring in 17 to 28 days. It is strictly a crop for irrigation. Sow in Fall or Spring at the rate of 7 to 8 lbs. per acre.

2630 Medium Red (*Trifolium Pratense*)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or Fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop. It is replacing alfalfa in heavy wilt-infested areas.

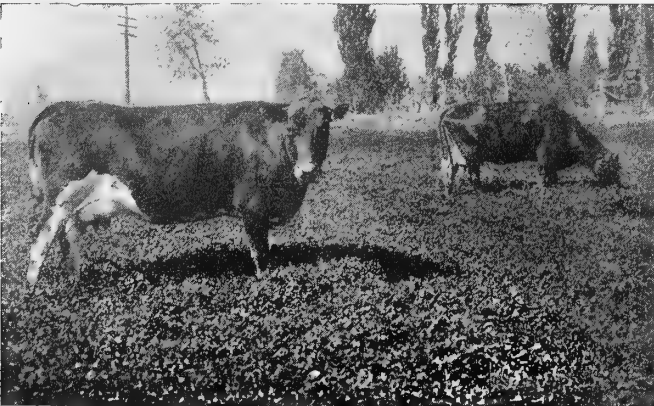
2640 Strawberry Clover (Tall Variety)—It is similar to Ladino but has proved to be much hardier. The flower resembles White Dutch Clover, but is pink. The foliage is similar to White Clover, having creeping runners, strawberry fashion, establishing new plants wherever the nodes contact the soil. It has proved particularly adaptable to alkaline and wet soils. Several observations have been made of this clover growing in fields of salt grass pasture. It is much in demand as a pasture crop because of its palatability. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow 4-6 pounds per acre.

2650 White Dutch Clover—Is a long-lived perennial legume, spreading by creeping stems that root at the nodes. When grown in mixtures with grass it increases the carrying capacity of the pasture and provides a nutritious acid palatable feed. White Clover, like all other clovers, thrives best under cool moist growing conditions.

Extra Values From Pastures

Pasture forage is not only the cheapest and best roughage for efficiency of milk production, but it also gives to milk certain additional qualities. Milk produced on pasture herbage is especially high in vitamins A, C and E. This milk also has a more favorable balance between its basic and acid salts. The highest score butter is made during the pasture season and cheese made from milk produced on pasture is likewise superior.

The finer flavor and aroma producing bacteria are stimulated in growth by the food elements supplied by green forage.



A well-managed pasture for dairy cows.

SWEET CLOVER

2660 White Blossom (*Melilotus Alba*)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere except in acid soil. Sow 10 to 14 pounds per acre. It is often used for a green manure crop because of its quick prolific growth.

2666 Yellow Blossom (*Melilotus Officinalis*)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.

OTHER HAY & COVER CROPS

Field peas

2880 Canadian Field—They enrich the soil and are splendid stock feed. For hay, they should be cut while the milk is in the vine forming the pod. Plant early in the spring at the rate of 100-120 pounds per acre or 60 pounds with a nurse crop of Oats or Spring Rye.

Soy Beans

2911 Chief—It is outstanding for all purposes—hay, feed, hogging down, as well as for planting with corn for the silo. Excellent yields of hay or a large crop of beans. A good average crop will produce 20 to 30 bushels of beans per acre. Chief is a robust grower of vines which stand up well and are easily cut with corn or grain binder. This variety matures in about 100 days.

Vetch

2940 Common—Is grown as a hay and seed crop, as well as for green manure, silage, and pasturage. It should be used far more extensively for orchardists as a cover and green manure crop. Sow 60-80 pounds per acre.

Inoculate all Legume Seeds with

NITRAGIN

1898—A HALF CENTURY OF SERVICE—1948
When ordering, Always state name of seed.

4130 ALFALFA Group A Sweet, Bur, Hubam Clovers

Package		
Inoculates		Retail
1 bu.	.....	each \$.50
2½ bu.	.....	each 1.00

4132 CLOVERS Group B

Medium & Mammoth Red, Alsike, Crimson & White		
1 bu.	.....	each \$.50
2½ bu.	.....	each 1.00

4134 PEAS, VETCHES Group C (All Varieties)

100 lb. size (Inoculates up to 100 lbs.)	.....	ea. \$.50
1200 lb. size (12-100 lb. cans)	.....	ea. 5.70

4136 SOYBEANS Group S

Small, (Inoculates up to 120 lbs. of seed)	.....	\$ .30
5 bu. each	.....	.55
25 bu. each	.....	2.50

4138 BEANS Group D

Navy, Pinto, Wax, String, Kidney and Great Northern		
1 bu. each	.....	\$ .35

4140 GARDEN SIZE Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans. Enough for 8 pounds of seed— 10c each.



Hardy Desert Alfalfa

BETTER PASTURES FEED MORE CATTLE

IS YOUR PASTURE EARNING

\$200 PER ACRE?

You can increase the production of the average pasture 100% by application of the following U.S.D.A. pasture management rules.

1. Fall plow land and work down in spring in firm, moist condition.
2. Use only clean seed of high germination.
3. Sow the seed to a depth of $\frac{1}{2}$ to $\frac{3}{4}$ inches (drilling is preferred).
4. It is safer not to use a nurse crop. If one is used, we recommend Barley at 40 to 50 pounds per acre.
5. Keep young plants well irrigated.
6. Do not graze the first year until mid-July or later.
7. Avoid over-grazing by dividing pasture land into several practical sections and follow a rotation system of grazing.
8. Pastures should be fertilized with 100 to 150 pounds of phosphate per acre every other year and 10 tons of manure per acre every third year.
9. Pastures should be harrowed both ways in early spring and late fall when droppings are soaked to prevent bunching of unpalatable forage the next year.
10. When bunches of unpalatable forage and weeds appear, pastures should be clipped with a mower.
11. Properly irrigated pastures need not consume more water than other irrigated crops.

2560 Hardy Desert—This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." Its roots pierce the soil until moisture is reached, even a depth of twenty or thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation, it is a prodigious yielder. Very desirable, also, as a rotation crop since it supplies the much-needed nitrogen and humus. Sow 10 to 15 pounds per acre.

2570 Utah Pioneer—Placed under certification in 1938. It was selected from two parent fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

2580 Grimm—This variety is especially recommended for shallow soils, those underlaid with hardpan, or where the water table is near the surface. The stems and leaves are of somewhat finer and leafier quality than common Alfalfa. It is susceptible to bacterial wilt and is not recommended for areas of severe infestation.

2590 Ladak—Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardiness. It has also shown marked resistance to bacterial wilt. Ladak makes an exceptionally heavy first and second crop but little third.

2575 Argentine—Imported seed from South America similar to the common Utah strain.

See page 72 for prices

NEW PASTURE MIXTURES

Formulated for **HIGHER PALATABILITY**
MAINTAINED PRODUCTIVITY
WIDE SOIL ADAPTABILITY

2670 Mixture A.—For well-drained irrigated land, or damp fertile soil.

Smooth Brome grass	6
Orchard grass	6
Red Clover	3
Tall Meadow Oat	2
White Dutch Clover	1
Alsike Clover	2
Ladino Clover	1
Total per acre	20 lbs.

2676 Mixture B.—For Alkaline and wet soils.

Red Top grass	3
Strawberry clover	2
Reed Canary grass	4
White sweet clover	3
Meadow fescue	4
Smooth Brome grass	4
Total per acre	20 lbs.

PASTURE PALATABILITY

The most recent trend of study and experimentation with dairy pastures has made possible the classification of various grasses and legumes according to their palatability.

Close observations of 36 different mixtures in one field, revealed which species were most readily grazed. A very important fact is that as soon as the most palatable forage was entirely consumed milk production declined, even though quantities of highly productive but less palatable grasses and legumes were still available.

Our new pasture mixtures are designed to produce more palatable forage and thereby maintain milk production at a more constant level.

Highest yields of forage as well as of milk are produced on pastures where a rotation system of grazing is followed.



The above snapshot shows a section of the ranch producing our Mountain Brome Grass Seed. Important is the row cultivation which insures weed-free seed of finest quality.

2840 Reed Canary Grass (*Phalaris arundinacea*)

This is a valuable high-yielding forage plant which is naturally adapted to grow on low wet lands as a permanent source of high quality hay and good pasturage. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre broadcast, and in drill, 2-3 pounds per acre in 16 to 18 inch rows.

2760 Perennial Rye Grass

Perennial Rye is a most desirable grass for pastures, its chief value being as an ingredient for permanent pasture mixtures. It forms a close, heavy sod and recovers quickly after being grazed. The value of this grass on alkali soils cannot be over-emphasized. Perennial rye attains a height of 1½ to 2 feet, the blades are narrow. It is a rapid grower, establishing itself very quickly. The hay should be cut in the full bloom stage. When seeded alone, sow at the rate of 20 to 25 pounds per acre in a well prepared, firm seedbed.

2710 Smooth Brome Grass (*Bromus Inermis*)

Smooth Brome is one of the outstanding grasses for the Intermountain area, being well adapted to arid regions where rainfall is relatively low. It is the most palatable of all the important grasses, even surpassing the well-known Kentucky Blue Grass in this respect. Smooth Brome is a long-lived perennial with numerous creeping root stalks which form a dense heavy sod, making it capable of standing much abuse as a pasture grass. Brome thrives especially well on a rich loamy soil; but in the wild state it grows in dry, gravelly soils, or even in pure sand. Recent experiments have shown it to succeed in alkali soils.

The stems attain a height of from two to three feet. Two cuttings of hay are generally obtained in a season, yields ranging from one to four tons per acre. After the third or fourth year Brome often becomes sod bound. This condition may be overcome by discing or shallow plowing. Brome can be sown either in Spring or Fall, preferably on a well prepared, firm seedbed at the rate of 10 to 20 pounds per acre. Drilling is preferable to broadcasting wherever possible.

ASK FOR P.-W.'s FREE BULLETIN ON FARM AND FORAGE SEEDS—This contains authentic, dependable information on the value and adaptability of the various Farm and Range Clovers and Grasses, together with the planting and cultural directions.

Grass

For Range, Meadow and Pasture

2700 Mountain Brome (*Bromus Marginatus*)

This stout perennial bunch grass is very common between the altitudes of about 5,000 and 10,000 feet. It has a very wide range of soil adaptations, varying from fairly moist loamy soils, where the best growth is made, to fairly dry, gravelly soils. Mountain Brome Grass, when young, is grazed closely by all classes of livestock. Where it can be cut for hay, it makes a very fine feed for horses and cattle.

It is an exceptional grass for the reclamation of land inaccessible to farm machinery, as good stands may be obtained by broadcasting on areas where seedbed preparation is not possible. Sow either Spring or Fall at the rate of 10 to 20 pounds per acre.

2740 Meadow Fescue

An excellent grass for pasturage when planted alone or in combination with other grasses and clovers. It is a tufted, deep rooted, long-lived perennial, growing to a height of 15 to 30 inches. The leaves are bright green and very succulent, supplying palatable forage from early spring until in the late fall. Yields average two tons per acre. Sow in the Spring or Fall at the rate of 20 to 30 pounds per acre.

2735 Alta Fescue (*Festuca E. Arundinacea*)

Alta Fescue is one of the most outstanding grasses of recently developed varieties for pasture and hay purposes. It is much more productive and palatable than Meadow Fescue. Alta Fescue grows late in the summer and fall when other grasses have passed their productive peak. Various trials which have been conducted show it to outyield other varieties from 15 to 50%. The exceptionally dense root system reaching a depth of 5 to 6 feet, makes this variety exceptionally valuable as a soil builder where the humus content is low. High palatability at all pasturable stages, remarkable production, and its ability to crowd out undesirable weed growth make Alta Fescue one of our most valuable forage grasses. Sow in late fall or early spring at the rate of 12 to 15 pounds per acre.

2750 Orchard Grass (*Dactylis glomerata*)

This very early pasture grass, furnishes feed at least three weeks before most other grasses. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

2780 Crested Wheat Grass (*Agropyron cristatum*)

It is wonderful ranch and range grass which grows earlier in the Spring and later in the Fall because of its ability to grow at lower temperatures. As a hay crop, it is very highly nutritious and palatable, stands well under grazing. It has made a most remarkable showing under dry, arid conditions, succeeding where many other varieties fail. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soils. For hay and pasture, sow 10 pounds per acre.

ABOUT PRICES

All field seed prices are quoted on Page 72.

The prices quoted herein are subject to market changes. You are safe, however, in sending remittance according to these prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will notified for your confirmation before shipment is made.

Seed •

Critically Grown Seed of Highest Germination

2850 Tall Meadow Oat Grass

Tall Meadow Oat is a long-lived, deep-rooted and drought-resistant perennial grass. It produces an abundance of very palatable forage. Recent pasture grass experiments conducted by U.S.A.C. at Logan prove this grass to be one of the most desirable from the standpoint of productivity and palatability; comparing very favorably with Smooth Brome. Tall Meadow Oat Grass gives best results for pasture when sown in a mixture with other grasses and clover. It stands grazing well, furnishing an abundance of early spring pasturage and remains productive until late autumn.

2860 Timothy

Of hay grasses, Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

2870 Western Alkali Grass

This grass will produce an excellent crop of hay or furnish an abundance of palatable forage on alkali ground that will produce no other crop. It will withstand an unlimited amount of water in the spring and successfully withstands drought during the summer. Western Alkali Grass is a perennial and does not freeze during the winter, making available forage at all times. Seeding may be done from September until early spring. Most successful stands are obtained by broadcasting upon the snow at the rate of 2 pounds per acre.

2810 Slender Wheat Grass

This is a native North American bunch grass, which has proved very valuable under cultivation. It is a bunch forming variety, being better adapted to range land than meadows; however, recent tests are proving its value as a grass for alkali soils. It is recommended for pastures in canyons or flats, succeeding exceptionally well at high elevations. It grows in dry, arid sections, producing numerous slender, erect stems, two to four feet high, with narrow flat leaves. Sow either Fall or Spring at the rate of 5 to 15 pounds per acre.

2820 Western Wheat Grass

(*Agropyron Smithi*)

This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm solid turf even where moisture is very limited. It produces a uniform turf which makes it most suitable for fairways, roadside planting, and erosion control as well as an excellent range grass where rainfall is light. It supplies a long-felt need for a suitable sod-forming variety that will stand dry situations.

2830 Red Top

A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.



New Sweet Sudan Grass

2934 Sudan Grass (Common)

Drill 15 to 20 lbs. or broadcast 25 lbs. per acre for pasture. It will endure much alkali. Planted in rich soil in June, it will be ready to pasture in 30 days. It will furnish grazing for two cows per acre throughout the summer. As a hay crop, it should be cut when heads appear. It takes several days of ideal weather to cure. A second crop may be cut or pastured if preferred. All kinds of livestock relish Sudan Grass—it has a sweet taste.

2935 New Sweet Sudan Grass

This new variety is a development resulting from several years breeding work by the Texas Agricultural Experiment Station in cooperation with the Bureau of Plant Industry, U. S. Department of Agriculture. It is sweet, juicy and more palatable to livestock. This was demonstrated consistently during the years the breeding and selection were progressing. When planted side by side with Common Sudan, the cattle kept the Sweet Sudan grazed to the ground, while the Common Sudan was grazed down to the height of about one foot. In all cases the Sweet Sudan was eaten first. Sweet Sudan is later in maturity than common Sudan thereby producing more vegetative growth and remaining green and growing longer than the common. After the crop reaches maturity the stalks and stems are still eaten readily. Sweet Sudan has more and broader leaves; heavier and taller stalks and stools much heavier than Common Sudan.



Snapshot taken at our Centerville Trial Grounds showing Meadow Fescue on the left and Reed Canary Grass on the right.

ALL FIELD SEED PRICES

IMPORTANT: All field seed prices are subject to market changes. You are safe, however, in sending remittance based on these prices. In case of decline the difference will be promptly refunded. When an advance has been necessary you will be notified for your confirmation before shipment is made.

For 5 to 9 pounds add 1c per pound to the 10 pound rate.

For 1 to 4 pounds add 3c per pound to the 10 pound rate.

GRASS SEEDS—Pasture & Dryland

See Pages 70 and 71

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2710 Broome Grass	.26½	.25½	\$24.50
2700 Mountain Broome Grass	.26	.25	24.00
2740 Meadow Fescue, Fancy	.26	.25	24.00
2735 Alta Fescue	.57	.56	55.00
2750 Orchard Grass, Fancy	.26	.25	24.00
2840 Reed Canary Grass	.56½	.55½	54.50
2830 Red Top, 92% Pure	.31	.30	29.00
2760 Rye Grass, Perennial, Blue Tag	.24	.23	22.00
2780 Crested Wheat Grass	.52	.51	50.00
2810 Slender Wheat Grass	.25½	.24½	23.50
2820 Western Wheat Grass	.29½	.28½	27.50
2934 Sudan Grass, Fancy	.17	.16	15.00
2935 New Sweet Sudan Grass	.25½	.24½	23.50
2850 Tall Meadow Oat Grass	.78	.77	76.00
2860 Timothy, 99.50% Pure	.14½	.13½	12.50
2870 Western Alkali Grass	.57	.56	55.00

ALFALFA SEED

See Page 69

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2575 Argentine, 99.50% Pure	.29	.28	27.00
2560 Utah Hardy Desert, Extra Fancy	.44	.43	42.00
2563 Utah Hardy Desert, Fancy	.42½	.41½	40.50
2580 Grimm	.58	.57	56.00
2590 Ladak	.71	.70	69.00
2570 Utah Pioneer Blue Tag	.49	.48	46.75

CLOVERS

See Page 68

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2600 Alsike, 98% Pure	.56	.55	54.00
2610 Hubam Clover, Annual	.27	.26	25.00
2620 Ladino Clover	2.92	2.91	290.00
2630 Red Clover, Medium	.72	.71	70.00
2640 Strawberry Clover	1.82	1.81	180.00
Grade	.24	.23	22.00
2660 Sweet White Blossom, Premium			
2666 Sweet Yellow Blossom	.22½	.21½	20.50
2650 White Dutch Clover	.69	.68	67.00

P.-W.'s PASTURE MIXTURES

See Page 69

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per 100 lbs.
2670 (A) For Well Drained Irrigated Land or Damp Fertile Soils	.56	.55	54.00
2676 (B) For Alkaline and Wet Soils	.49½	.48½	47.50

SUPPLEMENT TO SUMMER PASTURE

We suggest planting extra acreage of green fodder corn for a food supplement during hot dry weather when pastures are not producing sufficiently. The larger remaining part of the crop matured and prepared as ensilage of course has the greater amount of actual food value for winter feeding.

For Larger and Better Yields
Plant the record making new
"PORT-WALCO No. 100"
and
"PORT-WALCO No. 120"
(see page 66)

GRAINS (SEED STOCK)

See Page 67

	Bag Lots per 100 lbs.	Ton Lots per 100 lbs.
2522 Barley, Trebi, Certified	6.35	6.25
2524 Barley, Velvon, Certified	6.35	6.25
2530 Oats, Swedish Select, Certified	6.65	6.55
2534 Oats, Bannock Certified	6.65	6.55
2550 Wheat, Dicklow, Certified	6.95	6.85
2552 Wheat, Federation, Certified	6.95	6.85
2554 Wheat, Lemhi, Certified	6.95	6.85

FIELD CORN HYBRIDS

See Page 66

	1-9 bushel per bushel	10 Bu. Up per bushel
2505 Port-Walco No. 90	} 12.25	12.00
2502 Port-Walco No. 100		
2507 Port-Walco No. 120		
2508 Minihybrid No. 301		

FIELD CORN (Open Pollinated)

See Page 66

	10-24 lbs. per lb.	25-99 lbs. per lb.	1-9 bags per cwt.	10 bags per cwt.
2510 Australian White				
Flint	.12½	.11½	10.50	10.35
2512 Minnesota 13	.11	.10	8.75	8.60
2520 Improved Leaming	.11	.10	8.75	8.60

OTHER FARM SEED

See Pages 67 and 68

	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag Lots per cwt.
2880 Canadian Field Peas, Extra			
Fancy	.14	.13	12.25
2890 Millet, Early Fortune	.12½	.11½	10.50
2892 Millet, German or Large Yellow	.17	.16	15.00
2894 Millet, Yellow Hog	.12	.11	9.75
2920 Milo Maize, 60 Day	.12½	.11½	20.50
2900 Rape, Dwarf Essex	.24	.23	22.00
2928 Sorghum, Amber Cane	.17	.16	14.75
2924 Sorghum, Atlas	.12½	.11½	10.50
2911 Soy Beans, Chief	.16½	.15½	14.50
2930 Sunflower, Grey Stripe	.26½	.25½	24.50
2940 Vetch, Common or Spring	.17	.16	15.00
1180 Kochia			\$1.15 per lb.

* Write—Unstable market conditions on the field seed items marked * make it impossible for us to quote definite prices at this time. All orders for these varieties will be calculated at prevailing market prices the date the order is received.

3575 NEW IMPROVED CERESAN



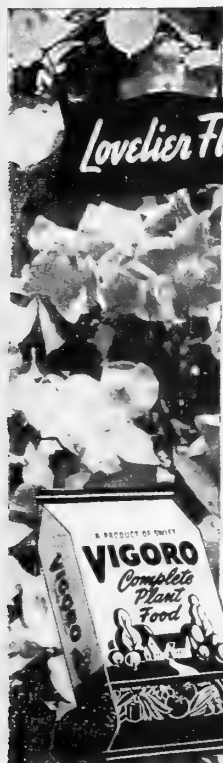
This economical ethyl mercury phosphate dry disinfectant usually controls certain smuts and other diseases carried on seed barley, oats, rye, wheat, sorghums, millets, flax, peas.

4 oz. can	\$.35
1 lb. can	.90
4 lb. can	3.00
40 lb. pail	26.40

½ ounce treats a bushel

FERTILIZER

PLANT FOODS—SOIL REBUILDERS—MULCHES



IF YOU WANT

Lovelier Flowers—Bigger Blooms

See that they get the nourishment they require from the soil for best growth and maximum beauty. The way to be sure is to feed everything you grow with Vigoro, complete plant food.

You'll prefer using Vigoro because it's clean, odorless, sanitary, and so reliable. Economical, too, you only need 4 pounds per 100 sq. ft. Include Vigoro on your seed order.

A PRODUCT OF SWIFT

Cat. No. 4008

10 lbs.	\$.85
25 lbs.	1.60
50 lbs.	2.60
100 lbs.	4.50

4001 AMMONIUM SULPHATE

A quick acting, easily soluble fertilizer containing 20% nitrogen. It stimulates top growth and manufactures plant cells. Besides being the main fertilizer for celery, it is used extensively on sugar beets and other vegetables, also for berries and trees. On mature peaches, apricot, pear, and plum trees apply 3 to 4 pounds per tree. On Apple and Cherry apply 5 to 6 pounds per tree. Proportionately smaller applications should be made on trees that are not mature. 100 lb. bags, \$3.00 each; 10 lbs., 50c; 25 lbs., \$1.00.

4005 BONE MEAL

Bone Meal, one of the favorite fertilizers for Fall garden feeding is again available. The plant nourishing elements (Nitrogen and Phosphorous) are liberated slowly making food available for a long period of time.

10 lb., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.25.

4035 GREENLEAF

The effective control for "Plant Yellows" or Chlorosis which is caused by certain chemical deficiencies in the soil.

GREENLEAF

Revives unhealthy plants. Loosens the soil. Restores natural leaf-color. Improves fertility.

Also valuable for the reclamation of alkaline soils.

GREENLEAF WORKS AT THE ROOT OF THE TROUBLE

When treating roses and shrubs and Evergreens apply from 1/4 to 1/2 lb. per plant. For trees use 1 lb. per inch of diameter through the trunk.

10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

Full directions included with each order.



IRON SULPHATE

Iron Sulphate is a good corrector for alkaline soils.

4045 Crystals for plants, shrubs, trees.

4047 Snow Form for lawns.

10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

4075 NEW ORTHO COMPOST MAKER

Now, You can make rich natural fertilizer from grass clippings, leaves, weeds, kitchen waste, straw, etc. Compost is just the kind of fertilizer needed by most soils because it is based on humus. Ortho Compost Maker adds plant food elements to the natural material you already have and makes it ready to use in one-fourth the normal time.

5 lb. Bag (Enough for 300 lbs. of Compost) 85c.

PEAT MOSS

4085 Peat Moss is one of the most efficient means of adding humus to the soil. It creates a loamy condition which aids the penetration of air and water.



NEW CONVENIENT SIZES

COMET PEAT MOSS

	Approximate Shipping Weight	Price
Large Bale—8 cu. ft.	100 lbs.	\$4.50
Small Bale—5 cu. ft.	60 lbs.	3.25
*Large Bag—2 1/4 cu. ft.	18 lbs.	1.40
*Small Bag—3/4 cu. ft.	6 lbs.	.70
*Accepted in mails—		

TERRA-LITE

(100% Vermiculite)

SOIL CONDITIONER—Loosens soil—Permits Aeration, Retains moisture—prevents soil baking.

MULCH—Winter or Summer—insulates against heat or cold. Reduces need for watering and cultivation.

GROWING MEDIUM—Starts seedlings and cuttings quicker and better. Makes fibrous roots.

BULB STORAGE—Holds uniform humidity and temperature. Bury bulbs, tubers or vegetables roots in Terra-Lite.

4095 TERRA-LITE MULCH & GROWING MEDIUM

Size	Shipping Weight	Price
2 Bushel Bag	18 lbs.	\$1.25
2 Peck Bag	4 lbs.	.65
1/2 Peck Bag	1 lb.	.24

Garden and Home Insecticides

DDT waits for insects—Kills 'em when they come

3275 PEST-B-GON DDT SPRAY

Contains 20% DDT, the new insecticide that played such an important role in World War II. Use in the garden and also around barns, poultry houses, dog kennels, outbuildings, basements, against many beetles, worms, thrips, leaf hoppers, weevils—Ants, fleas, mosquitoes and certain other insect pests. A "MUST" for the modern home.



Use as directed.

4 oz. bottle, 65c; 1 pint, \$2.00.

3293 PEST-B-GON DUST

An outstanding garden dust containing 10% DDT. A most popular insect control for the home gardener.

10 oz. Duster 69c; 2 lb. package, \$1.00

3283 KNOX-OUT INSECT SPRAY

A double action space and residual spray for the household use containing 5% DDT, plus several knockdown insecticides. Kills many insects on contact and leaves a residue that will kill flies, mosquitoes, roaches, ants, moths and many other household insect pests for periods of from a few weeks up to three months.

1 pint, 35c; 1 quart, 65c;
1 gallon, \$2.35.

3285 KNOX-OUT GARDEN DUST

A Dust containing 5% DDT for the control of many of the insects infesting home gardens. Effective in the control of corn earworms, potato beetle, cabbage worm, thrips, and other common garden pests.

1 lb. pkgs., 30c; 3 lb. pkg. 70c.

3290 DURA DUST NO. 50

(50% Wettable DDT)

The all around DDT product for farm and garden. Use on livestock, barns, stables, and crops. Frees your cattle from stable flies and lice; your buildings from mosquitoes, flies, bedbugs, spiders, etc., and protects your garden and crops from numerous insects.

1 lb. carton 90c

4 lb. bag \$2.25

40 lb. bag \$21.50



3250 EXTRAX INSECT SPRAY

Kills by contact. Used against many sucking and chewing insects such as Aphis, Beetles, Caterpillars, Thrips, on Vegetables and Ornamentals. Economical . . . General dosage is one teaspoonful to a gallon of water.



4 oz. bottle, \$1.00;

1 pint, \$2.85; 1/2 gal. \$9.25

3255 ROTENONE GARDEN SPRAY (NNOR)

A liquid rotenone concentrate. It penetrates the waxy or hairy covering on the insect's body, bringing the tremendous power of Rotenone Garden Spray into action. Kills most common garden bugs of both chewing and sucking types. 1 oz. (makes up to 6 gals. of spray), 35c; 6 oz., \$1.00; 16 oz., \$2.15; 1 gal., \$13.50.



FUNGICIDES

3435 GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew. Contains spreading and wetting agents and mixes with EXTRAX Insect Spray for making a combination treatment against insects and diseases.

1 oz. 35c; 4-oz. bottle, 60c; 1 pint, \$1.50;
1/2 gal., \$5.00.

OIL SPRAYS

3440 VOLK Oil Spray. Envelops, wets and smothers many sucking insects, such as certain Scale Insects, White Fly, Mealybug, and Red Spider. Also a spray carrier for other sprays.

4 oz. bottle, 35c;

1 pint bottle, 70c;

1/2 gal. can, \$1.45;

1 gal. can, \$2.85.



3400 LEAD ARSENATE

A stomach poison for use as a spray or dust to control chewing insects such as certain Beetles, Caterpillars, (as Oak Moth), Worms on Apples, Pears and other plants and Sod Webworm in lawns.

1 lb., 50c; 4 lbs., \$1.30.

EARWIGS

3390 ORTHO Earwig Bait. Prepared on a government formula. Earwigs can become a menace to health through food contamination and should be controlled at first sign of an infestation. First brood usually appears in May or June. 2 1/2 lbs., 90c.



MULTI-PURPOSE DUST

3303 Botano Garden Dust. For use against many insects and diseases. Preferred by many, particularly for vegetables. One of the safest multi-purpose dusts that can be used. 10-oz. size is Dual Purpose package which also serves as handy garden duster. (Contains ROTENONE.) 10-oz. Duster 59c.



3317 ORTHO ROSE DUST

Although this complete modern pesticide is designed especially to combat the insects and diseases which attack rose plants it offers an excellent control for most chewing and sucking insects and plant diseases in the general flower garden.

8 oz. Duster pkg., \$1.00.



3428 Garden Sulphur. Finely powdered . . . Used either as a dust or spray to control Powdery Mildew, Scab and certain other diseases. 26 oz., 35c; 4 lb., 60c.

3385 APPO CUTWORM BAIT

A poisoned apple bait containing a high percentage of apple pomace. Especially effective in controlling cutworms and strawberry root weevil, also useful against snails, slugs, and earwigs.

Easy to apply, long lasting effect.

1 lb., 45c.



ANT CONTROL



Four to 8 Dispensers are enough for average home. Easy to refill. Ants feed from "WICK" . . . Can't get inside. For Argentine and Sweets eating ants.

3325 ANT-B-GON SETS

Set of four 1-oz. Dispensers 70c

3326 ANT-B-GON LIQUID

4-oz. bottle 25c. 1 pint 60c

1/2 gal., \$1.50.

For SPECIAL PESTS

Now—Enjoy Camping Picnics and Garden Parties... Without Mosquitoes

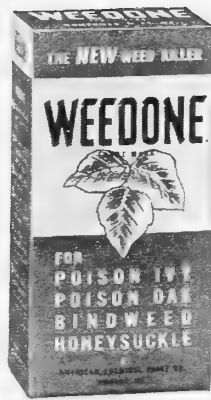
The new "BLACK LEAF" MOSQUITO FUMER kills adult Mosquitoes and larvae quickly, efficiently and economically. Just as easy as pointing a hose. One can is enough for the average city lot (about 3 cans per acre.)
3273 BLACKLEAF MOSQUITO FUMER (wt. 1/2 lb.) 45c Each.

KILL SQUASH BUGS

SURELY! — EASILY!

Sabadilla dust, a recently discovered insecticide, is the only sure control for squash bugs which does not retard the growth of the plants. It kills the adult bugs as well as the young, thus offering immediate protection.

3313 SABADILLA DUST 1 lb., 55c
3 lbs., \$1.35; 50 lbs., \$12.50.



3485

WEEDONE

TRADE MARK

The famous internal Weed Killer

The original WEEDONE contains more wetting agents and penetrants per unit of 2,4-D than is possible with a concentrate. It is still the best weed killer for the small farm or garden.

Sizes

	Price
6 oz. bottle, makes 5 gallons spray	75c each
1 Quart Bottle, makes 25 gal. spray	\$2.50 each
1 Gallon Bottle, makes 100 gallons spray	\$7.50 each
5 Gallon Can, makes 500 gallons spray	\$5.00 per gal.
54 Gallon Drum	\$4.75 per gal.

NEW 2.4 D CONCENTRATES FOR COMMERCIAL SPRAYING

3484 WEEDAR—64

A Concentrate of the alkanolamine salt of 2,4-D which is soluble in water. Recommended for liquid spraying in cereal crops and for easy to kill pasture weeds.

	Size	Price Per Gal.
	1 gal.	9.25
	5 gal.	9.00
	54 gal.	8.57

3487 WEEDONE CONCENTRATE—48

Experiments show this powerful ethyl ester to be more effective at lower concentrations than other forms of 2,4-D. Soluble in water or miscible oil, gets the hard-to-kill weeds.

	1 gal.	10.90
	5 gal.	10.70
	45 gal.	10.30

3490 WEEDUST 5% — Effective wherever wind conditions permit control of drift.

	Bag or drum ..	Price per lb.
	50 lbs.	.15

3225

Lawn PEST-GO

ENDS THE FIGHT AGAINST CRAB GRASS—WHITE GRUBS AND NIGHT CRAWLERS

The effects of Lawn PEST-GO last from 2 to 5 years. A 100 pound bag treats 1500 sq. ft. for crab grass or 2500 sq. ft. for worms and grubs only.

For complete crab grass eradication apply Lawn PEST-GO in late fall or early spring. (November 1st to April 15.)

Catalog No. 3225

25 lb. bag, \$2.50; 100 lb. bag, \$7.95.

SPRAYING EQUIPMENT & BURNER



	Capacity	Shipping Weight	Price
4560 Hudson Leader	3 1/2 gal.	9 lbs.	\$ 9.80
4563 Hudson Climax	3 1/2 gal.	10 lbs.	10.90
4569 Hudson Perfection	4 gal.	13 1/2 lbs.	13.50
4570 " Perfect'n Brass	4 gal.	13 1/2 lbs.	19.20
4598 " Flame Sprayer	3 1/2 gal.	22 lbs.	24.95

Kerosene

Garden Duster

Chamber

4647 Hudson Admiral 2 3/4 x 4 1/2" 2 lbs. 1.80

Armstrong Spray Outfit

Pump made entirely of brass. Nothing to get out of order.

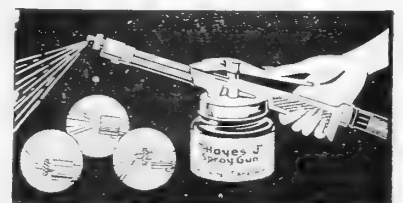
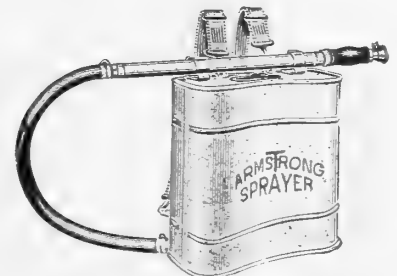
4550 Pump and Nozzle Only, weight 4 lbs., each, \$6.25.

4552 Knapsack only, weight 10 lbs. each, \$7.30

4555 Armstrong Spray Outfit Complete, weight 13 1/2 lbs. each, \$13.50.

4610 Hayes Jr. Mixes three gallons of spray at a time. Operates on hose with water pressure from 30 to 175 pounds.

Each \$6.95.



GROW EARLIER CROPS



4520 GERMACO HOTCAPS

Strong individual hothouses protect early set plants from frosts, storms and insects. 12 inches in diameter and 6 inches high.

	Shpg. Wt.	Price
Pkg. of 25 with paper setter	2 lbs.	\$.70
Pkg. of 100 with Fibreboard setter ..	5 lbs.	2.75
Pkg. of 250 with Fibreboard setter ..	9 lbs.	4.65
Carton of 1,000	28 lbs.	13.50
4524 Fibreboard setter .....		.20
4525 Metal Setter	2 lbs.	1.95

4530 GERMACO HOTTENTS

Large air capacity. 13 x 16 inches at the base.
Price, 500 (1 case), \$12.50; 1,000 (2 cases), \$24.00; f.o.b Salt Lake City, Shipping weight 35 lbs. per case.
4533 Metal Hot Tent Setter\$2.35

4540 PAXCO HOT HOUSES The Popular "Tomato Cap"

Cone shaped, 12 inches in diameter at the base, 14 inches high. Shipping weight 35 lbs. per 1000.

Pkg. of 25	\$.85
Price Per 1000	\$16.00
4543 Metal Hot House Setter	\$2.50 ea.



SHATTER PROOF
WEATHER PROOF

NEW TYPES—FOR EXTRA STRENGTH

Admit over 60% of Ultra Violet rays

4508 New—Wire mesh core. A superior window material having added strength and durability. Strong 1/8" mesh aluminum wire reinforcing core (larger than others on the market) permits maximum light and ultra violet ray transmission.

	Shpg. Wt.	Price
50 Ft. Roll 36" Width 10 lbs.....		\$18.00
150 Ft. Roll 36" Width 22 lbs.....		54.00
Part rolls, per lineal foot .....		.39

4512 New Plastic mesh core gives a better bond between the mesh and the two cellulose sheets, with resulting greater strength and clearer visibility.

50 Ft. Roll 36" Width 8 lbs.....	\$13.50
150 Ft. Roll 36" Width 16 lbs.....	40.50
Part roll, per lineal foot .....	.29

4510 Cotton Mesh Core—The original Vita Pane.

50 Ft. Roll 36" Width 6 lbs.....	\$10.25
150 Ft. Roll 36" Width 15 lbs.....	30.85
Part rolls, per lineal foot .....	.22

WOOD POT LABELS

PLAIN	Price per 100	Price per 1000
4870 4 inch	\$.40	\$3.00
4870 5 inch .....	.40	3.25
4870 6 inch .....	.45	3.75
4870 8 inch .....	.65	5.00
4870 10 inch .....	.95	8.00

PAINTED		
4873 4 inch .....	.45	3.75
4873 5 inch .....	.50	4.00
4873 6 inch .....	.55	4.50
4873 8 inch .....	.80	7.00
4873 10 inch	1.10	9.50

TREE LABELS 3 1/2" Wired		
4860 Plain	\$.45	\$3.50
4863 Painted .....	.50	4.25



DURABLE
WASHABLE
LEATHER

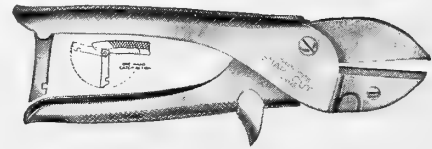
4895 Ladies': Small, Medium	\$1.25 pr.
4897 Mens': Small, Medium	1.35 pr.

UTILITY GLOVES

Wet Proof
Dirt Proof
Snag Proof

Edmont work gloves combine the sturdy comfort of a fabric glove with the protection of a tough synthetic rubber coating. Resistant to abrasion and oil or grease. Thousands of pairs are in daily use in factory, farm, and home.

4891 Smooth finish	\$.79
4893 Rough finish .....	.79
Shipping wt. 1/4 lb. per pair.	



4715 SNAP CUT PRUNER

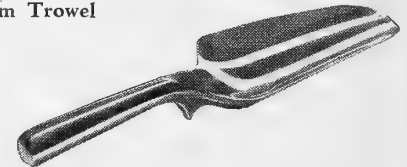
This nationally famous pruner with its "V" shaped blade will cut the hardest wood with a minimum of effort. Light weight, handy size—yet highly efficient and unbreakable.

Each, \$2.50. Shipping weight 1 lb.

Featherlite Aluminum Trowel

Fine workmanship.
Strong aluminum alloy—

A comfortable-to-use trowel, guaranteed for life.



	Shpg. Wt.	Price
4778 Featherlite Trowel	3/4 lb.	\$.60

ROLLED STEEL GARDEN TOOLS

Green painted steel with hardwood handles.

	Shpg. Wt.	Price
4793 Transplanter	3/4 lb.	\$.25
4795 Cultivator	3/4 lb.	.25
4797 Fork	3/4 lb.	.25
4799 Trowel	3/4 lb.	.25

CULTURAL INFORMATION and use of FLOWERS-VINES-SHRUBS-TREES

This is the key to the small and capital letters immediately following the family or variety names. These quick reference tables contain the additional information which you may need for intelligent selection and placement of the splendid assortment of planting materials offered in this catalog.

Classification and Hardiness

(Based on climatic conditions in the Salt Lake Valley and similar areas).

- a—Plants that produce their flowers from seed the first year but do not survive the winter.
- b—Plants that rarely produce flowers from seed until the second year and then die.
- c—Plants that rarely flower from seed until the second year, but flower in season thereafter.
- d—Bulbous herbaceous or tuberous rooted plants that are winter hardy without protection.
- e—Bulbous, herbaceous or tuberous rooted plants that need winter protection.
- f—Bulbous or tuberous rooted plants that must be lifted and given frost-proof storage during winter.
- g—Vines, shrubs, or trees that are hardy everywhere. (Including higher altitudes.)
- h—Vines, shrubs, or trees that are hardy in the Salt Lake Valley but need winter protection in higher altitudes and colder sections.
- i—Vines, shrubs or trees that need slight winter protection or sheltered situation in Salt Lake Valley and not recommended for colder areas.

Location (Conditions Most Favorable)

- j—Very adaptable—does well in full sun to part shade and any good average soil condition.
- k—Likes full sun.
- l—Will tolerate full shade.
- m—Does well in dry situations.
- n—Does well in wet situations.
- o—Prefers a cool, moist situation.

General Utility or useful for:

- p—Hedges.
- q—Ground cover or carpeting plants
- r—Cut flowers.
- s—Bedding and massing.
- t—Backgrounds or screening.
- u—Dwarf border, edgings, rock gardens.

Special Utility—useful for:

- v—Refined lawn groups.
- w—Window, porch box, or urns.
- x—Banks and steep slopes.
- y—Parking or shade.
- z—House plant.

Time and Duration of Bloom

- A—Late winter and early spring.
- B—Late spring and early summer.
- C—Late summer and early fall.
- D—Fall until winter.
- E—Winter fruit or berries.
- F—Continuous bloom throughout season.

Seed Planting Information

- How Deep**—The proper depth is very important. As a general rule, large seeds should be covered 4 to 5 times their diameter, medium and small seeds accordingly. Very fine seeds should be merely pressed into the soil, firming the soil well over them. Soil should always be kept well pulverized to receive the seed and kept thoroughly moist after seed has been planted.
- G**—Sow seed where plants are to grow in early spring or late fall just before the ground freezes.
- H**—Sow seed where plants are to grow in middle or late spring; past frost danger when plants appear above ground.
- I**—Sow seed for succession during spring and early summer.
- J**—Sow seed in early spring, mid-summer, or fall in well-prepared bed and transplant seedlings where they are to grow.
- K**—Sow inside in flats, pots, or boxes, in late winter or early spring, transplant to garden when frost danger is over.
- L**—Sow in hotbed or cold frame in early spring.
- M**—Seed needs chilling before proper germination can be secured. Sow, therefore, in late fall in beds or open ground.

Soil Requirements and Preferences

- N**—Of easiest culture for the beginner and does well in the average garden soil.
- O**—Tolerant of alkaline soils.
- P**—Prefers neutral or slightly alkaline soil.
- Q**—Prefers acid reacting soil.
- R**—Does well in poor soil.
- S**—Thrives best in well-enriched soil.
- T**—Likes heavy, clay soil.
- U**—Likes light, well-drained soil.

Pruning Requirements

- V**—Prune heavily when planted.
- W**—Require little pruning or thinning after planting.
- X**—Require heavy pruning in late winter or early spring only.
- Y**—Annually immediately after flowering.
- Z**—Shear in spring before new growth starts or in late summer just before the season growth stops.

GENERAL INDEX

<p style="text-align: right; margin-right: 10px;">Page</p> <p>Annual Flower Seeds Varieties adapted to intermountain soils and climate arranged in alphabetical order 20-28</p> <p>Bulbs and Tubers Dahlias 37 Gladiolus 38, 39 Miscellaneous 36</p> <p>Evergreens Listed alphabetically in their respective families on pages 48-51</p> <p>Field Seeds Corn 66 Clovers 68</p>	<p>Mixtures 69 Miscel. Grains 67 Grass 70, 71 Prices 72</p> <p>Fruits, Small 65</p> <p>Fruit Trees Listed alphabetically under each family head on pages 60-64</p> <p>Nut Trees 59</p>	<p>Garden Supplies Fertilizers 73 Pesticides 74 Miscellaneous 75, 76 Gift Certificate 35</p> <p>Lawn Grass 78 Landscape 47</p> <p>Perennial Flower Seeds and Plants Listed in alphabetical order on pages 29-35</p> <p>Roses Arranged in groups according to type and color 40-46</p>	<p>Shade Trees Listed in A to Z order on pages 57-59</p> <p>SHRUBS A wide variety of popular kinds arranged alphabetically on pages 52-56</p> <p>Vegetable Seeds and Plants See pages 5 to 19</p> <p>Vines Woody 56 Bulbous Vines 36</p>
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LAWN GRASS SEEDS

CLEAN—DEPENDABLE—VIGOROUS

Ask for free leaflet—

"How to Build and Maintain A Beautiful Lawn."

LAWN MIXTURES

P.-W.'s "Green Lawn" Mixtures

We are especially proud of these lawn mixtures. They are composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for residence lawns.

2970 **VELVET GREEN**—This lawn mixture is a "Must" for all home grounds in the intermountain area. It is a mixture of hardy grasses which produces a compact, smooth lawn, velvet green in color. Containing 10% Clover, it is the right mixture to provide your home with the setting it deserves.

2974 **EVERGREEN**—An exceptionally hardy grass mixture containing Kentucky Blue Grass, Red Top, and White Dutch Clover. This blend is adapted to sunny or partially shaded areas, it will withstand rough usage and is more drought resistant than straight Blue Grass.

2980 SHADY NOOK MIXTURE

A proven formula which includes varieties which are shade tolerant, together with varieties that do well in full sunlight. The mixture may be used with confidence on both sun and shaded areas, to produce turf of high quality, uniform, springy, and medium green in color.

2984 SPECIAL BENT MIXTURE

With this mixture you can have a putting green on your own lawn, equal to the best golf greens and there will be no trouble from dandelions and other weeds.

2988 Athletic Field Mixture

This blend of grasses consisting of Kentucky Blue Grass, Meadow Fescue, and Perennial Rye Grass is especially adapted for athletic fields, playgrounds and park areas. It is very hardy and will withstand trampling and considerable hard usage. Of nice appearance, it does not tend to become coarse and unsightly. The mixture is adapted for planting in Alkali soil, and also where ample water supply is not too certain.

LAWN GRASSES

Kentucky Blue Grass

(*Poa pratensis*)

A deep green grass that does well on most types of soil. It continues to grow at low temperatures which keeps your lawn green in spring and autumn. Kentucky Blue is the "backbone" of fine lawn mixtures. It is aggressive and spreads rapidly, making a sod of fine texture. 2964 FANCY grade, triple cleaned.

Astoria Bent Grass

2950 (Blue Tag Certified Grade)

Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod.

2960 Creeping Red Fescue

Like Chewings Fescue, it is exceptional on sandy or gravelly soils and unexcelled in shade. The turfs of the finer strains of Red Fescue are probably the most beautiful of all lawn grasses.

LAWN CLOVER

2990 White Dutch Clover

It is the best clover to include in grass mixtures. Advantages are that it grows quickly, remains green all season, and is helpful to grasses growing with it. Gardeners who prefer heavy clover growth should include 2 oz. to each pound of grass.

LAWN SEED PRICES

Quantity prices apply only when the quantity is of a single variety.

KIND	QUANTITY	2 to 4 5 to 9 10 to 24 25 to 99 100					
		1 lb.	lbs.	lbs.	lbs.	Up	
2970 Velvet Green Mix.		\$.80	0.77	\$.73	\$.69	\$.65	\$.62
2974 Evergreen Mix.		.70	.67	.63	.59	.55	.52
2980 Shady Nook Mix.		.95	.90	.85	.80	.75	.71
2984 Special Bent Mix.		1.20	1.14	1.08	1.02	.95	.90
2988 Athletic Field Mix		.53	.49	.46	.43	.41	.38
2966 Kentucky Blue		.75	.71	.67	.63	.59	.56
2950 Astoria Bent		1.70	1.63	1.55	1.44	1.35	1.30
2960 Creeping Red Fescue		.85	.81	.77	.72	.68	.64
2990 White Dutch Clover		1.00	.95	.90	.84	.79	.75

FERTILIZER AND LAWN SEED SPREADERS

LAWNETTE Applies Lawn Pest-Go, Lawn Seed, or Vigoro

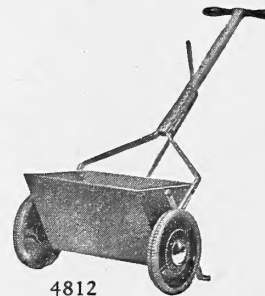
This spreader with its patented agitator and a small dial adjustment that instantly regulates rate of flow, insures you of proper quantity as well as more uniform plant coverage. Result—Savings in time and materials. No burning, No bare spots, a better lawn and yard all season long.

Four models—A size for every lawn, estate, park or golf course.

LAWNETTE SPREADERS

	Spread	Capacity	Shipping Weight	Price
4811	14"	15 lbs.	11 lbs.	\$5.50
4812	16"	30 lbs.	23 lbs.	9.80
4813	24"	75 lbs.	50 lbs.	20.75
4814	36"	115 lbs.	65 lbs.	27.50

A Real Time-Saving Investment



4812

Metal Hopper
Rigid Construction

"MAKES
LAWN CARE
A
PLEASURE"

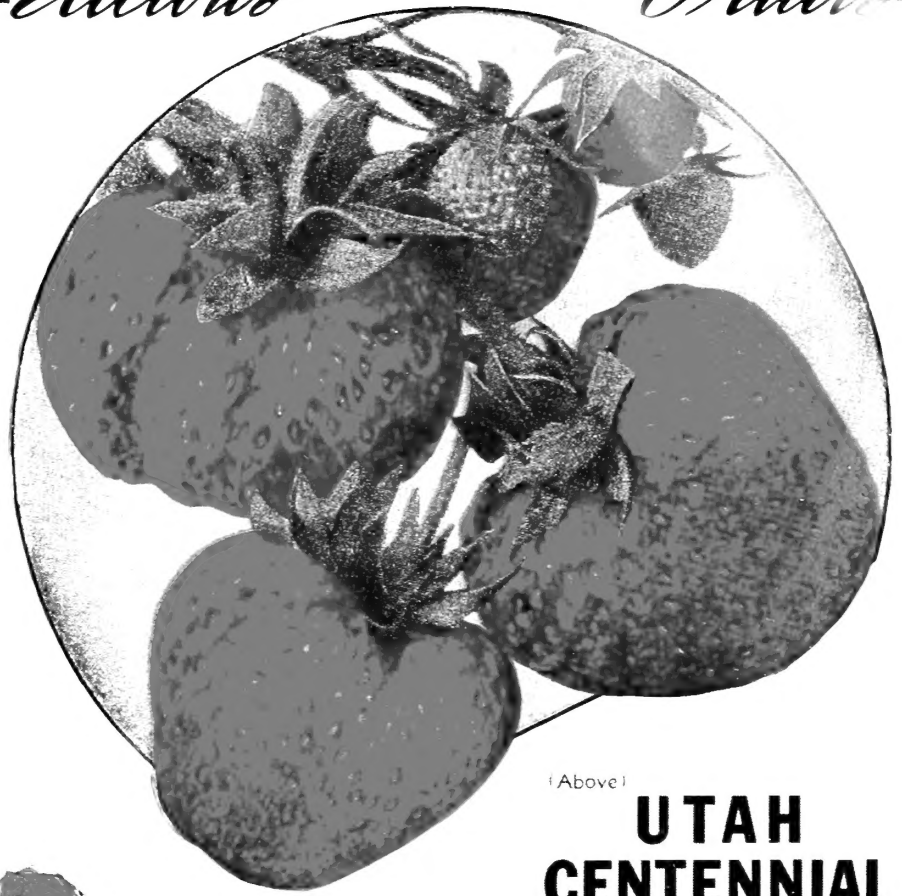
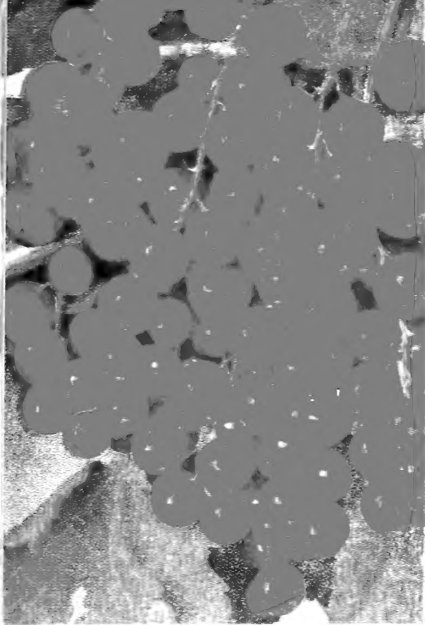
4809 E-Z SPREADER

Economical — Efficient

Made of tough cardboard with metal wheel rims. ea. \$1.25

Delicious

Fruits



9920

**Red Currant
PERFECTION**

See page 65

(Above)

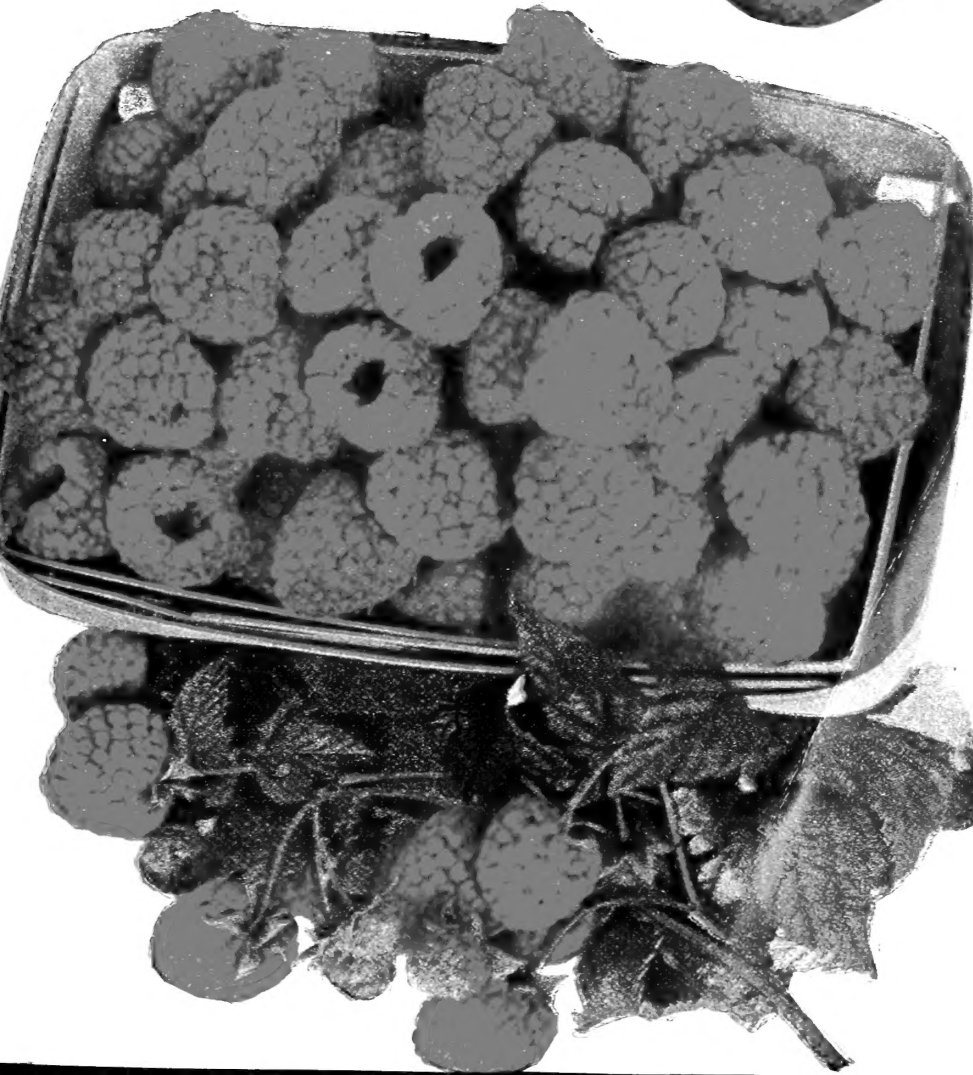
**UTAH
CENTENNIAL**

**"The New Everbearing Strawberry
of the Century"**

Cat. No. 9997

UTAH CENTENNIAL marks an important milestone in Strawberry history. Its remarkable size, sparkling color, amazing productivity and an irresistible flavor that combines piquancy with sweetness insure its place at the top of the Strawberry World.

25 plants, \$2.50; 100 for \$7.50



SPECIAL!

Group Offer No. 9925

2 Currants, Perfection
50 Strawberry, Utah Centennial
10 Raspberry, Indian Summer

All for **\$6.25**
only.....

Shipping Weight 10 lbs.

Everblooming Raspberry

9976

INDIAN SUMMER

Bearing two, big fresh fruit crops each year, Indian Summer is the ideal Raspberry for the home garden as well as a money maker for the commercial grower. It is a vigorous grower, disease resistant and hardy—even in Canada. The large, medium to dark red fruits are mild, juicy and tender.

10 plants, \$2.30; 25 plants \$4.50;
100 for \$15.00

Weigela
BRISTOL RUBY



New Weigela

BRISTOL RUBY

Cat. No. 9396

The originator of Bristol Ruby may take well deserved pride in this remarkable new shrub. As he says, "Bristol Ruby is the fulfillment of a long-time need for a better Eva Rathke". Bristol Ruby is hardier and more vigorous; it makes a shapely, thrifty, plant with attractive rich green foliage. The flowers are soft ruby-red shading to garnet crimson; a very pleasing shade. Unusual hardiness makes Bristol Ruby one of the most dependable flowering shrubs. Its rich-toned flowers appear every summer and it often continues to bloom on into Fall.

Price: 2-3' shrubs, each \$1.50; 3 for \$4.00

PORTER - WALTON CO.
P. O. BOX 1619, SALT LAKE CITY 11, UTAH