

62.23

BOOK FOR FLORISTS

Autumn
1944

LIBRARY
RECEIVED
★ SEP 15 1944 ★
U. S. Department of Agriculture



FIELD OF VAUGHAN'S KING ALFRED DAFFODILS, IN OREGON.

Vaughan's Seed Store

CHICAGO

NEW YORK

A Beautiful, Practical, Paper White Display



Paper White Display Box, 10x20 inches, Holding 100 Illustrated Bags

Vaughan's Paper White Display Box as Illustrated,
together with

100 Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$12.50
100 Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	15.00
100 Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	17.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in an illustrated bag which prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$24 to \$35 sales at 100% profit. Why let chain stores get sales which should be yours?

YAMTOX

A new insecticide that promises to replace Rotenone in the control of some insects. Yamtox is a concentration of the active principles of the Yam Bean (*Pachyrhizus erosus*). The Yam Bean affects many insects in much the same manner as Rotenone and seems to be the nearest approach to it. It has been used for centuries in the control of pests on vegetables in some parts of China. In Yamtox the toxic effects of the bean are extracted to make them as available as possible. They are further strengthened by chemicals of proven toxicity. Especially recommended for the control of Plant Lice, Red Spider, Thrip, Cyclamen Mite, Cabbage Worms, and most other insects that are controlled by Rotenone. It is very mild upon Plant Growth and safe to use even on most tender plants. Price per gallon, \$12.00; case of 6/1 gallon cans, \$11.00 per gallon; 30 gal. drum, \$270.00.

STIMROOT

An improved rooting compound which has been developed after extensive testing by a well known research organization. It contains several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that helps retard the development of many kinds of fungi that contribute to the rot of cuttings while in the cutting bench. It is so formulated that a small amount of dust will effect a complete and even coating on each cutting. In this way a pound of dust will go further. Price, 1/4 oz. packet retails at 25c, per dozen \$1.80; 2 oz. retails at \$1.00, per dozen \$7.20; 1 lb. retails at \$5.00; each \$3.25; six for \$18.00.

D. N. DUST No. 12

To control Red Spider Mite and Thrips on Roses, Calla Lilies, Snapdragons, Gardenias and Carnations. Control should be obtained before blooming period if an application is necessary during bloom-time all marketable blossoms should be cut before dust is applied.

Packed in 10-lb. bags each, \$4.50; per case of 5 10-lb. bags, \$20.00.

D. N. SULPHUR DUST No. 10

FOR CARNATIONS

Effectively controls Red Spider Mite, Thrips and Rust. One pound of dust will cover from 400 to 800 square feet of bench space, depending on size of plants effective both in field and greenhouse non-injurious to plant foliage like D. N. No. 12 should be applied before blooming period, effective under varied conditions of temperature and humidity put up in 10-lb. pkgs. each, \$3.50; per case of 5 10-lb. pkgs., \$16.25.

TARTAR EMETIC

A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 90c; 5 lbs., \$4.25; 25 lbs., \$18.75; 100 lbs., \$70.00.



VIEW OF VAUGHAN TULIP FIELDS AT PARK ROSE, ORE., WHERE SUCCESSFUL EXPERIMENTS BEFORE THE WAR ESTABLISHED AMERICAN TULIP PRODUCTION ON A COMMERCIAL SCALE.

We are Oversold on Tulips, Daffodils and Lilies

As this catalogue goes to press we hold more orders for tulips, daffodils and lilies than we have the bulbs in sight to fill, except for the two varieties of tulips and the mixed daffodils listed below.

This is true in spite of the fact that we are delivering to our customers more bulbs than any other dealer in our field, and a majority of those delivered are of our own production, resulting from experimental plantings developed at heavy expense prior to the war.

The extensive pioneering work in hardy bulbs carried on for many years under the direction of the late Leonard H. Vaughan was responsible for a large proportion of the bulbs available to the florist trade as a whole in this emergency. Yet the demand far outstrips the supply.

Everyone knows the facts about lilies, of which America grows but a fraction of the number formerly imported from Japan. Because British tulips may now be planted at home, imports from that country this fall will be heavily reduced from last year's figure. We estimate the total supply of tulips at less than five percent of the number imported from Holland before the war.

Lack of lilies and tulips has expanded demand for daffodil bulbs three times. Labor shortage has prevented an increase in production, and drought in the Pacific Northwest reduced this year's harvest seriously.

Should the bulb supply be increased by timely victories in Europe, we will advise our customers without delay by trade paper ads and circulars.

TULIPS

	Per 1000			Per 1000		
	1st size	2nd size		First size	2nd size	
Clara Butt.....	\$75.00	\$52.50	Inglescombe Yellow.....	\$97.00	\$75.00	\$52.50

NARCISSUS

Mixed, Round and Double Nose Bulbs.....	100	1000
	\$5.50	\$50.00

Miscellaneous Bulbs



THIS GROUP OF VAUGHAN'S GIANT AMARYLLIS WON FIRST PRIZE AT THE NATIONAL FLOWER AND GARDEN SHOW, CHICAGO, 1942

Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

Bulbs $2\frac{1}{2}$ inches and more and are sure bloomers.

Make wonderful window displays.

SELECTED MIXED HYBRIDS		Doz.	100
$2\frac{1}{4}$ - $2\frac{1}{2}$ inch.....	\$2.30	3.50	\$16.00
$2\frac{1}{2}$ - $2\frac{3}{4}$ inch.....	3.50	4.50	25.00
$2\frac{3}{4}$ -3 inch.....	4.50	5.00	30.00
3 - $3\frac{1}{4}$ inch and up.....	5.00	5.50	35.00
$3\frac{1}{4}$ - $3\frac{1}{2}$ inch.....	5.50		40.00

Anemones

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about $\frac{1}{2}$ inch deep. Sunny location, plenty of moisture. Special Mixed, number one bulbs, per 100, \$3.25; per 1,000, \$27.00.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, \$3.50; per 1,000, \$30.00.

Brodiaeas

Capitata. The California Hyacinth, has slender stems, 6 to 12-inch, high capped with a close cluster of violet blue flowers. Flowers hold up well, so should be good for Florists use. 100, \$3.50; 1,000, \$30.00.

Calochortus or Mariposa Tulip

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house. Mixed, per 100, \$3.75; postpaid; per 1,000, \$32.50.

White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice premature cutting off the tops, expose bulbs to the sun, in order to make early shipment.

Our stock is thoroughly cured in the ground and dried carefully before they are packed. This means later delivery but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	Per 1,000
$1\frac{1}{4}$ - $1\frac{1}{2}$ inches.....	\$11.00	\$ 95.00
$1\frac{1}{2}$ - $1\frac{3}{4}$ inches.....	18.50	170.00

Yellow Callas

(Elliotiana)

Yellow callas are very attractive as pot plants. A few pots of this golden yellow flower placed in a display window draw much attention and sales. Grow a hundred and see how quickly they sell.

	Doz.	Per 100	Per 1,000
2 - $2\frac{1}{2}$ inch.....	\$2.00	\$15.00	\$135.00
$2\frac{1}{2}$ -3 inch.....	3.50	25.00	230.00
3 - $3\frac{1}{2}$ inch and up.....	5.50	40.00	355.00

Pink Calla

(Rehmanni Superba)

Truer pink than the old Rehmanni and make larger plant with longer stems on the flowers. Blooms sold very well on all major markets.

	Doz.	Per 100	Per 1,000
$1\frac{1}{4}$ - $1\frac{1}{2}$ inches.....	\$2.75		\$20.00
$1\frac{1}{2}$ - $1\frac{3}{4}$ inches.....	4.50		30.00

Freesias—California Grown

Crop Short

Elder's Giant White. Much demand for the flowers on all markets because of the size and strong stems. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$2.00; per 1,000, \$15.00.

Golden Daffodil. The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong stiff stem. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.50; per 1,000, \$10.00.

Kokomo. A very attractive lavender blue. Large open flowers and good long stems. A strong grower with plenty of laterals. We believe the finest lavender to be put on the market. $\frac{1}{2}$ to $\frac{5}{8}$ in.; per 100, \$2.00; per 1,000, \$15.00.

PURITY—True Strain. White. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.50; per 1,000, \$10.00.

Sunset. A flame orange, reminding you of the glorious sunsets of California. $\frac{1}{2}$ to $\frac{5}{8}$ in.: per 100, \$1.50; per 1,000, \$10.00.

Rainbow. Mixed. $\frac{1}{2}$ to $\frac{5}{8}$ in., per 100, \$1.80; per 1,000, \$13.00
 $\frac{5}{8}$ to $\frac{3}{4}$ in., Per 100, \$2.50; per 1,000, \$20.00

Baby Gladiolus

Years ago when the bulbs could be imported they were very popular. Limited quantities are now being grown on the coast so we can offer them again. Wonderful for forcing. Unsurpassed for bouquets, baskets and other uses.

Peach Blossom, delicate pink.

Per 100, \$5.00; 1,000, \$45.00.

Dog Tooth Violets

(Erythroniums)

If they had no other beauty than that of their richly mottled leaves, they would be well worth a place in the shady corner. Their flowers are 3 inches across, with stems 6 to 18 inches high. The colors run in delicate tints of white, pink, cream, bright yellow and rose. They are hardy in the coldest States, and while they are at their best in a loose, gritty soil, rich in leaf mold, they also thrive in woodlands, in shaded corners, or in the crevices of rockwork in shade.

Americanum. It produces in April, small, lily-like flowers, which vary through white, pink, bright yellow, rose, and cream. Bulbs should be planted about 5 inches deep. Per 100, \$3.50; per 1,000, \$30.00.

Californicum has large cream-colored flowers. Per 100, \$4.00; per 1,000, \$35.00.

Citrinum is rather more erect in habit, with flowers almost pure white with strongly contrasting deep citron. Per 100, \$4.00; per 1,000, \$35.00.

Tuo lumnensis is a superb species with flowers of the golden yellow, large leaves not mottled. Per 100, \$4.50; per 1,000, \$40.00.

Hartweggii is as pretty as Californicum, with more yellow in the flower, and each flower on a separate stalk. Very early and stands much heat. Good for pots. Per 100, \$4.00; per 1,000, \$35.00.

Hendersonii. Like Californicum, but the flowers are a lovely light purple, with centers a deep maroon. Per 100, \$4.50; per 1,000, \$40.00.

Mixed. Per 100, \$3.75; per 1,000, \$32.50.

English Iris

The English Iris are among the finest of all the Iris group coming into flower at the end of June. As a cut flower it is invaluable. The bulbs may be planted outside with a Winter mulching.

Named Varieties. Deep-blue, White, Light-blue, Deep-ruby flaked. Doz., 85c; 100, \$6.50.

Leucocoryne Ixiodes Odorato

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz., 85c; per 100, \$6.00.

MUSCARI (Grape Hyacinth)

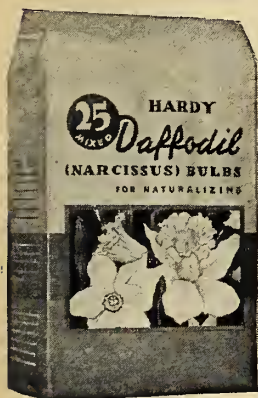
Make good pot plants. Force easily for January blooms.

Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc.

	100	1,000
6-7 ctms.....	\$2.20	\$17.00
7-8 ctms.....	2.75	22.50
8-9 ctms.....	3.50	30.00
9-10 ctms.....	4.00	35.00

Heavenly Blue. Sky-blue.

	100	1,000
6-7 ctms.....	2.50	20.00
7-8 ctms.....	3.00	25.00



Sell Daffodils This Fall

25 mixed hardy daffodils in picture packages, 10 pkgs. \$ 12.50
Retail for 20.00
Profit \$ 7.50

20 packages for \$24.00;
Prices F. O. B. Chicago.

Also Packed 12 Bulbs, Picture Package, Each, 65c; 10 Package Lots, 60c Each.

Mixed hardy daffodils are lower in price than tulips this fall for the first time we remember, and by almost 50%! Many more should be sold, in view of the tulip shortage. We offer a special picture package in brilliant color containing 25 mixed bulbs, and giving cultural instructions. Sure to be a rapid seller. No waste, no picking over.

Narcissus Paper White Grandiflora

From the Finest Crop Harvested in Florida
CROP IS VERY SHORT OF LARGE BULBS—ORDER EARLY!

All our bulbs are grown from stock that originally came from the same Frenchman who supplied us before importation of foreign bulbs was prohibited. We caution florists against buying cheap bulbs of Paper Whites. You might get bulbs which have been left in the ground two or more years, and which show double crowns. Such bulbs will produce plenty of foliage, but will lack flowers.

The fields from which our bulbs come were inspected by our bulb man at flowering time, to insure true type; and a further inspection was made at harvesting time. The stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are as good.

Paper Whites.	100	1,000
12 ctms. Buy these to compete with chain store	\$3.00	\$25.00
13 ctms.....	4.00	34.00
14 ctms.....	4.75	42.00
15 ctms.....	5.50	50.00
Grand Soliel d'Or, yellow paper white.		
14-15 ctms.....	6.50	60.00

Chinese Narcissus (American Grown Bulbs)

(Better than the imported.) Per 100 Per 1,000
Strong Bulbs..... \$5.75 \$52.50

ORNITHOGALUM

Arabicum, Star of Bethlehem, white with black base. Doz., 75c; 100, \$5.00; per 1000, \$45.00

Thyrsoides, pure white. Doz., 80c; 100, \$5.50; 1,000, \$50.00.

Thyrsoides, Flore Pleno, double white. Doz., 85c; 100, \$6.00 per 1,000, \$55.00.

SPIRAEAS

For Easter and Mothers' Day Blooming

Freeze roots before potting.

Grow 90 days for Easter.

Grow 75 days for Mothers' Day.

Temperature 55 degrees.

Pink and white varieties of best named. Per doz., \$4.50; 100, \$30.00

Ranunculus

With available flowers for early spring sharply reduced by the effects of war, the problem of every greenhouse owner is: What shall I plant in the benches usually devoted to material shut off by war?

Ranunculus offer an immediate answer to this problem. No other flowers available to the florist can produce such a riot of color. They make an immediate hit with the public, as every flower show proves. Market records show that supplies in the past have sold out quickly at good prices, and next spring they will have far less competition.

The important thing is to grow a good strain, and Vaughan's exclusive Victoria Hybrids have no rivals in abundant bloom, percentage of doubles, strong stems, and size of flowers. The color range embraces pink, yellow, orange, brilliant scarlet, vivid apricot and innumerable tints of these colors.

Culture is simple, and full directions will be supplied on request.

	Per 100	Per 1,000
Victoria Hybrids Mixed No. 1	\$3.00	\$25.00
Mixed No. 2	2.00	15.00

SCILLA NUTANS ALBA

Grown cool, it is a sure bloomer, producing a stem of twelve to eighteen inches, with a flower truss of purest white about four inches long. Best results are obtained by planting in deep flats, plunging in cold frame, then bringing them into a cool house. Per 100, \$3.50; per 1,000, \$30.00.

	Per 100	Per 1,000
SCILLA NUTANS		
Blue	\$4.00	\$35.00

	Per 100	Per 1,000
SNOWDROPS		
Single	\$5.50	\$50.00
Double	6.00	55.00

Vaughan's Flower Seeds

Condensed List for Fall Sowing

Cash Discounts on Flower Seeds: On all orders for flower seeds except Cyclamen seed which is net, totaling less than \$25.00; 5%, and over \$25.00; 8% may be deducted if cash is enclosed.

"SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

SPECIAL OFFER—WHERE PRICE IS:

- \$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55
- \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50
- \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*) are best for early winter flowering.
Varieties followed by a cross (X) we can supply in 1/2 trade pkts. at 60c each.

BRONZE SHADES

	Trade pkt.
Afterglow. Golden bronze Spring flowering X.....	\$1.00
Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1 3/4 to 2 inch individual florets. No grassy growth; non-shattering.....	2.00
*Early Glorious (Windmiller). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales.....	1.50
Ideal Improved (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Winter-flowering strain, blooming in four months from seed. "This variety sold on sight at a premium." Louis Hockner.....	1.50
Kirkwood Beauty. Bronze with a cast of gold—a striking color. Rather tall grower.....	1.00
*Sunlight. Improved Suntan, finest early golden bronze X.....	1.00
*Suntan. Rose shade of tan with tinge of yellow on lip. Early blooming X.....	1.00
Talisman (Windmiller). Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers.....	2.00

PINK AND ROSE SHADES

America (Hodaly). Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage.....	1.50
Ball's Early Pink. Rose pink similar to Radiance.....	1.00
*Better Times. Not available this year, we recommend Cheviot Maid Supreme or Rose Queen.....	Trade pkt.
*Cheviot Supreme Appleblossom (Windmiller). In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter.....	\$1.00
Cheviot Maid Supreme. Reselected. Deep rose-pink X..	1.00
Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winterproducer X.....	1.00
*Gilbert's Pink Queen Supreme. Sold out, suggest Rose Queen.....	
La France (Windmiller). True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem.....	1.50
Marie Louise (Raasch). Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set.....	2.00
*Maryland Pink (Winkler). Early, light pastel pink. Large flowers. 1/2 trade pkt., \$1.25.....	2.00
*Mary Ellen. Sold out, suggest Maryland Pink.....	
New Cincinnati. The finest light rose X.....	1.00
Peggy Schumann (Schumann). Pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots.....	2.00
*Rose-Pink Cheviot Supreme (Windmiller). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January.....	1.00
Rose Queen. Dark pink X.....	1.00



KOESTER'S WHITE

PINK AND ROSE SHADES—Continued

Schaffroth's Pink. A beautiful soft rose pink. Early flowering. Also may be grown as a second crop which will be in fine flower for Mothers' Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop.....	Trade pkt. \$2.00
St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Sow early. Spring bloomer.....	1.50
Terry's Surprise, Improved. Pink and bronze shades, late..	1.00
Yoder's No. 33. One of the parents of Mary Ellen is uniform light pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit.....	1.50

RED

*Christmas Red. Extra early crimson.....	1.00
Velvet Supreme. A rich velvety scarlet crimson.....	1.50

LAVENDER

Ball's Lavender. A rich lilac lavender, fine spike and long stemmed.....	1.50
Bertha Baur. Standard lavender.....	1.00
Schumann's Lavender. A true color, heaviest spike and unquestionably the leader.....	2.00
*Windmiller's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color.....	1.50

"SNAPS" For Greenhouse Forcing—Cont'd

WHITE

	Trade Pkt
* Koester's White. It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers.	\$1.50
* Lucky Strike. Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X . . .	1.00
* Lucky Strike Improved. Earlier than the original.	1.50
Margaret (Yoder) is a winterblooming ivory white, whiter than the old Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size set more closely on the spike than Mary Ellen but the spike has the same general form as Mary Ellen. It is earlier than Mary Ellen. The florets last a long time and do not shed.	2.00
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage. .	1.50
Peace (Ball). Large closely set florets of the pure white on long, wiry stems. The unusually rich dark green foliage contrasts vividly with the snowy whiteness of its flowers. It is fairly early-flowering and entirely free of grassy side growth. . .	1.50
Schaffroth's White. Pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks.	1.50
Schlegel's White. Early and vigorous grower for early and late planting.	1.50
Westover's Fringed Early White (Windmill). An early development of Westover's Fringed White—an ideal wedding bouquet white—good early or late.	1.50
White Wonder, Improved. Longer and better stems with flowers well placed—keeping the pure white color of original. .	1.50

YELLOW

Carol Jean (Dornacher). A shade lighter than Ethel. Has no wild growth whatever. Will not shatter.	\$2.00
* Ceylon Court. Dark Selection. Canary yellow. Our introduction X	1.00
Coate's Yellow Perfection. Deep golden yellow. Spring flowering X	1.00
* Ethel. Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof. .	1.50
Goldie (Windmill). Deep early yellow.	2.00
Klondyke Supreme. Deep intense golden yellow with extra large individual florets.	1.00
Schlegel's Yellow. Early and vigorous grower for early and late flowering.	1.50
Schumann's Yellow. Fine large yellow.	2.00
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.	1.50
* Yellow Wonder (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety.	1.50
Greenhouse Varieties Mixed. With pinks predominating. .	.75

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.80; 5000 seeds, \$8.00.

Sprengeri. 100 seeds, 30c; 250 seeds, 55c; 1,000 seeds, \$1.80; 5000 seeds \$8.00.

Novelty Begonias

This type is specially desirable for out-door bedding.

Homeran. All these varieties are strong, vigorous, branching early if pinched back and have some of the characteristics of both parents; a fibrous and a tuberous, taking their root system from the fibrous.

Homeran Crimson. Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose. 15 to 18 in. 1.00

Homeran Rose. A glorious new rose colored Begonia with extra large flowers, clear Begonia green foliage. 15 to 18 in. 1.00

Homeran White. Large oval shaped green leaves. Flowers are pure white with the usual yellow center. 12 to 15 in. 1.00



BEGONIA SEMPERFLORENS MASTERPIECE

Begonias—Fibrous-Rooted

Pink Pearl. Regret sold out, we suggest *Gracilis Adeline* as substitute.

Red Pearl. As this variety is not available this year, we recommend **King of the Reds** instead.

Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl. Trade Pkt \$1.00

Carmen. Bright rose flowers, bronze foliage. 1.00

Dwarf Luminosa. Extra dwarf, scarlet. Fine for pots. 8 in. 1.00

Fireball. Fiery crimson. 10 in. 1/4 oz., \$2.50 1.00

Indian Maid. 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage. 1.00

Luminosa. Deep dark scarlet foliage reddish brown. 10 in. 1/4 oz., \$2.50 1.00

Prima Donna. Limpid rose, shading to carmine, most beautiful. 10 to 12 in. 1.00

White Pearl. White. 10 in. 1/4 oz., \$2.00 1.00

Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet. 1/4 oz., \$2.00; 1/2 oz., \$3.50 1.00

Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink. 1/2 oz., \$3.50; 1/4 oz., \$2.00 1.00

Illusion. Is a masterpiece among the Begonias. Flowers attractive rose with a white blotch on every petal. Early flowering. Does well in sun or shade. Foliage is true Begonia green. 10 to 12 in. 1/4 oz., \$2.00 1.00

Semperflorens Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, foliage clear green. 1.00

Enchantress. Fresh rose color. 1/4 oz., \$2.00 1.00

Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage. 8 in. 1/4 oz., \$2.25 1.00

Ile de France. The best white. The foliage is light green. The flowers are 1 1/4 in. to 1 1/2 in., pure white, with bright yellow stamens. They grow in compact form not to exceed 12 in. in height and approximately the same width. Fine for Easter and Mother's Day 1/4 oz., \$2.25; 1/2 oz., \$4.00 1.00

Kaethe Teicher. The flowers are 2 1/2 in. across. The plants about 10 in. high. The strong dark green foliage forms an effective foil to the pure carmine of the flowers 1/4 oz., \$2.25 1.00

King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl. 1/4 oz., \$2.50 1.00

Lucifer. The color is a bright salmon scarlet, which shows up well on the shining green leaves. The flowers attain generally a diameter of 2 inches or more, 1/4 oz., \$2.50 1.00

BEGONIA Semperflorens—Continued Trade pkt.

Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage.....
 1/4 oz., \$2.20; 1/2 oz., \$4.00 \$1.00

Rose Queen. Abundant carmine rose flowers, like Glore de Lorraine, splendid plant for pots. 1.00

Snow. Pure white blossoms; green foliage... 1/4 oz., \$2.00
 1/2 oz., \$3.50 1.00

Scandinavia Pink. An outstanding large flowered variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering..... 1.00

Speciale Mixtur bedding begonias, 1/4 oz., \$1.50; 1/2 oz., \$2.50 1.00

BROWALLIA Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding.....
 1/16 oz., \$1.00; 1/8 oz., \$1.80 .35

Candytuft

Giant Hyacinth-Flowered Pure White Select. Trade Pkt. Oz.
 This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use..... 4 oz., \$2.60; lb., \$8.00 \$0.20 \$0.80

Candytuft Umbellata 12 in.

Alba. White. Purpurea. Crimson.
 Carminea. Rose Cardinal. Rose-pink.
 Flesh-Pink. Vaughan's Special Mixed.
 Lilacina. Lilac.
 Each of above..... Trade pkt., 15c; oz., 50c; lb., \$4.80

Centaurea

SUPER GIANT CENTAUREA CYANUS (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May be sown out of doors just before freezing for early spring blooming.

- Black Boy. Blackish maroon.
- Blue Boy. Rich deep blue, very large flowers.
- Pinkie. Deep pink.
- Red Boy. Deep red.
- Snowman. Best white.
- Vaughan's Mixture of Super Giant New Varieties Mixed.
- Each of above, Trade pkt., 15c; oz., 45c; 4 oz., \$1.45; lb., \$4.50

CENTAUREA Candidissima (Dusty Miller). Broad Tr. pkt. Oz.
 cut leaved variety with silvery foliage. 16 in. This must be started early, as it is a slow grower.....
 1/4 oz., \$1.00 \$0.35 \$3.50

Chinese Forget-Me-Not

Cynoglossum Amabile, Blue Bird. A lovely plant Tr. pkt. Oz.
 18 to 24 inches tall, with bright blue flowers. Makes wonderful cut flower material..... 1/4 oz., 30c \$0.15 \$1.00

Amabile. Pink...... 1/4 oz., 30c .15 1.00

Fairy Blue. Attractive deep Cambridge or azure blue..... 1/4 oz., 25c .15 .80

Firmament. A compact variety of bushy growth, 15 to 18 inches tall. Smothered with rich dark blue flowers..... 1/4 oz., 30c .15 1.00

Chrysanthemum

CARINATUM VAUGHAN'S RAINBOW MIXTURE

This wonderful new strain of Carinatum Hybrids contains a very wide range of various tones running through purple, scarlet, orange, salmon, rose, yellow, white, which are all beautifully zoned 'round the dark discs with small yellow edges. These zones differ both in color and size to a remarkable degree and comprise many different shades of deep purple, maroon, copper and orange. Culture for under glass with order. Trade pkt., 30c; 1/4 oz., 60c; oz., \$2.00.

Clarkia Elegans Fl. Pl.—2 ft.

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Grow on in flats or shallow raised bench.

Albatross. Pure white. Salmonea Perfecta. True salmon, extra double.
 Purple Prince. Rich purple. Scarlet Queen.
 Rosy Morn. Beautiful rose color, very double. Vaughan's Special Mixture.
 Each of above. Trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00.



CALENDULA VAUGHAN'S IMPROVED SENSATION

Calendula

FORCING VARIETIES

Sensation, Vaughan's Improved (Campfire). Long Trade pkt. Oz. stems; very double, brilliant orange flowers. The blooms are very flat in shape.....

Apricot. Light straw or buff color with dark center..

Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange Improved.....

Ball Lemon Queen......

Ball Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange.....

Ball Long Orange. Long-stemmed, light center, clear orange.....

Ball's Orange Improved. Rich orange, light center. Petals slightly notched.....

Ball Masterpiece. Extra long-stemmed, deep orange-brown center.....

Each of the above..... 2 oz., \$3.50; 1/4 oz., 60c \$0.40 \$2.00

Vaughan's Special Mixture for greenhouse forcing.
 1/4 oz., 50 .35 1.50

Coleus

Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed now and make cuttings of your seedlings or sow seed January 1st for Memorial Day plants. Trade pkt., \$1.00

Vaughan's Rainbow Mixture. The leaves are enormous, their color combinations are remarkably rich..... Tr. pkt., 60c

Didiscus Coeruleus

Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large as the original type. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2 1/2 to 3 1/2 inches in diameter. Plant in spots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart, does not transplant well. Not over Carnation temperature needed.

Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.



HOUSE OF CYCLAMEN PLANTS GROWN FOR SEED FOR VAUGHAN'S SEED STORE

Cineraria Hybrida

Vaughan's Columbian Mixture. Contains the best large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.00; $\frac{1}{16}$ oz., \$5.50 Trade Pkt. \$1.00

Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana. $\frac{1}{64}$ oz., \$2.20; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.50. 1.50

Cremer's Improved Prize Strain. Originator's Packet. 1.50

Howard and Smith's Strain. Mixed. A very fine large flowered selection from a California specialist. $\frac{1}{64}$ oz., \$2.50. 1.00

Vaughan's Special Mixture of Cremer's, Gold Center and Siter's. $\frac{1}{32}$ oz., \$3.75; $\frac{1}{64}$ oz., \$2.00. 1.00

Hybrida Multiflora Nana. Mixed. Produces dwarf plants with masses of small flowers, measuring about $\frac{3}{4}$ in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored. $\frac{1}{32}$ oz., \$2.80; $\frac{1}{64}$ oz., \$1.60. 1.00

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.

$\frac{1}{32}$ oz., \$3.50; $\frac{1}{64}$ oz. \$2.00, 500 seeds, 60c; 1000 seeds, \$1.00

Potsdam Strain. Mixed. (Berlin Market or Weissensee. Trade Pkt. American grown seed. The plants are taller and flowers larger than Cremer's. $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.00. \$1.00

Siter's Rainbow Strain. Mixed. Immense flower heads of medium large round petaled flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's. $\frac{1}{32}$ oz., \$4.50; $\frac{1}{64}$ oz., \$2.50. 2.00

Siter's Rainbow Mixture. Originators packet. 2.00

Star Cineraria (Cineraria Hybrida Polyantha). Feltham Beauty. Fine small flowering variety for cutting and decorating purposes nearly all have white centers. 1000 seeds .75

CINERARIA Maritima Candidissima, for bedding; leaves silvery white. This variety of "Dusty Miller" is preferred by the staff of the Garfield Park, Chicago, Illinois as they have found these plants do not rot as the Centaurea Candidissima is apt to. Trade pkt., 15c; $\frac{1}{4}$ oz., 25c; oz., 90c. Trade pkt. Oz.

Maritima Diamond. Leaves pure white. $\frac{1}{4}$ oz., 25c. .15 .90

Cyclamen—Persicum Giganteum

Our Cyclamen seed has been grown by experienced American growers who have specialized in this item for years.

Cyclamen prices are net and subject to change without notice. 250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. Prices are net.

	100 seeds	1000 seeds
Bonfire. Brilliant salmon.	\$2.25	\$20.00
Bright Red.	1.75	16.00
Dark Blood Red.	1.75	16.00
Lavender.	1.75	16.00
Morning Red (Sunrise). Light salmon, dark eye.	2.20	18.00
New Ruffled, Mixed.	2.30	21.00
Orange Beauty. Orange vermilion.	2.30	21.00
Pink Pearl. Salmon-pink.	2.30	21.00
Pure Rose.	1.75	16.00
Rokoko Mixed. Large fringed flowers.	2.20	18.00
Pure White.	1.75	16.00
Saffron Red.	2.20	18.00
Saffron Red Silver Edge.	2.40	21.00
Salmon Scarlet (America Improved).	2.30	21.00
Salmon-Rose Improved.	2.25	20.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf).	2.20	18.00
Salmon Light (Rose of Zehlendorf).	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).	1.75	16.00
White with Carmine Eye.	1.75	16.00
Vaughan's Florist Mixture.	1.75	15.00

Double Cyclamen

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Cerise Brilliant. A good Christmas red.

Prosperity. An azalea type, flaming rose color.

Rosea. A soft rose with a coral cast, shading lighter at petal tips.

Double Mixed. The four above.

Each, of the above, 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00.

Cyclamen flowers keep well when cut, if you make an incision lengthwise into the lower part of the stem with a sharp knife and put flower stems immediately into water.



DELPHINIUM PACIFIC GIANT HYBRIDS

Delphinium

PACIFIC GIANT (Vetterle and Reinelt)

This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Lancelot Series. Pure lilac self tone with white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

Pacific Giant. Individual florets 2 to 2 1/2 inches in diameter. Well placed on large well balanced spikes. Excellent for show purposes. Not Mildew resistant.

Pacific Giant Clear White. Clear glistening white with heavy texture.

Pacific Giant Dark-Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Giant Lavender Pastel Shades. Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

Pacific Giant Mixed.

Each of above 5: Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; oz., \$12.00.

DRACAENA Indivisa. Ornamental plants with long narrow gracefully arching green leaves. .lb., \$5.00 \$0.15 \$0.50

DUSTY MILLER. See *Cineraria Maritima* and *Centaurea Candidissima*.

GREVILLEA Robusta. (Silk Oak). Excellent fern-like Trade pkt. Oz. foliage plant for combination pots and baskets for fall and winter. Sow in a 60 degree house in well drained soil and give bottom heat. Well grown single specimens make a good fern-like house plant. 1/4 oz., 50c \$0.15 \$1.60

JACARANDA Mimosaefolia. Mimosa leaved. Foliage as finely cut as a fern. Plants symmetrical and elegant in shape. Useful for combinations or as a pot plant. 100 seeds, 50c; 1,000 seeds, \$3.50

KALANCHOE Globulifera. Var. *Coccinea* (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant
 3,000 seeds, \$1.20; 1/4 oz., \$1.80; 1,500 seeds, .60

Tom Thumb. A dwarf variation of the popular *K. Blossfeldiana*, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. 1/4 oz., \$5.00; 1,000 seeds, 1.25

LARKSPUR—See next page.

LEUCOCORYNE Ixioides (Glory of the Sun). Large, fragrant flowers, blue with white centers, charming for cutting. 1/8 oz., \$1.50, .75

Lilies

Culture on Lilies from seed sent free with order

Seeds sown in October or November should be transplanted into 2 1/2 inch pots or bands 3 or 4 months after sowing. Carry along until August when they should be planted in the bench 6x8 inches apart or grown in 4 or 5 inch pot. These will grow into plants carrying 2 or 3 flowers the following Spring about 15 or 16 months from date of sowing.

If only buds are cut at this time, letting the foliage dry down by gradually withholding water, and then placing bulbs in cold storage at 32 to 40 degrees and then potting; the next Spring a much higher bud count can be expected.

Creole. X White Queen Hybrid. A lovely addition to this popular family. The flowers are pure white, longer and larger trumpets of much more substance than White Queen. 100 seeds, \$1.00.

Longiflorum Praeox White Queen. Produces blooms of the well known. Erabu type within 13 or 14 months from sowing. There are about 8,000 seeds in an ounce. 1/2 trade pkt., 60c; trade pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.20; oz., \$12.00.

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, Trade pkt. Oz. dark foliage. 1/4 oz., 60c \$0.25 \$2.00

Compacta Blue Gown. Clear deep blue, without eye, fine compact habit. 1/4 oz., 85c .25 3.00

Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue. 1/4 oz., 70c .25 2.40

Emperor William. Dwarf, gentian-blue, light foliage. 4 in. 1/4 oz., 70c .25 2.40

Mrs. Clibran. Deep blue, white eye. A good substitute for Bedding Queen 1/4 oz., 70c .25 2.40

Pumila Splendens. Bedding green, regret not obtainable; Mrs. Clibran best substitute.

Alba, Snowball. 4 in.35

Sutton's Cambridge Blue. Light blue with green foliage. 1/4 oz., 95c .25

Dwarf Sorts, Mixed 1/4 oz., 65c .25

Pendula (for hanging baskets). **Angelina.** Pure white large flowers35

Sapphire. Large deep navy-blue with white eye. 1/4 oz., \$1.00 .35

Tenuior Ramosa. Fine Gentian Blue. 1 1/3 ft. 1/4 oz., 90c .35 \$3.00

Lupinus and Marigold. See next page.

Mignonette

Growers interested in heavy spikes of Mignonette around Christmas, should sow seed in pots in late August. Mignonette likes a rich soil, a temperature of 45, or a little lower and a sunny bench. Dis-budding and support are necessary.

New York Market. Trade pkt. Oz. \$0.50
True Machtet. Vaughan's Selected Stock. 1/4 oz., 30c .15 \$1.00

Easter 1945 is April 1st.

Annual Larkspur

To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Can also be sown outdoors just before freezing for early spring flowering.

GIANT DOUBLE IMPERIAL—4 ft. Base Branching Type

This type is the most desirable for outdoor growing. An annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

- Blue Bell. Fine medium blue.
- Blue Cockade. Rich lilac blue.
- Blue Spire. Dark blue.
- Carmine King. Carmine rose
- Coral King. Blush pink with a suffusion of coral.
- Daintiness. Delicate lavender.
- Dazzler. Rich scarlet.
- Exquisite Pink Improved. Salmon-pink.
- Gloria Improved. Rich deep rose-salmon.
- Lilac King. Rich lilac
- Lilac Spire. Beautiful lilac color.
- Los Angeles Improved. Salmony scarlet.
- Miss California. Deep pink on salmon.
- Montrose. Clear rose pink.
- Pink Perfection. Lively light pink, large double florets, upright habit.
- White King. Glistening pure white.

Each of the above, Trade pkt., 25c; ¼ oz., 40c; oz., \$1.10; lb., \$11.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; ¼ oz., 40c; oz., \$1.10; lb., \$11.00.

STOCK-FLOWERED—4 ft.

- Ageratum Blue. Sky Blue.
- Dark Blue.
- Lilac Supreme. Deep lilac.
- Rosamond. Pure rose.
- Rose Queen. Deep rose-pink without salmon shading.
- Salmon Rose.
- White.

Each of the above. Trade pkt., 25c; oz., 70c; lb., \$7.00.

Vaughan's Special Mixed Stock Flowered, Trade pkt., 25c; oz., 70c; lb., \$7.00.

SUPER MAJESTIC—5 Ft.

Long tapering laterals branch from base of each plant and grow close to main stem, vigorous growth and abundance of flowers—5 ft.

- Lavender. Rose Pink. White.
- Each of above. Trade pkt., 35c; ¼ oz., 50c; 1 oz., \$1.50; lb. \$15.00.

EMPRESS—3 ft. Trade pkt. Oz.

Rose Bud. Deep salmon-pink. ¼ oz., 50c \$0.35 \$1.80

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

- Dark Blue, Pink, Purple, Lilac and White. Trade pkt. Oz.
- Each of the above. lb., \$16.00; ¼ oz., 50c \$0.30 \$1.60
- Mixed Improved Giant Hyacinth Fld. lb., \$16.00; ¼ oz., 50c .30 1.60

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop." Sow 3 or 4 seeds in a 3 or 4 in. pot. Keep in cold frame until late October or November. Transplant into a ground bed and grow slowly in cool temperature. Space 10x12 inches, water well after transplanting and then keep on dry side until plants are established.

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

- King Dark Blue King White
- King Heliotrope King Mixed
- King Sky Blue
- Trade pkt. Oz.
- Each of the above. lb., \$8.00 \$0.20 \$0.80



ANNUAL LARKSPUR GIANT IMPERIAL

Marigold

For best results, seed should be sown from July up to December. Plant in any house that can be kept free from frost. No insect pests.

Tall African Double Fistulosa, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

- All Double Lemon. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.
- All Double Orange. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.
- Lemon Queen, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80; 4 oz., \$5.00.
- Prince of Orange, Los Angeles Florist Strain. All double. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80; 4 oz., \$5.00.

Yellow Supreme. Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

Guinea Gold. Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. For a fine paying winter cutflower, especially in a retail growers establishment Lieb's varieties are highly recommended. Seeds can be sown from August to December. Space plants ten inches apart in bench in not too rich soil in Carnation house temperature. Trade pkt., 25c; ¼ oz., 60c; oz., \$2.00.

Lieb's Winter Flowering Sunshine. Golden orange, yellow center. Trade pkt., 25c; ¼ oz., 60c; oz., \$2.00.

FORGET-ME-NOT × (Myosotis)

- Alpestris Blue Eyes. Bright blue with white eye, Trade pkt. Oz.
- large, early flowering. ¼ oz., \$1.20 \$0.35 \$4.00
- Indigo Blue (Royal Blue). 12 in. ¼ oz., 70c .25 2.40
- Rosea. 12 in. ¼ oz., 80c .25 2.80
- Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ¼ oz., 60c .35 3.60
- Victoria. Dwarf globular strain. 8 in.:
- Sky-blue. Excellent variety. ¼ oz., \$1.40 .35 4.00
- Indigo Blue. Fine dark blue.50
- Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. ¼ oz., 85c .35 3.00

SINGLE PETUNIAS

For complete list see Spring Catalog

GIANT-FLOWERING SINGLE

The flowers in this section measure from 5 to 7 inches across.

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

The best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors.

1/2 Trade pkt., 75c; Trade pkt., \$1.25; 1/64 oz., \$2.40; 1/32 oz., \$4.40; 1/8 oz., \$14.00.

Dwarf California Giants. Dark Selection. A favorite with many growers and it has given universal satisfaction.

1/2 Trade pkt., 60c; Trade pkt., \$1.00; 1/64 oz., \$1.75; 1/32 oz., \$3.20; 1/8 oz., \$11.00.

Dwarf Giants of California Ramona Strain, dark and light shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

1/2 Trade pkt., 60c; Trade pkt., \$1.00. 1/64 oz., \$1.40; 1/32 oz., \$2.60.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

	Trade pkt.	Oz.
Copper-Red. Dark-throated.	1/64 oz., \$1.40	..... \$0.50
German Empress. (Orchid Beauty). Lilac veined purple.	1/64 oz., \$1.40	..... .50
★Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered.	1/64 oz., \$1.25; 1/32 oz., \$2.40; 1/16 oz., \$4.00	..... .50
Prince of Wuerttemberg. Rich dark red with dark throat.	1/64 oz., \$1.40	..... .50
Princess of Wuerttemberg. Pink veined purple.	1/64 oz., \$1.40	..... .50
Supreme Florist strain of Giants of California. A strain of rose and pink shades with large ruffled, shallow open throated flowers freely produced on strong growing plants.	1/64 oz., \$1.50; 1/32 oz., \$2.80; 1/16 oz., \$5.00	..... .75
Ruffled Monsters in mixture.	1/64 oz., \$1.20; 1/32 oz., \$2.00; 1/16 oz., \$3.60	..... .50

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias.	1/64 oz., \$1.40	..... .50
Dainty Lady. The plants are neatly compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers.	1/64 oz., \$1.50	..... .50
Golden Jubilee. It has finely fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat with light bronze colored markings. Flowers are 3 1/2 in. in diameter and the plants very free blooming.	1/32 oz., \$3.00; 1/64 oz., \$1.65	..... .50
Royal Beauty (Marine). The most beautiful of all blue purple Petunias.	1/64 oz., \$1.60; 1/32 oz., \$3.00	..... .50
Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower.	1/64 oz., \$1.40	..... .50
Theodosia. Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes.	1/32 oz., \$2.50; 1/64 oz., \$1.40	..... .50
White Beauty. White fringed.	1/64 oz., \$1.40	..... .50
Fluffy Ruffles. In our opinion, the very best strain available, finely fringed and ruffled; mixed colors, about 75% ruffled.	1/32 oz., \$1.40; 1/16 oz., \$2.50	..... .50

Vaughan's Best mixture. Large-flowering single sorts.

This mixture is made up by ourselves from all the best single Petunias both fringed and plain-edged, and will give the most satisfactory results. Trade pkt., 50c; 1/64 oz., \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.20.



PETUNIA Vaughan's Dwarf California Giants Improved

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

	Trade pkt.	Oz.
Blue Beauty. A new large-flowering Petunia of clear, deep blue. Flowers of extra large size on plants of vigorous growth. Extremely free flowering.	1/32 oz., \$2.50; 1/64 oz., \$1.40	..... \$0.50
Burgundy. Large-flowered, 3 1/2-inch blooms, shades of purple or carmine with white throat and tube with violet veins.	1/64 oz., \$1.00	..... .50
Dwarf Elk's Pride. Velvet violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected".	1/64 oz., \$1.20; 1/32 oz., \$2.20; 1/16 oz., \$4.00	..... .50
Dwarf Pink Glory. Compact habit, pure flame rose-pink.	1/32 oz., \$1.50	..... .50
Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true.		..... .50
Pink Glory Hybrids (Windmiller). Their large blossoms, bright colors, branching habit and long life are hard to match. As a porch box Petunia they have proven superior to any we know of.		..... 1.00

LARGE-FLOWERING DWARF (Erfurt Strain)

(Flowers 3 to 4 inches across)

Gaiety. Plants are bushy about 12 in. high, covered with flowers. Large, daintily fringed rose and white blooms.	1/32 oz., \$2.60; 1/64 oz., \$1.40	..... .50
Gottfried Michaelis. Daintily fringed bright amaranth red with dark throat.		..... .50
Lace Veil. White flowers 2 1/2 in. across.		..... .50
Setting Sun. Brilliant rose-pink fringed flowers.	1/64 oz., \$1.60; 1/32 oz., \$3.00	..... .50
Dwarf Grandiflora Ruffled Mixed. The above and others. This is fine for combinations.	1/64 oz., \$1.20; 1/32 oz., \$2.00	..... .50

Petunia—Cont'd

SINGLE SMALL-FLOWERED DWARF SORTS

	Trade	pkt.	Oz.
Admiral. Extra reselected. Pot grown seed. This is the best dwarf clear blue Petunia, of good size, and even growth.	1/4 oz., \$1.60; 1/2 oz., \$3.00; 1/6 oz., \$5.50; 1/4 oz., \$20.00	\$0.75	.....
Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered. . . . .		.50	.....
Blue Bird. Deep violet, extra fine.	1/4 oz., 70c	.25	\$2.40
Cheerful. Received bronze medal in the All America Selection of 1944. The clear salmon pink flowers have a deeper rose veining toward the throat. Growth is densely compact and the plants studded from early summer until frost with flowers 2 1/2 in. across.	1/6 oz., 90c; 1/8 oz., \$1.60; 1/4 oz., \$2.70	.50	.....
Celestial Rose Improved. Definitely superior to the regular Celestial Rose, slightly dwarfed in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item.	1/4 oz., \$2.75; 1/8 oz., \$1.60	.50	9.00
Celestial Rose. Regular.	1/8 oz., 75c; 1/4 oz., \$1.25	.35	4.50
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in.	1/8 oz., \$1.10	.35	.....
Cream Star. Flowers grow 2 1/4 in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow. Plants, when fully grown, are 12 in. high.	1/4 oz., \$2.00; 1/8 oz., \$1.10	.50	.....
English Violet. A new and pleasing shade of violet-blue Petunia. It is almost the same beautiful color as English Violets. The plants normally grow 15 to 18 inches tall. . . . .		.50	.....
Heavenly Blue. Reselected.	1/8 oz., 90c; 1/4 oz., \$1.50	.35	4.80
Igloo. Plants are true, very uniform and compact growing. 12 to 15 inches tall. The small, 1 1/2 inch creamy white single flowers with yellowish throats.	1/8 oz., \$1.10	.50	.....
King Henry (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit.	1/32 oz., \$1.30; 1/16 oz., \$2.50; 1/8 oz., \$4.50	.50	.....
Martha Washington. Flowers frilled and ruffled, 3 inches in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in.	1/32 oz., \$1.10; 1/16 oz., \$2.00	.50	.....
Rose of Heaven Select. A brilliant rose-pink.	1/8 oz., 75c; 1/4 oz., \$1.40	.50	5.00
Rosy Morn. Select. Pink with white throat.	1/4 oz., 75c	.35	2.80
Senator. Purplish violet, white throat. . . . .		.25	.....
Snow Queen. Compact in growth with abundance of snow-white flowers.	1/4 oz., 85c	.25	3.00
Sutton's Blue Bedder. Midblue.	1/4 oz., 60c	.25	2.00
Twinkles. Masses of small, brilliant rose flowers with well defined pure white star.	1/4 oz., 60c	.25	2.00
Windmiller Pink (Sunrise). Presents a solid mass of deep green foliage studded with blooms. The 2 inch flowers have slightly frilled edges and are brilliant rose, with a flush of scarlet radiating from a small yellow throat.	1000 seeds	.50	.....
White Perfection. This is one of the best white Petunias in existence. They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across.	1/8 oz., 65c; 1/4 oz., \$1.20	.35	4.00
Vaughan's Special Dwarf Mixture. Small flowering sorts.	1/4 oz., 85c	.35	3.00

PANSIES. See outside back cover.

All-Double Petunias

We offer Originator's seed only.

Seed should be sown in Oct. or Nov. in heat 65 to 70°. The seedlings grown in a cool house will make very attractive 4 to 5 in. pot plants for Easter and Mother's Day.

All-Double Dwarf Victorious Mixed. Repeated tests, just completed, show a germination slightly below normal on the All Double Dwarf Victorious Mixed Petunia seed. We are, therefore, putting extra seed in the packet so that you will be certain to have a satisfactory stand of seedlings.

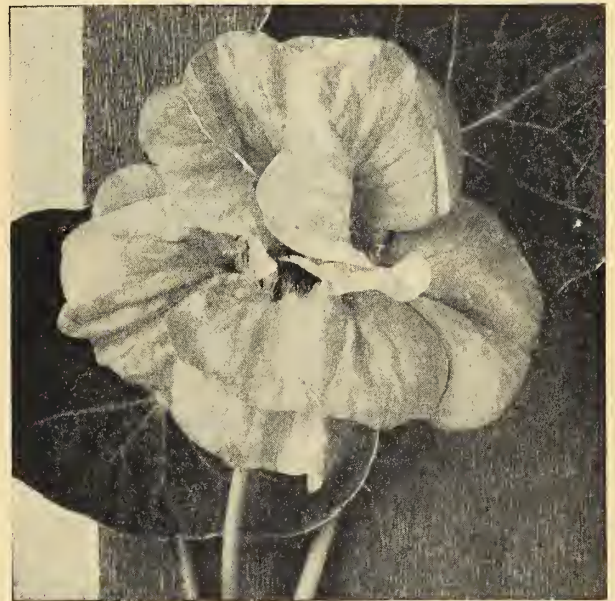
This mixture is the standard All Double Dwarf Victorious Mixture plus separate colors of All Doubles, such as World Beauty, White and Appleblossom. We know that you will be satisfied and pleased with the results. Trade Packets only. \$2.50; 1/2 Trade Packet, \$1.50.

DOUBLE LARGE-FLOWERING

All-Double America. America is the all double type, of medium size, 100 percent carnation-flowered, and rose-pink in color, somewhat a reminder of the color of Gladiolus America. America Petunia is a hybrida nana, an abundant bloomer from early summer to frosts; for bedding and cutting. Uniform and true. Silver Medal All-America Award 1943. 500 seeds, \$1.75; 1,000 seeds, \$3.00; 1/4 oz., \$11.00; 200 seeds, \$0.75

Super Strain Giant Double Fringed Mixed. Produced a high percent of beautiful fringed doubles. Variation of color ranged from soft salmon to deep pink, copper red, light red to deep maroon, and a wide range of variegated colors. Size of flowers from 3 to 5 inches in diameter.

Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-red. 500 seeds \$1.00; 1000 seeds 1.80



NASTURTIUM Double Glorious Gleam Hybrids

Nasturtium

Double Climbing Fragrant Varieties. Sow seed in late summer and give support early. Like cool nights and considerable water. Their bright flowers of spicy fragrance will come in handy during the winter months.

Tall Golden Gleam. Semi-double, yellow.

Indian Chief. Vivid scarlet flowers.

Scarlet Gleam. Bright orange-scarlet.

Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.

Each of the above: oz. 25c; 1/4 lb. 70c; 1 lb. \$2.40.



PRIMULA MALACOIDES SNOW FLAKE

Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results sow seed where you want them to bloom.

	Trade pkt.	Oz.	
Best large flowering, Mixed.....	1/4 oz., 80c	\$0.30	\$2.80
Gigantea Art Shades.....	1/4 oz., 85c	.35	3.00
Red Glory. This is the richest bright red, with contrasting white eye. Its color is the same as Scarlet Flax; a free, continuous bloomer, tall lightly foliaged, uniform and true.....	1/4 oz., 85c	.35	3.00
Rosy Morn. Rose-pink with white eye, color deeper than Petunia of same name.....	1/4 oz., 85c	.35	3.00
Salmon Glory. Pure salmon-pink with creamy white eye.....	1/4 oz., 85c	.35	3.00

Primula

Ericksson's Malacoides (Baby Primrose) (ORIGINATOR'S SEED)

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in May or June will produce large plants for Christmas. September sown seed will produce nice plants for Easter and Mother's Day.

RIVERSIDE STRAIN

This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

Glory of Riverside Improved. A true rose pink, free bloomer with large flowers and robust grower.

Lilac Beauty. Pure light lilac, 100% even color when blooming and a delight to work in combinations.

Peachblossom. Deep peachblossom pink.

White Giant. An exceptionally strong grower, large pure white flowers which may be used in combinations instead of Hyacinths. Each of the above: 500 seeds, \$1.00; 2,000 seeds, \$3.00; 6,000 seeds, \$8.00.

Ericksson's Special Mixture. 800 seeds, \$1.00; 2,000 seeds, \$2.00; 6,000 seeds, \$5.00.

New Baby Improved. Glowing deep pink. 800 seeds, \$1.00; 2,000 seeds, \$2.00; 6,000 seeds, \$5.00.

PRIMULA—Continued

Malacoides Various Sorts

	Trade pkt.	
Princess Mary. Deep rose pink.....	1/64 oz., \$2.00	\$1.00
Salmon Rose.....	1/64 oz., 2.00	1.00
Brilliancy. Opens lavender, changing to crimson-red.....	1/64 oz., \$2.20; 1000 seeds,	1.00
New Baby. Lavender-pink.....	1/64 oz., \$2.00; 1000 seeds,	1.00
Salmon Beauty. True salmon.....	1/64 oz., \$2.50; 1000 seeds,	1.00
Snow King. Pure white.....	1/64 oz., \$2.00; 1000 seeds,	1.00

New Giant Malacoides

Double Fairy Jewels. The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), \$1.50.

Enchantress. A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are 7/8 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet, \$1.50.

Snow Flake. Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply highlighted by the lush green foliage. Trade Packet (about 1,000 seeds), \$1.00; 1/64 oz., \$2.00.

Mixture. A mixture of giant varieties. Trade Packet (about 1,000 seeds), \$1.00.

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes.....	Trade pkt. 1/4 oz., \$1.40	Oz. \$0.50	\$5.00
Harbinger. 16 in. Very early, scarlet.....	1/4 oz., 1.40	.50	5.00
Clara Bedman (Bonfire). Erect habit—the old standby.....	1/4 oz., \$1.35	.50	4.50
Vaughan's Masterpiece. The finest dwarf extra early flowering variety. Massive scarlet spikes; even compact habit.....	1/8 oz., \$1.25; 1/4 oz., \$2.25	.75	8.00
St. John's Fire. Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants.....	1/8 oz., \$1.25; 1/4 oz., \$2.25	.75	8.00
Zurich. Early, 2 ft.....	1/4 oz., \$1.40	.50	5.00
Type (Scarlet Sage). 36 in. 1/4 lb., \$10.00; 1/4 oz., 90c		.50	3.20

SHAMROCK. Sow early..... 1/4 oz., 35c .20 1.20

STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming in a cool house..... 1/4 oz., 40c 15. 1.20

STEVIA Serrata. Fragrant, small white flowers freely produced in clusters. Fine to mix with other flowers. Easily grown indoors summer or winter..... .35

STOCKS. See page 17.

SWEET Peas. See pages 18.

THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets..... 1/4 oz., 35c .15 1.00

Gibsoni. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$1.00; 1000 seeds, \$6.00.

TORENIA Fournieri. Makes a fine pot plant for Mother's Day sales and very useful for combination baskets. Flowers blue with dark blotches on lip. 12 inch. Grown in southern states instead of pansies..... 1/8 oz. \$1.20 .50

Stocks

Our stocks are produced by the most careful growers and are equal to the best in the market.

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stocks in the Seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stock seed.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Deep American Beauty Rose.

★**Blue.** Dark lilac blue.

★**Chamois Pink.** Not such a large percentage of doubles as other varieties.

Gardenia. Flowers of the purest white. About 10 days later than White No. 16, also taller. Needs disbudding.

Gold Standard. Creamy ivory yellow. Only ½ trade pkt. 60c. Trade pkt., \$1.00.

Lilac Lavender. Same as Silvery Lilac.

Malmaison Pink. Beautiful shell pink.

Moonlight. Light yellow.

★**Pink (No. 11).** Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem.

★**Rose Pink (No. 14).** A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.

Ruby (Illusion). Rich crimson red.

★**Silvery Lilac.** Lilac lavender.

★**Vaughan White No. 1.** We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence. Trade pkt. only \$1.00 each.

White No. 16. Semi-tall pure white. Only ½ trade pkt., 60c; trade pkt., \$1.00.

Special Florist Mixed. Mixture of the best selling colors.

Each of above except Gold Standard, White No. 16 and Vaughan's White No. 1. ½ Tr. Pkt., 60c; Tr. Pkt. (about 1200 seeds), \$1.00; ¼ oz., \$2.50; oz., \$9.00.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods"

Blue "Pacific"

Chamois "Santa Barbara"

Lavender "Tahoe"

Pink "Monterey"

Each of the above, trade pkt., 35c; ½ oz., 70c; ¼ oz., \$1.25; oz., \$4.40.

Giants of California Mixed. Trade pkt., 25c; ½ oz., 65c; ¼ oz., \$1.20; oz., \$4.00.

Rose Carmine "Sequoia"

Rose "Yosemite"

Velvety Violet (Mojave).

White "Santa Maria"

Yellow "Golden Gate"

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Buttercup. Deep golden yellow.

★**Chamois** Dark Blue **Elk's Pride.** Royal purple.

Flesh. Delicate pink. **Fieri Blood-Red**

Golden Rose ★**Lavender** ★**Lilac** ★**Rose**

★**Shasta.** Vigorous, glistening white. Trade pkt. Oz.

Each of the above..... ½ oz., 65c; ¼ oz., \$1.10 \$0.35 \$3.40

Giant Bismarck, Mixed. All colors..... ¼ oz., 65c .25 2.40



STOCKS NON-BRANCHING COLUMN SILVERY LILAC

Early Colonial. Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual flowers are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose.

Priscilla. Silvery lavender.

Puritan. Pure white.

Rose Standish. Bright rose.

} Each, tr. pkt., 50c.

White Wonder. Tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers closely set and of extraordinary size. Plant 6 by 6 inches and pinch when 6 inches high and then it will bring three long spikes.....

..... ¼ oz., \$1.50; ½ oz., 80c \$0.50 \$5.00

VINCA ROSEA (PERIWINKLE)

This seed should be sown not later than Dec. 1st with bottom heat to secure salable plants in spring. One of the most satisfactory bedding plants. Fresh green foliage and bright flowers all summer. Good cutflower. Vincas do fine in hot, dry weather when most other plants are struggling for life.

Trade pkt. Oz.

White with pink eye..... ¼ oz., 50c \$0.25 \$1.80

Pure white..... ¼ oz., 50c .25 1.80

Soft pink..... ¼ oz., 50c .25 1.80

Bright red, Dark green leaves with red stems..... ¼ oz., 50c .25 1.80

Twinkles. Large flowers of an unusual soft blush pink with a bright red eye..... ¼ oz., 50c .25 1.80

Mixed..... ¼ oz., 50c .25 1.60

Sweet Peas Early-Flowering Spencer

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, 10c.

Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, except where noted otherwise, ½ oz., 30c; 1 oz., 50c; ¼ lb., \$1.40; lb., \$5.00.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.

Blue Bird. Violet blue. Fragrant.

★**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.

Elk's Purple. Long stemmed reddish purple.

Fragrance. Large frilled lavender flowers, fragrant.

★**Harmony.** Most popular lavender, fragrant.

Mariner. Clear mid-blue.

★**Mrs. Herbert Hoover.** Clear blue. Fragrant.

★**Princess Blue.** Rich light blue.

★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.

★**Triumph.** Deep lilac mauve.

★**Twilight.** Long stems and extra large flowers. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers.

ORANGE

★**Ball Orange Improved.**

Fiesta. Brilliant orange cerise. A strong self color almost deep enough to be an orange scarlet. Vigorous grower, definitely sun-proof.

★**Treasure Island.** A sparkling golden orange. Very large flowered and semi-duplexed.

Valencia. Color bright orange, sunproof.

PINK, ROSE AND SALMON

American Beauty. A rich crimson rose on white ground.

★**Apollo.** A soft salmon-cerise. Fine spring bloomer.

Attraction. Bright salmon-pink.

★**Ball Rose Improved.** Extra rich deep rose.

Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.

★**Bridesmaid.** Deep silvery pink with stems unusually long.

★**Boon.** Deep salmon-pink on light cream ground.

★**Daphne.** A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.

Jeanne Mamitsch. Striking pink, shading off to deepest pink.

Josie. Brilliant rose-pink, vigorous, large flowers; long stems.

★**Laddie Improved.** An enormous rose-pink. Fragrant.

★**Mrs. R. H. Holscher.** Rose-pink.

★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white.

Burpee's White. Glistening white, sweet scented.

Gardenia. Fragrant velvety white flowers, ruffled and duplexed.

An easily grown white seeded variety; sow to follow "mums".

★**Hope.** A mammoth-flowered black-seeded pure white.

Oriental. Deep cream, black seeded large flowers.

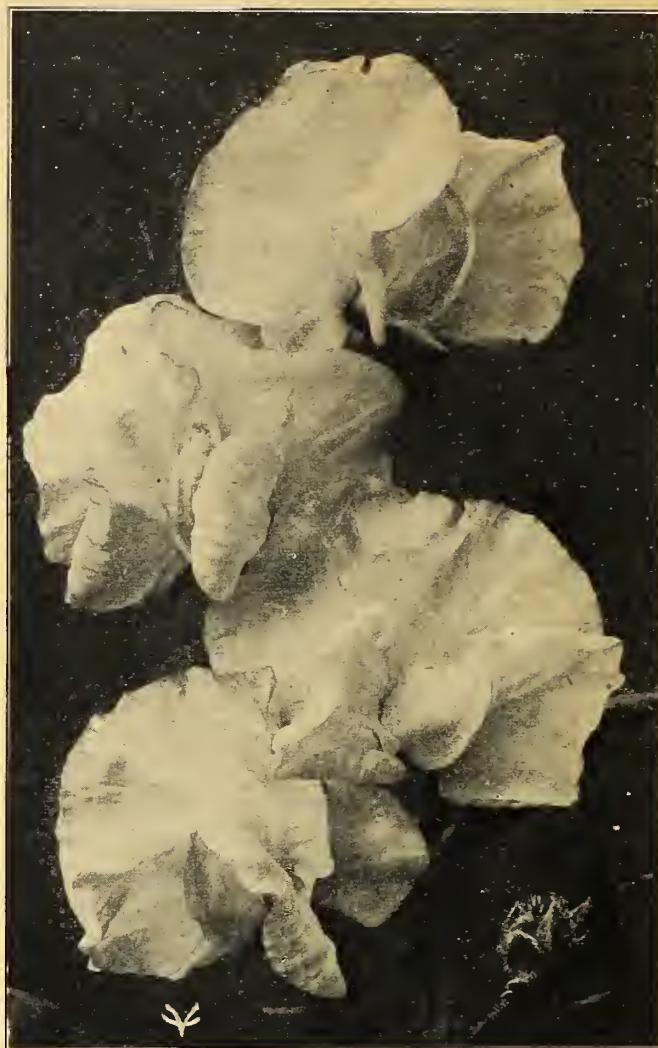
★**Snow Queen.** Pure white, black seeded, opens and retains white color. Sow to follow "mums".

★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.

★**White Harmony.** A standard black-seeded white.

Vaughan's Special Formula Mixture, Early Flowering Spencers

from named sorts. ½ oz., 25c; oz., 45c; ¼ lb., \$1.35; lb., \$5.00.



Type of Our Sweet Peas, Early Flowering Spencer

EARLY FLOWERING SPENCER'S—Continued

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex on long, firm stems. Rich red maroon.

Grenadier. A glowing poppy-scarlet.

Pride. Pure cerise large flowers on long stems.

Redwood. A deep, bright rich crimson.

Sparks. Bright orange scarlet, large flower, daintily frilled standard with wide spread wings.

SPRING-FLOWERING INTERMEDIATE

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

Black Seeded White Improved. Outstanding pure white frilled flower.

Blue.

Clear Pink.

Light Lavender.

Lavender.

Mauve.

Rose-Pink.

Each of above ½ oz., 35c; oz., 65c; ¼ lb., \$2.00; lb., \$6.50.

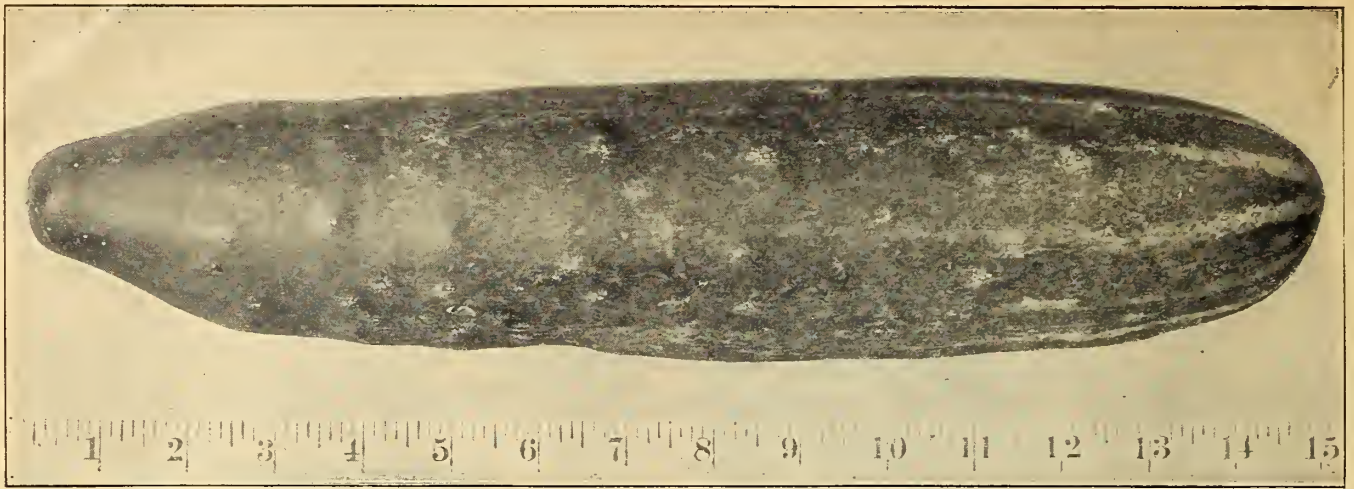
Mixed All Colors. ½ oz., 30c; oz., 55c; 4 ozs., \$1.65; lb., \$5.50.

Fragrant Early Flowering Spencer Sweet Peas

Amethyst.
Blue Bird.

Fragrance.
Harmony.

Laddie Improved.
Mrs. Herbert Hoover.



CUCUMBER "THE VAUGHAN"

Vegetables for Greenhouse Forcing

Many florists plan to devote some greenhouse space to vegetable growing this winter. Reasons for this are numerous, among them the fact that vegetable growing takes less labor, and is done in cooler houses, economizing on fuel.

Demand for greenhouse vegetables is expected to be increased by shipping difficulties and reduced production in the south and west, which will lessen supplies from those centers.

We have long specialized in selected strains of vegetables for greenhouse culture. Such strains are necessary, because conditions are radically different and varieties bred for outdoor gardens cannot be depended upon to succeed in the greenhouse. We list the items most widely grown, and invite inquiry for others which you may wish to produce.

Forcing Cucumbers

The Vaughan. Our best greenhouse forcing cucumber. Very large, excellent slicer, a first quality table variety. Compared to other long white spine types, it is much darker, more uniform in shape and size, thinner and more prolific. It is the ideal American forcing variety, as well as the longest outdoor sort. Pkt., 20c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.



GRAND RAPIDS LETTUCE

Lettuce

Grand Rapids Forcing: Vaughan's Selected Stock for greenhouse use. This is by far the best sort for greenhouse forcing. Growers of leaf lettuce plant this delicious type almost to the exclusion of other varieties. The leaves are light green, tender, daintily curled and crisp. Our stock has been carefully bred for uniformity in type and season.

Vaughan's Extra Selected Stock: Pkt., 10c; oz., 30c; 2 oz., 50c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50.

Grand Rapids Forcing Ohio Strain: Very dark green leaves. Differs from regular strain only in color of leaves. Preferred in some markets. Pkt., 10c; oz., 30c; 2 oz., 50c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50.

Bibb Head: A favorite forcing lettuce in the south and shipped to the northern hotels where it has a reputation for its excellent quality. Smooth leaf, dark green, bleaching to a rich yellow, a small head but of exceptionally high flavor. Pkt., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.



RADISH
IMPROVED
EARLY
SCARLET
GLOBE
VAUGHAN'S
SELECT STOCK

Grow Food for the Wartime Market

Radish

Improved Early Scarlet Globe: Vaughan's Selected Stock. This is the standard red radish for hot bed and forcing use. Very early, crisp, mild and tender; rich, bright scarlet in color, of uniform globe shape. Our strain for forcing is bred with short tops for ease in bunching and is unequalled in the markets. Oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 90c; 10 lbs. or more, 80c per lb.

Tomatoes for Forcing

In the greenhouse each tomato plant should produce at least 18 lbs. of fruit to pay for space occupied. It is, therefore, important that only the heavy yielding sorts should be used. We have selected the best strains possible for production, quality and resistance to verticillium wilt.

Early Chatham: Early red, small vine, very productive. Pkt., 25c; $\frac{1}{2}$ oz., 85c; oz., \$1.50.

Michigan State: Bred to meet conditions in Michigan where there is an excess of cloudy weather. A smooth red tomato and very productive. Pkt., 25c; $\frac{1}{2}$ oz., 85c; 1 oz., \$1.50.

Livingston's Globe: The Chicago market demands a pink tomato like this for the winter and spring months. It is very productive, grown in all sections and is especially recommended by the shippers in the Ohio territory. Pkt., 25c; $\frac{1}{2}$ oz., 85c; 1 oz., \$1.50.

Grand Rapids: A good red sort. Pkt., 25c; $\frac{1}{2}$ oz., 85c; 1 oz., \$1.50.

Globelle: (pink). Pkt., 25c; $\frac{1}{2}$ oz., 85c; 1 oz., \$1.50.

Sureset: (pink). Pkt., 25c; $\frac{1}{2}$ oz., 85c; 1 oz., \$1.50.

Waltham: Certified scarlet fruits, firm, good shippers and do not crack. Pkt., 25c; $\frac{1}{2}$ oz., \$1.35; oz., \$2.50.



TOMATO MICHIGAN STATE

Chives

A perennial herb, a member of the onion family which every garden should grow. The slender, tubular leaves have a delicate onion flavor, just enough to season a green salad when the chopped-up leaves are used. The leaves are used for seasoning. The flowers are a beautiful lavender. Grow plants in paper pots for sale this winter, and to Victory gardeners for transplanting next spring.

Pkt., 15c; $\frac{1}{2}$ oz., 40c; 1 oz., 75c.

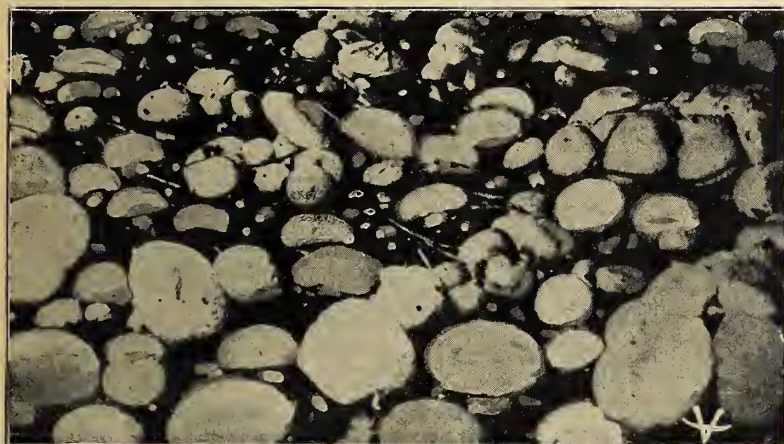
Onion Sets

Egyptian or Red Perennial: For fall planting only. This variety never forms a large bulb; its value lies wholly in its special adaptability to produce green Onions for spring or fall use which are perfectly hardy and stay in the ground all the time. We sell in fall only, to be planted for early spring crop. Lb., 30c; 2 lbs., 50c; 5 lbs., \$1.25; 10 lbs., \$2.00.

Yellow Multipliers: Especially valuable for the first early spring bunch onion. They are very mild and sweet, far superior to the green onions from other sets. There are usually several stalks from a single bulb and in this way they are very productive. Their most important quality is their extreme earliness, being ready for eating ahead of any other kind. Plant in fall and carry through winter as green onions with a straw mulch. Apply mulch immediately the ground is frozen, and remove it in the spring as soon as thawing begins, since the plants will start growth then. Lb., 35c; 2 lbs., 60c; 5 lbs., \$1.35; 10 lbs., \$2.50.



EGYPTIAN OR RED PERENNIAL SETS



MUSHROOMS GROWING FROM STERILIZED BOTTLE SPAWN

Mushroom Spawn

New Spore Culture: One brick will plant ten square feet. Price per brick (weight about 1 lb.) 35c; 5 bricks, \$1.50; 10 bricks, \$2.50; 100 bricks, \$18.00. No. 9 White Alaska Mammoth strain. A very popular sort with market growers.

Sterilized Bottle Spawn: Under ideal conditions of temperature and moisture, loose or bottle spawn will start running sooner and give quicker results than the brick spawn. This spawn is made in glass jars under absolutely sterile conditions, so that every mold weed seed or insect is destroyed and each bottle contains nothing but pure spawn. Full directions on how to grow Mushrooms will be sent with each order. Price per dozen bottles, \$7.50 not prepaid; per bottle, 75c; prepaid within third zone. One bottle covers 35 to 40 square feet. Some of our florist customers have been putting Mushroom Spawn on a late bench of Mums. This gives them plenty for their own use and most times a large quantity to sell. This idea is well worth a try.

Sprayers and Dusters

DOBBIN'S BIGHEAD SPRAYER

5 1/8 diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.



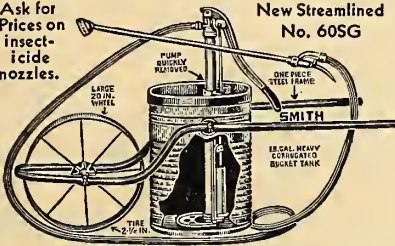
No. 44G
Galvanized tank. Ea., \$7.20.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3 1/2 gallon capacity. Price, Galvanized, \$6.25.

Ask for Prices on insecticide nozzles.

New Streamlined No. 605G



WHEELBARROW SPRAYER

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$25.50. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$39.50.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price, complete, \$16.00.

Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, \$25.95.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 3 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No moving parts to wear out or break. Each, \$5.95.



SINGLE CYLINDER BRASS BUCKET PUMP SMITH STURDY NO. 82 BRASS BUCKET PUMP, develops high pressure on up and down stroke. A handy sprayer for spraying insecticides, whitewashing, etc. Price, each, \$5.95.



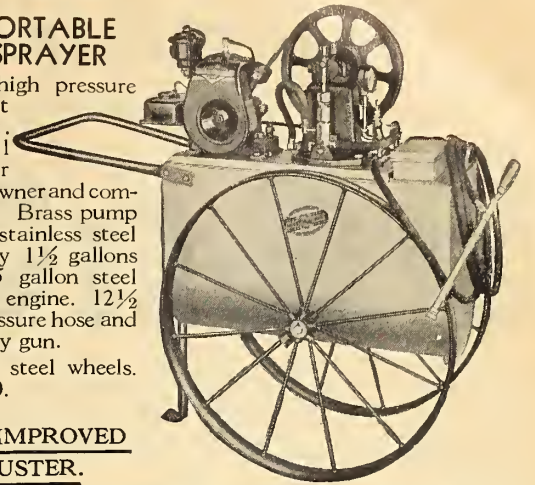
ARNOLD VICTORY SPRAYER, price, each 85c; doz., \$8.00; postpaid \$1.10. This sprayer will handle standard cartridges same as the Garden Hose Sprayer. Price of cartridges, 30c each; doz., \$2.80.

Write for leaflet and prices on Hardie Greenhouse Special Power Sprayer.

SPRAYERS AND DUSTERS—Continued

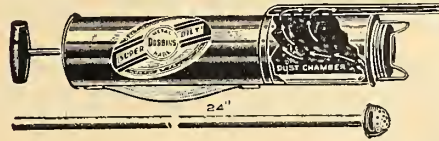
UTILITY PORTABLE POWER SPRAYER

A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity 1 1/2 gallons per minute, 25 gallon steel tank, 1 1/2 H.P. engine. 12 1/2 feet of high pressure hose and adjustable spray gun. No. 3240 with steel wheels. Each \$127.50.



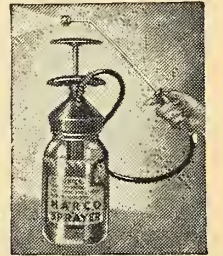
DOBBIN'S IMPROVED HAND DUSTER.

Recommended for applying Pyrethrum, Rotenone, Derris Root. A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity 1 lb., equipped with two-way dust cap. No. 132 Duster, Each.....\$1.35



NEW STREAMLINED HARCO SPRAYER

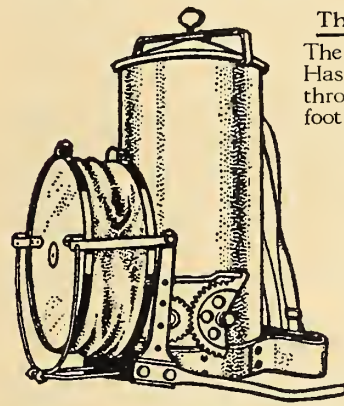
Get Penetrating Spray quickly, easily with this brand new, efficient, easy-to-use Harco sprayer. Harco, plus good liquid insecticide means quick, certain death to garden-blighting insects and destructive fungus pests. Harco's conveniently long extension rod sends a penetrating spray right where it is most needed for effective garden pest control. Each, \$2.35. Six for \$9.60.



The American Beauty Duster.

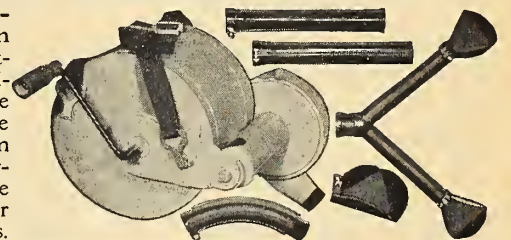
The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$22.50.

Write for leaflet on the American Beauty Dust Sprayer.



CHALLENGE DUST GUN No. 63.

For Dusting Rotenone, Pyrethrum Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Ea., \$19.80.



FEENEY MODEL B DUSTER.

Each, 85c; six for \$4.80.



CYCLONE



POWDER GUNS.

The best dry powder gun for blowing powder on plants and insects. Cyclone each, 25c; doz., \$2.10; Jumbo each, 50c; doz., \$4.20.

JUMBO



Glazing Tools and Materials

VITASPLASTIC TIRE COATING. Prevents cracks in tires, permits retreading. A war discovery. Dries quickly. Makes tires look new. Tire can be used from fifteen to thirty minutes after application. Can also be used on running boards, floor mats, top dressing, rubber hose, shoes, and other rubber items. Price per pint, \$1.00; 8 pints for \$12.00; gallon, \$6.95.

GARLANITE The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.40 per gal.; kegs, 10 and 20 gals., \$2.50 per gal.; 5-gal. kegs, \$2.70 per gal.; gal. cans, \$2.75. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$13.00; 200 lbs., \$24.00; 300 lbs., \$35.00; 500 lbs., \$55.00, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.

MODEL "O" SAFE-TY GLAZING

GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, \$5.50.



VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint.

Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. Per gallon, \$3.50; 5 gallons, \$17.50. Freight prepaid on 10 gallons or more.

Vita Bedding Compound. An excellent elastic compound for rebedding. Gal., \$2.75; 5-gal. pails, \$12.50; 10 gals. or over prepaid.

PUTTITAPE. A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., \$3.50; per 700 ft., \$21.00.

SEAL-A-SEME. For repairing leaky ice cans, galvanized vases and greenhouse water buckets. Easily applied, brine proof. Does not retard refrigeration. Creates an absolutely tight joint that will last for years without further care or attention. 1 lb. can, 85c; 10 lbs., \$7.50.

GLAZING PUTTY, Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., \$2.10; 5 gal. can, \$10.00; 30 gal. drum, \$55.00.

PUTTIROPE. A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., \$1.00; 300 ft., \$2.50. Postpaid, 1,000, ft., \$5.00. F. O. B. Pana, Illinois.

TROJAN ROLLER TYPE

GLASS CUTTER. Doz., \$2.50; each, 25c.



PUTTY KNIFE, No. 120. A very good tool. Each, 45c; 3 for \$1.25.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass. No. 2½. Double thick, for greenhouses and skylights.

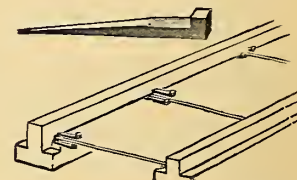
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½. Per lb. (about 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.



SIEBERT'S IMPROVED.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes, 5/8 and 7/8 inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of 5/8 in; over 1,000 points in 1-lb. pkg. of 7/8 in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.25.



Mortite is just as effective for use outside as inside, as it is waterproof, stands weather and can be painted. A superior method for glazing windows and doors for caulking casement. Can be smoothed off with roller and lasts indefinitely. Comes all ready for use on rolls like ribbon for homes, sash, insulating and filling cracks. Box contains enough tape to insulate 5 or 6 windows, price per box, \$1.25; 10 boxes, \$11.00.



ACME TOMATO DUST PUMP GUN. Contains basic copper arsenate. The latest improvement in the insecticide field containing a safe arsenical for controlling the tomato worm and the tomato fruit worm as well as the early and late blight and other fungus diseases which infest the tomato plant. Will not cause worm wilt. A full pound in a pump gun duster package ready to use. Retail 59c each. Ceiling price, per doz., \$4.80; carton of 24 pkgs., \$9.50.



ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retail 59c each. Ceiling price, per doz., \$4.89. Carton of 24 pkgs., \$9.50.

Dusts and Pump Guns



KALITE ROTENONE BUG DUSTER. This practical, efficient duster bag contains a pound of impregnated Rotenone Dust. A practical package for dusting Victory Gardens. Price per carton of 24 1 lb. packages, \$5.40; 4 lb. bags, 12 to a carton, \$5.76 per carton; 25 lb. bags, \$3.00 each.

KRYOCIDE D50 WITH SULPHUR. A combination insecticide and fungicide for chewing insects. Contains natural Cryolite. Retail 50c per lb. Ceiling price per carton of 24 cans, \$7.20; 3 lb. bag retails for 85c; carton of 12 cans, \$6.60.

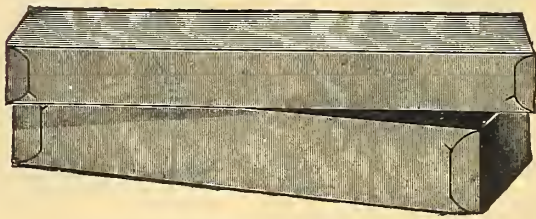
VICTORY GARDEN RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Ceiling price, per carton of 24 1-lb. pkgs., \$7.20. Retail 45c, 5 lb. bag retails for \$1.75. Ceiling price per carton of 6, \$7.00.



KRYOCIDE. Can be used as a spray or dust, highly effective in controlling many chewing insects. Retail 35c per lb. Ceiling price per case of 24 cans, \$5.52.

Supplies for the Florist Shop

CUT FLOWER BOXES



CUT FLOWER BOXES—WHITE

Full Telescope patent coated.

24x5x3 1/2.....	\$7.90 per 100
30x5x3 1/2.....	8.20 per 100
28x8x5.....	12.95 per 100

WHITE CORSAGE BOXES

12x5x4.....	\$6.85 per 100
-------------	----------------

Owing to the uncertainty of the manufacturers making deliveries of our regular grade of green cut flower boxes and gray design boxes, we are not offering these in this book. We may be able to furnish some of these boxes and we refer you to our 1943 catalog for sizes. Our price on these boxes would be the same as 1943 unless the manufacturers are permitted to advance our cost.

Paper—Tissue, Wax

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream. (480 sheets), \$1.50; 10 reams (4,800 sheets), \$13.75; F. O. B. New York, ream (480 sheets), \$1.75; 10 reams (4,800 sheets), \$14.50.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$2.25; F. O. B. New York, 480 sheets, \$2.65.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$2.35; F. O. B. New York, 480 sheets, \$2.75.

Green Wax Wreath Rolls. Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$2.35; 3 boxes for \$6.75.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 8 1/2c.

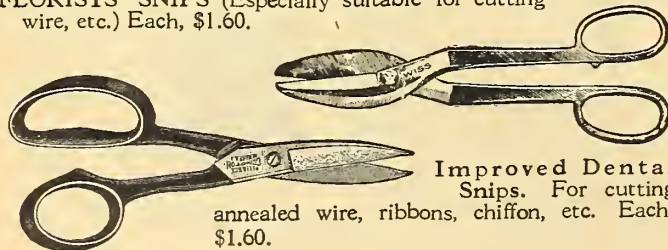
PAPER CUTTERS. 24, 30 and 36-in. Price, complete, \$4.25.



Floraphane. 3/4 inch rolls, colors green, white. Price per roll, 35c; doz. rolls, \$4.00. 1 1/2 inch roll, 70c; doz., \$8.00.

Scotch Cellulose Tape Transparent 1/2 in. wide, price per roll \$1.08; 12 rolls at 98c per roll.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, \$1.60.




Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.60.



Handsome, Colorful Counter Displays


FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons; 25 2-qt. size, \$1.25; 100 2-qt. size, \$5.



Makes Cut Flowers Last Longer
PATENTED
Floralife
THERE IS ONLY ONE FLORALIFE
ACCEPT NO SUBSTITUTE

Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

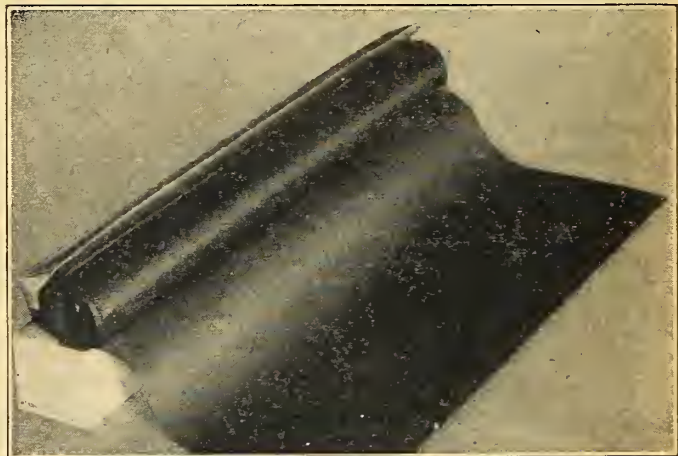
Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer!



BULK SIZES

30-qt. size (\$1 retail).....	\$ 6.60
100-qt. size (\$3 retail).....	1.75
250-qt. drum (10 lbs. net).....	4.00
500-qt. drum (20 lbs. net).....	7.50
1000-qt. drum (40 lbs. net).....	13.50
2000-qt. drum (80 lbs. net).....	25.00

FLORALIFE IN BULK



NEW SATIN SHEEN FLOWER POT WRAP

The new economical and attractive covering for pot plants. Can be had in green, gold, red, fuchsia, orchid, purple, blue and silver shades. Put up in rolls 20-inches wide, 50 ft. long. Price per roll, \$1.10; 5 rolls for \$5.00; 10 rolls for \$9.50.

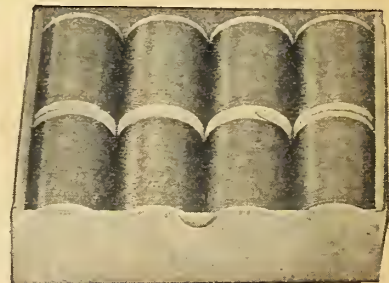
TWINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$3.75.

Write for prices on larger quantities.

Florists' Thread, Green. Best brand. Similar to Silkline, 8 spools to a box. Per lb. box, \$1.20.

Green Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, \$1.10; 5 boxes at \$1.05 per box.

Green Twine. 2 lbs., per cone, \$2.00; 3 cones for \$5.75.



UNWIRED PICKS.

4-inch Green.....	Box of 4,000	\$2.00
6-inch Green.....	Box of 3,000	2.00

Greenhouse and Florists' Supplies

Prices quoted in this catalogue are subject to change without notice, owing to the unstable condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.



No. 5A Each 3 for
 Budding, No. 5A. Black handle; brass lined . . . \$2.25 \$6.50
 Budding, Beech Wood Handle. Per doz., \$4.5045 1.25



No. 801 Each 3 for
 Budding, Aluminum Handle (Imported), No. 801 . . . \$2.25 \$5.50
 Propagating, No. 1011. Aluminum handle (imported).
 Each, \$2.25; 3 for \$5.50.



Vaughan's Florist Patterned after Henckel's which cannot be had.)
 Each
 Vaughan's Florist—3 for \$3.75 \$1.35
 Putty Knife—No. 120, a very good tool; 3 for \$1.25 . . . Each, .50
 Pruning, Stag handle Each, 2.25
 Schrades Heavy Perfect Pruning Knives No. 123EW, similar to
 Henckel No. 3C Each, \$2.50



Vaughan's Budding and Prop.,
 No. 86281, with Brass Caps, each,
 \$1.35; doz., \$14.40.

White Handle, No. 83023W, silver nickel
 shackle for chain attach.
 Each, \$1.35; 3, \$3.75.

CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

CARDS WITHOUT CABINET.

250 assorted at \$1.25 | 1000 assorted at \$3.50
 500 " " 2.00 | 2000 " " 6.75

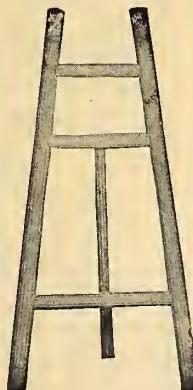
WHITE ENVELOPES, PLAIN. Size 2 1/2 x 4 1/4", packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.



WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.
36 inch	40c
42 inch	45c
48 inch	55c
54 inch	60c
60 inch	65c
66 inch	70c



RUBBER APRONS.
 Lightweight.

Labels for Plants Pots and Gardens

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3 3/4 x 3/4 inches. Price per 100, \$1.50.

COPPER LABELS. Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

EVERLASTING ZOREX LABEL.

A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 60c; 500 for \$2.25.



LABELS (Pot).

We carry the best quality of Wooden Labels made. They are smooth, strong and neat, 5/8 inch wide. When ordering, specify pot labels or garden stakes, painted or plain.

	Pot Label		
	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch	1000	\$1.90	\$2.35
5-inch	1000	2.25	2.60
6-inch	1000	2.40	3.10
8-inch	500	3.75	4.50
10-inch	500	4.75	5.60

GARDEN STAKES

8-inch—3/8 inch wide	250	6.25	7.00
10-inch—3/8 inch wide	250	7.25	8.00
12-inch—1 1/8 inch wide	1000	9.00	11.00

LABELS (Tree). Wooden, 3 1/2 in. wired. Per 1000, plain, \$2.25; 5,000 to 9,000, per 1,000, \$2.15; painted, per 1,000, \$2.85; 5,000 to 9,000, per 1,000, \$2.75.

WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



GARDEN CHIEF MARKERS. Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, put up in display carton of 12 markers, price 50c; per doz. pkgs., \$3.80.

IT WEARS A CAP A New Weatherproof METAL PLANT MARKER

USE A PENCIL - No fade-out of your markings. Beauty, Strength, Permanence. Made of metal; green baked enamel finish.

Slip-over fool-proof metal cap with non-shatterable transparent window.

Stake 7" long; ample white marking space 2 1/2" x 1 1/4".

12 markers	\$0.90
25 markers	1.75
50 markers	3.35



GARDEN CHIEF TREE OR SHRUB MARKER.

4-inch copper wired. Per 100, for \$1.75; 500, for \$8.00.

REEDS AND RAFFIA

REEDS. Extra White, prime quality.

	Per lb.	5 lbs.	Per lb.	Per lb.	5 lbs.	Per lb.
No 1	\$0.85		\$0.80	No 5	\$0.65	\$0.60
No 2 . . . . .	.80		.75	No 6 . . . . .	.60	.55
No 3 . . . . .	.75		.70	No 7 . . . . .	.60	.55
No 4 . . . . .	.70		.65	3/8-inch Flat . . . . .	.75	.70

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 75c; 5-lb. lots, per lb., 72c; 10-lb. lots, per lb., 70c; 25-lb. lots, per lb., 68c; 100 lbs., per lb., 66c. Bale lots (about 225 lbs.), per 100 lbs., \$64.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 95c; 5 lbs. at 90c; 10 lbs. at 85c; 25 lbs. at 80c. Samples on application.

Above prices subject to change without notice.

Jardiers and Vases—Thermometers

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinières. Save time and labor over other methods of trim.

JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery—Stucco Effect



Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5 1/4 in.	100	\$ 8.00
No. 5.....	6 1/4 in.	80	10.00
No. 6.....	7 1/4 in.	50	13.00
No. 7.....	8 1/4 in.	35	20.00

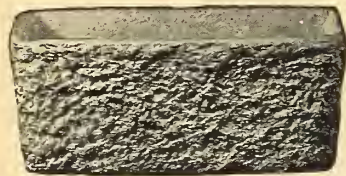
(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4 1/2 inches high. \$20.00 per 100, packed 50 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for shortstemmed flowers.

THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-

aerating—same as Jardier Vases—stimulating plant growth.

No. 4—12 in. long—5 in. wide—4 1/2 in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green **Special Color**—White with Gold Trim.

JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.



Colonial

THE COLONIAL

Standard Colors—Green with Duo-Tone Finish. **Special Colors**—White with Gold Trim.

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.

FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.



Inside Top Diameter	Depth Inside	Price, Each	Inside Top Diameter	Depth Inside	Price, Each
No. 1. 7 in.	6 in.	\$0.70	No. 9. 14 in.	13 in.	\$1.85
No. 2. 7 in.	7 in.	.75	No. 11. 16 in.	15 in.	2.10
No. 3. 8 in.	8 in.	.80	No. 13. 18 in.	17 in.	2.95
No. 7. 12 in.	11 in.	1.20	No. 14. 19 in.	18 in.	3.50

If handles are required, add 45c per tub.

JARDIERS, VASES, BULB BOXES, AND PLANT TUBS not available for immediate delivery. Orders for these items will be filled as soon as we can procure this merchandise.



TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture. We can supply "Sunny Jim," with seed, per doz., \$3.00, packed 24 to a carton at \$5.80 per carton. Retail at 40c each.

We can also supply the larger heads, "Buddy" with seed at doz., \$3.85; per carton of 24, \$7.20. Retail at 50c.

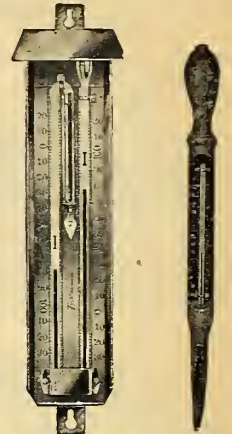
THERMOMETERS. Tin Case.

Standard grade (tested). 12-in., Standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$2.75; 3 for \$7.50; doz., \$28.80.

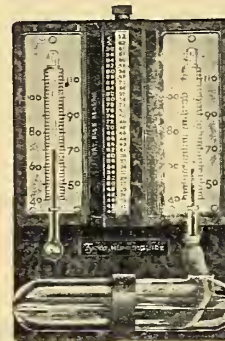
Self Registering Tycos. No. 5452,

with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, \$8.00.

Hotbed (Mushrooms). All glass heavy paint each \$1.25; 3 for \$3.50.



Self Registering Hotbed



No. 5534 HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, \$4.50. Wicks for Humidiguide, per dozen, \$1.00.

Standard Recording Thermometer No. 200.

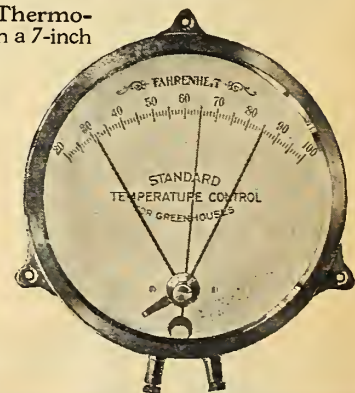
Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$50.00.

Standard Greenhouse Thermostat. No. G. H. 4,

arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$18.00. Shipping weight, 4 lbs.

Standard Greenhouse Thermostat. No. G. H. 3,

enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$12. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work

because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for \$1.45; doz., \$5.40; retails at 60c each.



Hotbed Supplies, Pots and Hormones

Write for prices on Hotbed Sash.

HOTBED MATS

For protecting Hotbeds, made of poplin material, vat dyed and Sanforized to make them damp proof, 40x76" price each \$4.50, dozen \$45.00; 76x76" price each \$6.50, dozen \$66.00.



5 roll lots at \$7.40 per roll; when purchased for re-sale, in 5-roll lots, \$6.20 per roll.



Prices on pots subject to change without notice

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

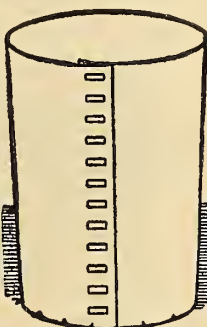
Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.55	\$ 3.60	\$ 3.75	1,000	10 lbs.
2 1/4	.60	3.70	3.90	1,000	12 lbs.
2 1/2	.70	3.95	4.10	1,000	16 lbs.
3	1.10	4.60	4.80	1,000	24 lbs.
3 1/2	1.15	5.90	6.10	1,000	34 lbs.
4	1.30	7.20	7.20	500	46 lbs.
5	1.85	9.65	9.65	500	75 lbs.
6	2.40	12.50	12.45	500	102 lbs.

NEPONSET GREEN POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Per Case	Per Carton	Price per
inch	Quan.	Shipping Wt.	Carton
2	1,000	14 lbs.	\$ 6.75
2 1/4	1,000	16 lbs.	6.95
2 1/2	1,000	22 lbs.	8.00
3	1,000	28 lbs.	9.35
4	500	26 lbs.	6.50
5	500	44 lbs.	9.25
6	500	62 lbs.	12.40

CLOVERSET PLANT POTS. An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.

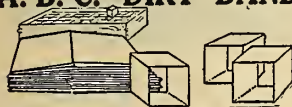
Standard Heavy Weight Cloverset Pots	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
No. 1	52 lbs.	4.50	38.60	35.00
2	77 lbs.	5.25	44.00	40.00
3	88 lbs.	5.60	49.50	45.00



Cloverset Plant Pots

Special Light Weight Cloverset Pots	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
No. 0	15 lbs.	\$2.25	\$20.00	\$18.50
1	18 lbs.	3.25	29.00	27.50

A. B. C. DIRT BANDS



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1 1/4 x 1 1/4 x 2 1/4	12 lbs.	\$2.40	\$2.15 per 1,000
2 x 2 x 2	10 lbs.	2.25	2.00 per 1,000
2 x 2 x 2 1/4	13 lbs.	2.50	2.25 per 1,000
2 1/2 x 2 1/2 x 2 1/2	15 lbs.	2.75	2.45 per 1,000
3 x 3 x 3	22 lbs.	3.10	2.75 per 1,000
4 x 4 x 3	26 lbs.	3.75	3.40 per 1,000

WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Packed 1000 to carton.

Size	Weight per 1000	Price per 1000
2 x 2 x 3	16 lbs.	\$3.65
2 1/2 x 2 1/2 x 3	20 lbs.	3.90
3 x 3 x 3	21 lbs.	4.25
3 x 3 x 4	32 lbs.	4.50
4 x 4 x 4	40 lbs.	5.25



Saves labor when potting. Prevents drain from clogging, thus promoting better plant growth. Easily installed at any time. Will

not shift around. Placed in pot with points down. Size 1 7/8 in. dia., 22 ga. steel. Fits 3 1/2 to 7 inch pots. Shipping weight 24 lbs. per 1000. Prices 500 for \$6.00, 1000 for \$10.00, 5000 for \$45.00, 10,000 for \$85.00. Sample on request.

Hormones

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

- No. 1 Powder 1 3/4-oz. tin, each, 50c; 1b., \$3.00.
- No. 2 Powder 1 3/4-oz. tin, each, 75c; 1lb., \$4.50.
- No. 3 Powder 1-oz. tin, each, \$1.00; 1/2 lb., \$4.50.

ROOTONE

PATENTS PENDING

A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/4-oz. pkt., 25c; doz., \$2.00; 2-oz. jar, enough to

treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet, all postpaid.



Rootone No. 10. For show-to-root evergreen cuttings. 2 oz., \$2.00. 1 lb. \$10.00.

Transplantone For treatment of transplants of all kinds, it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1/2 oz., pkt., each, 25c; doz., \$2.00; 3 oz., \$1.00; 1 lb., \$4.00.

Fruitone. The hormone spray for stopping harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2 1/2 oz. pkt. dozen, \$2.00, retails at 25c per pkt.; 2 oz., \$1.00, (makes 25 gal. spray); 12 oz., \$5.00. Write for price on larger quantities.

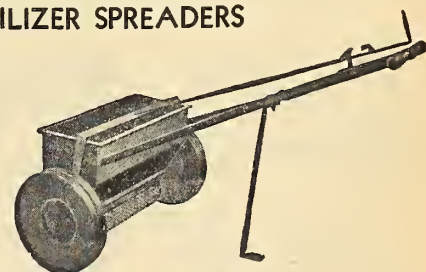
Mackwin Vitamin B1. The bottle has a dropper top 2-oz. bottle, each \$1.00; display box of 12 bottles, \$7.33.

Mackwin Vitamin B1. A display card of 24—1/2 oz. bottles of liquid vitamin B1. Price \$5.30; retails at 35c each.

Stimroot. An improved rooting compound which has been developed after extensive testing by a well known research organization. It contains several different hormone-like chemicals in sufficient quantities to produce root stimulation in the hard type of cuttings, and still is safe to use on the softer, more easily injured plants. Also contains a fungicide that helps retard the development of many kinds of fungi that contribute to the rot of cuttings while in the cutting bench. It is so formulated that a small amount of dust will effect a complete and even coating on each cutting. In this way a pound of dust will go further. Price, 1/4 oz. packet retails at 25c, per dozen \$1.80; 2 oz. retails at \$1.00, per dozen \$7.20; 1 lb., \$5.00.

FERTILIZER SPREADERS

For Lawns, Gardens, Parks and Golf Courses. Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle. Small Model B Spreader 14", each \$3.25.

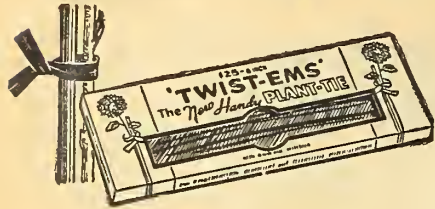


- Junior Spreader, 16", capacity 35 lbs., each \$7.45.
- Standard Spreader, 24", capacity 65 lbs., each \$15.35.
- Special Heavy Spreader, 36", capacity 100 lbs., each \$22.80.

RAYFLEX BLADES

These blades are ever sharp, unbreakable and need no sharpening. They are in constant use in leading golf clubs, cemeteries, etc. Will fit any mower with removable bed-knife, either screwed or riveted. Comes in sizes 14", 16", 18" and 20". Price \$2.00 each, 3 for \$5.00.

Plant Supports

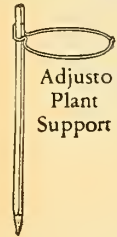


TWIST-EMS

New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come un-

fastened. Tape protects stem against injury. For tomato plants and other vegetable crops. Only made in two utility sizes, 7" and 16", put up 250 to a bundle. 7", per 1000, \$1.25; 16", per 1000, \$2.25.

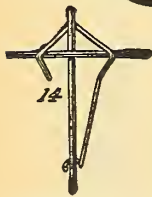
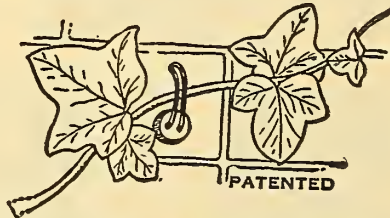
ADJUSTO PLANT SUPPORT



Has a unique self-locking adjustable feature causing the hoop to positively stay where put, yet it can be instantly adjusted to any height desired. The heavy green painted wood stake $\frac{7}{8}$ inch square will stand firmly in the ground. The hoop is of 8 gauge galvanized wire, 13 inches in diameter, and may be opened up to put around large plants. 3 ft., doz., \$2.50; 4 ft., doz., \$2.90; 5 ft., doz., \$3.20; extra wire hoops, doz., \$1.35.

WAYWARD VINE GUIDE AND SUPPORT

For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc. on Brick, Stucco, Stone and Cement Walls without Defacing. No Nails—No Holes. Price, box of 25, including cement, 80c; 12 pkgs. for \$7.80.



PLANT TIES Lighting Wire. Per box of 1,000, \$2.00; 5 or more boxes, \$1.95 per box. Shipping weight per box, 2 lbs.

LIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

STAKE FASTENERS. Everlasting, packed 500 to a box, per box, \$1.30; 10 boxes or more, \$1.20 each.

GRAFTING WAX. Per $\frac{1}{4}$ -lb. bar, 20c; $\frac{1}{2}$ -lb. bar, 30c; 1 lb., 55c.

UTILITY VICTORY GARDEN STAKE

A sturdy hard wood stake 3 ft. long, over 1" diameter with pointed end. Has 2 holes to support rows of white ordinary clothes line or wire over $\frac{1}{4}$ " diameter. Handy for circling trees and ornamental shrubs to repel dogs and prevent trespassing. Painted green to harmonize with lawn and garden. Can be used as a plant stake and can also be used on newly seeded lawns and flower beds. Pkg. of 4, retails at 45c; 12 pkgs. for \$3.60.



Clothes line size hole

JUMBO SIX FT.—3 TIE DAHLIA STAKE

For Dahlias, Gladiolas, Young Fruit Trees, Vines, Pole Beans, Giant Peas, and a score of other needs. Purposely made for any Garden purpose. Made of rugged hardwood with 3 ($\frac{1}{4}$ " holes to regulate respective heights of tall growing flowers, vegetables, plants and vines. Retails at \$2.50; per doz., \$2.00; 6 doz., for \$10.00.

Plant Stakes—A Full Line

Wood Stakes, Green Painted

Medium weight pointed.
3 ft., per 100, \$5.50; 4 ft., per 100, \$8.50; 5 ft., per 100, \$10.95.

Wood Stakes, Green Painted, Heavy Grade

4 ft., per 100, \$10.95; 5 ft., per 100, \$12.95; 6 ft., per 100, \$15.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	F. O. B. New York Per 1000	Per Bale of 2000	F. O. B. New York Per 100	F. O. B. New York Per 1000
1 1/2 feet.....	\$0.90	\$4.95	\$ 9.40	\$0.90	\$4.95
2 feet.....	1.20	6.25	11.00	1.20	6.25
2 1/2 feet.....	1.35	8.00	15.50	1.35	8.00
Natural. 6 ft.....	2.40	16.50	.....	.....	16.50
3 feet.....	1.65	8.95	17.40	1.65	8.95
3 1/2 feet.....	2.25	9.85	18.90	2.25	9.85
4 feet.....	2.45	11.50	21.50	2.45	11.50

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. Chicago Per 100	F.O.B. New York Per 100
4 ft.	1/2 to 5/8 inch.....	\$8.00	\$8.25
4 ft.	5/8 to 3/4 inch.....	8.50	8.75
5 ft.	5/8 to 3/4 inch.....	9.50	9.00
6 ft.	5/8 to 3/4 inch.....	10.50	10.00
8 ft.	5/8 to 3/4 inch.....	12.50	12.00

Galvanized Wire Stakes Made of No. 8 Wire

	Per 100	Per 500	Per 1000
4 ft.....	\$2.75	\$12.25	\$22.00
5 ft.....	3.50	15.50	25.75
6 ft.....	4.20	16.75	29.95

We may be in position to furnish smaller sizes about March 1st.

Letters and Figures

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4 1/2c.



GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, \$1.95; per 1,000 words, \$16.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1 1/4 in. Per 100, 25c; per 1,000, \$2.25.

Protective Materials

GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, \$6.50; three cartons for \$18.75.



Write us for prices on Hotbed Heating Cable and Thermostats.

MILL CREPE DUPLIX TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 47c; 5 rolls for \$2.25; 10 rolls for \$4.20; 25 to 49 rolls at 39c roll.



Rubber Hose, Couplers, Nozzles, Etc.

Vaughan's 3/4" Water Hose

This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length. 5/8 in. Single Braid Hose. Price per 50 ft. length \$4.50.

Price 3/4 or 1/2-inch couplings 35c per set; sample mailed free if desired.



SPRAY HOSE. For high pressure spraying. 3/8-in., per ft., 26c; 1/2-in., per ft., 30c.

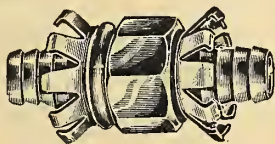
HOSE COUPLING, Improved Ever-Tight. No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 60c; doz., \$6.00.

HOSE STRAPS, Caldwell. For 1/2, 3/4 and 1-inch hose. Dozen, 40c; gross, \$3.75.

PLASTIC CLINCHER HOSE COUPLING. Tight grip, will not leak, easily applied. Made with dark green plastic body. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 35; doz., \$3.60.



Plastic Clincher Hose Mender
Price each, 15c;
doz., \$1.20.



GARDEN CLUB PLASTIC ADJUSTABLE HOSE NOZZLE.



Dark red finish. Adjustable for sprays, streams and shut-off, leak proof. It is a satisfactory wartime substitute for standard brass nozzle. Each, 75; per doz., \$6.00.

HOSE WASHERS. 3/4-inch. Doz., 10c; gross, 50c.



SOIL SOAKER

Irrigation hose for deep soaking. No. 0—12 ft., each, \$1.15; six for \$5.75. No. 1—18 ft., each, \$1.50; six for \$7.90; No. 2—30 ft., each, \$2.25; six for \$11.90; No. 3—50 ft., each, \$3.50; six for \$19.50.

EROSIONET

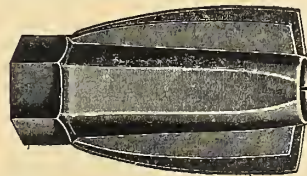
Use Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it almost invisible. Can be removed when grass becomes 2 1/2 in. high. Width, 45 inches. Price per yd., 12 1/2c; 100-yd. lots, 12c per yd.; rolls of 250 yds., 11c per yard.



MIST-IC FANSHAPED FLAT SPRAY



Made of plastic—light in weight and easy to handle, this slotted nozzle throws a perfect spray, and even fine fan-shaped flat spray that is just what gardeners want and need. Each, 50c; doz., \$4.00.

NOZZLES FOR SPRAYING INSECTICIDES & FUNGICIDES.

Bordeaux Nozzle to fit a standard 1/4-inch thread adjustable from fine spray to stream. Each, \$1.25.

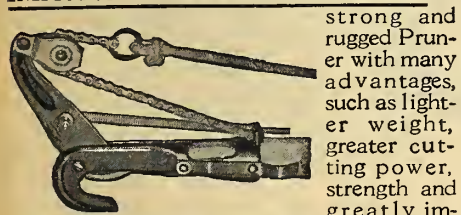
Vermorel Nozzle, non-clog, to fit 1/4-inch thread. Each, \$1.25.

Auto Pop Nozzle, including automatic shut-off. Each, \$1.50.

Nozzle only, without shut-off, each 75c.

PRUNING TOOLS

IMPROVED TELEPHONE PRUNER. A



strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly im-

proved spring action which eliminates spring breakage. No. 12 cuts 1 1/2-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.75. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$11.50. No. 12 Pruner head only, \$6.50. Price complete with head pole and two 6-ft. extension poles, \$18.00.

TREE PRUNERS. Waters' 6-ft., \$2.25; 8-ft., \$2.75; 10-ft., \$3.00; 12-ft., \$3.25. Extra blades, each, 30c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$9.25.



CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, \$3.50.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each \$1.60; 24 inch handles, each \$1.95.

SAWS (Atkins) Double-Edged Pruning.

18-in. . \$1.65 



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$2.50; 3 for \$7.25.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.35; 3 for \$6.75.

Utility Speed Pruning Saw. Length 26 inches, curved blade. Each, \$4.25.

Vaughan's High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash.

NOTE—These prices are f. o. b. New York

ADCO ARTIFICIAL STABLE MANURE. Ceiling prices, 7½ lbs., 85c; doz., \$8.40; 25-lb. bags, \$2.00; 150-lb. bags, each \$10.50.

ALUMINUM SULPHATE. For creating acid conditions in the soil. Ceiling prices, 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$16.00.

AMMONIUM NITRATE. 32% nitrogen, a good substitute for nitrate of soda and goes twice as far, 100 lbs., \$3.50.

VAUGHAN'S SPECIAL ROSE GROWER BONE MEAL. "Rose Grower." This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 percent; total phosphoric acid, 20 percent. Ceiling prices, 100 lbs., \$4.00; 1,000 lbs., \$35.00.

BACTO BACTERIAL COMPOSITION. Makes fertilizer out of garbage, sewage, leaves, garden rubbish, sawdust, etc. Cheaply and quickly deodorizes outdoor toilets. Ceiling prices, 5 lbs., \$1.45; 20 pkgs. for \$19.80; 25 lb. bag, \$4.25; 4 bags for \$13.20; trial size of 10 4-oz. pkgs., \$2.50.

BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Ceiling prices, 100 lbs., \$3.25; 1,000 lbs., \$30.00; 2,000 lbs., \$58.00.

CATTLE MANURE, Shredded. High grade natural fertilizer. Ceiling prices, 100 lbs., \$2.25; 1,000 lbs., \$22.50; 2,000 lbs., \$44.50.

DRICONURE. A good fertilizer with a peat moss base impregnated with a high grade manure. Ceiling price, 50 lb. bag, \$1.90.

DRIED BLOOD. Ceiling price, \$7.50.

HYPONEX PLANT FOOD. For growing plants in soil, sand or water. Ideal for starting seeds and cuttings. 1 teaspoon makes a gallon of plant food; 1 lb. makes 100 gallons. Ceiling prices, 25c size 36 to carton, \$6.00; \$1.00 size 12 to case \$8.00; 10 lb., \$5.35; 25 lbs., \$10.00.

FULTON'S PLANTABBS. Odorless plant food in tablet form; supply a complete balanced plant food including Vitamin B-1. Put up in boxes. Ceiling prices, 10c size, doz., 72c; 25c size, doz., \$2.00; 50c size, doz., \$4.00; \$1.00 size, doz., \$8.00; \$3.50 size, each, \$2.35. Special discount of 5% on orders totaling \$6.00 to \$12.00; 10% on orders over \$12.00.

GRANULATED PEAT MOSS (Imported). Per bale of about 22 bushels, Ceiling price, \$3.50. Write for quantity lot prices. ½ bales, \$2.25.

ELECTRA. (F. O. B. Massachusetts). A great favorite with private gardeners and commercial growers. High in organics. Ceiling price, 100 lbs., \$6.75.

HORN DUST. Has same effect as Horn shavings except it is immediately available. Ceiling price, 100 lbs., \$6.50.

HORN SHAVINGS, Synthetic. Quick acting and lasting. 100 lbs., \$6.00.

LEAF MOLD. Sifted re-cleaned, put up in two bushel bag. Ceiling prices per hundred lbs., \$3.00; 1000 lbs., \$25.00; 2000 lbs., \$40.00.

ORCHID PEAT. Ceiling prices, two bushel bag, \$3.50 each.

SHEEP MANURE, Vaughan's Pulverized. Pure, dry, finely ground. Ceiling prices, 25 lbs., 80c; 50 lbs., \$1.25; 100 lbs., \$2.15; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

SUPERPHOSPHATE. 20% available. Ceiling prices, 100 lbs., \$2.00; 1,000 lbs., \$14.00; 2,000 lbs., \$26.00.

UREA. A highly concentrated fertilizer, containing 46% available nitrogen. Clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. 92 times stronger than manure. Ceiling price, 100 lbs., \$7.50.

Due to war conditions and limited supply of Fertilizer and materials, we are unable to list all those items that we have been selling for many years. But some may be available from time to time. We would, therefore appreciate your inquiries on all your requirements. All such inquiries will be answered the same day received.

AGRICO. For Lawns, Trees, Shrubs and Flowers, 10-6-4. Ceiling prices, 5-lb., packed ten to a bale, each, 30c; retails at 45c; 10-lb. packed six to a bale, each, 53c; retails for 85c; 25-lb., packed four to a bale, each, \$1.00; retails at \$1.50; 50-lb., two to a bale, each, \$1.70; retails for \$2.50; 100-lb., \$2.75; retails for \$4.00.

AGRICO VICTORY GARDEN FERTILIZER. For production of food only. Ceiling prices, 10 lb., packed six to a bale, each, 53c; retails for 80c; 25 lb., packed four to a bale, each, \$1.00; retails for \$1.40; 50 lb., packed two to a bale, each, \$1.55; retails for \$2.20; 100 lb., each, \$2.50; retails for \$3.50.

AGRICO. For Commercial Growing. 4-12-4. A well balanced fertilizer for the commercial grower, can be used on practically everything in Greenhouse forcing or outside—neutral in its reactions. Ceiling prices, 100 lbs., \$2.70. On all Agrico we will prepay delivery on 500 lbs. or more and will allow an additional 5% Discount for ton lots.

VIGORO. A specially prepared plant food. It contains all elements plants need for healthy growth. Ceiling prices, 5 lbs., 29c; retails for 45c; 10 lbs., 56c; retails for 85c; 25 lbs., \$1.00; retails for \$1.50; 50 lbs., \$1.70; retails for \$2.50; 100 lbs., \$2.75; retails for \$4.00. 500 lbs. delivered free to your railroad station within 500 miles of New York.

VIGORO VICTORY GARDEN FERTILIZER. 5-10-5. For production of food only. Ceiling prices, 5 lbs., 35c; retails 50c; 10 lbs., 56c; retails for 80c; 25 lbs., \$1.05; retails for \$1.45; 50 lbs., \$1.70; retails for \$2.35; 100 lbs., \$2.70; retails at \$3.70.

VIGORO FERTILIZER TABLETS. 24 tablets per box, 30 boxes in display case. Ceiling prices, case at \$1.80, retails at 10c each.

ARMOURS SPECIAL ORNAMENTAL FERTILIZER. For flowers, lawns, trees, and shrubs, 6-12-4. Ceiling prices, 25 lbs., \$1.00, retails at \$1.50; 50 lbs., \$1.70, retails at \$2.50; 100 lbs., \$2.75, retails at \$4.00.

ARMOURS VICTORY GARDEN FERTILIZER. For production of food only. Ceiling prices, 25 lbs., 85c; retails \$1.25; 50 lbs., \$1.45, retails for \$2.15; 100 lbs., \$2.40; retails for \$3.50.

PALCO PETE'S MULCH—A finely shredded Redwood Bark. As a protective top surface covering, Palco Pete's Mulch blankets lawns and soils from scorching rays of the sun thereby holding precious moisture in the ground. As a winter mulch it protects roots and bulbs from damaging frosts. It will last all winter. Then in the spring condition your soil by raking it in. Retails at \$2.35 per bag of 3½ cubic feet. Full directions printed on the bag. Price in 5 bag lots \$1.85 each, 10 bag lots at \$1.75 each, 25 bag lots at \$1.70 each. Write for price in larger quantities.

POULTEK FERTILIZER. 4-3-2. All organic no restrictions; may be used on Lawns, Trees, Shrubs, Ideal for Vegetables, and all plants inside and outside; packed in 25 lbs. and 50 lbs. only. Ceiling prices, 25 lb., \$1.00; retails for \$1.50; 50 lbs. costs \$1.75, retails for \$2.50.



KEM LIQUID PLANT FOOD

Best and Safest Summer Food for Plants and Lawns

A complete balanced ration for plants, a nutrient solution containing all essential elements, Nitrogen, Phosphate, Potash, including Calcium, Boron, Sulphur, etc., merely dilute Kem solution with hydrant water. Ceiling prices, house plant size retails for 25c; 2 doz., to case, \$4.00; 50c size, 12 to case, \$4.00; \$1.00 size, 4 to case, \$3.00. Write for price on larger containers.

SOIL TESTERS

The Sudbury Horticultural Soil Test Kit, \$9.75

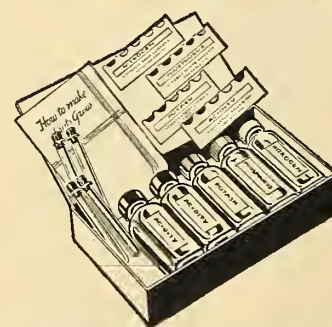
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.

*Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

The Sudbury Improved Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, \$22.50.



The Sudbury Home Gardener's Soil Test Kit, \$1.50



This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenskeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

*The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, \$1.50; six for \$8.00.

Testing Fluid for Refill—Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$3.85; 3 for \$9.48.

Bowls For Growing Bulbs



No. A. Pottery Bulb and Flower Bowl Assortment. This assortment consists of the following: 15-6" bowls, 15-7" bowls and 6-8½" bowls. The assortment retails for about \$15.00 and comes in assorted colors of yellow, blue, old rose and white. Price per complete assortment \$10.80.

F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green.
6-in. diam., doz., \$2.95; 7-in. diam., doz., \$3.90; 8½-in. diam., doz., \$5.40.

Pearl Chips and Prepared Bulb Fibre

For growing Bulbs in Bowls and Pots.

Bulb Fibre. Prepared for growing Bulbs in bowls at 10 lbs., 85c; 25 lbs., \$1.60; 100 lbs., \$4.75.

Pearl Chips, White, for growing Bulbs in bowls at \$2.75 per 100 lbs.

Pearl Chips, Colored, \$3.00 per 100 lbs.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.



...THE EASY WAY

Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot". Safe, sure, efficient aids to hunters in "un-treering" holed-up woodchucks, raccoons, etc.

Packed two dozen to an attractive display carton, weight 2½ lbs. Invaluable in Nursery and Greenhouse. Price per carton, \$1.50; six cartons for \$8.00.



KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a ½ H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length.....38"
Width.....22"
Height at discharge end.....36"
Height at hopper.....33"
Weight.....2001 lbs.
Power.....½ H.P.
Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$100.00
(F. O. B. Erie, Pa.)

Write for prices on other sizes.

KEMP SOIL SHREDDERS

No. 5 powered with ¾ H.P. Peerless electric motor with switch and 25 ft. of cord.....\$200.00

No. 5 powered with 1 H.P. Briggs and Stratton gas engine.....210.00

No. 5 less engine or motor.....165.00

No. 1 powered with either 2 H.P. Cushman gas engine or 1½ H.P. Peerless electric motor with switch and 25 ft. of cord.....275.00

No. 1 complete without motor or engine... 205.00

No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....195.00

No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....405.00

No. 2 complete without motor or engine... 300.00

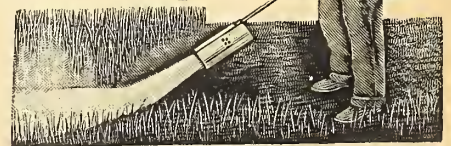
No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage.

SOIL SHREDDERS not available for immediate shipment. Place orders now for delivery when available. Orders placed early will be shipped first. We cannot guarantee any delivery date.

SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$18.95 (weight 17 lbs.)



ZOTOX CRAB GRASS KILLER



An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 8 oz., each, \$1.00; doz., \$7.20; 16 oz., \$1.50; doz., \$10.80; 5 lb., \$4.50.

LAWN SINOX



A selective weed killer that kills weeds without permanent injury to grass. When used as suggested will kill dandelion, plantain, knotweed, chickweed, buckhorn, and many other weeds. Tried, proven effective. Lawn Sinox has been used by golf courses, parks and cemeteries for weed control in fine lawns; Caution—Lawn Sinox stains hands and woolen and silk clothing. A gallon will cover 8000 square feet, price \$6.00 per gal.

PLANT MAGIC VITAMIN B-1 TABLETS

Vitamin B-1 Tablets, the famous Plant Magic brand, containing extra growth-substances. The proved transplanting aid. Also for flower-plant feeding and for fortifying vitamin-deficient soils. Garden magazine articles report amazing results. Each tablet makes 2 to 7 gal. Packet Retail, 25c; doz. pkt., \$1.80. 100 tablet bottle, 50c; doz. bottles, \$3.60.



BERGMAN LAWN MOWER SHARPENER

A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, \$1.00; doz., \$8.00.



Dibber

For planting bulbs and plants. Steel point. Each \$1.10; postpaid, \$1.25.

AUTOMATIC BIRD FEEDERS

(Patented)

An economical feeder for all kinds of seeds, cracked corn or other small food.

If filled with sunflower seeds, it unfailingly attracts Cardinals, rose-breasted Grosbeaks, Finches and many other large as well as small pretty birds all year around.

Birds enjoy swinging with the feeder. Each, \$1.75; 3 for \$5.00.



WREN HOUSE No. 16

This time tested stepkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown, each, \$1.25; white and green, each, \$1.50.

Blue Bird House No. 5 similar to the above, stained brown, \$1.10.



MARTIN HOUSE No. X315

Twenty compartment house, two stories high, unpainted, \$12.00. Painted two coats in white and green, \$15.00.

Twenty-eight compartment house, three stories high, unpainted, \$15.00. Painted two coats white and green, \$17.50. Crating charge \$1.00 extra.



ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown—each \$1.25; 3 for \$3.25.



Flowers to Hail Victory in 1945 Garden

While vegetable seeds maintained their high level of sales in 1944, flower seeds showed a sensational gain, and this trend is expected to continue in 1945. In spite of the scarcity of flower seeds, our packet seed assortments will contain more flower seed packets, in greater variety, to meet the increased demand.

Government pressure on everyone who can to grow vegetables will increase, as long as the war lasts, and continue for some time after peace. The customers who buy seeds from you now will continue for years to do so. Selling Vaughan's Victory Garden seeds gives your business an essential character. Plan for better display, and an increased sale next spring.



OUR RED, WHITE AND BLUE RACK

Red, White and Blue Display

We shall continue to use for 1945 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a brilliant eye-catching combination and will give your store a patriotic atmosphere.

Design and construction of the rack will follow the model which has proved so satisfactory last year.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets.

Our New Packets. All flower seed packets of 1945 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

Brilliantly Colored Posters and Streamers. Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

Flower and Vegetable

Flower Seed Only

19

VAUGHAN'S SEED STORE, 601 W. Jackson Blvd., Chicago, Ill.

Please forward in due season an assortment of Vaughan's seeds for 1944.

The undersigned will pay upon request for all seeds at retail prices less 40%. He agrees to sell at such time, and Vaughan's Seed Store agrees to purchase all seeds then in good condition at retail prices less 40%. This purchase will be credited against the amount due from the undersigned.

The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name _____

Your Address _____

Sign here _____



This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Larger Profits In Quality Seed

Bags Included on All Grass, Gross for Net

FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all reclaimed to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), \$32.00 per 100 lbs.; less than 112 lbs., 33c per lb.; 10 to 25 lbs., 34c per lb.

Standard. Purity 80%. Full bags (112 lbs.), \$31.00 per 100 lbs.; less than 112 lbs., 32c per lb.; 10 to 25 lbs., 33c per lb.

Extra Fancy Seed. Purity about 92%. Full bags (112 lbs.), \$35.00 per 100 lbs.; less than 112 lbs., 36c per lb.; 10 to 25 lbs., 37c per lb.

Refined Suncured Seed. Purity about 98%. Full bags (112 lbs.), \$40.00 per 100 lbs.; less than 112 lbs., 41c per lb.; 10 to 25 lbs., 42c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), \$23.00 per 100 lbs.; broken bags, 24c per lb.; 10 to 25 lbs., 25c per lb.

Extra Fancy. Purity 95%. Full bags (100 lbs.), \$22.00 per 100 lbs.; broken bags, 23c per lb.; 10 to 25 lbs., 24c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), \$21.00 per 100 lbs.; broken bags, 22c per lb.; 10 to 25 lbs., 23c per lb.

CLOVER, White Dutch.

Extra Fancy. \$75.00 per 100 lbs.; less than 100 lbs., 76c per lb.; 10 to 25 lbs., 77c per lb.

Choice Grades. \$73.00 per 100 lbs.; less than 100 lbs., 74c per lb.; 10 to 25 lbs., 75c per lb.

Prime. \$70.00 per 100 lbs.; less than 100 lbs., 71c per lb.; 10 to 25 lbs., 72c per lb.

Put up in packages of 5 lbs. and less, write for prices.

PERENNIAL RYE GRASS. \$23.50 per 100 lbs.; broken bags, 24c per lb.; 10 to 25 lbs., 25c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), \$13.00 per 100 lbs.; broken bags, 14c per lb.; 10 to 25 lbs., 15c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$70.00 per 100 lbs.; broken bags, 72c per lb.; 10 to 25 lbs., 74c per lb.

CREEPING RED FESCUE. A variety of fescue seemingly superior to Chewings. 100 lbs. \$70.00; less than 100 lbs., 72c per lb. 10 to 25 lbs., 74c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), \$78.00 per 100 lbs.; broken bags, 81c per lb.; 10 to 25 lbs., 83c per lb.

Red Tag. \$75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 80c per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, \$73.00 per 100 lbs.; broken bags, 75c per lb.; 10 to 25 lbs., 77c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lb. bags, \$25.00; 1-lb. cartons (ea., 30c), \$28.00 per 100 lbs.; 5-lb. bags (ea., \$1.55), \$27.00 per 100 lbs.; 10 to 25 lbs., 27½c per lb. Retail 45c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., \$32.00; 1-lb. cartons (ea., 40c), \$35.00 per 100 lbs.; 5-lb. bags (ea., \$1.75), \$34.00 per 100 lbs.; 10 to 25 lbs., 34½c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 75c per lb.) Price, \$48.00 per 100 lbs.; 5-lb. bags (ea., \$2.60), per 100 lbs., \$50.00; 1-lb. cartons (ea., 55c), per 100 lbs., \$51.00. Orders for 10 to 25 lbs., 50½c per lb.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

Prices for Chicago Parks Formula

	Per 100 lbs.
½-lb. carton, each, 25c (Retail for 40c)	} \$41.00
1-lb. carton, each, 45c (Retail for 65c)	
2 and 3-lb. cartons	40.50
5-lb. cartons or bags (each, \$2.15)	40.00
10 and 15-lb. bags	39.50
50 and 25-lb. bags	39.00
100 lb. lots	38.00
300 lb. lots	37.50
500 lb. lots	37.00
1000 lb. lots	36.00

Lots of 10 to 25 lbs., 40½c lb. On Larger Lots Ask For Prices.

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 28c (Retail for 40c)	} \$49.00
1-lb. carton, each, 55c (Retail for 70c)	
2 and 3-lb. cartons	48.50
5-lb. cartons or bags (each, \$2.50)	48.00
10 and 15-lb. bags	47.50
50 and 25-lb. bags	47.00
100 lb. lots	46.00
300 lb. lots	45.50
500 lb. lots	45.00

Lots of 10 to 25 lbs., 48½c lb. On Larger Lots Ask For Prices.

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fe cue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retail at 80c per lb.) Price, \$52.00 per 100 lbs.; 5-lb. cartons (ea., \$2.90), per 100 lbs., \$54.00; 1-lb. cartons (each 60c), per 100 lbs., \$55.00. Orders for 10 to 25 lbs., 54½c per lb.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

J. C. VAUGHAN, PRES.

CARL CROPP, V. PRES.

CABLE ADDRESS VAUGHAN, CHICAGO CAROTIDA, NEW YORK

Vaughan's Seed Store

NEW YORK. 47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES. WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES

CHICAGO LOOP STORE 10-12 W. RANDOLPH ST.

601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Please give us your Post Office delivery zone if you are in a large city.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. Special 2 percent discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting net cash items).

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

POSTAGE for parcel post shipment. The prices in this catalogue except on Flower Seeds are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

C. O. D. We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

PERISHABLE STOCK, Plants, Bulbs, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. State distinctly: if by Mail, Express or Freight.

BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for cash goods.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

INSURANCE. We insure all orders for seeds for \$2.00; and over at buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our SPRING RETAIL CATALOGUE will be given as follows:

- 25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.
30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.
40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

10% on special offers and cut-rate collections, none on bulb collections.

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, which is net, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

Index to Contents

Table with 6 columns: Page, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, V, W, Y, Z. Lists various items like Consignment Seed, African Violet, Baby Gladioli, etc., with their corresponding page numbers.

VAUGHAN'S SEED STORE

47-49 Barclay Street, NEW YORK

601 West Jackson Blvd., CHICAGO

NAME _____ Date _____ 19____
Write very plainly

Post Office _____ State _____

Street, P. O. Box
or Rural Delivery _____

Express or Freight Office { If different } _____ Forward Goods by _____
{ from P. O. } { Parcel Post, Express, Freight or Boat }

AMOUNT ENCLOSED

(SEND NO CASH OR
CURRENCY UNLESS
REGISTERED)

Money Order \$ _____
Draft or Check \$ _____
Postage Stamps \$ _____
Cash - - - \$ _____

Make Money Orders or Checks
Payable to Vaughan's Seed Store

Table of PARCEL POST RATES to different zones, on other side.
Your local postmaster will tell you in which zone you reside as regards NEW YORK or CHICAGO.

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

VAUGHAN'S SEED STORE gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of the seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY <small>Do not Abbreviate</small>	NAME OF ARTICLE	SIZE	PRICE		
			Dois.	Cts.	
	CASH DISCOUNTS ON ORDERS FROM THIS CATALOGUE				
	Special Cash Discount is allowed on FLOWER SEEDS as follows: On all orders for flower seeds totaling less than \$25.00, 5%, and over 25.00, 8%. On all other items a cash discount of 2% is allowed, except on grass seed and net cash supplies. Discounts as herein specified may be deducted from remittance if cash is inclosed with order.				
		Carried Forward,	lbs.	\$	

In making your order, please give the sizes and prices to avoid delay and errors.

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE	
			Dols.	Cts.
	Brought Forward			

Postage
Will Be Paid
by
Addressee

No
Postage Stamp
Necessary
If mailed in the
United States

BUSINESS REPLY ENVELOPE

FIRST CLASS PERMIT NO. 1184 (SEC. 510 P. L. & R.) NEW YORK, N. Y.

VAUGHAN'S SEED STORE
47-49 Barclay Street
NEW YORK 7, N. Y.



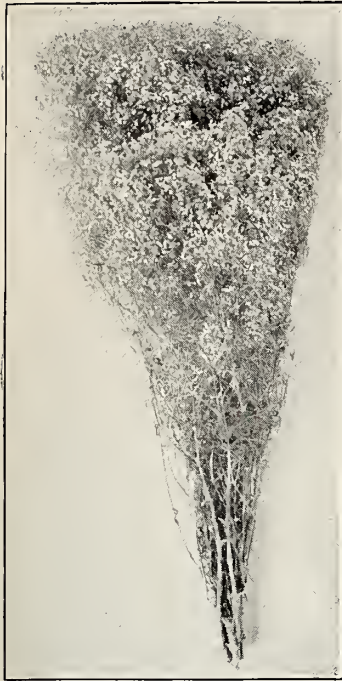
DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions, Effective Oct. 1, 1932.			First pound or fraction	Each additional pound or fraction	This includes tax on first 33c. For larger amounts add 3% which is the equivalent of 1c for each 33c of postage. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.	Total Weight,	
Local—Chicago or New York City.....	8c.	1c. (2 lbs)					
First and Second Zone within 150 miles of either.....	9c.	1.1c.					
Third Zone within 150 to 300 miles.....	10c.	2c.					
Fourth Zone within 300 to 600 miles.....	11c.	3.5c.					
Fifth Zone within 600 to 1000 miles.....	12c.	5.3c.					
Sixth Zone within 1000 to 1400 miles.....	13c.	7c.					
Seventh Zone within 1400 to 1800 miles.....	15c.	9c.					
Eighth Zone all over 1800 miles.....	16c.	11c.					
						Amount for Postage	\$
						Grand Total,	

Filled by _____ Checked by _____ Packed by _____

Shipped by _____ Style of Package _____

Date _____ Book _____ Weight _____

Wreath and Bouquet Materials



GYPSOPHILA

GYPSOPHILA (Baby Breath).
Pure White Flowers. Full large bunches. Per bunch, \$1.60, 10 bunches for \$15.00.

COLORED GYPSOPHILA.
Rose Pink, Lavender, Green, Yellow, Blue, Gold and Red. Per bunch, \$1.95; 5 bunches for \$9.25.

Prices subject to change without notice.

LYCOPODIUM, Prepared and Green Dyed. 5 lb. carton, \$2.10; 10 lb. carton, \$3.95; 25 lbs., \$8.75.

TRANSPARENT RED LYCOPODIUM. Price, 5 lb. carton, \$6.00; 10 lb. carton, \$11.00; 50 lb. carton, \$49.00. Write for prices on larger quantities.

PREPARED LYCOPODEUM WREATHS. The best selling cemetery wreaths for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers.

11" Decorated per dozen \$ 4.80
14" Decorated per dozen 10.80

STATICE, for Basket and Wreath Work. Natural. 1 lb., \$1.10; 5 lb. carton, \$4.75; 10 lbs., \$9.00.



CRINKLE BRUSH

CRINKLEBUSH. Silver Metallic, a fine lacy item used for a filler in making artificial wreaths. Very popular for silver decorations. Price \$5.50 per lb., any quantity.

TIN FOIL. 5, 6 or 7 inch, 1 lb., 25c; 25 lbs., \$5.75.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00.

WIRE RINGS. For making wreaths

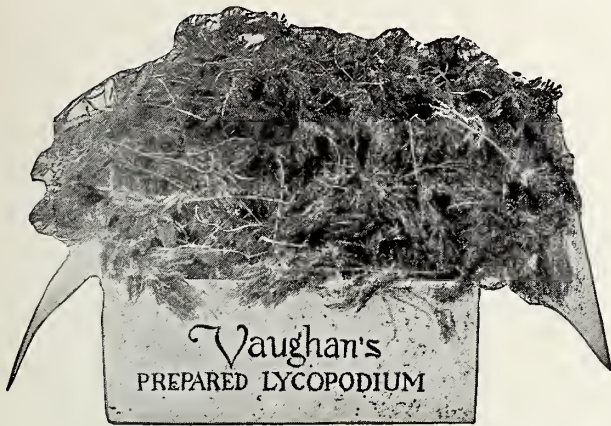
10 inch per 100, \$1.00.
12 inch per 100, \$1.25.
14 inch per 100, \$1.50.



STATICE

CHRISTMAS BELL CORSAGE No. 2 is about 3 x 4 inches in size, made of a 3-part green lacquered Holly Leaf, red Holly Berries, one small natural Pine Cone, two special shaped Bells, green Lycopodium, Stem covered with rubber tape and a red Ribbon Bow, making it a most attractive looking corsage. Price per carton 3 dozen \$7.50.

CHRISTMAS BELL CORSAGE No. 5 is about 2 1/2 x 3 1/2 inches in size, made of a 3-part green lacquered Holly Leaf, red Holly Berries, one special shaped bell, stem covered with rubber tape and a red Ribbon Bow, making it also very attractive looking, only a little smaller in size than the No. 2. Price per carton of 3 dozen \$5.25.



SPHAGNUM MOSS

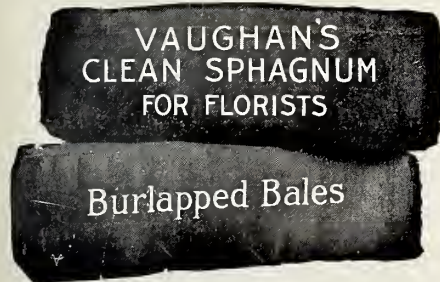
Bright, Clean, New Growth, Free From Brush or Grass. Selected Best Grade.

BURLAPPED BALES. (48x14x16 inches) F. O. B. Wisconsin points, 10-bale lots, per bale, \$2.20; 25-bale lots, per bale, \$2.10. Write for prices on moss in large quantities, F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. Chicago. Single bale, \$2.50, 10 bales, \$23.50.

Write for prices on larger quantities.

New York prices 35c bale higher. Cartage free.



OAK BRANCHES,
Prepared, Brown, Red, and Green.

Prices Short Long
10 lbs. \$ 3.35 \$ 3.25
25 lbs. 7.80 7.50
Specify color when ordering



OAK SPRAY



CHRISTMAS BELL CORSAGE



PANSIES. VAUGHAN'S SUPER SWISS GIANTS MIXED.

PANSIES

GIANT MIXTURES

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.30; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00; 4 oz., \$30.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Without question, the finest mixture of Swiss Giant Pansies on the market. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; oz., \$10.00; $\frac{1}{4}$ lb., \$32.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00.

VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from $2\frac{1}{2}$ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early. $\frac{1}{2}$ trade pkt., 60c; trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.80.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.85; oz., \$10.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the preceding, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 50c; $\frac{1}{4}$ oz., \$2.50; oz., \$8.00. $\frac{1}{4}$ lb., \$30.00.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.80; $\frac{1}{4}$ oz., \$3.40; oz., \$12.00.

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Fire Beacon. Brick red.

Swiss Pure White. The best pure white pansy.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above, except Alpenglow. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.80; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

Delft Blue. Porcelain-blue. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.90; $\frac{1}{4}$ oz., \$3.25; oz., \$12.00.

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.75; oz., \$14.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 60c; $\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.40; oz., \$9.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.80; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. Trade pkt., 75c; $\frac{1}{16}$ oz., \$1.40; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.80; oz., \$6.00.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, \$1.00; 3 \$1.00 packets for \$2.00; $\frac{1}{2}$ oz., \$6.00; oz., \$12.00.