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BOOK FOR FLORISTS

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1942

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VIEW OF ONE OF OUR TULIP FARMS IN THE PACIFIC NORTHWEST, LOCATED IN THE COLUMBIA RIVER BASIN, MOUNT HOOD IS VISIBLE IN THE DISTANCES.

Vaughan's Seed Store

CHICAGO



NEW YORK

Grow Tulips For Top Prices

Tulip bulbs are scarcer than ever this year. With Japanese bulbs shut out, and the supply of English bulbs in doubt, florists fortunate enough to have quality flowers grown from Vaughan's American Bulbs may count upon top prices in every market.

Vaughan's Tulips, grown in the Pacific Northwest, have won unquestioned leadership throughout the country. The American tulip industry is established for all time. The future of Dutch production is in doubt, but in due time the world demand can be met with tulips grown in the U. S. A.!

We strongly urge immediate purchase of your tulip requirements.

Narcissi produced a normal crop in the Pacific Northwest, but at increased expense, due to advancing labor and material costs. This has caused some advance in prices on top sized bulbs produced in this area, which are the only grade quoted in this catalog. Bulbs from other sections may be offered by others, but not by us.

A Beautiful, Practical, Paper White Display



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

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

100 Transparent Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$ 8.00
100 Transparent Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	Sold out
100 Transparent Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	Sold out

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 a transparent bag which permits complete inspection, but 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 \$16 to \$25 sales at 100% profit. Why let chain stores get sales which should be yours?

CHICAGO
601 West Jackson Blvd.

Vaughan's Seed Store

NEW YORK
47-49 Barclay Street

ALL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Important Cultural Data on Forcing Bulbs

From experience in our greenhouses and from observation at numerous florist greenhouses, Dr. Clyde Homan makes the following cultural recommendations:

1. The temperature in the **day time** in most ranges is not regulated and maintained correctly, especially is this true during seasons of dark weather. Often the temperature is allowed to go too high (some greenhouses visited were 85° in dark winter weather) with disastrous results in some cases, and with simply poorer quality resulting in the minor abuses. The disastrous results most frequently occur with Iris where dark weather and day temperatures over 60° prevail, the minor cases are most frequently seen in soft carnations, stocks, and snaps. It is safer to have high day temperatures in the early Fall when days are long, and clear weather generally prevails, than during the late Fall and early Winter, when the days are short and cloudy. This past winter a 3 degree increase in temperature, 65° compared to 68° (the variation from one end of a house to the other) **day temperatures** caused white tip in the variety Wm. Pitt Tulip during a particularly heavy spell of dark weather.

2. The most important factors in earliness of bloom of most bulbous items are the pre-planting treatments, that is pre-cooling method, harvest date, varietal factor, locality grown, prompt planting, and lastly heat of forcing where the item can stand heat.

We plant large Iris 10 ctm. & up Wedgewood 40 bulbs per 2 ft. x 1 ft. flat and the small bulbs less per flat. The small bulb needs more food, and more light to get as good a bloom as the large bulbs. The large bulb can endure more heat and adverse growing so it should be used for earliness of bloom, but for later blooming if grown properly the 9-10 ctm. will do just as well.

4. Do not grow Tulips with temperatures at any time over 65°.

5. Do not grow Iris with temperatures at any time over 60°.

We send complete cultural data with all pre-cooled bulb shipments, if you do not get yours on King Alfreds, Iris, or Tulips, just write us and we will forward same—there is no charge.

ANNUAL FLOWER SEEDS FOR FALL SOWING

Antirrhinum
Calendula
Calliopsis
Candytuft
Centaurea Cyanus
Cosmos

Dianthus (Annual pinks)
Gilia Capitata
Gypsophila
Hunnemannia
Larkspur
Mignonette

Cynoglossum (Chinese Forget-me-not) Poppy Shirley

The earliness of bloom, and the economy of growing compared to plants started in the Greenhouse, makes the sowing of certain annuals in the Fall a good gamble for Florists who can use summer cut flowers. Larkspur is a particularly good item for this culture. This method avoids transplanting, which is often difficult with Larkspur. Early plants grow better due to cooler weather, and the early flowers do not shatter as easily as those blooming during the hot spells.

When you sow seeds of annuals in Fall, you imitate Nature's method. Practically all hardy annuals will produce stronger, sturdier plants with earlier bloom by this method. Do not be in too much of a hurry to sow. The ideal time is just before the ground freezes for winter. November 15th is early enough in normal seasons in the vicinity of Chicago and New York. If the ground has been prepared in advance, sowings can also be made during winter thaws. A cold frame makes a good place to grow.

A fine seed bed is desirable. No covering of any kind is needed unless there is danger of washing or from birds, in which case a light, loose covering can be used. Plant at half the depth used when sowing seed in Spring. Broadcast all small seed. South of the Mason-Dixon line, sowing should be delayed until the late February and early March thaws.

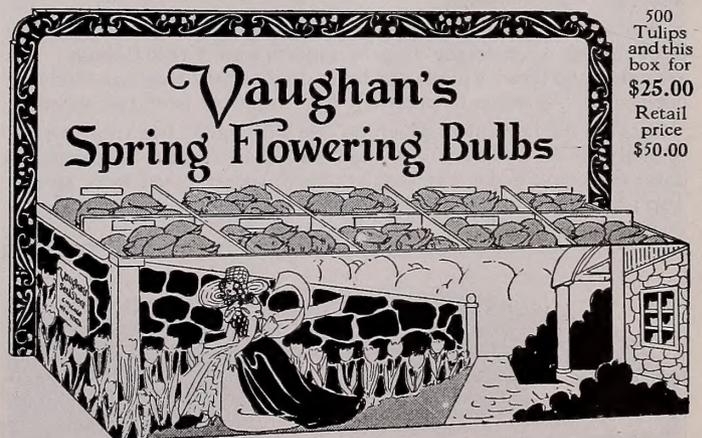
Double Your Money on Tulips Sold From This Attractive Display

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$25.00; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$40.00, f. o. b. Chicago or New York.

BE ONE of the few dealers who can supply tulips this fall! War has cut off the supply of many chain and department stores and lessened your competition. We cannot supply you with a definite group, as usual, but will send outstanding varieties which your customers will be delighted to buy. This business belongs to the florist, who can supply expert advice to purchasers. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties of our selection.

The varieties in this collection will be popular ones. You retail them for \$1.25 per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$24.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$48.00 for 1,000 bulbs, 100 each of ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.



A FIELD OF VAUGHAN TULIPS IN OREGON

Tulip Outlook

The supply of tulips available for planting in the United States this fall may be summed up as follows:

American grown bulbs—some increase over last year.

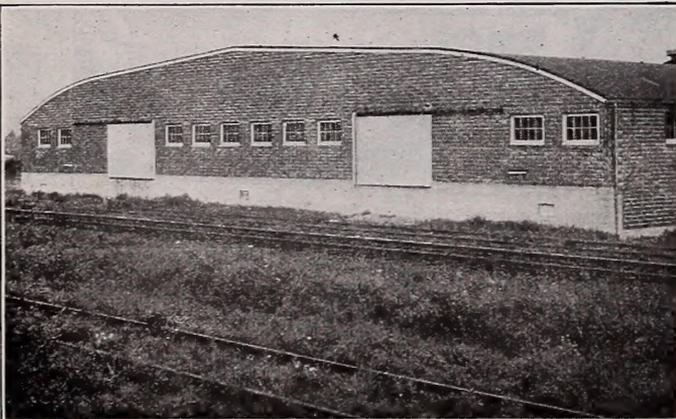
British grown bulbs—considerably fewer, but better quality.

Japanese bulbs—none at all, we are glad to say.

American production is expanding, but there is still some question as to the size of the harvest, chiefly because of labor difficulties. As this catalogue goes to press, only half of our crop in the Pacific Northwest has been harvested.

We estimate the increase in American production to be no more than enough to offset the drop in imports from Great Britain. The arrival of the latter will always be in doubt, until they are safely on our shores. As we go to press our first shipment is on the water.

Lacking all Jap bulbs, which no one will regret, the total supply is likely to be less than last year, so we advise our customers to order early and make sure that you have tulips to sell next spring. Top prices in an undersupplied market are practically certain.



Bulb Warehouse Near Our Tulip Fields in Oregon, Where Bulbs are Cured, Graded and Packed.

Darwin Tulips

The most profitable of all Tulips for Florists' use. Varieties on this page marked (f) can be forced in gentle heat.

Our Second Size Bulbs are as large as many dealers offer as "Firsts." Should we be out of any variety please give us authority to substitute another variety.

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Afterglow, soft apricot orange, tinged pink	\$6.50	\$60.00	\$5.50	\$50.00
Allard Pierson, dark crimson maroon	6.00	55.00	5.00	45.00
Baron de La Tonnage, carmine rose	6.00	55.00	5.00	45.00
Bartigon, (f) fiery crimson	Write for Prices			
City of Haarlem, deep red	6.50	60.00	5.50	50.00
Clara Butt, (f) soft salmon-pink	4.25	37.50	3.75	32.50
Farncombe Sanders, (f) rich, brilliant scarlet	6.00	55.00	5.00	45.00
Greuze, bluish violet	6.50	60.00	5.50	50.00
King Geo. V, (f) deep cherry rose	6.00	55.00	5.00	45.00
Le Notre, (f) rose shaded blush	5.50	50.00	5.00	45.00
Mme. Krelage, (f) soft rose, margined blush	5.00	45.00	4.50	40.00
Mrs. Mandel, (f) violet-blue flushed lilac	6.50	60.00	5.50	50.00
Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer	5.50	50.00	5.00	45.00
Prof. Rawenhoff, (f) cherry-rose, white, blue base	6.00	55.00	5.00	45.00
Rose Copeland, (f) lavender-pink	5.50	50.00	5.00	45.00
Victoire D'Oliveira, (f) carmine red, good forcer	6.00	55.00	5.00	45.00
Wm. Copeland, (f) bright violet: for forcing	5.25	47.00	4.25	37.50
William Pitt, (f) brilliant carmine	Write for Prices			
Yellow Giant, golden yellow	6.00	55.00	5.00	45.00
FINEST MIXED	5.00	45.00	4.50	40.00



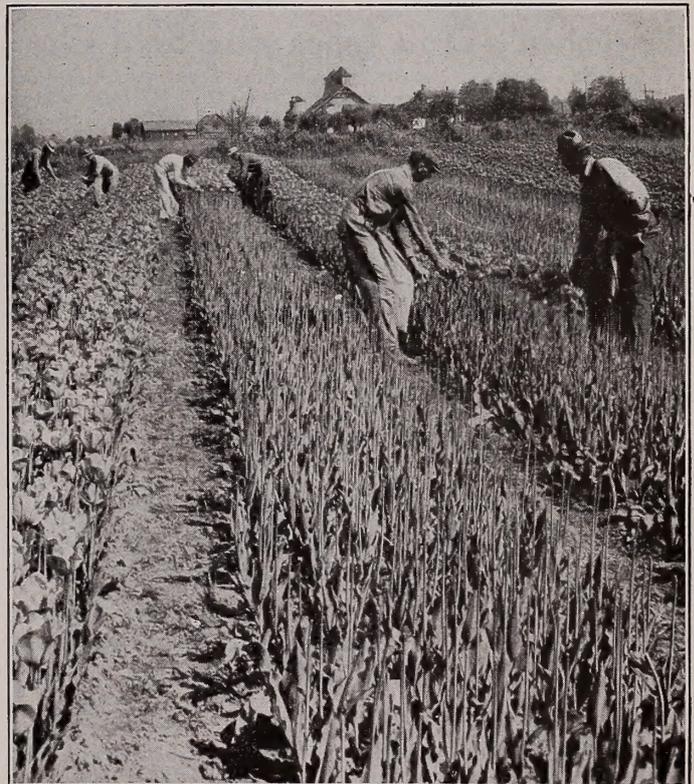
COTTAGE TULIPS GROWING IN VAUGHAN'S OREGON FIELDS

Early Tulips

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Couleur Cardinal, deep scarlet	\$5.50	\$50.00	.....	.....
Cramoise Brilliant, brilliant scarlet	5.50	50.00	.....	.....
Diadem, pearly pink	5.50	50.00	.....	.....
Fred Moore, dark orange edged yellow	5.50	50.00	.....	.....
Keizerskroon, red with distinct wide golden border	6.00	55.00	.....	.....
Rising Sun, golden yellow	5.50	50.00	.....	.....
Vermilion Brilliant, vermilion scarlet	5.50	50.00	.....	.....
White Hawk, pure white	5.50	50.00	.....	.....

Breeder Tulips

Bronze Queen, golden yellow bronze	5.00	45.00	\$4.50	\$40.00
Dillenburg, salmon-orange	6.00	55.00	5.00	45.00
Prince of Orange, (f) orange scarlet edged light yellow	6.00	55.00	5.50	50.00
Mixed, all colors	4.25	37.50	3.75	32.50



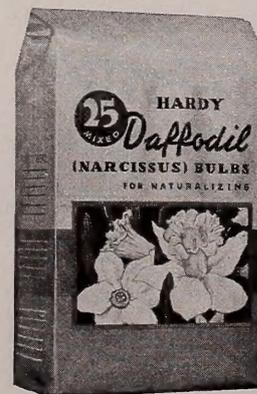
Topping Tulips in Our Oregon Fields. The Flowers Must be Picked Off and Destroyed to Prevent Disease.

Cottage Tulips

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Argo, golden yellow slightly penciled toward the top edges with dark orange	\$5.50	\$50.00	\$4.50	\$40.00
Avis Kennicott, chrome-yellow	5.50	50.00	4.50	40.00
Caledonia, orange-scarlet	5.00	45.00	4.50	40.00
Carrara, pure white	7.00	65.00	6.50	60.00
Dido, pink salmon, edged orange	6.50	60.00	5.50	50.00
Ellen Wilmott, primrose yellow	5.25	47.00	4.50	42.00
Gesneriana Lutea, (f) golden yellow, sweet-scented. A splendid one under glass, on account of its color and perfume	5.00	45.00	4.50	40.00
Golden Crown, golden yellow	5.00	45.00	4.50	40.00
Grenadier, bright orange-red	6.00	55.00	5.00	45.00
Inglescombe Yellow, (f) rich yellow	4.50	40.00	4.00	35.00
Maiden's Blush (Picotee), (f) white recurved petals, margined rose	6.00	55.00	5.00	45.00
Miss Blanche, pure white	6.00	55.00	5.50	50.00
Orange King, deep orange shaded rose	6.00	55.00	5.00	45.00
Vesta, pale primrose, changing quickly to pure white	7.00	65.00	6.50	60.00
FINEST MIXED	4.25	37.50	3.75	32.50

Triumph Tulips

Kansas, white	6.50	60.00	6.00	55.00
Mr. Zimmerman, rose-pink, light edges	5.50	50.00	5.00	45.00
Telescopium, violet-rose suffused red	6.50	60.00	6.00	55.00



Sell Daffodils This Fall

25 mixed hardy daffodils in picture packages, 10 pkgs. \$ 8.00
Retail for 15.00
Profit \$ 7.00

20 packages for \$15.00; doubling your money. Prices F. O. B. Chicago.

Also Packed 12 Bulbs, Picture Package, Each, 50c; 10 Package Lots, 45c 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.



VAUGHAN'S CROFT LILIES

Vaughan's Croft Lilies Are Sold Out

Vaughan's American grown lily bulbs have been in such demand with the trade that our entire stock of 250,000 bulbs has been sold on advance orders and we have none to offer in this catalogue.

The entire American production, as yet, equals only a fraction of the number required to replace the Japanese bulbs which are shut out by war, and which may never again be acceptable to the American public, even when peace returns.

There is a bright side to this picture, however, and it shows two highlights: One, the high quality of American lilies, which have been proved to be much superior to those imported formerly from Japan; the other, the rapid increase in American production which is taking place.

The crop this year was much greater than last; and each year in the future, we have reason to expect, production will pyramid, so that it will not be long before the florists of our country have an ample supply of better bulbs than were enjoyed before the war.

Vaughan's Seed Store has been in the forefront of American lily production for many years, and has contributed to the improvement of growing and handling methods, to which this new industry owes its success. We shall expand our own growing operations as rapidly as possible, and give every encouragement to other careful growers, who prove themselves capable of producing the quality of stock which we must have for our customers.

The quality of Vaughan's American Grown lilies was proved by the blue ribbons which were awarded two baskets of Vaughan's Croft lilies exhibited at the Chicago Flower Show in the spring of 1941, one of which is illustrated herewith.

LILIUM FLORIDI

Bulbs of the Creole type, grown in Florida, have shown certain improvements over the Louisiana Creole lilies. At our New York branch, 47 Barclay street, New York City, a limited number of bulbs of the best type of Floridii are still on hand, and prices will be furnished in answer to inquiries mailed to that address.

LOUISIANA CREOLE—Sold Out

True Lilium Harrisii

Grown for Us by One of the Most Reliable Growers

Grown in Bermuda and used mostly for early cut flowers. The flower is pure white but somewhat soft for shipping. It is an early blooming type, and the bulbs can not be cold stored for late delivery.

	F. O. B. Chicago	
	100	Case
6- 7-inch, 335 bulbs to case	\$20.00	\$65.00
7- 9-inch, 200 bulbs to case	35.00	65.00
8-10-inch, 150 bulbs to case	50.00	65.00
9-11-inch, 100 bulbs to case		65.00
11-13-inch, 50 bulbs to case		65.00

Hardy Lilies Lilium Regale

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting.

	Doz.	Per 100	Per 1,000
6-7 in.....	\$1.00	\$ 6.00	\$ 55.00
7-8 in.....	1.25	8.00	75.00
8-9 in.....	1.65	11.00	100.00
9-10 in.....	2.00	15.00	145.00

If wanted in quantity please write for prices.

Lilium Candidum—Thick Petaled

Our Lilium Candidum are the thick, broad-petaled type so superior to the narrow-petaled stock. The bulbs are plump, heavy and healthy. Increasing demand each season causes prices to advance.

PRICES Northern-Grown, Thick Petaled

	Doz.	Per 100	Per 1,000
18-20 ctms.....	\$2.00	\$15.00	\$140.00

Latest on Lily Culture

At present, there are the following types of Lilies available to our knowledge—Creole, Croft, Davidson Kenyon or Early Western Forcing, Coos, Ace, Estate, Japanese Giganteum grown from 6-8 imported stock of 1940, Regales, Formos-anum, T 1, T 2, Stubby, Praecox (White Queen), Candidum, Harrisii, Florida Lily, Mexican Lily, and numerous types from seed of crosses of all the Lilies. The total Lily supply to normal requirements is from 8% to 10%.

A great deal of experimental work must be completed before we know even a good part of the possibilities of each type. A summary of general knowledge we believe true and possibly helpful to Florists in their purchasing and growing follows:

- (1) Creoles—grow below 65°. At least 80% of the entire production of Creole Lilies has become badly infected with mosaic, and when affected bulbs are forced, poor results are always obtained, and injury to the name of healthy stock is the result. There is great abuse in the state certification of stock, as the grower often uses a certificate obtained through one healthy field to sell his own or neighbor's diseased stock. A good Creole is an early blooming Lily that should have 3 to 5 flowers of very good substance on a fairly tall stem from a 7-9 inch bulb. It should be grown cool from 50° to 65°. It has been grown almost entirely for cut Lilies, except in the South where tall plants are desired.
- (2) Croft—start at 50° until 4 inches high, then grow above 60°. This is an ideal Giganteum type pot Lily of exceptional size blooms of excellent substance, a prolific grower which averaged 5-6 flowers from 7-9 inch bulbs last year at our greenhouses. It grows best at warmer temperatures, just like the Japanese Southern Giganteums of about the same season, possibly a week earlier.
- (3) Kenyon or Davidson Kenyon or Early Western or B-1. This is a mixed lot of black and green stem growing shorter than Croft and of earlier blooming date, also a little uneven in blooming because of mixture.
- (4) Coos and Ace. Both have blooms and habit very similar to Croft, but will yield 1 or 2 more blooms per same size bulb than Croft, Kenyon Davidson, or Giganteum.
- (5) Regales. Grown at a night temperature of 60° it will bloom in about three months; at constant temperature of 70° to 80° in 65 days from potting. These were grown after cooling the bulbs in cold storage 34° to 36°. Plunging pots outside until January 1st is recommended; they must have cold treatment before forcing.
- (6) Formos-anum. There are no large bulbs available in quantity and forcing qualities are not known definitely. It flowers abundantly, but the flowers are rather soft. Production is difficult because of its extreme susceptibility to mosaic.
- (7) Praecox (White Queen). When grown from seed to blooming, the plant is fairly dwarf and acceptable for a pot plant; however, when grown from a large bulb, it becomes 6 to 8 feet tall and unsightly. The substance of bloom is poor, about like a Harrisii, but the size of flower is good.
- (8) Candidum. No stock in quantity is available, as most stock was imported before the War. The bulbs are very susceptible to basal rot and are thus difficult to produce commercially. Foliage and flowers not of forcing quality.
- (9) American Grown Giganteum. This type was grown on the West Coast this past season by planting bulbs imported from Japan in the Fall of 1940. The stock is badly infected with mosaic which was always present in Japanese stock from 5% to 10%, but it spread to approximately 40% in some stock observed near Portland, Oregon.

- (10) Harrisii Lily. Grown in Bermuda, and is only available in normal quantities, and has been used in the past for a cut flower Lily. Considerable mosaic affected bulbs are present in all stocks observed.
- (11) The Florida Lily. This is a type very similar to Creole.
- (12) The Mexican Lily. There are at least three types in Mexico, one similar to the Floridii, one similar to the Creole and one with very short trumpet like Candidum. In conclusion, we wish to warn florists to be careful to isolate mosaic types from clean types, as mosaic will spread by aphids in the greenhouse as well as the field. A great deal of experimental cold storage work must be done, and we are well under way on this work.

Your Best Buy for Easter Profits

Vaughan's Shangri-La Lilies

PRICES

Less than other Creole types, and easily within your reach.

Circumference	No. Bulbs in Case	Price per Case F. O. B. Chicago
12 inches and up.....	100	\$50.00
11-12 inches.....	100	50.00
10-11 inches.....	125	50.00
9-10 inches.....	200	} Write for prices; Almost sold out.
8- 9 inches.....	250	
7- 8 inches.....	300	
6- 7 inches.....	400		$60.00

EVERY florist is facing the problem: What shall I grow to offer a lily hungry public for Easter, 1943? When lilies are available, millions will accept no substitute, and on retail prices the sky is the limit.

Here is the answer to this question for every florist, Vaughan's lilies from Shangri-La. Shangri-La, you remember, is a mythical mountain paradise; and we call our lilies by that name because we are not yet telling exactly where they were grown. But as to their quality and dependability, we can supply the following facts:

Shangri-La lilies are of the Floridii Creole type, of the highest quality.

They come to you with live roots packed in peat moss, like Croft lilies from the Pacific coast.

Accurately checked scientific tests have shown that they produce twice the bud count of ordinary rootless Creole bulbs of comparable size, because they start growing without check, or taking time to produce new roots.

Culture is like other Creoles, growing cool to keep down their height, and for best quality. The variety is naturally early.

All Shangri-La Bulbs are exceptionally high crowned.

The large sized bulbs, above 10 inches, are double crowned or better, and will produce a corresponding number of stems.

All bulbs will be shipped to you from cold storage after treatment to facilitate forcing. In ordering state whether you want bloom for January, Easter or later, so we can ship at the proper time, from Oct. 1 to May 1. Give us early orders, as the treatment in storage differs according to the forcing date.

VALUE OF LARGE BULBS

Based on stems and flowers produced, large bulbs are worth as much as small per case, even though a case has fewer bulbs. Cases are standard Japanese size, and every one is tightly filled. Supply of small bulbs is limited.



SHANGRI-LA—FLORIDI CREOLE TYPE LILIES

Various Hardy Lilies

	Doz.	100
CANADENSE—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs... Per 1000, \$75.00	\$1.25	\$ 8.00
PARDALINUM—Leopard Lily. Rich scarlet and yellow spotted with rich brown. Per 1000, \$115.00	1.75	12.00
PHILLIPINENSE FORMOSANUM — A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 foot or more, are very robust and offer great resistance to wind and weather.....	2.50	18.00
SUPERBUM. Flowers bright orange-red thickly spotted with purple.....Per 1000, \$85.00	1.35	9.00
TENUIFOLIUM —The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting..... Per 1000, \$55.00	1.00	6.00
TIGRINUM SPLENDENS — Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black..... Per 1,000, \$75.00.	1.50	10.00
TIGRINUM FLORE PLENO —Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. Per 1,000, \$85.00.	1.75	12.00
UMBELLATUM —Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th.		
—Mixed. Large Flowers..... Per 1000, \$125.00	1.80	13.00



BRINGING LILY BULBS INTO VILLAGE AT SHANGRI-LA

American Grown Hardy Narcissi

Northwest-Grown Bulbs From Which No Flowers Have Been Cut

Big Demand for Double Nose Bulbs. So Order Early

HAVING our own Farms in Oregon and with a resident representative to make inspections of other fields each season when the bulbs are in bloom and again after the bulbs have been lifted and placed in trays in the warehouses our customers are assured of the best quality.

Quality of our stock has reached perfection through long study and adoption of the latest methods of culture.

Our bulbs are grown in Oregon, where narcissi bulbs grow best. All our stock has come from the same source in the last six years. The most modern implements are used so that bruising and disease are reduced to minimum. After digging, our bulbs are stored in temperatures that have been found most satisfactory by eminent English and Dutch experimenters. This temperature treatment hastens the flowering period and keeps the bulbs firm.

American grown narcissi are now not only grown as well as European, but they travel a shorter distance to you, minimizing the risk of heating and bruising.

KING ALFRED (Trumpet Variety)

Golden yellow, large flowers. King of all of them.

No. 1 Double Nose		No. 2 Double Nose		Round	
100	1000	100	1000	100	1000
\$7.70	\$72.00	\$6.50	\$58.00	\$5.75	\$54.00

TRUMPET VARIETIES (Yellow Trumpet)

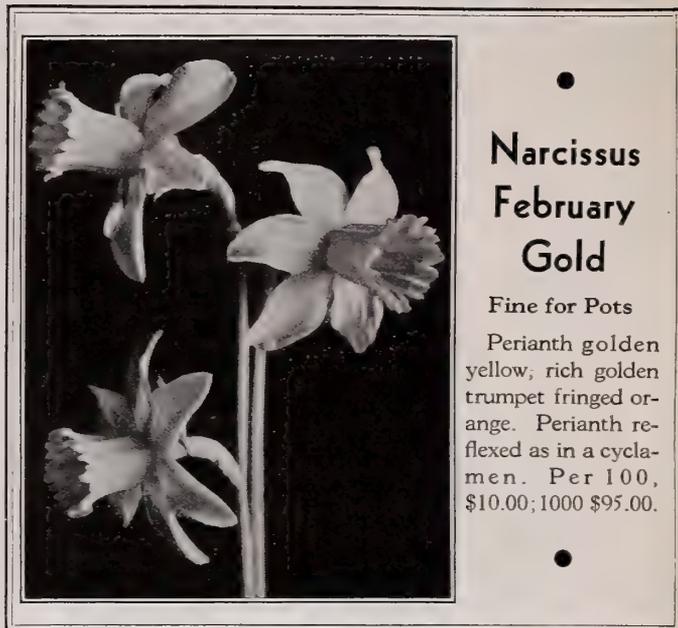
	Double Nose		Round	
	100	1,000	100	1,000
Aerolite , Perianth deep primrose, pure medium yellow trumpet....	\$10.00	\$95.00	\$8.00	\$75.00
Emperor , rich yellow, large flower..	6.50	59.00	5.00	44.00
Minister Talma , golden yellow, large flowers.....	7.15	67.00	5.50	50.00
M. A. Fiersten , yellow trumpet daffodil. Wide short, densely frilled trumpet of pure yellow, a shade deeper than the perianth; finely placed with good neck.....	10.00	.....	.....	.....
..... Per doz., \$1.50	10.00	.....	.....	.....
Olympia , sulphur-yellow perianth, large yellow trumpet.....	7.50	70.00	6.00	55.00
Tresserve , sulphur-yellow perianth with very large yellow trumpet..	7.15	70.00	5.70	52.00

Bicolor Varieties

Glory of Sassenheim , white perianth, yellow trumpet.....	6.50	59.00	5.00	45.00
Spring Glory , white perianth, yellow trumpet.....	6.50	59.00	5.00	45.00
Victoria , white perianth, yellow trumpet.....	6.50	59.00	5.00	45.00

Other Classes

Barri , Conspicuous , yellow, small cup	5.25	47.00	4.00	35.00
Diana Kasner , (Barri), pure white perianth and large fluted yellow cup with blood red frill. Good forcer..	6.20	57.00	5.00	44.00
Golden Sceptre (Jonquil), deep golden yellow.....	6.00	55.00	5.00	45.00
Laurens Koster (Poetaz), white and yellow.....	5.30	48.00	4.50	40.00
Poeticus , Ornatus , white and yellow	4.80	43.00	3.85	33.00
Pheasant Eye	4.80	43.00	3.85	33.00
Helios (Incomparabilis), deep golden yellow cup opens little darker in cool climate, changes light orange.....	6.50	60.00	5.50	50.00
Sir Watkins (Incomparabilis), medium trumpet, yellow. Good for early use.....	5.70	52.00	4.25	38.00
Croesus (Incomparabilis), Canary yellow perianth, orange fluted cup.	6.50	60.00	5.00	45.00



Narcissus February Gold

Fine for Pots

Perianth golden yellow; rich golden trumpet fringed orange. Perianth reflexed as in a cyclamen. Per 100, \$10.00; 1000 \$95.00.

OTHER CLASSES—Continued

	Double Nose		Round	
	100	1,000	100	1,000
Queen of North (Leedsii), white perianth primrose cup.....	\$6.50	\$60.00	\$5.50	\$50.00
Silver Star (Leedsii), white perianth cup primrose changing to white...	9.00	85.00	7.00	65.00
Mixed , for outdoor planting, single and double nose.....	.....	.....	4.00	35.00
Double Varieties				
Alba Plena Odorato , pure white..	\$5.00	\$45.00	\$4.00	\$33.00
Cheerfulness , the double white				
Poetaz	6.75	62.00	5.30	48.00
The Pearl , double white.....	6.50	60.00	5.00	45.00
Twink , primrose and clear orange..	9.00	85.00	7.00	65.00

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. Write for prices on 5 or more cases.	100	1,000
12 ctns. Buy these to compete with chain store	\$2.00	\$14.00
13 ctns.....	2.50	21.00
14 ctns.....	} Write for	Prices.
15 ctns.....		

Grand Soliel d'Or , yellow paper white.		
14-15 ctns.....	5.00	45.00

Chinese Narcissus (American Grown Bulbs)

(Better than the imported.)	Per 100	Per 1,000
Strong Bulbs	\$4.50	\$40.00

Miscellaneous Bulbs

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 2½ inches and more and are sure bloomers.

Make wonderful window displays.

SELECTED MIXED HYBRIDS			
	Doz.		100
2-2½ inch.....	\$1.80		\$13.00
2½-3 inch.....	2.75		20.00
3 -3½ inch.....	4.50		30.00
3½ inch and up.....	5.50		40.00

SEPARATE COLORS. Each, 50c; Doz., \$5.00.			
Light Red	Salmon	Red with Light Stripes	
Dark Red	Rose	Light Shades	

OTHER AMARYLLIS			
	Doz.		100
Johnsonii. Velvety crimson, white striped.....	2.75		20.00

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 ½ inch deep. Sunny location, plenty of moisture. **Special Mixed**, number one bulbs, per 100, \$2.00; per 1,000, \$17.50.

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, \$2.85; per 1,000, \$24.00.

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, \$3.00; 1,000, \$25.00.

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
1¼-1½ inches.....	\$ 7.00	\$ 62.50
1½-1¾ inches.....	12.00	110.00
1¾ inches and up.....	18.00	165.00

Yellow Calla

(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
2-2½ inch.....	\$1.70	\$11.50	\$105.00
2½-3 inch.....	2.75	20.00	185.00
3-3½ inch and up.....	4.00	30.00	270.00

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
1¼-1½ inches.....	\$2.75	\$20.00
1½-1¾ inches.....	4.50	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, \$3.50; postpaid; per 1,000, \$30.00.**



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

Freesias—California Grown

Crop Short

Elder's Giant White. Much demand for the flowers on all markets because of the size and strong stems. ½ to ⅝ in.: per 100, \$1.50; per 1,000, \$10.00.

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. ½ to ⅝ in.: per 100, \$1.35; per 1,000, \$8.50.

Knife's Yellow. A yellow freesia of unusual sturdy growth, tall straight stems. Flowers large and wide open. Great lasting qualities. Very prolific producer with several laterals, making it a valuable cut flower. ½ to ⅝ 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. ½ to ⅝ in.; per 100, \$1.50; per 1,000, \$10.00.

PURITY—True Strain. White. ½ to ⅝ in.: per 100, \$1.00; per 1,000, \$7.00.

Sunset. A flame orange, reminding you of the glorious sunsets of California. ½ to ⅝ in.: per 100, \$1.35; per 1,000, \$8.50.

White Chief. A new Giant White. Stems average 18 to 30 inches long; single flowers 2½ inches long. Can be had in bloom first week in January. ½ to ⅝ in.; per 100, \$1.00; per 1,000, \$7.00.

Rainbow. Mixed. ½ to ⅝ in., per 100, \$1.80; per 1,000, \$13.00.

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.

Blushing Bride. White, pink and carmine flakes.

Peach Blossom, delicate pink.

Pink Perfection, fine pink.

Spitfire, brilliant reddish salmon.

Per 100, \$4.00; 1,000, \$35.00.



ANEMONE



RANUNCULUS

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.

Grandiflorum Robustum is a superb species with flowers of the brightest buttercup yellow, leaves plain green. Per 100, \$5.00; per 1,000, \$45.00.

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, \$4.00; per 1,000, \$35.00.

Mixed. Per 100, \$3.50; per 1,000, \$30.00.

Dutch Iris

	6-7 ctms. Per 1,000	7-8 ctms. Per 1,000	8-9 ctms. Per 1,000
D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower.....	\$16.00	\$26.00	\$39.00
Early Snow. Tall early white.....	19.00	29.00	40.00
Imperator (Filifolia) Deep blue. Good seller, one of the best of greenhouse growing.....	11.00	18.00	29.00
J. W. De Wilde. Uniform dark yellow, a novelty.....	19.00	31.00	.....
Poggenbeek. Uniform dark blue. An extra good variety.....	10.00	18.00	29.00
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow. 5-6 ctms., \$11.00.	19.00	31.00	.....

Tingitana Wedgewood. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower that has commanded enormous prices during the past few years. Light blue in color, 8-9 ctms., per 100, \$2.30; per 1,000, \$18.00; 9-10 ctms., per 100, \$3.50; per 1,000, \$30.00; 10 ctms. and up, per 100, \$5.00; per 1,000, \$42.00.

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., 80c; 100, \$5.50. Mixed. Doz., 60c; 100, \$4.00.

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. Per 100, \$2.50; per 1,000, \$20.00.

Heavenly Blue. Sky-blue. Per 100, \$2.50; 1,000, \$20.00.

ORNITHOGALUM

Arabicum, Star of Bethlehem, white with black base. Doz., 60c; 100, \$4.00.

Thyrsoides, pure white. Doz., 60c; 100, \$4.00; 1,000, \$35.00.

Thyrsoides, Flore Pleno, double white. Doz., 80c; 100, \$5.50.

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., \$3.50; 100, \$25.00

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 Tops	\$3.00	\$24.00
Mixed First Size	2.25	17.00
Orange	3.00	24.00
Pink	3.00	24.00
Red	3.00	24.00
Yellow	3.00	24.00
White	3.00	24.00

WRITE FOR QUANTITY PRICES

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, \$3.00; per 1,000, \$25.00.

SCILLA NUTANS	Per 100	Per 1,000
Blue	\$3.00	\$25.00

SNOWDROPS

	Per 100	Per 1,000
Single	\$4.00	\$35.00
Double	4.50	40.00

SCILLA (Campanulata)

	Per 100	Per 1,000
Blue	\$4.50	\$40.00
White	4.50	40.00

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 (×) we can supply in 1/2 trade pkts. at 60c each.

NEW INTRODUCTIONS

	Trade pkt.
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
* Better Times (1942 edition) (Windmill.) A real American Beauty Rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day.....	2.00
Bronze Christmas Cheer (Schlegel). A bright copper hood with lower part shading from deep gold to apricot. Well placed 1 1/4 to 2 inch individual florets. No grassy growth; non-shattering.....	2.00
Carol Jean (Dornacher). A shade lighter than Ethel. (Yellow). Has no wild growth whatever. Will not shatter.....	2.00
Early Westover's Fringed White (Windmill). An early development of Westover's Fringed White—carrying the superb Westover qualities down to the first earlies—an ideal wedding bouquet white—good early or late; strong grower, productive and always hard stemmed.....	2.00
* 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
* Maryland Pink (Winkler). Early, light pastel pink. Large flowers. 1/2 trade pkt., \$1.25	2.00
* Radiance (Windmill). Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original. Excellent keeping qualities and great uniformity. Average height 30 inches. Termed by some florists as "The Gladiolus Flowered Snapdragon."	1.50
Schaffroth's Pink. A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mothers' Trade Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop.....	2.00
Schaffroth's White. New pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks.....	2.00

BRONZE SHADES

Afterglow. Golden bronze Spring flowering ×.....	1.00
* Early Glorious (Windmill). A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales.....	1.50
Ideal (Hodaly). A blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed.....	1.50
Kirkwood Beauty. Bronze with a cast of gold—a striking color. Rather tall grower.....	1.00
* Miss Wooster. The color is a dazzling rich dark bronze. Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety ×.....	1.00
* New Deal. Very early, fragrant, golden bronze.....	1.00
Roman Gold. Superseded by Suntan.	
* Sunlight. Improved Suntan, finest early golden bronze ×	1.00
* Suntan. Rose shade of tan with tinge of yellow on lip. Early blooming ×.....	1.00
Talisman (Windmill). 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



CHRISTMAS CHEER

PINK AND ROSE SHADES

	Trade pkt.
* Cheviot Supreme Appleblossom (Windmill). 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 ×	1.00
* Christmas Cheer (Windmill). Conceded the best, early pink. Fine spike, excellent for Christmas and comes back for second and third crops.....	2.00
Daybreak. Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer ×.....	1.00
* Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads.....	1.50
* La France (Windmill). 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
* Milady. Good early rose pink.....	1.00
* New Cincinnati. The finest light rose ×.....	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 (Windmill). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January.....	1.00
Rose Queen. Dark pink ×.....	1.00
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

"SNAPS" For Greenhouse Forcing—Cont'd

	Trade pkt.
LAVENDER	
Bertha Baur. Standard lavender.....	\$1.00
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Spring flowering.....	1.00
Schumann's Lavender. A true color, heaviest spike and unquestionably the leader.....	2.00
*Windmill's Lilac. Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Earliest in this color.....	1.50

RED	
*Christmas Red. Extra early crimson.....	1.00
Velvet Beauty. Rich American Beauty red in color X.....	1.00
Velvet Supreme. We recommend Christmas Red as a substitute.	

WHITE	
Cheviot Maid Pure White. Superseded by Lucky Strike Improved, White Wonder and Koester's White.	
*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
Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage..	1.50
Snow White (Windmill). Late white for Easter and Mothers' Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.00
Westover's Fringed White. A great favorite in the East. Sow for late crop X.....	1.00
*White Prosperity. A pure white.....	1.50
*White Wonder. A fine pure white. Free and early X....	1.00

YELLOW	
*Ceylon Court. Dark Selection. Canary yellow. Our introduction X.....	1.00
*Cheviot Maid. Yellow. (Volz).....	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
Gorgeous (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums.....	2.00
Klondyke Supreme. Deep intense golden yellow with extra large individual florets, sow early, continuous bloomer. Later than Ethel.....	1.00
Schumann's Yellow. Fine large yellow.....	2.00
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	2.00
*Yellow Wonder (Bezdek). Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers.....	1.50
Greenhouse Varieties Mixed. With pinks predominating..	.75



BEGONIA GRACILIS ADELINE

Asparagus

Plumosus Nanus. (Lath House grown.) Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 250 seeds, 35c; 1,000 seeds, \$1.20; 5,000 seeds, \$5.00; oz., 80c; lb., \$8.00.	
Sprengeri. 250 seeds, 35c; 1,000 seeds, \$1.20; 5,000 seeds, \$5.00; oz., 80c; lb., \$8.00.	

BROWALLIA Speciosa Major. Large deep blue flow- Trade pkt. Oz. ers. Fine for pots. 12 in. 1/32 oz., \$1.00; 1/16 oz., \$1.80 \$0.50	
Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding... 1/16 oz., \$1.00; 1/8 oz., \$1.65 .35	

Novelty Begonias

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. Excellent as a house plant.	
Homeran Crimson. Flowers dark crimson, a little larger than Christmas Cheer, foliage darker green than Homeran Rose, makes a splendid bedder. 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—Fibrous-Rooted

These Begonias make excellent spring flowering plants in small pots or for combination use.

Pink Pearl. Regret sold out, we suggest Gracilis Adeline as substitute. Trade pkt. Oz.	
Red Pearl. As this variety is not available this year, we recommend King of the Reds as a suitable substitute.	
Gracilis Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive. Same color and dwarf habit as Pink Pearl.....	1/4 oz., \$2.50 \$1.00
Carmen. Bright rose flowers, bronze foliage.....	1/4 oz., \$2.00 1.00
Carmen Scarlet. See Indian Maid.	
Dwarf Luminosa. Extra dwarf, scarlet. Fine for pots. 8 in.	1/4 oz., \$3.00 1.00
Fireball. Fiery crimson, 10 in.	1.00
Gerda Seeger (Heterosis Variety). Compact growth, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large and free flowering.....	1.25
Indian Maid (Carmen Scarlet). 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....	1.00
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in.	1/32 oz., \$2.00; 1/16 oz., \$3.50 1.00
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.	1/32 oz., \$2.50 1.00
Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet, green foliage.....	1/32 oz., \$2.25 1.00
White Pearl. White, 10 in.	1/4 oz., \$1.80 1.00
Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet. 1/4 oz., \$1.60; 1/32 oz., \$2.80	1.00
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink.....	1/4 oz., \$1.80 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.	1.00
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. ....	.50
Compacta Supreme. One of the best dwarf varieties grown, forms a compact ball loaded at all times with bright crimson flowers. When planted out-of-doors, the edges of the leaves turn to a bronzy-red.....	1.00
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

BEGONIA—Fibrous-Rooted—Continued.

	Trade	pkt.	Oz.
Semperflorens Enchantress. Fresh rose color . . .	\$1.00		
Erfordia. Pure La France rose 1/32 oz., \$1.50	.50		
Fire Sea (Blaze of Fire). Fiery red flowers, green foliage. 8 in.	1.00		
G. Knaacke. Glowing salmony pink . . . . .	.50		
Glow. Foliage bronze, flowers glowing scarlet. 1/64 oz., \$1.75	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 Mothers' Day 1/64 oz., \$2.00	1.00		
Kaethe Teicher. The flowers are of exceptional size, 2 1/2 in. across. The plants are compact, about 10 in. high. The strong dark-green foliage forms an effective foil to the pure carmine of the flowers, which appear in rich abundance	1.00		
King of the Reds. Very dwarf, glowing scarlet, foliage, green edged bronze. Same color and habit of Red Pearl 1/64 oz., \$3.25	1.00		
Lightning (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. 10 in. 1/64 oz., \$1.50	1.00		
Little Midget. A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine.	1.00		
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. 1/64 oz., \$2.50	1.00		
Salmon Queen. Large cinnabar red blooms, 12 in. 1/64 oz., \$1.50	.50		
Scandinavia. An outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering. 1/64 oz., \$3.00	1.00		
Winter Romance. Carmine pink flowers, light green foliage. 1/64 oz., \$1.50	1.00		
Special Mixture of Bedding Begonias. 1/32 oz., 1.50	.50		



TYPE OF GREENHOUSE CALENDULA

Calendula Forcing Varieties

	Trade	pkt.	Oz.
Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape. 1/4 oz., 60c	\$0.40		\$2.00
Ball Apricot. Soft apricot with dark center; large flowers. 1/4 oz. 60c	.40		2.00
Ball Gold. Deep golden yellow, long stemmed and large flower with light center. 4 oz. \$6.50	.40		2.00
Ball Lemon Queen. Clear medium deep yellow with a dark brown center. lb. \$20.00; 4 oz., \$6.50	.40		2.00
Ball Improved Long Orange. Attractive bright golden orange with light eye. Quite outstanding for extra large flowers and long stems. lb., \$20.00; 4 oz., \$6.50	.40		2.00
Ball Masterpiece. Extra long-stemmed deep orange with brown center. lb., \$20.00; 4 oz., \$6.50	.40		2.00
Ball White (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade. lb. \$20.00; 4 oz., \$6.50	.40		2.00
Vaughan's Special Mixture for greenhouse forcing. 1/4 oz., 50c	.30		1.60

During warm weather the flowers may single out but will return to full doubles when the weather turns cool.

Candytuft

	Trade	Pkt.	Oz.
Giant Hyacinth-Flowered. Select, Pure White. This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. Sow in fall on raised beds for winter blooming. 4 oz., \$2.25; lb., \$7.50	\$0.20		\$0.75
Umbellata Alba. White, 12 in. lb., 3.60	.15		.40
Carminea. Carmine, 12 in. lb., 3.60	.15		.40
Flesh-Pink 12 in. lb., 3.60	.15		.40
Lilacina Lilac, 12 in. lb., 3.60	.15		.40
Purpurea. Crimson, 12 in. lb., 3.60	.15		.40
Rose Cardinal. Rose-pink, 12 in. lb., 5.00	.15		.60
Vaughan's Special. Mixed. lb., 4.00	.15		.40

Super Giant Centaurea Cyanus (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting. Excellent for sowing outside very late in fall, just before frost for blooming in spring, and for inside use.

	Trade	pkt.	Oz.
Black Boy. Blackish maroon. 4 oz., \$1.35	\$0.15		\$0.40
Blue Boy. Rich deep blue, very large flowers lb., \$4.00; 4 oz., 1.35	.15		.40
Pinkie. Deep pink. lb., \$4.00; 4 oz., 1.35	.15		.40
Red Boy. Deep red. lb., \$4.00; 4 oz., 1.35	.15		.40
Snowman. Best white 4 oz., 1.50	.15		.60
Vaughan's Mixture of Super Giant New Varieties Mixed. 4 oz., 1.25	.15		.40

CENTAUREA Candidissima (Dusty Miller). Broad cut leaved variety with silvery foliage. 16 in. This must be started early, as it is a slow grower. 1/4 oz., 60c

Chinese Forget-Me-Not

	Tr.	pkt.	Oz.
Cynoglossum Amabile, Blue Bird. A lovely plant 18 to 24 inches tall, with bright blue flowers. Makes wonderful cut flower material. 1/4 oz., 25c	\$0.15		\$0.80
Amabile, Pink. . . . . .	.15		.60
Fairy Blue. Attractive deep Cambridge or azure blue. . . . .	.15		.40
Firmament. A compact variety of bushy, growth, 15 to 18 inches tall. Smothered with rich dark blue flowers. 1/4 oz., 25c	.15		.80

Clarkia Elegans Double

Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2 1/4-inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.

Albatross. Pure white.	Orange King. A good orange.
Appleblossom. Delicate pink.	Purple Prince. Rich purple.
Chieftain. Mauve.	Queen Mary. Carmine.
Enchantress. Salmon pink.	Rosy Morn. Rose.
Firebrand. Copper scarlet.	Salmonea Perfecta. True salmon.
La France. Pale salmon pink.	Scarlet Queen.
May Blossom. Pure glowing rose.	Vaughan's Special Mixture.
Each of the above, trade pkt., 15c; oz., \$1.00.	

	Trade	pkt.	Oz.
CINERARIA Maritima Candidissima, for bedding; leaves silvery white.	\$0.15		\$0.80
Maritima Diamond. Leaves pure white. . . . .	.15		.80



CYCLAMEN *Persicum Giganteum* Strain

Cyclamen *Persicum Giganteum*

Our Cyclamen seed has been grown by experienced 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.

	100 Seeds	1,000 Seeds
Beardse's Wonder. A new salmon with white border. Strong grower, of compact habit. Very profuse bloomer.	\$2.50	\$20.00
Bonfire. Brilliant salmon	2.25	20.00
Bright Red.	1.75	16.00
Lavender.	1.80	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.	1.80	16.00
Pure White.	1.75	16.00
Rococo Erecta Mixed. Large fringed flowers.	2.20	18.00
Saffron Red.	2.20	18.00
Saffron Red Silver Edge.	2.20	18.00
Salmon Scarlet (America Improved).	2.30	21.00
Salmon Rose Improved.	2.25	20.00
Salmon Dark. (Glory of Wandsbek or Perle of Zehlendorf)	2.20	18.00
Salmon Light (Rose of Zehlendorf).	2.20	18.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).	1.80	16.00
Striped.	2.00	16.00
White with Carmine Eye.	1.75	16.00
White Crested.	2.20	18.00
Mixed.	1.65	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.

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

Double Mixed. The four above, 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00.

Chrysanthemum CARINATUM 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. Trade pkt., 30c; ¼ oz., 60c; oz., \$2.00.

Culture:—For winter and spring crop sow mid to late September in light soil, pot up when large enough to handle and grow on until early November at 45 to 50 degrees night temperature. Set plants ten by ten inches, either in raised or solid beds (the former will flower very much earlier) and be sure to spray frequently for thrip and red spider which are the species' worst enemies. They should have at least four feet head room. Cut the flowers just before the centers carry pollen and place in cool water for at least six hours before shipping. During December dust lightly with 1 part fine sulphur and 4 parts hydrated lime.

ONE OF OUR FLORIST FRIENDS WRITES US

"During the winters of 1939 and 1940 we grew about 500 square feet of Rainbow Chrysanthemum in raised benches in the greenhouse. We found these very acceptable to both our wholesale and retail trade; in fact so much so that we could name our price within reasonable limits. The flowers began to bloom during mid-February and continued to open well through April, after which they became smaller. We have cut flowers four inches in diameter with 18 inch stems. The range of colors, markings, splashing, etc., are both great and brilliant. When given ordinary care they will keep for from ten to fifteen days when cut."

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., .75c

Trade pkt. Oz.

DRACAENA Indivisa. Narrow green leaves. lb., \$4.00 \$0.15 \$0.40

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



COLEUS *Glory*

Delphinium

PACIFIC GIANT (Vetterle and Reinelt). This new 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. The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture, which gives the color luminosity and vividness not seen before. Trade pkt., \$1.25; 1/8 oz., \$3.00; 1/4 oz., \$5.50.

Blue Bird. A clear medium blue with huge tall spikes. Trade pkt., \$1.25.

Blue Jay. Medium to dark blue with dark bee. Trade pkt., \$1.25; 1/8 oz., \$3.00; 1/4 oz., \$5.50; oz., \$20.00.

Cameliard Series. This is a pure lavender self, with white bee, the individual flowers are very round and flat. Trade pkt., \$1.25; 1/8 oz., \$3.50; 1/4 oz., \$6.50.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit. Trade pkt., \$1.50; 1/8 oz., \$4.00; 1/4 oz., \$7.00; oz., \$24.00.

Guinevere. Light pink lavender self with white bee. Individual floret 2 1/2 to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

King Arthur. Brilliant royal violet with large white bee. Individual florets 2 1/2 inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00.

Lancelot Series. Pure lilac self tone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. Trade pkt., \$1.25; 1/8 oz., \$2.00; 1/4 oz., \$3.60; oz., \$12.00.

Summer Skies. Clearest light blue with white bee. Individual florets 2 to 2 1/2 inches in diameter. Thin woody stems with very strong branching habits. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

Round Table Series. As the name implies this represents all of the color combinations of the above Knights and their Ladies. This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.00; oz., \$14.00.

Clear White. Individual florets 2 to 2 1/2 inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not Mildew resistant. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

Pacific Giant Dark Blue Shades.

Pacific Giant Light Blue Shades.

Pacific Medium 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 Violet Shades.

Pacific Giant Mixed.

Each of above 6: Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; oz., \$12.00.

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.

GERBERA Jamesonii Hybrids. New Flowerland Strain (Transvaal Daisy). The Daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers. A greenhouse perennial. Sow in warm house and give at least 4 to 6 weeks time to germinate; and plant in rather sandy deep soil in a well exposed ground bed. Trade pkt., 1,000 seeds, \$3.00; 100 seeds, \$0.40

GREVILLEA Robusta. (Silk Oak). Excellent fern-like 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. lb., \$8.00 .15 \$0.90

Gypsophila

Elegans Grandiflora Alba, London Market. Trade pkt. Oz.		
..... 1/4 lb., 70c; lb., \$2.00	.....	\$0.25
Carminea. Deep rose.....		\$0.10 .60
Crimson.....		.10 .60

Impatiens

Impatiens are charming subjects for shady locations either in porch boxes or for bedding. The small plants are also useful in combinations for Easter and Mother's Day sales.

	Trade pkt. Oz	
Impatiens Holstii. Vermilion, very fine. 500 seeds, \$0.50		
Holstii. New Hybrids, extra choice.....		
..... 1,000 seeds, 90c; 500 seeds,		.50
Dusky Monarch. New Blood-red.....	500 seeds,	.50
Sultani. Bright rose.....		
..... 1/6 oz., \$2.00; 1,000 seeds, 90c; 500 seeds,		.50
Dwarf Scarlet	500 seeds,	1.00
Dwarf Hybrids Mixed		
..... 1,000 seeds, 90c; 500 seeds,		.50

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. 100seeds, 50c; 1,000seeds, \$3.50.

Kalanchoe

Globulifera Var. Coccinea. Compact plants with deep green fleshy foliage surmounted by trusses of brilliant scarlet flowers. In form they are similar to the well known Bouvardia flower. Plants continue to bloom profusely for about 8 weeks. Culture instruction with seeds. 1,500 seeds, 60c; 3,000 seeds, \$1.00; 1/4 oz., \$1.50.

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; 1/2 oz., \$9.00; 1,000 seeds, \$1.25.

Gold Hybrids. It contains all shades from yellow to orange. The flowers last as long as those of the type but twice as large and are borne in clusters on stiff stems. It is advisable to bench them when the third leaf pair has reached sufficient size. The soil should not be too rich. Trade pkt., \$1.25.

Hybrida "Flame". In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes Pkt. \$1.00.

Lobelia

Erinus Crystal Palace Compacta. 4 in. Deep blue, dark foliage.....	Trade pkt. Oz.	
..... 1/4 oz., 50c		\$0.25 \$1.80
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit.....	1/4 oz., 80c	.25 3.00
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue.....	1/4 oz., 70c	.25
Opal. Rich opal blue, large flowered, compact.....	1/8 oz., 60c	.25
Mrs. Clibran. Deep blue, white eye.....	1/4 oz., 70c	.25 2.40
Speciosa. Dark flowers and foliage. 10 in.....		
..... 1/4 oz., 60c		.25 2.00
Emperor William. Dwarf, gentian-blue, light foliage. 4 in.....	1/4 oz., 60c	.25 2.00
Pumila Splendens, Bedding Queen. Dark blue, white eye, dwarf, 4 in.....	1/4 oz., 85c	.35
Alba, Snowball. 4 in.....	1/4 oz., 80c	.25
Sutton's Cambridge Blue. Light blue with green foliage.....	1/4 oz., 85c	.35
Dwarf Sorts, Mixed	1/4 oz., 60c	.25 2.00
Prima Donna. Velvety maroon. 10 in.....	1/8 oz., 60c	.25
Pendula (for hanging baskets) Angelina. Pure white large flowers.....		.35
Hamburgia. Sky-blue, white eye, dark foliage..		
..... 1/4 oz., \$1.00		.35
Miranda. Bright rosy purple, clear white eye.....		.35
Sapphire. Large deep navy-blue with white eye.....	1/8 oz., \$1.00	.50



ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of seed make this one of the best catch crops a florist can plant. Can also be sown outdoors just before freezing for early spring flowering.

To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing and place seed flats in basement or other cool spot for 2 to 3 weeks for germination to take place.

GIANT IMPERIAL OR BASE BRANCHING—4 ft.

A race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

- Blue Bell.** Fine medium blue, deeper than sky blue, lighter than lilac.
 - Blue Spire.** Dark blue.
 - Carmine King.** Deep 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.** New rich lilac fully double closely spaced florets.
 - Lilac Spire.** Beautiful lilac color.
 - Los Angeles.** Salmony scarlet.
 - Miss California.** Deep pink on salmon.
 - Pink Perfection.** Lively light pink.
 - White King.** Glistening pure white.
- Each of the above. Trade Pkt., 25c; ¼ oz., 35c; oz., \$1.00; lb., \$10.00.
- Rosalind.** Rose with enough suffusion of salmon to create a most pleasing new shade. Trade pkt., 25c; ¼ oz., 35c; oz., \$1.00.
- Giant Imperial Vaughan's Special Mixed.** All colors. Trade pkt., 25c; oz., \$1.00; lb., \$10.00.

STOCK-FLOWERED—4 ft.

- Dark Blue.** Rosamond. Pure rose.
 - Lilac Supreme.** Deep lilac. White.
- Each of the above, Trade Pkt., 25c; oz., 60c; lb., \$6.00
- Stock Flowered Vaughan's Special Mixed.** Trade Pkt., 25c; oz., 60c; lb., \$6.00.

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.
- | | | | |
|------------------------|------------|--------|--------|
| | Trade pkt. | Oz. | |
| Lavender | ¼ oz., 50c | \$0.35 | \$1.50 |
| Rose Pink | ¼ oz., 50c | .35 | 1.50 |
| White | ¼ oz., 75c | .50 | 2.40 |

Lilies

Culture on Lilies from seed sent free with order

Sow the seed in flats in the greenhouse during October and November. The soil in flats consists of mixture of one-third each of fine sand, leaf mold and good soil. When the seedlings are large enough to handle they can be potted up in 2¼ inch pots and planted outdoors in a well drained location in May or as soon as the weather permits. These will start in to bloom from late summer on.

- Formosanum. Improved Pure White.** This selected Trade pkt. Oz. strain produces 80% pure white flowers.....
- | | | | | |
|-------------------------------|----------------|------------|--------|--------|
| ..... | 4 oz., \$5.50; | ¼ oz., 50c | \$0.25 | \$1.80 |
| Giant Pure White | ¼ oz., 75c | | .35 | 2.60 |
- Longiflorum Praecox 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.....
- | | | | | |
|-------|--------------------|---------------|------|-------|
| | ½ trade pkt., 60c; | ¼ oz., \$1.50 | 1.00 | 10.00 |
|-------|--------------------|---------------|------|-------|

Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting.

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.

- Giant or King Lupinus.** This improved new giant 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. Tr. pkt. Oz.
- | | | | |
|---|-------------|--------|--------|
| King Dark Blue | lb., \$6.00 | \$0.15 | \$0.50 |
| Heliotrope. A pleasing rosy purple.... | lb., 6.00 | .15 | .50 |
| Sky-Blue | lb., 6.00 | .15 | .50 |
| White | lb., 6.00 | .15 | .50 |
| Mixed | lb., 6.00 | .15 | .50 |

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.

- Lemon Queen, Los Angeles Florist Strain.** All double. Trade pkt., 25c; ¼ oz., 50c; oz., 1.60; 4 oz., \$5.00.
- Prince of Orange, Los Angeles Florist Strain.** All double. Trade pkt., 25c; ¼ oz., 50c; oz., 1.60; 4 oz., \$5.00.
- Yellow Supreme.** Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 20c; ½ oz., 50c; oz., 90c.
- Guinea Gold.** Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 20c; ½ oz., 50c; oz., 90c.
- Lieb's Winter Flowering.** Mahogany brown with golden yellow crested center. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80.
- Lieb's Winter Flowering Sunshine.** Golden orange, yellow center. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.80.
- For other varieties see our spring florist catalog.

Myosotis (Forget-Me-Not)

- 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. Trade pkt. Oz.
- | | | | |
|-------|------------|--------|--------|
| | ¼ oz., 85c | \$0.35 | \$2.85 |
|-------|------------|--------|--------|
- Alpestris Blue.** 12 in. ¼ oz., 50c .15 1.40
- Blue Eyes.** Bright blue with white eye, large, early ¼ oz., \$1.20 .35 4.00
- Indigo Blue (Royal Blue).** 12 in. ¼ oz., 60c .25 2.00
- Blue Compacta.** Deep blue..... ¼ oz., 60c .25 2.00
- Rosea.** 12 in. ¼ oz., 70c; ¼ oz., \$1.30 .35 4.80
- White.** 12 in. ¼ oz., 80c .25 2.50 1.80
- Stricta. Blue Bouquet.** A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft. ¼ oz., \$1.00 .50 1.50
- Pink Bouquet.** Pink. 1 ft. ¼ oz., \$1.00 .50 1.50
- Victoria.** Dwarf globular strain. 8 in. ¼ oz., \$1.00 .35 1.50
- Rosea.** Pink..... ¼ oz., \$1.00 .35 1.50
- Oblongata Perfecta.** Early and late flowering..... ¼ oz., 60c .25 2.00
- Palustris. Semperflorens.** Large rich, blue, flowers with yellow eye in bloom from early spring until autumn, 1 ft. ¼ oz., 75c .25 2.80

Mignonette

Mignonette likes a rich soil, a temperature of 45, or a little lower and a sunny bench. Disbudding and support are necessary.

- | | | | |
|---|------------|--------|--------|
| | Trade pkt. | Oz. | |
| New York Market | | \$1.00 | ..... |
| True Mchet. Vaughan's Selected Stock. ¼ oz., 25c | | .15 | \$0.80 |

Vaughan's Giant Pansies

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

How to Sow Pansy Seeds. Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be sure of fine, strong Pansy plants, we suggest the following, applied as a top-dressing by the end of March or early April.

2 parts dried blood. 2 parts steamed bone meal. 1 part potash.

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., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$22.00.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; 1/8 oz., \$1.30; 1/4 oz., \$2.20; oz., \$8.00; 1/4 lb., \$28.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. This type being shorter and more compact are more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 50c; 1/8 oz., \$1.20; 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 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. One of our florist customers writes on March 27, '41.—"Your winter flowering pansies are one of our best paying crops." Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.60.

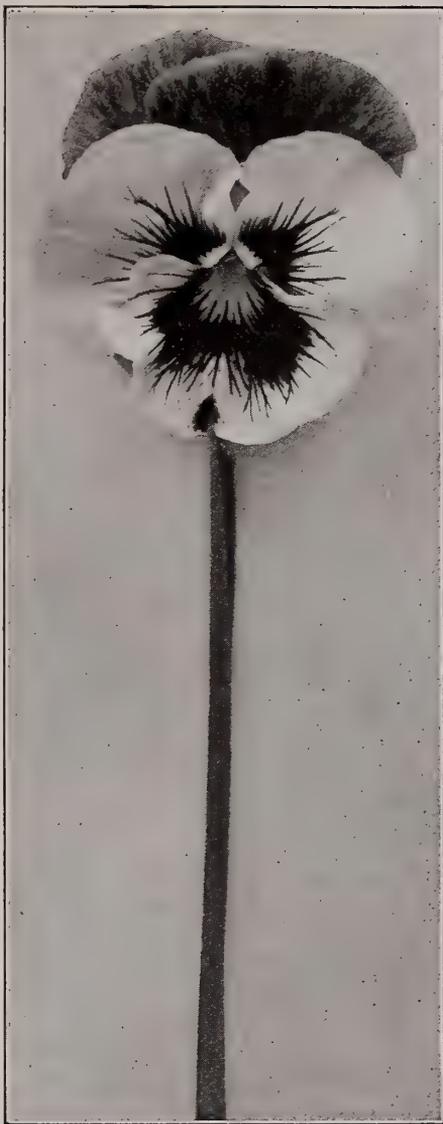
VAUGHAN'S MAPLE LEAF GIANT MIXED

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., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$8.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

See Back Cover for Illustration in Color.

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., 75c; 1/8 oz., \$1.50; 1/4 oz., \$2.65; oz., \$10.00; lb., \$120.00.



VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

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; 1/4 oz., \$1.45; oz., \$5.00.

VAUGHAN'S INTERNATIONAL MIXTURE

Contains blooms of large size and good substance, in a great variety of colors and markings, including the Swiss and Maple Leaf Giants. It is one of our specialties which has been popular for many years and may be used either for bedding or cut flower purposes. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.45; oz., \$8.00.

Swiss Berna. Dark violet-blue. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., 6.00.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches. Trade pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; oz., \$8.00.

Swiss Coronation Gold. Golden yellow, perfectly round flowers as much as 3 in. across, with slightly ruffled edges. This is the best pure yellow pansy. Trade pkt., 75c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.

Swiss Luna. Soft sulphur yellow, self without blotches, round substantial flower with frilled edge. A delicate and lovely color, varies. Trade pkt., 50c; 1/8 oz., \$1.45; 1/4 oz., \$2.45.

Swiss Pure White. Very free-blooming, large, well shaped flower. The best pure white pansy. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.20; oz., \$8.00.

Swiss Rhinegold. Canary-yellow with dark blotches. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.85; oz., \$7.00.

GIANT MIXTURES

Geneva Giant Mixed. Grown from Originator's Stock Seed. A very fine strain. Trade pkt., \$1.00; 1/8 oz., \$1.40; 1/4 oz., \$2.60; oz., \$10.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 50c; 1/4 oz., \$1.90; oz., \$6.40.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.20; oz., \$8.00.

Orchid-Flowered Eldorado Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 50c; 1/4 oz., \$1.20; oz., \$4.00.

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.

	Oz.	1/4 lb.	Lb.
Tall Golden Gleam. Semi-double, yellow...	\$0.15	\$0.50	....
Indian Chief. Vivid scarlet flowers.....	.15	.50	....
Salmon Gleam. Golden salmon.....	.15	.50	....
Scarlet Gleam. Bright orange-scarlet....	.15	.50	....
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers	.15	.40	....



PETUNIA Vaughan's Dwarf California Giants Improved

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)

This is 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; 1/4 oz., \$2.25; 1/32 oz., \$4.00; 1/16 oz., \$7.00; 1/8 oz., \$13.00.

Dwarf California Giants. Dark Selection. This is a favorite with many growers and it has given universal satisfaction. 1/2 Trade pkt., 60c; Trade pkt., \$1.00; 1/32 oz., \$3.00; 1/16 oz., \$5.60; 1/8 oz., \$10.00.

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; 1/4 oz., \$1.75; 1/32 oz., \$3.00.

Camilla. A beautiful, rose-pink; rich crimson veining Trade pkt. Oz. forms a wide halo toward the center. 1/4 oz., \$1.20 \$0.50

Copper Red. Dark throat. 1/4 oz., \$1.25 .50

German Empress. Lilac veined purple. 1/4 oz., 1.25 .50

★**Giants of California. Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered. 1/4 oz., \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.00 .50

PETUNIA Giant Flowering Single—Continued.

- Glamour.** It has a large salmon-rose flower with brown veining on white in the throat; a free and continuous bloomer. Trade pkt. Oz. \$0.75
- Salmon Beauty. (Marylyn).** Bright salmon pink. 1/32 oz., \$2.80; 1/64 oz., \$1.50 .75
- Supreme Florist strain of Giants of California.** A strain of rose and pink shades with large ruffled, shallow, open throated flowers. 1/64 oz., \$1.25; 1/32 oz., \$2.40; 1/16 oz., \$4.50 .50
- White. With yellow throat (Evening Star)** 1/64 oz., \$1.25 .50
- Ruffled Monsters in Mixture** 1/16 oz., \$3.20; 1/32 oz., \$1.80; 1/64 oz., \$1.00 .50

LARGE SINGLE FRINGED (Flowers 3 to 4 inches across)

- Blushing Maid.** The flowers are deeply fringed and ruffled of a rosy pink and white with yellow veins and throat. .50
- Coerulea, Sky blue.** .50
- Dainty Lady.** Plants need shade to develop the dark cream color of the delicately fringed flowers. 1/64 oz., \$1.35; 1/32 oz., \$2.50 .50
- Fluffy Ruffles.** A very choice strain, finely fringed and ruffled mixture. 1/32 oz., \$1.25; 1/16 oz., \$2.00 .50
- Golden Jubilee.** Fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat. 1/32 oz., \$2.80; 1/64 oz., \$1.50 .50
- Royal Beauty (Marine).** Rich deep velvety purple. 1/64 oz., \$1.40; 1/32 oz., \$2.60 .50
- Scarlet Beauty.** Bright scarlet. Well fringed beautiful flower. 1/64 oz., \$1.25 .50
- Theodosia Reselected.** Rosy pink with a clearly defined, golden throat. A very choice strain. 1/32 oz., \$2.40; 1/64 oz., \$1.25 .50
- White Beauty.** White fringed. 1/64 oz., \$1.00 .50

LARGE SINGLE PLAIN EDGED (Flowers 3 to 4 inches across)

- Blue Beauty.** Clear, deep blue. Flowers of extra large size on plants of vigorous growth. 1/64 oz., \$1.25 .50
- Burgundy.** Purple or carmine with white throat and tube with violet veins. 1/32 oz., \$1.00 .35
- Dwarf Pink Glory.** Compact habit, pure flame rose pink. 1/32 oz., \$1.80 .50
- Giant Blue Star.** White starred on rich velvety violet blue ground. .75
- Dwarf Elk's Pride Reselected.** Velvety violet. 1/64 oz., \$1.00; 1/32 oz., \$1.75; 1/16 oz., \$3.00 .50
- Purple Robe (Silver Seam).** A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. 1/64 oz., \$1.30 .50
- Queen of the Market.** Best single red. 1/64 oz., \$1.80 .50
- Snow Storm.** Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. 1/32 oz., \$3.00; 1/64 oz., \$1.75 .75
- 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. 1/16 oz., \$2.80; 1/32 oz., \$1.50 .50

LARGE-FLOWERING DWARF (Erfurt Strain)

- Gaiety.** Plants are bushy about 12 in. high, covered with flowers. Large, daintily fringed rose and white blooms. 1/64 oz., \$1.20 .50
- Gottfried Michaelis.** Daintily fringed bright amaranth red with dark throat. 1/32 oz., \$1.80 .50
- Lace Veil.** White flowers 2 1/2 in. across. 1/64 oz., \$1.40; 1/32 oz., \$2.50 .50
- Setting Sun.** Brilliant rose-pink fringed flowers. 1/64 oz., \$1.50; 1/32 oz., \$2.60 .50
- Violet Blue Fringed.** Velvety violet blue self color with a large fringed flower. True Elk's Pride color in the dwarf large flowering fringed type. 1/64 oz., \$1.60; 1/32 oz., \$3.00 .75
- Dwarf Grandiflora Ruffled Mixed.** The above and others. This is fine for combinations. 1/32 oz., \$1.50 .50

PETUNIAS—Continued.

SINGLE SMALL-FLOWERED DWARF SORTS

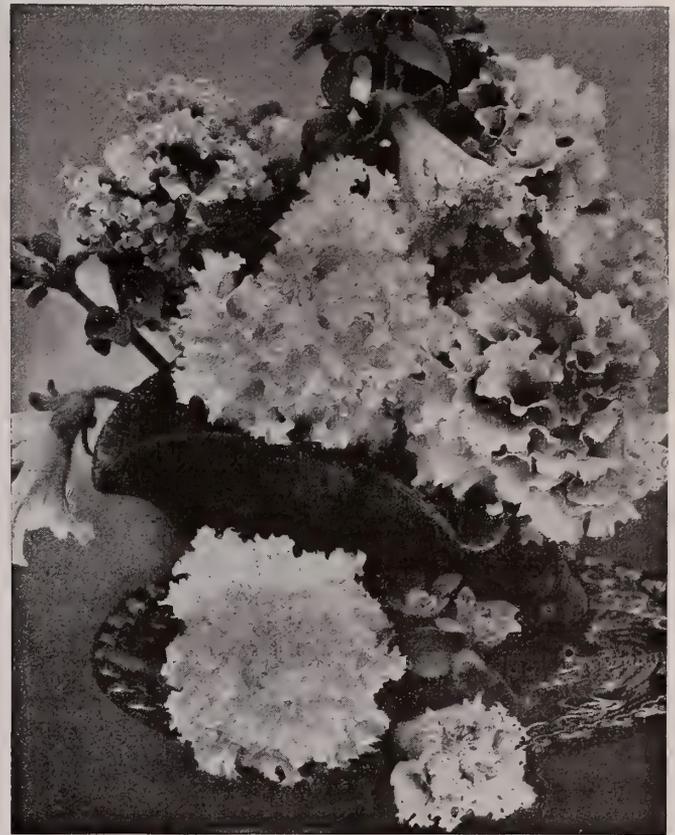
	Trade	pkt.	Oz.
Admiral Reselected. The flowers are of good size, have wavy edges and are of clear blue.			
..... 1/4 oz., \$20.00; 1/32 oz., \$3.00; 1/16 oz., \$5.50	\$0.75		....
Alderman. Dark violet	1/4 oz., 60c	.25	\$2.20
Blue Ball. Early flowering velvety violet blue. Dwarf and compact growth. One of the best ever offered.	1/4 oz., \$1.60	.50	....
Celestial Rose Improved. Deep rose, excellent for bedding and pot culture.	1/4 oz., \$2.50; 1/8 oz., \$1.50	.40	8.00
Cream Star. Soft creamy white deepening towards the throat to a bright golden yellow.	1/8 oz., \$1.00	.50	....
Dwarf Flaming Velvet. (King Henry). Large flowers of rich velvety blood-red. Very free flowering. Compact habit.	1/4 oz., \$7.50; 1/8 oz., \$4.00; 1/32 oz., \$1.20	.50	....
First Lady. Clear light pink.	1/16 oz., \$1.25; 1/8 oz., \$2.00	.35	12.00
Glow. Bright carmine-rose with lighter throat. Extremely free-flowering of rich coloring.	1/16 oz., \$1.25; 1/8 oz., \$2.00; 1/4 oz., \$3.75	.35	12.00
Heavenly Blue Reselected. 1/4 oz., \$1.40; 1/8 oz., 85c		.50	4.00
Rose of Heaven Select. A brilliant rose-pink	1/4 oz., \$1.40	.50	5.00
Rosy Morn Select. Pink with white troath 1/4 oz., 75c		.35	2.50
Rosy Morn Improved. Very attractive color, bright, and comes 100% true, deeper in shade than the original. . . . .		.50	....
Salmon Supreme. Distinct light salmon color. Flowers about 1 1/2 in. across with white throat and plain petals.	1/16 oz., \$1.20; 1/8 oz., \$2.00	.50	....
Topaz Queen. Glowing scarlet rose.	1/4 oz., \$2.25; 1/8 oz., \$1.25	.35	8.00
Snow Queen. Compact in growth with abundance of snow-white flowers.	1/4 oz., 60c	.25	2.00
Vaughan's Special Dwarf Mixture. Small-flowering sorts.	1/4 oz., 70c	.25	2.40

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 Amaranth Red.** Red-purple.
 - All-Double Appleblossom** (Daintiness). Soft salmon-pink flowers.
 - All Double Attraction.** Color brilliant deep carmine rose irregularly marked with white. Compact habit, fine for pots.
 - All-Double Brilliancy.** Of uniform growth and doubleness. A brighter rose than the popular World Beauty and the white variegation which often appears on the latter has been eliminated.
 - All-Double Dwarf Blue Brocade.** A rich, velvety violet-blue. Flowers are of uniform color and good size, blooming late in the flowering season. 1/64 oz., \$8.00.
 - All-Double Dwarf Giant Fringed Pure White** (Snowball). 1/64 oz., \$8.00.
 - All-Double Dwarf Carmine Glory.** Brilliant carmine flowers (Mammoth Peony-flowered).
 - All-Double Gaiety.** Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across.
 - All-Double Dwarf Giant Fringed Loveliness.** Clear pink. Very double compact habit. 1/64 oz., \$8.00.
 - All-Double Orchid Beauty.** Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double. 1/64 oz., \$8.00.
 - All-Double Dwarf Rose-Carmine** (World Beauty). Fringed bright carmine flowers.
 - All-Double Dwarf Giant Fringed Mixed** (Victorious) (Vaughan's Formula Mixture). The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors. 1/64 oz., \$8.00.
- Each of the above: except where noted, 1,000 seeds, \$2.50. 500 seeds, \$1.40.



PETUNIA ALL-DOUBLE TYPE

Phlox Drummondii Grandiflora

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

Alba. White.	Flaming Velvet. Deep velvety red.
Alba Oculata. White with dark eye.	Isabellina. Buff yellow.
Brilliant. Rose with dark eye.	Kermesina Splendens. Crimson.
Carnea. Flesh color.	Rosea.
Chamois Rose.	Scarlet.
Cinnabarina. Brilliant red.	Stellata Splendens. Scarlet with white eye.
Cinnabar Scarlet. Most vivid scarlet.	Violet with white eye.
	Trade pkt. Oz.
Each of above.	1/4 oz., 75c \$0.30 \$2.40
Dark Violet Blue.	1/4 oz., 85c .30 3.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.	1/4 oz., 75c .35 2.80
Gigantea Art Shades. A new strain with flowers 1 1/2 in. in diameter	1/4 oz., 70c .35 2.40
Red Glory. Richest bright red with white eye.	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

NANA COMPACTA (Dwarf) 6 inch

Dwarf Phlox plants for combination pots are very useful. Grown in pots, they make fine plants for spring sales.

Chamois. Salmon rose.	Flaming Velvet. Deep velvety red.
Cinnabarina. Brilliant red.	Isabellina. Buff-yellow.
Delicata. Salmon-pink, carmine eye.	Mirabilis. Salmon-pink with white eye.
Fireball.	Snowball.
	Trade pkt. Oz.
Each of the above.	1/4 oz., 80c \$0.35 \$2.80
Vaughan's Special Dwarf Mixture.	1/4 oz., \$1.20 .35 4.00



PRIMULA—Giant Malacoides Snowflake

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 high-lighted by the lush green foliage. Trade Packet (about 1,000 seeds), \$1.00; 1/64 oz., \$2.00.

Primula Giorgis

(This is a cross between Primula Malacoides and Primula Chinen-sis Fimbriata.)

The flower formation is that of the Chinese Primrose, while the short compact thick foliage reveals the Malacoides blood. Finely fringed, double rowed, single flowers 1 1/4 inches in diameter. Dark green foliage. The color is a strong carmine rose with a strong yellow center. Trade pkt., \$1.50.

Primula

**Eriksson's Malacoides (Baby Primrose)
(ORIGINATOR'S SEED)**

Recent improvements in this Baby Primrose class have made them indispensable for Florist's use. September sown seed will produce nice plant 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.

Eriksson's New Red (1942 Introduction). A very unusual salmon-red, particularly suited for Valentine combinations. Highly recommended.

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.

Riverside Red Rose. A brilliant red rose of very even color from start to finish.

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.

Eriksson'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.

New Giant Primula 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 1/8 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), \$1.50.

Sweetheart. Flowers are a bright salmon pink bordered with a wide band of white softly flushed flesh pink with a touch of gold yellow in the center. The individual florets are one inch in diameter produced in many whorls on the long wiry stems. Trade Packet, \$1.50.

Mixture. Contains Snowflake, Enchantress and Sweetheart together with a good many others still in the developmental stage. Trade Packet (about 1,000 seeds), \$1.00.

Ranunculus

Sow seed from August to October in cold frame. Trade pkt. Oz. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft.

Vaughan's Super Hybrids Mixed	1/4 oz., \$1.40	\$0.50	\$5.00
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.	1/4 oz., \$1.25	.50	....
Claremont Hybrid Sunset. Orange. . . . .		.75	6.00
Bonnie Lassie. Pink. . . . .		.75	....
Huntsman. Red. . . . .		.75	6.00

Salvia Splendens

America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes. For delivery after harvest. 1/4 oz., \$1.20

Clara Bedman (Bonfire). Erect habit—the old standby, 16-inch. 1/4 oz., \$1.20

Early Harbinger (Fire Brand). Of uniform type, about 15 inches in height, free and early flowering. 1/4 oz., \$1.20

Vaughan's Masterpiece. Extra early, dwarf. 1/4 oz., \$1.80

SHAMROCK. Sow early.15 1.20

SMILAX. Ornamental foliage vine for floral decorations. lb., \$6.00 .15 .60

STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming in a cool house. 1/4 oz., 25c .15 .80

STEVIA Serrata. Fragrant white cut-flower.25

Lindleyana. White. Is very useful for florist work.35

STREPTOCARPUS. Large-flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. 1/64 oz., \$2.00 1.00

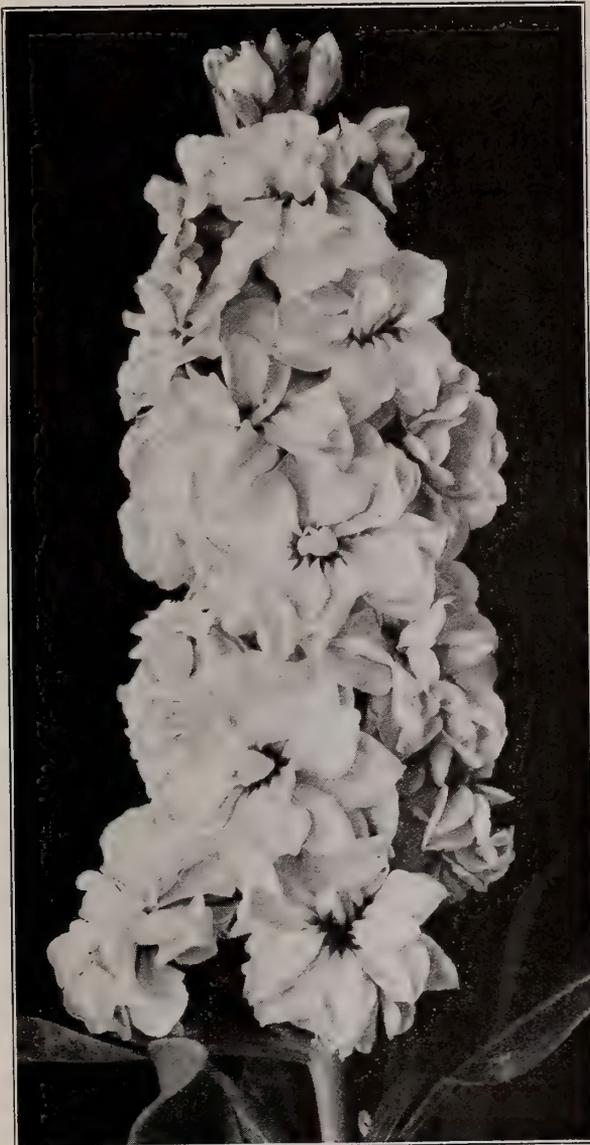
THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets.15 1.00

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.35

Vinca Rosea (Periwinkle)

This seed should be sown early 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.

		Trade pkt.	Oz.
Rosea, Pink	1/4 oz., 45c	\$0.25	\$1.40
Fl. Albo Oculata. White with pink eye.	1/4 oz., 45c	.25	1.40
Alba Pura. Pure white.	1/4 oz., 45c	.25	1.40
Delicata. Soft pink.	1/4 oz., 50c	.25	1.60
Kermesina. Bright red, dark green leaves with red stems.	1/4 oz., 50c	.25	1.80
Twinkles. Large flowers of an unusual soft blush pink with a bright red eye.	1/4 oz., 50c	.25	1.40
Mixed	1/4 oz., 40c	.25	1.40



STOCKS NON-BRANCHING COLUMN SILVER LILAC

Stocks

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.

	½ Trade	Trade pkt.	¼ Oz.
Apricot. New. Clear apricot or buff pink. Very lovely color. No. 20. ¼ oz., \$2.50.	\$0.60	\$1.00	.....
★Ball Blue. Dark lilac blue. Oz., \$9.00	.60	1.00	\$2.50
★Ball Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem. . . Oz., \$9.00	.60	1.00	2.50
★Ball Rose Pink (No. 14). A deep selection from Ball No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than Ball No. 11. Oz., \$9.00	.60	1.00	2.50

STOCKS NON-BRANCHING COLUMN—Continued

	½ Trade	Trade pkt.	¼ Oz.
★Chamois Pink. Not such a large percentage of doubles as other varieties. Oz., \$9.00	\$0.60	\$1.00	\$2.50
Gardenia. Flowers of the purest white. About 10 days later than Ball White No. 16, also taller. . . Oz., \$10.00; ½ oz., \$1.70	.60	1.00	3.00
La France. Deeper than Ball No. 11. ½ oz., \$1.50	.60	1.00	.....
Malmaison Pink. Beautiful shell pink. Oz., \$9.00	.60	1.00	2.50
Moonlight. Light yellow. Oz., \$9.00	.60	1.00	2.50
Ruby. Rich crimson red. Oz., \$9.00	.60	1.00	2.50
★Silvery Lilac. Oz., \$9.00	.60	1.00	2.50
★Vaughan White No. 1. We especially recommend this; in our judgment, the finest pure white Non-Branching Column Stock in existence. Oz., \$9.00	.60	1.00	2.50
White Ball No. 16. Semi-tall pure white. Oz., \$9.00	.60	1.00	2.50
White Tinged Rose. Oz., \$8.00	.60	1.00	2.25
★Yellow Wonder. Best yellow. Oz., \$12.00	.60	1.00	3.50
Special Florist Mixed. All colors. Oz. \$9.00; ½ oz., \$1.50	.60	1.00	.....

GIANTS OF CALIFORNIA (Super Giant Imperial)

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"	Rose Carmine "Sequoia"
Blue "Pacific"	Rose "Yosemite"
Chamois "Santa Barbara"	Velvety Violet (Mojave).
Lavender "Tahoe"	White "Santa Maria"
Pink "Monterey"	Yellow "Golden Gate"
Each of the above, trade pkt., 35c; ½ oz., 65c; ¼ oz., \$1.15; oz., \$4.00.	
Giants of California Mixed. Trade pkt., 25c; ½ oz., 60c; oz., \$3.40.	

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.

Antique Copper. Fine copper red.	
Appleblossom. (Used by many for white).	
★Buttercup. Deep golden yellow.	
★Chamois Dark Blue Elk's Pride. Royal purple.	
Flesh. Delicate pink. Fiery Blood-Red	
Golden Rose ★Lavender ★Lilac Old Rose ★Rose	
★Shasta. Vigorous, glistening white. Trade pkt. Oz.	
Each of the above. ½ oz., 60c; ¼ oz., \$1.00	\$0.35 \$3.00
Giant Bismarck, Mixed. All colors. ¼ oz., 60c	.25 2.20
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	.50 5.00

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

Blood-Red	Dark Blue	Lavender
Bright Pink	Deep Rose (Carmine pink)	Light Blue
Canary-Yellow		White
Trade pkt; Oz.		
Each of above. ¼ oz., 50c	\$0.25	\$1.60
Dwarf Large-Flowering. 10 Weeks. Extra choice		
Mixed. ¼ oz., 50c	.25	1.60

Our Trial Grounds, located at Western Springs, Illinois, are open to visitors during the summer and fall and we extend a cordial invitation to all interested in horticulture to visit them. Every variety is plainly marked.

Sweet Peas Early-Flowering Spencer Novelties

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.

All our Sweet Pea seed sent to you will be treated with Cuprocid (red copper oxide), unless ordered without this treatment. Treating seeds with Cuprocid before planting prevents damping off and other diseases.

Sweet Pea seed treated with Cuprocid **must not be soaked before sowing.**

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet 10c. Sweet Peas should be inoculated with Nitragin before planting.

Cavalcade. A new rich golden cerise. A white ground selection of the popular Sequoia and much brighter in color as it holds to this light base, vigorous grower. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Celestial. A soft and warm shade of cerise with salmon rose. Under artificial light a pleasing suffusion of coral is noted. Giant flowers on long stems. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Coquette. Coral pink with amber and salmon shadings on duplexed flowers. A gorgeous new sweet pea for corsage or bouquet work. Oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.80.

Dawn. Glowing deep chamois pink. The cream base and lively color make this pea superb under artificial light. The color is laid evenly on both standard and wings which gives a purity of tone greatly admired. Oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.80.

Evening Star. Sturdy grower with a heavy stem, holds its buds well even through the dark days of winter. Flower a warm Christmas Red and can be in crop for Christmas and through January. A favorite in the Eastern markets. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Fiesta. Brilliant orange cerise. A strong self color almost deep enough to be an orange scarlet. Vigorous grower, definitely sunproof. $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.80.

Gardenia. Fragrant velvety white flowers, ruffled and duplexed. An easily grown white seeded variety; especially well suited for cut flower production. $\frac{1}{2}$ oz., 25c; oz., 45c; 4 oz., \$1.40; lb., \$4.80.

Geranium. Warm colored salmon cerise, the salmon coloring appearing as an overlay upon the clear cerise of both wings and standard. $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Hiawatha. Deep rose self, flowers exceptionally large and bold faced, with a bit of white showing at the base of standard and wings. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.30; lb., \$4.40.

Miss Liberty. Rose carmine on white ground. A striking contrast of a pure white keel against a solid rose carmine background. Vigorous grower. $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.80.

Rhapsody. Rosy lavender. Has a deep lavender base color that is enlivened by dainty rose pink tints. Under artificial lighting, it seems much livelier than other lavenders. $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.80.

Rhumba. A glistening golden cerise, large flowered and deeply duplexed. Its sparkling golden hue increases the intensity and helps carry this self color right to the keel. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Signal. A fine new red; the best of its color; more intense color than Pride. Oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.40.

★**Snow Queen.** Pure white, black seeded, opens and retains white color. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Sparks. Bright orange scarlet, large flower, daintily frilled standard with wide spread wings. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$4.00.

Sterling is a large duplexed salmon rose with an abundant array of four and five graceful flowers on strong, heavy stems. Each flower is beautifully formed and of almost a self color, having only a trace of silvery-white in its base. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Tops. A fine salmon rose. Beautifully duplexed flower; five and six flowers to a stem, vigorous grower. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

★**Treasure Island.** A sparkling golden orange, very large flowered and semi-duplexed. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Twilight. A very vigorous grower. Highly productive. Long stems and extra large flowers. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.80.

Vivian Zvolanek. Clear deep carmine rose, long stemmed. $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each. $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

GENERAL LIST—EARLY-FLOWERING SPENCER

Any of the following, except where noted otherwise, $\frac{1}{2}$ oz., 25c; 1 oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

BLUE

Blue Bird. Violet blue. Fragrant.

Florist Blue. Pure blue.

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.

Top Hat. Deep purple-blue.

MAROON AND PURPLE

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

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

Elk's Purple. Long stemmed reddish purple.

★**Triumph.** Deep lilac mauve.

LAVENDER

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

Fragrance. Large frilled lavender flowers, fragrant.

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

Memory. Rosy lavender.

SALMON

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

Attraction. Bright salmon-pink.

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

Chime. Light salmon-pink on cream ground.

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

Mrs. Calvin Coolidge. Rich salmon-pink.

★**Skippy.** Light salmon-pink.

CREAM

Oriental. Deep cream, black seeded large flowers.

ORANGE

★**Ball Orange Improved.**

Forty-niner. Bright deep orange.

Valencia. Color bright orange, sunproof.

ROSE AND PINK

American Beauty. A rich crimson rose on white ground.

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

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

Delicious. Crushed strawberry color.

Eileen. Rich Begonia-rose with salmon shading.

Exposition. Pink. Rich pink.

Florist Rose. A pure rose-pink.

Giant Rose. Rose-pink. Fragrant.

SWEET PEAS EARLY FLOWERING SPENCER—Cont.

Each of the below except where noted otherwise, 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.00.

ROSE AND PINK—Continued.

- 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.
- Majestic Rose.** Immense deep rose-pink flowers on long stems.
- ★**Mrs. R. H. Holscher.** Rose-pink.
- Peeress.** Color is pleasing clear rose cerise.
- Pride.** Pure cerise, large flowers on long stems.
- Ramona.** Coral rose with yellow and pink shadings.
- Shirley Temple.** A soft rose-pink. It has long stems.
- Sonnet.** Large flowers, a soft pink shade, borne on long stout stems.
- ★**Titania.** Mammoth flowered deep rose self, with white ground at the base.

WHITE

- Ball White.** Large flowered, long stemmed, pure white.
- Burpee's White.** Glistening white, sweet scented.
- ★**Hope.** A mammoth-flowered black-seeded pure white.
- Snowstorm.** Superseded by **White Champion.**
- ★**White Harmony.** A standard black-seeded white.
- White Rose.** Pure white, white seeded.
- Vaughan's Special Mixture, Early Flowering Spencers** from named sorts. Oz., 30c; 1/4 lb., \$1.00; lb., \$3.60.

VERBENA

	Trade pkt.	Oz.	
Gigantea Alba. Very large, pure white...	1/4 oz., 50c	\$0.25	\$1.80
Annapolis blue. A deep Belladonna blue	1/4 oz.,	.50	
Appleblossom. Almost white shading to cameo-pink on the edge...	1/4 oz., 70c	.35	2.40
Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red...	1/4 oz., 70c	.35	2.40
Brilliant. Rich deep flame rose with medium sized white eye...	1/4 oz., 70c	.35	2.40
Cerise Queen. Salmon cerise...	1/4 oz., 70c	.35	2.40
Crimson Glow. A pure glowing crimson...	1/4 oz., 70c	.35	2.40
Etna. Geranium-red with a small creamy yellow eye...	1/4 oz., 70c	.35	2.40
Floradale Beauty. Large-flowered rose shades with salmon-rose predominating...	1/4 oz., 70c	.35	2.40
Lavender Glory. True lavender with creamy white eye. Fragrant. About 80% true...	1/4 oz., 70c	.35	2.40
Luminosa. Flame-pink, toning to softer shades of salmon flesh and coral...	1/4 oz., 70c	.35	2.40
Lucifer. Red...	1/4 oz., 70c	.35	2.40
Rosea Stellata. Pink, white eye...	1/4 oz., 70c	.35	2.40
Rose Cardinal. Bright red...	1/4 oz., 70c	.35	2.40
Royale. Royal blue with creamy eye...	1/4 oz., 70c	.35	2.40
Spectrum Red. Intense pure bright red...	1/4 oz., 70c	.35	2.40
Spitfire. Color is a strong scarlet rose self, that shows only a trace of an eye in each floret...	.50		
Sutton's Giant Pink. Salmon pink...	1/4 oz., 70c	.35	2.40
Violacea Stellata. Violet, white eye...	1/4 oz., 70c	.35	2.40
Gigantea. Mixed...	1/4 oz., 50c	.25	1.80
Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large, in many charming colors; 15-18 inch...	1/4 oz., 70c	.35	2.40
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion...	1/4 oz., 75c; 2 oz., \$4.60;	.35	2.60

Dwarf Verbenas

These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.

	Trade pkt.	Oz.
Carmine Ball. A beautiful erecta compacta Verbena similar in form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers...	1/4 oz., 80c	\$0.35 2.80
Blue Sentinel. Rich navy blue self color...	1/4 oz., 70c	.35 2.40
Chamois.	1/4 oz., 70c	.35 2.40

SCARLET

- Grenadier.** A glowing poppy-scarlet.
- Red Bird.** Bright crimson red.
- Redwood.** A deep, bright rich crimson.
- Vulcan.** Vivid scarlet.

SWEET PEA

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.

STANDARD VARIETIES

Blue. **Light Lavender.** **Lavender.** **Mauve.** **Rose-Pink.**
Each of the above, 1/2 oz., 30c; oz., 50c; 4 ozs., \$1.40; lb., \$4.80.

NEW VARIETIES

- Clear Pink.** Oz., 60c; 1/4 lb., \$1.40; lb., \$5.00.
- Black Seeded White Improved.** Outstanding pure white frilled flower. Oz., 40c; 1/4 lb., \$1.35; lb., \$5.00.
- Light Blue.** Rich light blue. 1/2 oz., 60c; oz., \$1.00; 4 ozs., \$3.40.
- Mixed All Colors.** Oz., 40c; 4 ozs., \$1.40; lb., \$4.80.

DWARF VERBENAS—Continued

	Trade pkt.	Oz.
Dark Blue.	1/4 oz., 70c	\$0.35 2.40
Fireball. Scarlet	1/4 oz., 70c	.35 2.40
Red Sentinel. 6-8 in. Fine compact variety of upright habit. Intense bright red without an eye. Duplicate in color of the Spectrum Red in the gigantea class.	1/4 oz., \$1.20	.50 4.00
Splendor. Flowers of intense scarlet with a contrasting large white eye.	1/4 oz., 50c	.25 1.80
Venus. Soft chamois pink.	1/4 oz., 70c	.35 2.40
White.	1/4 oz., 70c	.35 2.40
Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye.	1/4 oz., 70c	.35 2.40
Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and is a most complete mixture.	Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.	



VERBENA. Hybrida Dwarf Red Sentinel

Hardy Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. No orders filled for less than 5, except as noted. Varieties marked X are Rock plants.



PHEASANT'S EYE PHLOX, E. FARRINGTON

ACHILLEA Crimson Beauty. Light crimson. 2 ft. June-Sept..	10	100
Perry's White. Double white, 1½ ft.....	\$1.50	\$10.00
ANCHUSA Myosotidiflora. X. Blue. 1 ft. April.....	1.50	10.00
	1.75	12.00

AQUILEGIA (Columbine)

Coerulea. Blue and white. 2 ft. June.....	1.75	12.00
Crimson Star. Coppery crimson, long spurs. 2½ ft. June....	2.25	18.00
Imperial Hybrids. Choice Long Spurred Mixture.....	1.75	12.00
Mrs. Scott Elliott. Long Spurred Mixture. 2½ ft. June.....	1.50	10.00

ARABIS Alpina. X. White. 8 in. May.....	1.50	10.00
ARTEMISIA Silver King. Silvery foliage. 3 ft. Valuable as dried flower.....	1.75	12.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.....	1.75	12.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.....	1.50	10.00
ASTER Beechwood Challenger. Best and darkest red. 2½ ft.	2.25	18.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct.....	1.75	12.00
Mount Everest. White. 3 ft. Sept.....	2.25	18.00
Palmyra. Hardy semi-double. Pure pink.....	2.50	20.00
Red Rover. Rosy red. 3 ft. Sept.....	2.25	18.00
Skylands Queen. New. Clear blue. 3 ft. September.....	2.25	18.00
Wartburg Star. X. Lavender blue. 6 in. May.....	2.00	15.00

NEW DWARF VARIETIES

Countess of Dudley. Clear pink. 12 in. Sept.....	2.00	15.00
Niobe. Pure white. 6 in. Sept.....	2.00	15.00
Victor. Lavender blue. 8 in. Sept.....	2.00	15.00
Snowsprite. X. White. 6 in. Sept.....	2.00	15.00
BAPTISIA Australis. Blue. 3 ft. June-July.....	1.75	12.00

CAMPANULA

CAMPANULA Carpatica, Blue. X. 9 in. July-Aug.....	1.75	12.00
Carpatica Alba. X. White. 9 in. July-Aug.....	1.75	12.00
Persicifolia, Telham Beauty. Blue. 2 ft. June.....	2.25	18.00
Pride of Exmouth. Blue. Good for cutting.....	3.00	25.00
Pyramidalis. Blue. 5-6 ft. Aug.-Sept.....	1.75	12.00
Rotundifolia. (Blue Bells of Scotland). 1 ft. July-Aug.....	1.75	12.00
CARNATION Grenadin. 1 ft. July. Pink, yellow, red and white. These are all selected double.....	1.75	12.00
CHIVES. Herb for seasoning.....	1.75	12.00
CHRYSANTHEMUM		
Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty.....	2.00	15.00
Giant Double. Selected strain. 2½ ft. All summer.....	1.75	12.00
Hartje and Elder. White. ½ ft. Earliest to bloom.....	1.50	10.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.....	1.50	10.00

CLEMATIS Recta Grandiflora. White. 2 ft. June-July.....	\$2.00	\$15.00
COREOPSIS Lanceolata. Yellow. 2 ft. June-Aug.....	1.25	8.00
Grandiflora fl. pl. Double yellow. 2½ ft. June-Aug.....	1.75	12.00

DELPHINIUM (Perennial Larkspur)

DELPHINIUM Belladonna Improved. Light blue. 4 ft. All summer.....	1.50	10.00
Belladonna Blue Grotto. Deep blue, purple and cream center	1.50	10.00
Bellamosum Improved. Sparkling blue. 4 ft. All summer.....	1.50	10.00
Chinese Blue Mirror. Navy blue.....	1.50	10.00
Indigo (True blue). Indigo blue. 4 ft.....	1.50	10.00
Lamartine. Deep blue, white eye. 4 ft. July-Oct.....	1.50	10.00
Pacific Hybrids. (Vetterle and Reinelt.) World's best Delphinium. Blue Shades, 5 ft. All summer.....	2.25	18.00
White.....	2.25	18.00
Pacific Hybrids. Following named sorts in field grown plants.		
Blue Jay. Medium to dark blue.....	2.50	20.00
Black Knight. Darkest colors.....	2.50	20.00
Summer Skies. Light blue.....	2.50	20.00
Wrexham Strain. Hollyhock type.....	2.00	15.00

DIANTHUS

Atro-coccineus fl. pl. X. Deep scarlet. 1 ft. All summer..	1.25	8.00
Barbatus (Sweet William)		
Albus. White. 1 ft.....	1.25	8.00
Pink Beauty. 1 ft. June-July.....	1.25	8.00
Scarlet Beauty. Scarlet. 1 ft. June-July.....	1.25	8.00
Vaughan's Special Mixture.....	1.25	8.00
Beatrix. X. Salmon pink. Double. 10 in. All summer.....	1.75	12.00
Caesius. Rose. 4 inch. June-July.....	1.25	8.00
Crimson King. Crimson. Very double. 2 ft. All summer....	2.00	15.00
Neglectus Rose Cushion. X. 4 in. Deep pink. June.....	1.50	10.00
Silver Mine. Double white Beatrix.....	2.50	20.00
Plumarius		
Cyclops. Dark rose. 9 in. June-July.....	1.25	8.00
Spring Beauty. X. Double Glass Pink. 12 in. July.....	1.50	10.00
Vaughan's Special Mixture. X. Plumarius types.....	1.25	8.00
Little Joe X Crimson. 3 in. high. A fine disease-resistant novelty that does bloom from spring to frost.....	1.75	12.00

DICENTRA Spectabilis (Bleeding Heart).....	2.50	20.00
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July.....	2.25	18.00
Albus. White. 3 ft. June-July.....	2.25	18.00
DIGITALIS Grandiflora (Ambigua). Yellow. 2½ ft. June..	1.75	12.00
ECHINOPS Ritro. Steel-blue. 4 ft. July-Aug.....	1.75	12.00
EREMURUS (Foxtail Lily). Majestic flower spikes. 5 to 8 ft. in May.....		
Bungei. Golden yellow.....	Each, \$0.75	6.00 50.00
Himalaicus. White.....	Each, .75	6.00 50.00
ERIGERON Speciosus. Lavender blue. 1½ ft. July.....	2.00	15.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct.....	1.50	10.00
FOXGLOVE, See DIGITALIS.		
FUNKIA Coerulea Lanceolata. Mauve. 1½ ft. July.....	1.25	8.00
Japonica Aurea Marginata. Mauve. 1 ft. July.....	1.25	8.00
Subcordata Grandiflora. X. 1½ ft. White. August.....	2.50	20.00
Undulata Variegata.....	1.75	12.00
GAILLARDIA		
Burgundy. Wine-red. 2 ft. All summer.....	1.75	12.00
Mr. Sherbrook. Golden Yellow.....	2.00	15.00
New Hybrids. Mixed colors. 2 ft. All summer.....	1.50	10.00
GEUM, Lady Stratheden. X. Golden. 1½ ft. All summer....	1.75	12.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer.....	1.75	12.00
Fire Opal. X. 3 in. Rich Scarlet with Orange sheen.....	1.75	12.00
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. 3 in pots.....	2.00	15.00
Bodgeri. X. Double white. 1 ft. All summer.....	1.50	12.00
Flamingo. Double pink companion to Bristol Fairy. Spring crop light color.....	3.50	30.00
Oldhamiana. White tinted pink.....	1.75	12.00
Rosenschleier (Rosy Veil). Double pink. 2 ft. All summer..	1.75	12.00
Paniculata. White. 3 ft. June-July.....	1.25	8.00
HELENIUM Riverton Beauty. Gold. 4 ft. Sept.-Oct.....	1.75	12.00
RIVERTON GEM. Gold suffused terra cotta changing to wall-flower red.....	1.75	12.00
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.....	1.75	12.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower.....	1.75	12.00
GOLDEN RAYS. (Scabra Patula). Beautiful orange yellow novelty. Three rows of pointed, incised petals, large flat flowers.....	2.50	20.00

Hardy Perennial Plants

HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June.....	10	100	\$1.00	\$6.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June.....	1.00	6.00		
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.....	1.00	6.00		
Thunbergi. Golden yellow, 3 ft. July.....	1.00	6.00		

NEW HYBRID HEMEROCALLIS

Calypso. Pale lemon. July-Aug.....	2.00	15.00		
Cinnabar. Bronzy red suffused gold. June.....	3.50	30.00		
Citrina. Light yellow. July.....	2.00	15.00		
Hyperion. Vigorous citron-yellow. July-Aug.....	3.50	30.00		
Margaret Perry. Scarlet orange, suffused yellow. July.....	3.50	30.00		
Mikado. Orange, maroon blotches. June.....	3.50	30.00		
Ophir Giant. Golden yellow July.....	3.00	25.00		
THE GEM. Medium golden flowers. June-July.....	2.00	15.00		

HEUCHERA. Hoodacre Hybrids. Large flowers. Nice color range.....

Pink Mixture. A very good selection.....	2.00	15.00		
HIBISCUS (Mallow Marvels). Red, White or Pink. 5 ft.....	1.50	10.00		

HOSTA, see FUNKIA.

LATHYRUS Latifolius. Red or Pink. 3 ft. July.....	1.75	12.00		
LAVENDULA Vera. Lavender. 18 in. All summer.....	1.75	12.00		
LIATRIS Pycnostachya. Purple. 4 ft. July-Aug.....	1.50	10.00		
September Glory. New. Rosy purple. 4 ft. Sept.....	2.00	15.00		
Spicata Pumila. Dwarf, light purple. 2 ft. Sept.....	1.75	12.00		

LINUM Perenne. X. Blue. 1½ ft. May-Aug.....	1.50	10.00		
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug.....	1.75	12.00		
MERTENSIA Virginica. X. Light blue. 1½ ft. April-May.....	1.50	10.00		
MINT. Useful herb. Spearmint flavor.....	1.50	10.00		
MONARDA Didyma. Red. 3 ft. July-Aug.....	2.00	15.00		
Rosalie. Soft clear pink novelty.....	2.00	15.00		

MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in.....

NEPETA Mussini. X. Blue. 6 in. July-Sept.....	1.75	12.00		
PACHYSANDRA Terminalis. X. White. 3 in. May.....	.80	6.50		
PAPAVER Oriental (Beauty of Livermore). Dark red. 3 ft. May-June.....	2.00	15.00		
Jeanie Mawson. Geranium pink. 3 ft. May-June.....	2.25	18.00		
Joyce. Cherry red. 3 ft. May-June.....	1.75	12.00		
Mrs. Perry. Pink. 3 ft. May-June.....	1.75	12.00		
Olympia. Double orange scarlet. 3 ft. May-June.....	1.75	12.00		
Perry's White. Satiny white, dark center blotch. 3 ft. June.....	2.25	18.00		
Royal Scarlet. 3 ft. May-June.....	1.75	12.00		
Salmon Glow. Fine double salmon orange.....	3.50	30.00		

PENSTEMON Garnet. Rich red. 1½ ft. All summer.....

PHYSOSTEGIA Vivid. X. Bright pink. 2 ft. Aug.-Sept.....	1.75	12.00		
PLATYCODON Grandiflora Blue. 2 ft. All summer.....	1.50	10.00		
Alba. White. 2 ft. All summer.....	1.50	10.00		
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer.....	1.75	12.00		
POTERIUM Obtusum. 3 ft. Crimson catkins on graceful stems.....	1.50	10.00		

PRIMUM Veris (Hardy Primrose). X. Mixed colors. 6 in. April-May.....

Veris Kleynii. X. Large deep yellow. 8 in. April-May.....	2.00	15.00		
Veris Munstead Strain. X. Light yellow. 6 in. April-May.....	2.00	15.00		
Auricula. X. Mixed colors. 6 in. April-May.....	2.00	15.00		

PYRETHRUM Roseum. James Kelway. Red. 2 ft. May-June.....

Robinson's Crimson. New. Large dark red. 2 ft. May-June.....	2.00	15.00		
Roseum. Hybrid Mixture. 2 ft. May-June.....	1.50	10.00		
RANUNCULUS Acris Fl. Pl. Yellow. 2 ft. April-May.....	1.50	10.00		
ROSA Rouletti. X. Miniature bush. Rose pink. 8 in. All summer.....	2.00	15.00		

RUDEBECKIA Laciniata Fl. Pl. (Golden Glow). July-Aug.....

SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.....	1.50	10.00		
Officialis. Sage for seasoning.....	1.75	12.00		
Pitcheri. Deep blue. 4 ft. Aug.-Sept.....	1.75	12.00		
SCABIOSA Caucasica Perfecta. Light blue. 18 in. June-Oct.....	1.75	12.00		

SEDUM

SEDUM Acre. X. (Golden Moss). Yellow. 2 in. May-July.....	1.50	10.00		
Album. X. White. 2 in. May-July.....	1.50	10.00		
Sexangulare. X. Yellow. 3 in. June-July.....	1.75	12.00		
Sieboldi. X. Pink, silvery foliage. 4 in. Aug.-Sept.....	1.75	12.00		
Spectabile. Pink. 1½ ft. Aug.-Sept.....	1.75	12.00		
Spectabile Brilliant. Dark pink. 1½ ft. Aug.-Sept.....	1.75	12.00		
Spurium. X. Pink flowers, red foliage. 6 in. July-Aug.....	1.50	10.00		

SHASTA DAISY. See Chrysanthemum maximum.....

SILENE Schafta. X. Bright pink. 6 in. July.....	1.75	12.00		
SPIRAEA. Uimaria Fl. Pl. White. 2 ft. July.....	2.00	15.00		

STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug.-Sept.....	1.75	12.00	10	100
STOKESIA Cyanea. Sky-blue. 1 ft. Aug.-Sept.....	1.50	10.00		
Blue Moon. New. Light blue. 1½ ft. All summer.....	2.25	18.00		
TARRAGON, TRUE (Artemesia Dracunculus).....	1.75	12.00		
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July.....	1.75	12.00		
Dipterocarpum. X. Rosy purple. 4 ft. Aug.-Sept.....	1.75	12.00		
Glaucum. Bronze-yellow. 2 ft. June.....	1.75	12.00		
TRADESCANTIA Virginica. The original type.....	1.50	10.00		
TRILLIUM Grandiflorum. X. White. 12 in. May-June.....	1.25	8.00		
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug.-Oct.....	1.75	12.00		
TROLLIUS Golden Queen. Light orange. 3 ft. Spring and Fall.....	2.25	18.00		
Gold Quelle. Deep orange. 3 ft. June-July.....	2.25	18.00		
Ledebouri. Late. Orange.....	2.25	18.00		
New Hybrids. Orange and yellow shades. 2 ft. May-July.....	2.25	18.00		
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.....	1.75	12.00		

VERONICA (Speedwell)

VERONICA Incana. Blue, silvery foliage. 18 in. June.....	1.50	10.00		
Longifolia Subsessilis. Deep blue. 2 ft. July-Aug.....	2.00	15.00		
Rupestris. X. Blue. 5 in. June.....	1.75	12.00		
Spicata. Blue. 1½ ft. Aug.....	1.75	12.00		
Spicata Rosea. Pink. 1½ ft. July-August.....	1.75	12.00		
Spicata Rubra. Dark rose. 1 ft. Aug.-Sept.....	1.75	15.00		

VINCA Minor. (Grave Myrtle.) X. Blue. 6 in. Pot plants.....

Field grown.....	1.25	9.00		
Per 1000, \$70.00.....	.90	7.50		
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall.....	1.50	10.00		

VIOLET

Dbl. Russian. X. Hardy double blue. Very fine.....	2.00	15.00		
Frey's Fragrant. X. Single purple. 6 in. May.....	1.50	10.00		
Prince of Wales. X. Single, purple-violet. 6 in. May.....	1.50	10.00		
Rosina. X. Pink, sweet scented. 4 in. April-May.....	2.00	15.00		
YUCCA Filamentosa. White. 6 ft. July.....	1.00	7.00		

HARDY PHLOX (Phlox Decussata)

Aida. Deep rich purple.....	2.00	15.00		
Africa. Carmine red with darker eye.....	1.50	10.00		
Augusta (Patented). Brilliant cherry-red.....	3.00	18.00		
B. Comte. Amaranth purple.....	1.50	10.00		
Border Queen. Dwarf, watermelon pink.....	1.75	12.00		
Bridesmaid. White, bright red eye.....	1.50	10.00		
Champs Elysees. Fine dark purple.....	1.50	10.00		
Columbia. (Patented). Cameo pink, faint blue eye.....	3.00	15.00		
Daily Sketch. New. Immense salmon-pink, crimson eye.....	1.75	12.00		
E. Farrington. New. Soft salmon-pink, with lighter eye.....	1.50	10.00		
Europa. White, faint red eye.....	1.50	10.00		
Enchantress. Bright salmon-pink.....	1.50	10.00		
Feuerbrand. Large bright scarlet. Tall.....	1.75	12.00		
Flora Reidy. White. Medium height.....	1.50	10.00		
Goliath. Lt. reddish purple.....	1.50	10.00		
Harvest Fire. New. Glowing flame scarlet.....	2.25	18.00		
Leo Schlageter. New. Flame or orange scarlet.....	2.00	15.00		
Lillian. Cameo pink, lighter center.....	1.50	10.00		
Miss Lingard (Suffruticosa). Earliest to bloom. White.....	1.75	12.00		
Miss Verbloom. Lavender pink Lingard.....	1.50	10.00		
Miss Von Lassberg. Tall white.....	1.50	10.00		
Painted Lady. Soft silvery pink, dark red eye.....	1.50	10.00		
San Antonio. Carmine red, shaded plum red.....	1.75	12.00		
Sweetheart. Beautiful deep salmon pink. Excellent new variety.....	2.25	18.00		
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best.....	1.50	10.00		
Von Hochberg. Deep blood-red.....	2.00	15.00		
Mixed. Varieties with labels lost. Very good stock.....	1.25	8.00		

DWARF OR ALPINE PHLOX

Amoena. Rosy lilac blooms. May-June.....	1.50	10.00		
Divaricata Canadensis. X. Lavender blue. 10 in. April-May.....	1.50	10.00		
Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy Thrift. Rosy red. 1 in. diameter.....	2.50	20.00		
Subulata Alba. White. 4 in. April-May.....	1.50	10.00		
Atro-purpurea. Reddish purple. Compact. 4 in. Apr.-May.....	1.75	12.00		
Brittoni. X. Dwarf white. 4 in. April-May.....	1.75	12.00		
Mrs. G. F. Wilson. Lavender. 4 in. April-May.....	1.75	12.00		
Rosea. Rose-pink. 4 in. April-May.....	1.50	10.00		
Pink Cushion. X. Compact, free flowering form. 3 in.....	1.50	10.00		
Vivid. X. Dark salmon pink. 3 in. Spring.....	1.75	12.00		

Greenhouse Plant Department

CALADIUMS—Vaughan's Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.



FANCY-LEAVED CALADIUM

	Doz.	100	1,000
Rainbow Mixed	\$2.00	\$12.00	\$100.00
Named Varieties. Our selection	2.00	13.00	110.00
Named. Your selection of varieties	2.25	14.00	120.00
Unusual and rare varieties. All named	2.75	16.00	140.00

AFRICAN VIOLETS

	Doz.	100	1,000
Saintpaulia			
The following two varieties sold under license agreements.			
Blue Girl. Sport of Blue Boy of same color but improved growth. 2 1/4 inch.			\$17.50
Pink Beauty. A pink Sport of Blue Boy. (No shipments less than 100).			15.00
Blue Boy. 2 1/4 inch.			15.00
Blue Boy. 3 inch.			\$4.50 30.00

ASPARAGUS Plumosis Nanus or Sprengeri

	Per 100	1,000
Seedlings	\$1.50	\$12.50
2 1/4-inch		6.00

AZALEAS

Coral Bells, Hexe, Pink Pearl Salmon Beauty, Mme. Pericat, Hinodigeri, Snow and other varieties. 4 inch to 7 inch pots. Also grafted Indica Azaleas in standard forcing varieties, sizes up to 24 inch heads. Also most varieties in sizes for growing on. Spring delivery. Write for prices. Plants available October to December.

BEDDING PLANTS FOR SPRING

AGERATUM CARDINAL MUNDELEIN. Deep blue. Dwarf, bushy. Rooted Cuttings.	100	1000
	\$2.00	\$16.00
AGERATUM RIVERSIDE. Dwarf, large head of bloom. Rooted Cuttings.	2.00	16.00
LANTANAS. All the best named varieties. 2 1/4 inch.	6.00	55.00
PURPLE BEAUTY. Dwarf. Rooted Cuttings.	2.00	16.00
VERBENA. Beauty of Oxford, Helen Wilmot, Mayflower, Scarlet Beauty and other named varieties. Rooted Cuttings.	2.25	20.00
2 1/4 inch.	6.00	55.00
VINCA VARIEGATA. Rooted Cuttings.	2.00	15.00
2 1/4 inch.	5.00	45.00

BEGONIA

	100	1000
Christmas Cheer Red or Pink. 2 1/4-inch	\$6.50	\$60.00
Luminosa. 2 1/4-inch	6.50	60.00
Marjorie Gibbs. 2 1/4-inch. Write For Prices.		

CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids. 100 1000
Vaughan's Choice Hybrid Mixture. 2 1/4-inch \$ 8.00 \$ 75.00
Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy. 2 1/4-inch. 16.00 150.00

CARNATIONS

Write for our special list of Rooted Cuttings. Standard and New varieties.

CHRYSANTHEMUMS

Write for special list of Rooted Cuttings. New varieties and standard varieties, also those recommended for shading.

CINERARIAS

Cremer's Prize Mixture. 2 1/4-inch	\$6.50	\$60.00
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DAISY

Boston Yellow Improved	\$7.00	\$60.00
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DISH GARDEN PLANTS

Write for special quotations on succulents, cacti and small plants.

CYCLAMEN

Bright Red, New Salmon Rose, Glory of Wandsbeck, the famous Binnewies strain. Clean, healthy stock. Fall shipment.	Doz.	100
4-inch	\$ 6.00	\$40.00
5-inch	10.00	75.00
(2 1/4-inch Cyclamen available after Apr. 1st.) Write for prices.		

FERNS—BOSTON

	Doz.	100
5-inch	\$ 6.00	\$ 50.00
6-inch	8.00	75.00
7-inch	12.00	100.00
8-inch	Each, \$1.25 to \$1.50	
TABLE FERNS. Assorted varieties, Seedlings	100	1000
	\$2.50	\$22.50

FUCHSIAS

Little Beauty, Irwins Giant Pink, Double Blue, Alice Hoffman. 2 1/4-inch	6.50
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GERANIUMS

We are constantly in touch with Geranium Specialists. All stock offered is 2 1/4-inch or its equivalent.

Fiat. Salmon pink. Dwarf but prolific bloomer	100	1000
Fiat Queen (New). An improved Fiat with frilled and serrated blossoms	\$ 7.00	\$67.50
Lady Jane. Semi-dwarf, deep cherry red, good bloomer	20.00	
Mme. Buchner. Double white	6.50	60.00
Mme. Landry. Salmon pink with darker shading	6.50	60.00
Salmon Ideal. Popular salmon	6.50	60.00
Radio Red. Popular and well liked. Bright blood red	6.50	60.00
Wyona. Large substantial blooms and growth. Vivid light red	6.50	60.00

DOUBLE PETUNIAS

Rosalie. A short well shaped grower. Pleasing shade of pink.		
R. C.	7.50	60.00
2 1/4-inch	10.00	85.00

HYDRANGEAS FOR FORCING

Strong stock ready in November and December. All pot-grown plants. For Easter and Spring flowering. The following varieties and many others.

	4-inch each	5-inch each	6-inch each	7-inch each
E. Mouliere, White	\$0.30	\$0.40	\$0.60	\$0.75
Gertrude Glahn, Dark Rose	.30	.40	.60	.75
M. Foch, Early Deep Carmine	.30	.40	.60	.75
Neidersachsen, for bluing	.30	.40	.60	.75
Deutschland, Salmon pink	.30	.40	.60	.75
Europa, Early salmon pink	.35	.45	.70	.85
Hamburg, Early, Carmine	.35	.45	.70	.85
Merveille, Light red	.35	.45	.70	.85
Kunert, Early, Rose pink	.35	.45	.70	.85

DECORATIVE PLANTS

Lack of space prohibits listing of Palms, Cibotiums, Draceanas, and other Decorative Plants but we can supply excellent stock and will quote promptly on your requirements.

IVY Hahns Self-Branching. 2 1/4-inch	10	100
4-inch	\$0.90	\$ 8.00
Maple Queen (Patented). Small leaf. 2 1/4-inch	4.00	35.00
Heavy, 3-inch		12.50
Heavy, 4-inch		35.00
Merion Beauty. (Miniature). 2 1/4-inch	1.20	10.00
3-inch	2.50	20.00
Sylvanian Beauty (Patented). Larger leaf. 2 1/4-inch		12.50
Heavy, 3-inch		35.00
Heavy, 4-inch		50.00
PEPEROMIA Variegata. 2 1/4-inch	1.20	10.00
Obtusifolia. Green	1.25	10.00
PHILODENDRON. 2 1/4-inch	1.20	10.00
3-inch	2.50	22.50
4-inch	4.00	35.00
PATHOS AUREUS. 2 1/4-inch	1.20	10.00
SANSEVIERIA Hahnii. Dwarf rosette character. (Patented). 2 1/4-inch	20.00	
3-inch	35.00	

PELARGONIUMS

Azalea, Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Layal, Sue Jarrett, Wurtembergia.		
Prices on other varieties quoted upon request.	100	1000
Rooted Cuttings	\$ 8.00	\$ 75.00
2-inch	10.00	95.00
3-inch	14.00	130.00

PRIMULAS

PRIMULA. Obconica. 2 1/4-inch	7.00	65.00
PRIMULA. Malacoides. 2 1/4-inch	7.50	70.00
Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.		

We assume no transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed at once.

Soft plants are not shipped to distant points by freight.

Billing—25 of any one variety at the 100 rate; 250 at the 1,000 rate. No orders accepted for less than 25 except as noted.

Packing will be charged on all orders at cost.

Hardy German Iris

Special Offer

New Giant Flowering Irises

5 each of Black Wings, Blue Triumph, Ethelwyn Dubuar, Gudrun, Jean Cayeux, Junaluska, Naranja, No-We-Ta, Red Dominion, and Sierra Blue, 50 Irises (value \$7.03) for \$5.50.

There is no comparison between these new beauties and the old obsolete varieties. Plant out a good collection and sell the flowers on Decoration Day and the rhizomes in July, Aug. and Sept. You will be surprised at the demand you will have for them.



RED DOMINION

"S" refers to the three standard or upright curling petals.
"F" refers to the three falls or drooping petals.
All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow....	Each	10	100
Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.....	\$0.15	\$1.20	\$10.00
Angelus. 36 in. Mammoth flowers of bright pink blend with bluish flush on falls and golden haft. Fine form. Late.....	.50	4.50	.....
Baldwin. 40 in. Gigantic flowers of manganese violet..	.15	1.00	8.00
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster.....	.15	1.20	10.00
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced	.15	1.00	8.00
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size.....	.15	1.20	10.00
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow....	.25	2.00	.....
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red....	.20	1.75	.....
Cinnabar. 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape....	.10	.75	5.00
City of Lincoln. 40 in. Magnificent bicolor. Standards of bright yellow, falls rich, velvety red; golden edged..	1.00	.....	.....
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow.....	.10	.80	6.00
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen.....	.25	2.00	.....
Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration.....	.10	.75	5.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks.....	.15	1.20	10.00
Depute Nombot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris....	.15	1.20	10.00
E. B. Williamson. 36 in. Rich, glowing coppery-red with a silky sheen. Very unusual and extra fine....	.65	5.00	.....
El Capitan. 40 in. Huge light violet-blue flowers.....	.15	1.20	10.00
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class.....	.15	1.20	10.00
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.....	.15	1.00	8.00
Golden Treasure. 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous.....	.40	3.50	.....
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard.....	.10	.75	5.00
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat.....	.15	1.20	10.00
Helios. 44 in. Enormous, luminous, lemon yellow.....	.15	1.25	.....
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.....	.15	1.00	8.00
Indian Hills. 37 in. A stunning Iris of rich wine purple	.30	2.50	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.....	.20	1.50	12.00
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form	.35	2.50	.....
Lord of June. "S" floppy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.....	.10	.75	5.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue.....	.15	1.20	10.00
Midwest Gem. 36 in. Immense ruffled flowers of luminous apricot, flushed pink, on strong branching stalks.	.60	5.00	.....
Ming Yellow. 50 in. The perfect yellow iris. Vigorous in growth, strong foliage and stout, well branched stems	1.50	.....	.....
Missouri. 36 in. Clear vivid blue of sensational size....	.35	.....	.....
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.....	.10	.80	6.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" deep velvety crimson brown.....	.10	.80	.....
Naranja. 40 in. Large yellow with orange-yellow falls.	.20	1.50	12.00
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled....	.15	1.00	8.00
Ormohr. 40 in. Extra-large blooms of soft grey lavender, veined violet with rosy glow. Hardy. Easy to grow..	1.25	.....	.....
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink.....	.15	1.20	10.00
Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced.....	.15	1.20	10.00

Prairie Sunset. 34 in. Blend of peach, apricot, rose, copper and gold. Large blooms on hardy, free blooming plants.....	Each	10	100
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice.....	\$7.00	.....	.....
Princess Beatrice. Silvery lavender.....	.15	\$1.00	\$ 8.00
Radiant. 33 in. Very free blooming iris. Golden-brown standards and falls are a coppery red. Truly distinctive.	.10	.75	5.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention.....	.65	6.00	.....
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red.....	.15	1.00	8.00
Sable. 40 in. Almost perfect black with a silky sheen. Excellent form, hardiness, and intense color make it "tops".....	.15	1.20	10.00
Selene. Extra large white, a real giant. Never fails to bloom. Very fragrant; early.....	2.25	.....	.....
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.....	.10	.75	6.00
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.....	.15	1.00	8.00
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner.....	.20	1.75	15.00
Snowing. 40 in. Giant snow-white flowers. Vigorous.	.40	.....	.....
Taj Mahal. 36 in. A very fine pure white.....	.075	.....	5.00
The Black Douglas. 38 in. "S" dark violet; "F" blackish violet. A richly colored Iris of good form.....	.15	1.20	10.00
The Red Douglas. 40 in. Sensational, new vibrant red-purple of colossal size, gorgeously rich in color. The experts agree it's one of finest of all Irises.....	1.25	.....	.....
Valor. 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems.....	.10	.80	6.00
Wabash. 39 in. Dykes Medal 1940. "S" snowy white; "F" deep hyacinth-violet with white edge. The Iris experts agree it is the best Iris in commerce.....	1.00	.....	.....
War Eagle. 40 in. "S" light red-purple; "F" reddish-purple with black shadings. In effect, deep red....	.15	1.00	8.00

FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early-flowering varieties and have a habit of blooming again in the Autumn.

Autumn King. 30 in. A large blue-purple bicolor....	Each	10	100
Autumn Queen. A white companion to the Autumn King.....	\$0.15	\$1.00	\$ 8.00
Eleanor Roosevelt. 28 in. Deep velvety purple self..	.15	1.00	.....
Jean Siret. 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.	.15	.75	5.00
Lieutenant de Chavegnac. 15 in. Deep red-violet with same habits as Jean Siret.....	.15	1.00	7.00
Southland. 28 in. Clear chrome yellow of good size....	.15	1.00	8.00

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	.15	1.25	.....
Dorothea K. Williamson. A beautiful beardless Iris with large velvety flowers of vivid purple.....	.20	1.50	.....
Lord Wolsely. 40 in. Large blue-purple flowers.....	.20	1.50	.....
Pseudoacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	.15	1.25	.....
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.	.....	.....	.....
Cyanea. Fragrant rich crimson purple.....	.50	4.00	.....
Dixmude. "S" aniline blue; "F" rich purple.....	.10	.75	5.00
Orange Queen. Clear deep yellow.....	.10	.80	.....
Spring Skies. Lovely light blue, very beautiful shade.	.10	.80	6.00
SIBIRICA. Butterfly. Lovely porcelain blue.....	.60	4.00	.....
Emperor. Large flowers of deep violet-blue.....	.60	4.00	.....
Geo. Wallace. (Azure Blue.) "F" marked white.....	.50	3.00	.....
Orientalis. Rich, deep purple.....	.50	3.00	.....
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.....	.60	4.00	.....
Snow Queen. White.....	.15	1.00	8.00
Mixed.....	.....	.50	3.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	.15	1.00	.....

KAEMPFERI IRIS

Azure. Large delicate mauve-blue flowers. Double....	.30	2.25	18.00
Gold Bound. White with gold banded center. Double. Early.....	.30	2.25	18.00
Mahogany. Velvety mahogany red. Double.....	.30	2.50	22.00
Momigi-No-Taki. Variegated rosy carmine. Double..	.30	2.50	22.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	.30	2.25	18.00
Seacrest. Six large wavy white petals with a deep blue haft.....	.30	2.25	18.00

WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES.

Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

Prices are F. O. B. Western Springs, Ill., packing charges to be added at cost.

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 Alsace Lorraine. Creamy white, center tinted Havana brown. Very beautiful flower; late midseason...	\$0.30	\$2.00	\$18.00
8.7 Avalanche. A magnificent flower which opens like a rose. Pure snow-white, with a few pencillings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety.	.30	2.50	20.00
9.0 Baroness Schroeder. Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby-pink, changing to creamy white. One of our best cut flower varieties and an excellent keeper in storage.	.30	2.50	22.50
8.1 Duchess de Nemours. Superb, cup-shaped, sulphur-white flowers with a greenish reflex that lights up the entire flower. Early, free bloomer; fragrant. Good commercial variety.	.25	2.00	17.50
9.1 E. B. Browning. A very large white. Late.	.40	3.50	.....
8.9 Enchantresse. Large creamy white. Rose type very late.	.40	3.00	25.00
9.3 Festiva Maxima. Very popular large white. Early.	.25	2.00	17.50
9.1 Frances Willard. Exquisite bluish-white, of good substance and a fine cut flower variety.	.30	2.50	20.00
8.9 Jubilee. Very large ivory-white; early.	.30	2.50	20.00
9.5 Kelway's Glorious. Cream white; midseason.	.90	7.50	.....
9.1 La Lorraine. Enormous blooms of creamy-white, overlaid with soft pink. Good showy variety.	.75	6.00	.....
8.3 La Rosiere. White with cream-white center; semi-double; midseason.	.30	2.00	15.00
9.4 LeCygne. Exceptionally fine white.	1.50	12.50	.....
7.9 Mad. de Verneville. Fragrant flowers, very full double, pure white, with center delicately tinted blush. Early.	.25	1.75	15.00
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason.	.40	3.00	25.00
8.3 Mons. Dupont. Large ivory-white; fragrant; midseason.	.30	2.00	15.00
9.5 Mrs. J. V. Edlund. Pure white of perfect form.	7.50	.....	.....
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; midseason.	.50	4.00	.....
9.2 Solange. Deep cream, tinged with amber. Late.	.40	3.00	25.00
9.4 Tourangelle. Pearl-white overlaid with delicate shades of salmon. Late.	.40	3.50	25.00

LIGHT AND DARK PINK AND ROSE

8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason.	.30	2.50	20.00
7.6 Edulis Superba. Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant.	.25	2.00	15.00
9.1 Edwin C. Shaw. Rose-pink; fragrant. Late midseason.	.60	5.00	.....
8.8 E. G. Hill. Carmine rose; early midseason.	.25	1.75	15.00
8.9 Georgiana Shaylor. Pale rose-pink; midseason.	.35	3.00	25.00
9.1 Hansina Brand. Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower.	2.00	17.50	.....
7.9 Jeanne d' Arc. Soft pink, intermingled with petals of bright pink and sulphur-yellow.	.25	1.50	12.00
9.1 Lady A. Duff. Enormous pale pink; midseason.	.30	2.50	.....
9.0 La France. Soft appleblossom-pink; late midseason.	.50	4.00	30.00
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant.	.25	2.00	15.00
7.9 Mad. Ducl. The color and form of this variety are almost identical with those of the popular Mons. Jules Elie, but the size of the bloom is smaller and there are more of them. A fine midseason variety for cutting.	.25	1.75	15.00
9.1 Martha Bullock. Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety.	.50	3.50	30.00
9.0 Milton Hill. Delicate lilac-pink. Rose type; late.	.40	3.50	.....
9.2 Mons. Jules Elie. By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety.	.35	3.00	25.00
9.1 Myrtle Gentry. Immense flowers of wonderful substance; pink-tinted flesh and salmon; fragrant.	1.00	7.50	.....
8.5 Octavie Demay. Delicate hydrangea-pink. Dwarf. Early.	.25	2.00	15.00
8.7 President Taft. See Reine Hortense.			
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes.	.35	2.00	18.00
9.0 Sarah Bernhardt. One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason.	.35	2.50	20.00
9.1 Souvenir de Louis Blot. Large blooms of brilliant rose, turning salmon-pink. Midseason.	.40	3.50	30.00



FELIX CROUSSE



JAPANESE PEONY

	Each	10	100
9.5 Therese. Immense, flat blooms of violet rose changing to lilac-white; early midseason.	\$.50	\$4.00	\$35.00
8.3 Venus. Delicate shell-pink. Crown type; midseason.	.25	2.00	17.50
9.3 Walter Faxon. Bright delicate rose.	.50	4.00	35.00

RED AND CRIMSON

8.6 Cherry Hill. Deep garnet with conspicuous sheen; early.	.40	3.50	.....
8.4 Felix Crousse. Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety.	.25	2.00	17.50
8.2 Grover Cleveland. Rich dark crimson; late.	.30	2.50	20.00
8.8 Karl Rosefield. Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early.	.25	2.00	17.50
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason.	.40	3.00	25.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free bloomer and a strong grower; delightful fragrance; midseason.	.40	3.00	.....
8.2 Mme. Gaudichau. Brilliant dark red. Late.	.50	4.00	.....
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex.	.75	6.00	.....
8.6 Officinalis Rubra Plena. Old-fashioned early red usually in bloom by Decoration Day.	.40	3.50	30.00
9.2 Philippe Rivoire. Perfectly formed flowers of very dark crimson; velvety sheen; fragrant; late.	1.00	9.00	.....
8.8 Richard Carvel. Large globular flowers of uniform bright crimson. Tall annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually in bloom for Decoration Day.	.40	3.00	27.50
Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early.	1.25	10.00	.....

JAPANESE-FLOWERED PEONIES

9.2 Ama-No-Sode. Bright rose, shading lighter toward the edge of the petals; considered the best pink.	1.00	9.00	.....
9.2 Fuyajo. Rich dark maroon guards.	.60	5.00	.....
8.2 Gold Mine. Petals deep rose; deep gold center.	.30	2.00	15.00
9.3 Isani Gidui. Large pure white with buff-yellow center. Spectacular and very beautiful.	1.75	15.00	.....
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold.	.50	3.50	.....
Ruigeino. Clear red with golden petaloids.	.40	3.50	.....
8.0 Torpilleur. Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow.	.30	2.00	17.50

SINGLE PEONIES

Unusually fine for Landscape Work

8.4 La Fiancee. Pure white.	.35	3.00	25.00
Single Pink. Large clear pink.	.25	2.00	15.00
7.3 Veloutine. Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex.	.25	2.00	15.00
7.6 Vesuve. Dark red.	.30	2.00	15.00

TREE PEONIES

2-year old grafted planted in 5-inch pots

Lactea. Pure white, blotched carmine	2.25	.....	.....
Reine Elizabeth. Very large, bright salmon-pink.	2.25	.....	.....
Souv. De Maxine Cornu. Enormous flowers, 8 inches or more across, with wrinkled petals of deep yellow, heavily shaded orange; fragrant.	5.00	.....	.....
Souv. De Ducher. Large, globular blooms of bright reddish violet with silvery reflex.	2.75	.....	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.	\$0.20	\$1.50	\$10.00
Double White.	.20	1.75	12.00
Double Red.	.20	1.75	12.00
Double Mixed.	.15	1.00	8.00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. These cases contain 75 double pink, 75 double red and 50 double white, each color separate—200 roots in all, 3 to 5 eye divisions.

Price per case, \$18.00. We cannot divide cases.

Vaughan's Roses for Florists



JOANNA HILL

Hybrid Tea Roses

Prices of the following, except where noted. Each, 45c; 10, \$4.00; 100, \$38.00.

Duquesa de Penaranda. Large double flowers of cinnamon-peach color. Each, 50c; 10, \$4.50.

Etoile D'Hollande. A brilliant dark red rose of magnificent size and perfect form; very fragrant.

E. G. Hill. Long, perfectly formed buds and full double flowers of dazzling scarlet.

Editor McFarland. Clear brilliant pink on long cutting stems. Extra fine variety. Good grower.

Gruss An Teplitz. Brilliant red. One of the most prolific bloomers of all.

Joanna Hill. A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

Leonard Barron. Mammoth flowers of salmon with an amber glow; hardy.

Margaret McGredy. A most magnificent rose. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet.

Mme. Butterfly. Vigorous, bushy plants. Beautiful pointed buds; color light pink with deep shadings of apricot and gold at its heart.

Mme. Edouard Herriot. Semi-double flowers of brilliant orange-red and salmon. Good forcing variety.

Mme. Joseph Perraud. Long, slender, pointed nasturtium-orange buds which open to sweetly fragrant flowers of a charming nasturtium-buff, flushed pink at the margins. Each, 60c; 10, \$5.00.

Mme. Jules Bouche. Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

Mrs. E. P. Thom. Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

President Herbert Hoover. A lovely blend of orange-yellow, flame, vivid rose-pink and scarlet.

Radiance. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

Southport. Fine flowers of exceedingly brilliant scarlet, unaffected by the weather. Very showy.

Souv. de Claudius Pernet. Very popular clear yellow rose.

Souv. de Mme. C. Chambard. Large, perfectly formed flowers of coral-pink, tinted peach.

Hybrid Tea Roses For Forcing

As Polyantha Roses are scarce this year, we would suggest you try forcing the Hybrid Tea varieties. Many Florists have found that the public prefers these, as they like a Rose to plant in the garden.

For complete list of Hybrid Tea and New Patented Roses, ask for our Spring Book for Florists, ready in December.

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

FORCING ROSES Polyantha and Baby Roses

PRICES of the following. Forcing Grade. Each 45c; 10, \$4.00; 100, \$36.00.

Crimson Baby Rambler. Still a favorite. Light crimson flowers in clusters of 30 to 40.

Gloria Mundi. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

Golden Salmon. Bright orange-salmon flowers in huge clusters. Blooms continuously.

Ideal. Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

Mrs. R. M. Finch. Double soft rosy-pink flowers, two inches in diameter.

Rosenelfe. Unusually beautiful, silvery rose-pink flowers of Gardenia-like form. They are very double and about 2½ inches across.

Triomphe Orleans. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

New Patented Roses

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

Blaze. Cl. (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

Betty Prior. Floribunda. (Pat. No. 340.) Exquisite single pink blooms, in large clusters. Each, 50c; 10, \$4.50; 100, \$40.00.

Crimson Glory. (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 75c; 10, \$7.00; 100, \$60.00.

Doblooms. Cl. Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double, rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, 60c; 10, \$5.50; 100, \$50.00.



POLYANTHA FORCING ROSE



PATENTED ROSE BLAZE

NEW PATENTED ROSES—Continued

Eclipse. (Patent No. 172.) Internationally famous Rose of new form. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 75c; 10, \$7.00; 100, \$60.00.

Rochester. Floribunda. (Patent No. 131.) Produces a continuous mass of beautiful flowers. Full double blooms, creamy white, tinted with the colors of an Oriental pearl. Foliage heavy and disease resistant; growth vigorous; hardy. Each, 75c; 10, \$7.00.

Signora. (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 60c; 10, \$5.50; 100, \$50.00.

Snowbank. (Pat. No. 279.) Floribunda. Buds orange-buff, opening to semi-double blush-white flowers turning to pure white. Low growing; always in bloom. Each, 60c; 10, \$5.50; 100, \$50.00.

Sterling. (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 60c; 10, \$5.50; 100, \$50.00.

The New Dawn. Cl. (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

World's Fair. Floribunda. (Patent No. 362.) Large clusters of velvety, black-scarlet flowers, nearly 4 inches across, with 18 to 20 petals. Blooms continuously; fragrant. Luxuriant foliage. Each, 60c; 10, \$5.50.

Hardy Hybrid Perpetual Roses

PRICES of the following. 2-year, No. 1. Each, 45c; 10, \$4.00; 100, \$38.00.

Frau Karl Druschki. (White American Beauty). The best white.

Magna Charta. Bright rosy pink.

Ulrich Brunner. Cherry crimson.

Climbing Roses

PRICES, except where noted. Each, 45c; 10, \$4.00; 100, \$35.00.

Bonfire. Best red rambler. Many heavy trusses of small double crimson-scarlet blooms.

Mary Wallace. Well formed, semi-double flowers of a bright clear rose-pink, with a salmon base. Flowers usually 4 inches in diameter.

Paul's Scarlet Climber. Large, well-shaped flowers of a vivid scarlet-red that does not fade.

Ornamental and Flowering Shrubs

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 25 plants of one kind supplied at 100 rate.



PHILADELPHUS Grandiflorus

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	\$0.30	\$2.50	\$20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
ALMOND. See Prunus Glandulosa.			
AMELANCHIER Canadensis (Shadblow) 2 to 3 ft.	.40	3.50	.....
AMPORPHA Fruticosa. 3 to 4 ft.	.30	2.25	20.00
4 to 5 ft.	.35	3.00	25.00
ARALIA Spinosa (Devil's Walkingstick). 3 to 4 ft.	.45	3.50	.....
4 to 5 ft.	.60	4.50	.....
5 to 6 ft.	.75	6.00	.....
ARONIA Arbutifolia. 18 to 24 in.	.35	3.00	25.00
2 to 3 ft.	.40	3.50	30.00
Melanocarpa Nigra. 3 to 4 ft.	.50	3.50	30.00
4 to 5 ft.	.60	4.00	35.00
BERBERIS (Barberry)			
Koreana (Korean Barberry). Beautiful new variety, growing 6 ft. tall. Good foliage, richly colored in autumn. Bright red berries which persist over the winter.			
3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
Mentorensis. (Patent No. 99). (New Evergreen Barberry). 18 to 24 in.	.50	3.50	27.00
Thunbergii. 18 to 24 in.	.25	1.75	14.00
24 to 30 in.	.30	2.50	18.00
Thunbergii Atropurpurea. 15 to 18 in.	.25	2.00	17.50
18 to 24 in.	.35	3.00	25.00
Thunbergii Pluriflora Erecta (Truehedge Columnberry). (Patent No. 110). 18 to 24 in.	.35	2.75	22.00
CALYCANTHUS Floridus (Sweet Shrub) 18 to 24 in.	.30	2.00	.....
CARAGANA Arborescens (Siberian Pea Tree)			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.35	2.50	20.00
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.20	1.75	16.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
Amomum (Silky Dogwood). 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.25	20.00
5 to 6 ft.	.35	3.00	25.00
Baileyi. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	.....
Sanguinea (Bloodtwig Dogwood). 2 to 3 ft.	.25	2.00	16.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
Stolonifera Flaviramea. (Goldentwig Dogwood).			
2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

	Each	10	100
COTONEASTER Acutifolia. 2 to 3 ft.	\$0.30	\$2.75	\$25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	.....
CRAB. See Malus, page 32.			
CRATAEGUS. See page 32.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	16.00
24 to 30 in.	.35	3.00	25.00
EUONYMUS Alatus (Burning Bush). 2 to 3 ft.	.90	7.50	.....
3 to 4 ft.	1.25	.....	.....
4 to 5 ft.	1.75	.....	.....
Alatus Compacta. 18 to 24 in.	.90	8.50	.....
24 to 30 in.	1.25	.....	.....
2½ to 3 ft.	1.75	.....	.....
3 to 3½ ft.	2.25	.....	.....
Europaeus. (European Burning Bush). 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.50	40.00
5 to 6 ft.	.60	5.50	50.00
Radicans Colorata. (Bronze Winter Creeper). Foliage bright red during the winter months. 2-year.	.25	2.00	18.00
3-year.	.30	2.50	20.00
4-year.	.35	3.00	22.50
5-year.	.40	3.50	25.00
Radicans Vegetus. (Bigleaf Wintercreeper). A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	.45	4.00	.....
15 to 18 in.	.75	6.00	.....
15 to 18 in., B. & B.	1.00	9.00	.....
18 to 24 in.	.90	7.50	.....
18 to 24 in., B. & B.	1.50	12.50	.....
FORSYTHIA Intermedia. 2 to 3 ft.	.25	1.80	16.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	2.70	22.00
5 to 6 ft.	.40	3.00	25.00
Intermedia Spectabilis. 2 to 3 ft.	.30	2.00	18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.50	30.00
Ovata. 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
Suspensa (Weeping F.). 2 to 3 ft.	.30	2.50	22.00
3 to 4 ft.	.35	3.00	25.00
Suspensa Fortunei. 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	30.00
HAMAMELIS Vernalis (Winterblooming Witch-Hazel). 2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	1.00	9.00	.....
HYDRANGEA Arborescens Grandiflora.			
18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.50	30.00
Paniculata Grandiflora. 18 to 24 in.	.35	2.50	22.50
2 to 3 ft.	.40	3.00	27.50
Quercifolia (Oakleaf H.) 18 to 24 in.	.50	4.50	.....
ILEX Verticillata (Common Winterberry). 2 to 3 ft.	.45	4.00	.....
3 to 4 ft.	.50	4.50	.....
KOLKOWITZIA Amabilis. 2 to 3 ft.	.75	6.50	.....
3 to 4 ft.	.90	8.50	.....
LIGUSTRUM Amurense. (Armor Privet, North).			
18 to 24 in., heavy cut-back.	1.20	10.00	.....
2 to 3 ft., heavy cut-back.	1.50	12.00	.....
3 to 4 ft., heavy cut-back.	1.75	15.00	.....
4 to 5 ft., heavy cut-back.	2.50	20.00	.....
Iboliun. 2 to 3 ft., heavy cut-back.	1.50	12.00	.....
3 to 4 ft., heavy cut-back.	1.75	15.00	.....
4 to 5 ft., heavy cut-back.	2.50	20.00	.....
Ibota. 18 to 24 in., heavy.	1.25	10.00	.....
2 to 3 ft., heavy.	1.50	12.50	.....
3 to 4 ft., heavy.	2.50	20.00	.....
Ibota Regelianum. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Vulgare (European Privet). 2 to 3 ft.	1.50	12.00
3 to 4 ft.	1.75	15.00

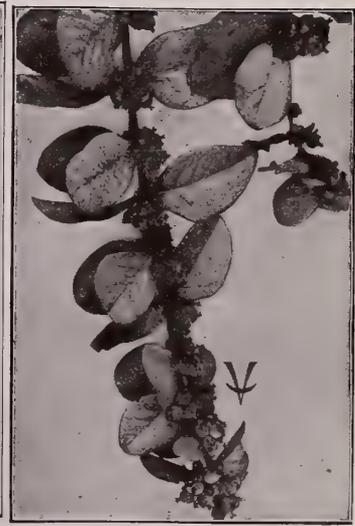
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All Prices except where noted are F. O. B. Our Nurseries, Western Springs, Ill.

ORNAMENTAL SHRUBS—Continued.	Each	10	100
LIGUSTRUM—Continued.			
Chinese Elm Hedging—See <i>Ulmus Pumila</i> under Trees, page 32.			
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle).			
<i>Bella Albida</i> . 3 to 4 ft.	\$0.30	\$2.50	\$22.50
4 to 5 ft.	.35	3.00	25.00
<i>Demissa</i> . 2 to 3 ft.	.33	2.50	.....
3 to 4 ft.	.40	3.00	.....
<i>Fragrantissima</i> (Winter Honeysuckle). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
<i>Korolkowi Floribunda</i> . 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
<i>Maaeki Podocarpa</i> . (Late Honeysuckle). 3 to 4 ft.	.40	3.50	.....
4 to 5 ft.	.50	4.00	.....
5 to 6 ft.	.60	5.00	.....
<i>Ruprechtiana</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
<i>Tatarica Alba</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.35	3.00	22.50
4 to 5 ft.	.40	3.50	25.00
5 to 6 ft.	.50	4.00	30.00
<i>Tatarica Rosea</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	22.50
4 to 5 ft.	.40	3.50	30.00
<i>Tatarica Rubra</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
PHILADELPHUS (Mockorange)			
<i>Bouquet Blanc</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
<i>Coronarius</i> . 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	22.50
5 to 6 ft.	.40	3.50	25.00
<i>Favorite</i> . 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.50	25.00
<i>Grandiflorus</i> . 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.35	3.00	25.00
<i>Lemoinei</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	22.50
<i>Norma</i> . 3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
<i>Virginal</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.50	40.00
PHYSCARPUS Opulifolius. (Common Ninebark).			
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	35.00
<i>Opulifolius Aureus</i> . (Goldenleaf Ninebark). 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.50	25.00
PRUNUS Glandulosa (Flowering Almond).			
<i>Sinensis</i> (Double Pink). 2 to 3 ft.	.45	4.00	35.00
3 to 4 ft.	.60	5.00	.....
<i>Nana</i> (Dwarf Siberian Almond). 18 to 24 in.	.40	3.00	25.00
<i>Triloba</i> . See Trees, page 32.			
RHAMNUS Cathartica (Buckthorn). 3 to 4 ft.			
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.00	25.00
RHODOTYPOS Kerrioides. 18 to 24 in.			
2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.75	25.00
RHUS Canadensis. 18 to 24 in.			
2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.50	.....
<i>Cotinus</i> (Smoketree). 2 to 3 ft.	.60	5.50	.....
3 to 4 ft.	.75	7.00	.....
<i>Typhina Laciniata</i> (Shredded Sumac). 2 to 3 ft.	.30	2.50	.....
3 to 4 ft.	.40	3.00	25.00
ROBINIA Hispida (Rose Acacia). 3 to 4 ft.			
4 to 5 ft.	.50	4.00	.....
5 to 6 ft.	.60	5.00	.....
ROSA			
<i>Hugonis</i> . 2-year.	.40	3.00	27.50
<i>Rugosa Belle Poitevine</i> . 2-year.	.30	2.50	.....
3-year.	.35	2.75	25.00
<i>Hansa</i> . 2-year.	.35	3.00	25.00
<i>F. J. Grootendorst</i> . 2-year.	.35	3.00	.....
<i>Rugosa Pink Grootendorst</i> . 2-year.	.35	3.00	25.00
<i>Spinosa Altica</i> . 2 year.	.30	2.50	20.00
SALIX Discolor (Pussy Willow). 4 to 5 ft.			
5 to 6 ft.	.40	3.50	30.00
6 to 8 ft.	.50	4.00	35.00
<i>Pentandra</i> . (Laurel Willow). 5 to 6 ft.	.35	3.00	25.00
6 to 8 ft.	.50	4.00	35.00
<i>Purpurea Nana</i> . (Dwarf Blueleaf Arctic Willow).			
18 to 24 in.	.40	3.00	25.00
24 to 30 in.	.50	4.00	35.00
SAMBUCUS Canadensis Acutiloba. (Cutleaf American Elder). 3 to 4 ft.			
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	30.00
SORBARIA Sorbifolia. (Ural False Spiraea). 2 to 3 ft.			
3 to 4 ft.	.25	2.25	20.00
4 to 5 ft.	.30	2.50	22.50
SPIRAEA Arguta. 2 to 3 ft.			
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
<i>Bumalda Anthony Waterer</i> . 15 to 18 in.	.25	2.00	18.00
18 to 24 in.	.30	2.50	20.00
<i>Froebeli</i> . 18 to 24 in.	.25	1.80	14.00
24 to 30 in.	.30	2.00	16.00
30 to 36 in.	.35	2.50	18.00

SPIRAEA—Continued.	Each	10	100
<i>Thunbergi</i> . 2 to 2½ ft.	\$0.30	\$2.50	\$20.00
<i>Trichocarpa</i> (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	22.50
<i>Van Houttei</i> (Bridal Wreath). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	17.50
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.00	25.00
SYMPHORICARPOS Chenaulti. 2 to 3 ft.			
3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.50	18.00
<i>Racemosus</i> . (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	15.00
4 to 5 ft.	.30	2.00	17.50
<i>Vulgaris</i> (Indian Currant). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.60	14.00
SYRINGA Josikaea. 3 to 4 ft.			
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
<i>Persian Purple</i> . 2 to 3 ft.	.30	2.50	22.50
3 to 4 ft.	.35	3.00	25.00
<i>Villosa</i> . 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	.....
<i>Vulgaris Purpurea</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	.....
NAMED FRENCH VARIETIES.			
<i>Charles X, Ludwig Spaeth</i> . 2 to 3 ft.	.75	6.50	.....
<i>Charles X, Charles Joly, Jean Mace, Mad. Lemoine, Pres. Grevy</i> . 3 to 4 ft.	.90	8.00	.....
<i>Charles Joly, Montaigne</i> . 4 to 5 ft.	1.25	11.50	.....
<i>Jan Van Tol, Katherine Havemeyer, Rhum Von Horstenstein</i> . 3 to 4 ft.	1.50	.....	.....
2 to 3 ft.	1.50	.....	.....
<i>Lucie Baltet</i> . 18 to 24 in.	1.25	.....	.....
2 to 3 ft.	1.50	.....	.....
TAMARIX Africana. 3 to 4 ft.			
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
6 to 7 ft.	.40	3.50	30.00
VIBURNUM Americanum. 2 to 3 ft.			
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
<i>Carlesi</i> . 15 to 18 in. B. & B.	1.50	.....	.....
18 to 24 in. B. & B.	2.00	.....	.....
<i>Dentatum</i> . 2 to 3 ft.	.30	2.50	20.00
<i>Fragrans</i> . 2 to 3 ft. B. & B.	2.00	.....	.....
3 to 4 ft. B. & B.	3.50	.....	.....
<i>Lantana</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
<i>Lentago</i> . 3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.75	6.50	.....
<i>Opulus</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
<i>Opulus Nanum</i> . 9 to 12 in.	.50	4.00	.....
12 to 15 in.	.60	5.00	.....
<i>Opulus Sterile</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.60	5.00	40.00
<i>Sieboldi</i> . 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.60	5.00	45.00
5 to 6 ft.	.75	6.00	.....
ULMUS Pumila, Chinese Elm Hedging—See Trees.			
WEIGELA			
<i>Abel Carrieri</i> . 2 to 3 ft.	.30	2.50	.....
<i>Floribunda</i> . 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	.....
<i>Rosea</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00



SYMPHORICARPOS Racemosus



SYMPHORICARPOS Vulgaris

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Vaughan's Evergreens

Prices listed, unless otherwise noted, include balling and burlapping. All our Evergreens are two or more times transplanted.

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue-green foliage. 18 to 24 in.	Each	10
2 to 2½ ft.	2.50	22.50
2½ to 3 ft.	3.00	27.50
3 to 3½ ft.	3.50	32.50
3½ to 4 ft.	4.50	42.50
4 to 4½ ft.	5.50	.....
4½ to 5 ft.	7.00	.....
5 to 5½ ft.	8.00	.....
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.	Each	10
12 to 15 in.	.90	7.50
15 to 18 in.	1.15	10.00
18 to 24 in.	1.50	13.50
24 to 30 in.	2.00	17.50
2½ to 3 ft.	2.50	22.50
Chinensis Keteleeri (Keteleer J.) 2½ to 3 ft.	Each	10
3 to 3½ ft.	3.50	32.50
3½ to 4 ft.	3.75	35.00
4 to 4½ ft.	4.50	42.50
4½ to 5 ft.	5.00	47.50
5 to 5½ ft.	5.50	52.50
5½ to 6 ft.	6.00	.....
8½ to 9 ft.	15.00	.....
9 to 10 ft.	16.50	.....
JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance. 12 to 15 in. spread	Each	10
15 to 18 in. spread.	1.75	15.00
18 to 24 in. spread.	2.50	22.50
24 to 30 in. spread.	3.25	30.00
2½ to 3 ft. spread.	4.25	40.00
3 to 3½ ft. spread.	5.00	.....
5 to 6 ft. specimens.	10.00	.....
6 to 7 ft.	10.00	.....
6 to 7 ft. specimens.	12.50	.....
7 to 8 ft.	12.00	.....
7 to 8 ft. specimens.	15.00	.....
8 to 9 ft.	15.00	.....
9 to 10 ft.	16.00	.....
10 to 12 ft.	17.50	.....
Chinensis Pfitzeriana (Upright Pfitzer). These have been staked into an upright growing habit. 18 to 24 in.	Each	10
2 to 2½ ft.	3.50	32.50
2½ to 3 ft.	4.50	42.50
3 to 3½ ft.	5.50	.....
3½ to 4 ft.	6.50	.....
Chinensis Pfitzeriana Compacta. A compact form of the popular Pfitzer Juniper. 18 to 24 in. spread.	Each	10
2 to 2½ ft. spread.	4.00	37.50
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 18 to 24 in. spread.	Each	10
24 to 30 in. spread.	2.75	25.00
2½ to 3 ft. spread.	3.00	27.50
3 to 3½ ft. spread.	3.25	30.00
Chinensis Sargentii. 15 to 18 in.	Each	10
18 to 24 in.	2.00	17.50
18 to 24 in.	2.50	22.50
Communis Depressa Plumosa (Andorra Juniper). Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 15 to 18 in. spread.	Each	10
18 to 24 in. spread.	1.75	15.00
2 to 2½ ft. spread.	2.25	20.00
2 to 2½ ft. spread.	2.75	25.00
2½ to 3 ft. spread.	3.25	30.00
3 to 3½ ft. spread.	4.00	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 15 to 18 in.	Each	10
18 to 24 in.	1.50	13.50
2 to 2½ ft.	2.00	17.50
2 to 2½ ft.	2.50	22.50
2½ to 3 ft.	3.00	27.50
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 18 to 24 in.	Each	10
2 to 2½ ft.	2.00	17.50
2 to 2½ ft.	2.25	20.00
2½ to 3 ft.	2.50	22.50
3 to 3½ ft.	3.00	25.00
Sabina Prostrata Horizontalis Glauca. Like the above but with distinct steel-blue foliage. 18 to 24 in. spread.	Each	10
2 to 2½ ft. spread.	2.25	20.00
2½ to 3 ft. spread.	2.50	22.50
3 to 3½ ft. spread.	3.00	27.50
Sabina Tamariscifolia. Of compact, low spreading habit. Foliage gray-green of very fine texture. 15 to 18 in. spread	Each	10
18 to 24 in. spread.	2.25	20.00
2 to 2½ ft. spread.	2.75	25.00
Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage. 18 to 24 in.	Each	10
2 to 2½ ft.	2.00	17.50
2 to 2½ ft.	2.50	22.50
2½ to 3 ft.	3.00	27.50
4½ to 5 ft.	6.00	.....
5 to 6 ft. specimens.	8.00	.....
Sabina Von Ehron (Upright). 4 to 5 ft.	Each	10
4 to 5 ft.	6.00	.....
Scopulorum Chandleri (Chandler's Silver J.) A very silvery-blue color. A compact grower with slightly weeping branches. 3½ to 4 ft.	Each	10
4 to 4½ ft.	4.75	45.00
4 to 4½ ft.	5.25	50.00
Squamata Meyeri (Meyer Juniper). Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 4½ to 5 ft.	Each	10
4½ to 5 ft.	6.00	.....

JUNIPERUS—Continued.

Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter. 2 to 2½ ft.	Each	10
2½ to 3 ft.	2.00	17.50
3 to 3½ ft.	2.25	20.00
3½ to 4 ft.	2.75	25.00
4 to 4½ ft.	3.25	30.00
4½ to 5 ft.	3.75	35.00
5 to 5½ ft.	4.00	37.50
5½ to 6 ft.	4.50	42.50
6 to 6½ ft.	5.00	47.50
6½ to 7 ft.	6.00	57.50
7 to 8 ft.	6.75	.....
8 to 9 ft. sheared.	8.00	75.00
9 to 10 ft. sheared.	9.00	85.00
10 to 12 ft. sheared.	10.50	100.00
12 to 14 ft. sheared.	12.00	.....
Virginiana Burki (Burk's Redcedar). An improved form of Silver Redcedar, having a more compact growth and finer foliage. 2½ to 3 ft.	Each	10
3 to 3½ ft.	3.00	27.50
3 to 3½ ft.	3.50	32.50
3½ to 4 ft.	4.00	37.50
4 to 4½ ft.	4.75	45.00
4½ to 5 ft.	6.00	.....
Virginiana Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 2 to 2½ ft.	Each	10
2½ to 3 ft.	2.75	25.00
2½ to 3 ft.	3.00	27.50
3 to 3½ ft.	3.75	35.00
3½ to 4 ft.	4.50	42.50
4 to 4½ ft.	5.00	47.50
4½ to 5 ft.	6.00	57.50
5 to 5½ ft.	6.75	65.00
5½ to 6 ft.	7.50	.....
7 to 7½ ft.	12.00	.....
7½ to 8 ft.	13.50	.....
8 to 9 ft.	15.00	.....
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage. 2½ to 3 ft.	Each	10
3 to 3½ ft.	3.00	27.50
3 to 3½ ft.	3.50	32.50
3½ to 4 ft.	4.00	37.50
4 to 4½ ft.	4.75	45.00
4½ to 5 ft.	5.75	55.00
5 to 5½ ft.	6.50	62.50
5½ to 6 ft.	7.50	.....
6 to 6½ ft.	8.50	.....
6½ to 7 ft.	9.50	.....
7 to 7½ ft.	10.50	.....
7½ to 8 ft.	12.00	.....
8 to 8½ ft.	14.00	.....
9 to 10 ft.	16.00	.....
Virginiana Pyramidiformia Hilli (Dundee J.). 2 to 2½ ft.	Each	10
2½ to 3 ft.	2.50	22.50
2½ to 3 ft.	3.25	30.00
3 to 3½ ft.	4.00	37.50
3½ to 4 ft.	4.50	42.50
4 to 4½ ft.	5.00	47.50
4½ to 5 ft.	5.75	.....
Virginiana Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 3 to 3½ ft.	Each	10
3½ to 4 ft.	3.50	32.50
3½ to 4 ft.	4.00	37.50
4 to 4½ ft.	4.75	45.00
7 to 7½ ft.	9.50	.....
7½ to 8 ft.	11.00	.....
8 to 9 ft.	12.00	.....
PICEA Canadensis Albertiana (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage.	Each	10
18 to 24 in.	1.65	15.00
2 to 2½ ft.	2.25	20.00
2 to 2½ ft.	2.75	25.00
2½ to 3 ft.	3.25	30.00
3 to 3½ ft.	4.00	37.50
3 to 3½ ft.	4.50	42.50
4 to 4½ ft.	5.25	50.00
5 to 5½ ft.	6.00	.....
Excelsa (Norway Spruce). 18 to 24 in.	Each	10
2 to 2½ ft.	1.35	12.50
2 to 2½ ft.	1.65	15.00
2½ to 3 ft.	2.00	17.50
3 to 3½ ft.	2.25	20.00
Omorika (Serbian Spruce). 2½ to 3 ft.	Each	10
3 to 3½ ft.	4.00	37.50
3 to 3½ ft.	4.50	42.50
Pungens (Colorado Green Spruce). Bluish green foliage.	Each	10
18 to 24 in.	1.50	12.50
2 to 2½ ft.	2.00	17.50
2 to 2½ ft.	2.50	22.50
2½ to 3 ft.	3.25	30.00
3 to 3½ ft.	3.50	32.50
3½ to 4 ft.	4.25	40.00
4 to 4½ ft.	4.75	45.00
4½ to 5 ft.	5.00	47.50
5 to 5½ ft.	5.50	52.50
5½ to 6 ft.	7.00	.....
6 to 6½ ft.	7.00	.....
6½ to 7 ft.	8.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 2 to 2½ ft.	Each	10
2½ to 3 ft.	3.50	32.50
2½ to 3 ft.	4.00	37.50
3 to 3½ ft.	4.75	45.00
3½ to 4 ft.	6.00	57.50
4 to 4½ ft.	7.00	67.50
4 to 4½ ft.	8.50	82.50
5 to 5½ ft.	10.00	.....
5½ to 6 ft.	12.00	.....
6 to 6½ ft.	14.00	.....
6½ to 7 ft.	16.00	.....

Larger Sizes, Prices on Application.

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.

Vaughan's Evergreens—Continued

PICEA—Continued.	Each	10
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 2 ft.	\$4.25	\$40.00
2½ ft.	5.00	
3 ft.	6.00	
3½ ft.	7.50	
4 ft.	9.50	
4½ ft.	12.00	
5 ft.	14.00	
5½ ft.	16.50	
6 ft.	20.00	
6½ ft.	22.50	
7 ft.	25.00	
7½ ft.	27.50	
8 ft.	30.00	
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen; fine for rock planting and foundation work. 15 in.	3.00	
18 in.	3.25	
2 ft.	3.75	
2½ ft.	4.50	
3 ft.	5.50	
Nigra (Austrian Pine). 6 to 6½ ft.	7.50	
6½ to 7 ft.	8.50	
7 to 8 ft.	9.50	
8 to 9 ft.	10.50	
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage. 4 to 4½ ft.	3.25	30.00
4½ to 5 ft.	3.50	32.50
TAXUS Cuspidata (Japanese Yew). 15 to 18 in.	3.00	27.50
18 to 24 in.	3.75	35.00
2 to 2½ ft.	4.50	42.50
2½ to 3 ft.	6.50	
3 to 3½ ft.	8.00	
3½ to 4 ft.	10.00	
TAXUS Cuspidata Capitata (Upright Japanese Yew).		
18 to 24 in.	2.50	22.50
2 ft.	3.25	30.00
2½ ft.	4.25	40.00
3 ft.	5.25	50.00
3½ ft.	6.50	
4 ft.	8.00	
4 ft. specimens, sheared.	10.00	
4½ ft.	12.50	
4½ ft. specimens, sheared.	15.00	
5 ft.	13.00	
5 ft. specimens, sheared.	16.00	
5½ ft. specimens, sheared.	18.00	
6 ft. specimens, sheared.	20.00	
6½ ft. specimens, sheared.	22.50	
TAXUS Cuspidata Nana (Dwarf Japanese Yew).		
2 ft. specimens.	7.50	
2½ ft. specimens.	9.50	
3 ft. specimens.	11.50	
TAXUS Media Hicksi (Hick's Yew). Very compact, narrow upright. 18 to 24 in.	2.25	20.00
2 to 2½ ft.	3.00	27.50
2½ to 3 ft.	4.25	40.00
3 to 3½ ft.	6.00	57.50
3½ to 4 ft.	7.50	
THUJA Occidentalis (American Arborvitae). 2½ to 3 ft.	1.50	12.50
3 to 3½ ft.	1.75	15.00
3½ to 4 ft.	2.00	17.50
4 to 4½ ft.	2.25	20.00
4½ to 5 ft.	2.50	22.50
5 to 5½ ft.	3.00	27.50
5½ to 6 ft.	3.50	32.50
6 to 6½ ft.	4.00	37.50
6½ to 7 ft.	4.50	42.50
7 to 8 ft.	5.00	47.50
8 to 9 ft.	6.50	60.00
9 to 10 ft.	8.00	
10 to 12 ft.	10.00	
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tip. 4 to 4½ ft.	2.75	25.00
4½ to 5 ft.	3.00	27.50
5 to 5½ ft.	3.50	32.50
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 12 in.	1.25	10.00
15 in.	1.50	12.50
18 in.	2.00	17.50
24 in.	2.25	20.00
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage.		
18 to 24 in.	1.15	10.00
2 to 2½ ft.	1.50	13.50
2½ to 3 ft.	1.65	15.00
3 to 3½ ft.	2.00	17.50
3½ to 4 ft.	2.25	20.00
4 to 4½ ft.	2.50	22.50
4½ to 5 ft.	2.75	25.00
5 to 5½ ft.	3.00	27.50
5½ to 6 ft.	3.50	32.50
6 to 6½ ft.	3.75	35.00
6½ to 7 ft.	4.25	40.00
7 to 8 ft.	5.00	47.50
Occ. Rosenthalii (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 2½ to 3 ft.	2.50	22.50
3 to 3½ ft.	2.75	25.00
3½ to 4 ft.	3.00	27.50
4 to 4½ ft.	3.50	32.50
4½ to 5 ft.	4.00	37.50
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy. 3 to 3½ ft.	2.50	22.50
3½ to 4 ft.	2.75	25.00
4 to 4½ ft.	3.25	30.00
4½ to 5 ft.	3.75	35.00

Hardy Vines

AKEBIA Quinata. A beautiful Japanese vine with Each unique foliage and chocolate-purple flowers. 3-year. \$0.35	10	100
AMPELOPSIS Aconitifolia (Monkshood Vine). Attractive foliage; amber berries in autumn. 3-year. . . . .	.25	2.00 \$18.00
4-year. . . . .	.30	2.50 20.00
Engelmani. A hardy and quick-growing, self-clinging vine. 2-year. . . . .	.20	1.50 12.00
3-year. . . . .	.25	2.00 15.00
Heterophylla (Turquoise Vine). Heart-shaped leaves; turquoise blue berries in fall. 2-year. . . . .	.30	2.50
3-year. . . . .	.40	3.00
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year. . . . .	.20	1.50 12.00
3-year. . . . .	.25	1.75 15.00
Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1. . . . .	.25	2.00 18.00
ARISTOLOCHIA Siphon (Dutchman's Pipe). 2 yr. . . . .	.40	3.00 25.00
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year. . . . .	.25	2.00 17.50
3-year. . . . .	.30	2.50 20.00
CELASTRUS. Hardy climber, with orange-capsuled fruit in autumn.		
Scandens (American Bittersweet). 2-year. . . . .	.25	2.00 18.00
3-year. . . . .	.30	2.50 22.50
CLEMATIS—Small-Flowering Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year. . . . .	.30	2.50 20.00
CLEMATIS—Large-Flowering.		
Duchess of Edinburgh, double white; Henryi, single white; Jackmani, rich royal purple; Mme. Ed. Andre, wine red; Ramona, blue. 2-year No. 1. . . . .	.50	4.50 40.00
2½-inch pots. . . . .	.30	2.10 15.00
HEDERA Helix.		
English Ivy (Gracilis—Small-Leaved). Hardy		
2½-inch pots.	1.00	7.50
4-inch pots. . . . .	.35	2.50 20.00
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year. . . . .	.40	3.00 25.00
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year. . . . .	.25	1.80 15.00
POLYGONUM Auberti (Silver Lace Vine). Fast growing vine, producing foamy masses of white flowers in late summer. 2-year. . . . .	.40	3.50
WISTERIA Sinensis Purpurea. Flowers purple. 2-year grafts. . . . .	.45	4.00

CANNAS

Dormant roots ready for January 1st.

Improved Florence Vaughan Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Per 100 Per 1000
Green foliage.10 for \$1.00 \$7.00 \$60.00

King Humbert 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots. 3.75 32.50

Yellow King Humbert 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots. 3.75 32.50

The President 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots. 3.75 32.50

AMBASSADOR. 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots. 4.50 40.00

COPPER GIANT. 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial.10 for \$1.00 7.00 60.00

HUNGARIA. 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots. 4.00 35.00

LOUISIANA. 6 feet. Green foliage; scarlet. 3.00 27.50

Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted. All prices are F.O.B. Nursery, Western Springs, Illinois.

ACER Dasycarpum (Silver Maple).	Each	10	100
6 to 8 ft.	\$0.60	\$ 5.00	\$40.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.75	6.50	60.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.90	8.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	
10 to 12 ft., 1 3/4 to 2 in. caliper	1.50	12.50	
12 to 14 ft., 2 to 2 1/4 in. caliper	1.75	15.00	
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	2.00	17.50	
Ginnala (Amur Maple). 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.65	6.00	50.00
5 to 6 ft.	.90	7.50	
Platanoides (Norway Maple).			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.75	15.00	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	2.00	18.50	
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper	2.50	22.50	
10 to 12 ft., 1 3/4 to 2 in. caliper	3.00	27.50	
10 to 12 ft., 2 to 2 1/4 in. caliper	3.25	30.00	
Write for prices on larger sizes.			
Platanoides Columnare (Columnar Norway Maple). 6 to 7 ft.	2.00	17.50	
Platanoides Globosum (Globe Maple).			
5 to 6 ft., 3-year heads	3.50		
5 to 6 ft., 4-year heads	4.00		
5 to 6 ft., 5-year heads	4.50		
Platanoides Schwedleri (Schwedler Maple).			
7 to 8 ft.	1.75	16.50	
12 to 14 ft., 2 to 2 1/4 in. caliper	4.50	42.50	
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	5.00	47.50	
12 to 14 ft., 2 3/4 to 2 3/4 in. caliper	5.50	52.50	
12 to 14 ft., 2 3/4 to 3 in. caliper	6.00	57.50	
14 to 16 ft., 3 to 3 1/4 in. caliper	6.75	65.00	
3 1/4 to 3 1/2 in. caliper	7.50	70.00	
3 1/2 to 4 in. caliper	10.00	97.50	
Pseudoplatanus (Sycamore Maple).			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.75	16.50	
Pseudoplatanus Purpurescens (Purple Sycamore Maple). 8 to 10 ft., 1 to 1 1/4 in. caliper	1.90	17.50	
AILANTHUS Glandulosa (Tree of Heaven). 5 to 6 ft.	.60	5.00	45.00
6 to 8 ft.	.75	6.50	
8 to 10 ft., 1 to 1 1/4 in. caliper	1.00	9.00	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	12.50	
12 to 14 ft., 2 3/4 to 3 in. caliper	4.00	37.50	
ARALIA Spinosa (See Shrubs).			
CATALPA Bungei. 5 to 6 ft., 2-year head	1.50	12.50	
5 to 6 ft., 3-year head	1.75		
Speciosa. 8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.00	9.00	
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	
10 to 12 ft., 1 3/4 to 2 in. caliper	1.50	12.50	
12 to 14 ft., 2 to 2 1/4 in. caliper	1.75	15.00	
CHERRY, Japanese—See Prunus.			
CRATAEGUS (Hawthorn).			
Arnoldiana. 6 to 8 ft.	3.00	27.50	
Carrieri. 3 to 4 ft.	.75	6.50	
4 to 5 ft.	1.25	10.00	
Coccinea (Thicket Hawthorn). 3 to 4 ft.	.75	6.50	
4 to 5 ft.	1.00	9.00	
5 to 6 ft.	1.50	12.50	
6 to 7 ft., B. & B. specimens	5.00		
Cordata. 4 to 5 ft.	1.50	12.50	
5 to 6 ft.	1.90	17.50	
8 to 10 ft. specimens, B. & B.	8.50	82.50	
10 to 12 ft. specimens, B. & B.	10.00		
Crusgalli. 4 to 5 ft.	2.00	17.50	
5 to 6 ft.	2.50	22.50	
5 to 6 ft. specimens, B. & B.	5.00		
6 to 7 ft.	3.50	32.50	
6 to 7 ft. specimens, B. & B.	7.50		
7 to 8 ft., B. & B.	8.50		
Mollis. 3 to 4 ft.	.75	6.50	
4 to 5 ft.	1.00	9.00	
Oxyacantha (English Hawthorn). 4 to 5 ft.	1.00	9.00	
5 to 6 ft.	1.75	15.00	
6 to 8 ft.	2.75	25.00	
6 to 8 ft. specimens, B. & B.	5.00		
Oxyacantha Splendens (Paul's Double Scarlet Hawthorn). 4 to 5 ft.	1.75	15.00	
5 to 6 ft.	2.00	17.50	
GINKGO Biloha (Maidenhair Tree).			
6 to 8 ft., 3/4 to 1 in. caliper	2.75	25.00	
8 to 10 ft., 1 to 1 1/4 in. caliper	3.50	32.50	
GLEDITSIA Triacanthos Inermis (Thornless Honeylocust). 5 to 6 ft.	.75	6.00	50.00
6 to 8 ft.	1.00	9.00	
8 to 10 ft., 1 to 1 1/4 in. caliper	1.75	15.00	
MALUS (Flowering Crab Apples).			
Atrosanguinea, Floribunda. 3 to 4 ft.	.75	6.50	
Aldenhamsis, Coronaria, Eleyi, Floribunda, Niedzwetzkyana, Atrosanguinea. 4 to 5 ft.	.90	7.50	
Aldenhamsis, Coronaria, Eleyi, Floribunda, Niedzwetzkyana, Atrosanguinea. 5 to 6 ft.	1.25	10.00	
Astrosanguinea, Aldenhamsis, Baccata, Eleyi, Floribunda, Niedzwetzkyana. 6 to 8 ft., 1 to 1 1/4 in. caliper	1.75	15.00	
Atrosanguinea, Baccata, Eleyi, Floribunda. 6 to 8 ft., 1 1/4 to 1 1/2 in. caliper	2.25	20.00	
Atrosanguinea, Baccata, Floribunda. 6 to 8 ft., 1 1/2 to 1 3/4 in. caliper, specimens	3.00	27.50	
Atrosanguinea, Baccata, Floribunda, Sieboldi. 6 to 8 ft., 1 3/4 to 2 in. caliper, specimens	3.50	32.50	
Atrosanguinea, Coronaria, Floribunda. 2 to 2 1/2 in. caliper, specimens	5.00		
Atrosanguinea, Coronaria, Floribunda. 2 1/2 to 3 in. caliper, specimens	7.50		
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab). 3 to 4 ft.	.90	7.50	
4 to 5 ft.	1.25	10.00	
5 to 6 ft.	1.75		
Sargentii. 4 to 5 ft., 1 1/8 in. caliper	3.00		
4 to 5 ft., 1 to 1 1/4 in. caliper	3.00		
5 to 6 ft., 1 1/4 to 1 1/2 in. caliper	3.50	32.50	

MORUS Alba Tatarica (Russian Mulberry). 5 to 6 ft.	Each	10	100
6 to 8 ft.	\$0.50	\$4.50	
	.75	6.00	
POPULUS Boileana (Boileana Poplar).			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.00	9.00	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.25	10.00	
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.00	17.50	
10 to 12 ft., 1 3/4 to 2 in. caliper	2.50	22.50	
Eugenei (Carolina Poplar). One of the most rapid growing of all shade trees.			
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.75	6.50	
10 to 12 ft., 1 3/4 to 2 in. caliper	.90	7.50	
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	1.25	10.00	
Nigra Italica (Lombardy Poplar). A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	.40	3.00	\$25.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.50	4.00	30.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.60	4.50	40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	65.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.00	9.00	75.00
12 to 14 ft., 2 to 2 1/4 in. caliper	1.25	10.00	90.00
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	1.75	15.00	
12 to 14 ft., 2 3/4 to 3 in. caliper	2.25	20.00	
Simonsi Fastigiata (Narrow Simon Poplar).			
8 to 10 ft., 1 to 1 1/4 in. caliper	.75	6.50	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.90	7.50	
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	
PRUNUS Americana (American Plum). 3 to 4 ft.	.25	1.80	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	2.50	20.00
6 to 8 ft.	.40	3.50	30.00
Blirieana (Purple-leaved Flowering Plum).			
4 to 5 ft.	.75	6.50	
5 to 6 ft.	1.00	9.00	
Newport (Purple-leaved). 4 to 5 ft.	.75	6.50	
5 to 6 ft.	1.00	9.00	
Tomentosa (Nanking Cherry). 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.60	5.00	
5 to 6 ft.	.75	6.50	
Triloba (Flowering Plum). 2 to 3 ft.	.50	4.00	
3 to 4 ft.	.60	5.00	
PRUNUS (Japanese Flowering Cherries).			
Amanogawa, Kwanzan. 5 to 6 ft.	1.75	15.00	
SALIX Babylonica (Babylon Weeping Willow). 8 to 10 ft., 1 to 1 1/4 in. caliper	\$1.25	\$10.00	
SORBUS Aucuparia (European Mountain Ash). 6 to 8 ft.	1.25	10.00	
8 to 10 ft., 1 to 1 1/4 in. caliper	1.50	13.50	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	2.00	17.50	
ULMUS Americana (American Elm.)			
8 to 10 ft., 1 to 1 1/4 in. caliper	.75	6.00	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.90	7.50	65.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	90.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.50	13.50	125.00
10 to 12 ft., 2 to 2 1/4 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	2.25	20.00	175.00
12 to 14 ft., 2 3/4 to 3 in. caliper	2.50	22.50	200.00
12 to 14 ft., 3 to 3 1/4 in. caliper	2.75	25.00	
12 to 14 ft., 3 1/4 to 3 1/2 in. caliper	3.50	32.50	
12 to 14 ft., 3 1/2 to 3 3/4 in. caliper	4.00	37.50	
12 to 14 ft., 3 3/4 to 4 in. caliper	5.00	47.50	
14 to 16 ft., 4 to 4 1/2 in. caliper	6.50	60.00	
4 1/2 to 5 in. caliper	7.50		
5 to 5 1/2 in. caliper, B. & B.	20.00		
5 1/2 to 6 in. caliper, B. & B.	25.00		
Americana Molini (Moline Elm).			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.10	10.00	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	13.50	
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.00	17.50	
10 to 12 ft., 1 3/4 to 2 in. caliper	2.50	22.50	200.00
12 to 14 ft., 2 to 2 1/4 in. caliper	2.75	25.00	225.00
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	3.00	27.50	250.00
12 to 14 ft., 2 3/4 to 3 in. caliper	3.25	30.00	275.00
12 to 14 ft., 3 to 3 1/4 in. caliper	3.75	35.00	
14 to 16 ft., 3 to 3 1/4 in. caliper	4.00	37.50	
16 to 18 ft., 3 1/4 to 3 3/4 in. caliper	4.75	45.00	
16 to 18 ft., 3 3/4 to 4 in. caliper	5.75	55.00	
16 to 18 ft., 3 3/4 to 4 in. caliper	6.50	60.00	
4 to 4 1/2 in. caliper	7.50	70.00	
5 to 5 1/2 in. caliper, B. & B.	25.00		
5 1/2 to 6 in. caliper, B. & B.	30.00		
Americana Urni (Vase-Shaped Elm).			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.10	10.00	
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	13.50	125.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.00	17.50	150.00
10 to 12 ft., 1 3/4 to 2 in. caliper	2.50	22.50	200.00
12 to 14 ft., 2 to 2 1/4 in. caliper	2.75	25.00	225.00
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	3.00	27.50	250.00
12 to 14 ft., 2 3/4 to 3 in. caliper	3.25	30.00	275.00
14 to 16 ft., 2 3/4 to 3 in. caliper	3.75	35.00	
3 to 3 1/4 in. caliper	4.00	37.50	
3 1/4 to 3 1/2 in. caliper	4.75	45.00	
3 1/2 to 4 in. caliper	5.25	50.00	
4 to 4 1/2 in. caliper	6.50		
4 1/2 to 5 in. caliper	7.50		
5 to 5 1/2 in. caliper, B. & B.	25.00		
5 1/2 to 6 in. caliper, B. & B.	30.00		
Pumila (Chinese Elm). 5 to 6 ft.	.50	4.00	35.00
5 to 6 ft., low-branched	1.25	10.00	
6 to 8 ft.	.70	6.00	50.00
6 to 8 ft., low-branched	1.50	12.50	
8 to 10 ft., 1 to 1 1/4 in. caliper	.90	8.50	70.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.25	11.50	100.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.75	15.00	
10 to 12 ft., 1 3/4 to 2 in. caliper	2.50	22.50	
10 to 12 ft., 2 to 2 1/4 in. caliper	3.00	27.50	
10 to 12 ft., 2 1/4 to 2 3/4 in. caliper	3.25	30.00	
12 to 14 ft., 2 3/4 to 3 in. caliper	3.75	35.00	
12 to 14 ft., 3 to 3 1/4 in. caliper	4.00		
12 to 14 ft., 3 1/4 to 3 1/2 in. caliper	4.50		
12 to 14 ft., 3 1/2 to 3 3/4 in. caliper	6.00		
Pumila (Chinese Elm Hedging).			
18 to 24 in., not transplanted	.50	3.50	
2 to 3 ft., not transplanted	.75	5.00	

Write for prices on Elms in larger sizes.

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on

the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., \$1.20; carton of 24, \$2.40.

ARSENATE OF LEAD. (Dry). For dusting and spraying. 1 lb., 30c; doz., \$2.88; case of 24, \$5.52; 4 lb. bag, 75c; case of 48 lbs., \$7.20; 100 lbs., \$13.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 50c; Doz., \$4.20; 5 lbs., \$2.00; 10 lbs., \$3.80; 25 lbs., \$9.00; 50 lbs., \$14.00; 100 lbs., \$24.00.

BORDEAUX MIXTURE. (Dry). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., \$2.80; 4 lbs., 75c; 24 lbs., \$3.75.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; 1/2 lb., 25c. Doz., \$2.00.

CALCIUM ARSENATE. (Dry.) Lb., 30c; 4 lbs., 70c. **COPPER SULPHATE.** Crystals. 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.00.

CUPROCID YELLOW. Fungicide plant spray. Price per 3 lbs., bag, \$1.35; case of 48 lbs., \$19.20.

CUPROCID RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., \$4.00; 20 lbs., \$10.00.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) 1/2 lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00. 4-oz. tins for ants, doz., \$2.40; 25 lbs., \$10.00; 100 lbs., \$25.00.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet. Freight prepaid on 100 lb. lots.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. 2 lbs., \$3.25; 10 lbs., \$13.50.

D. N. SULPHUR DUST No. 10. A new and very effective control for Red Spider, Thrips, and Rust diseases on carnations. 10 lb. bag, \$5.50; case of 5 bags, 50 lbs., for \$12.50.

D. N. DUST No. 12. For control of Red Spider, Mite and Thrips on Roses, Calla Lilies, Snapdragons, Gardenias and Carnations. The active element in D. N. Dust No. 12 is a dinitro compound effective in all stages of Mite development. Should be used before blooming period. Price per 10-lb. bag \$4.50, case of 5 10-lb. bags \$20.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10 lbs., \$1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.45; 100 lbs., \$4.25.

FORMACIDE FORMALDEHYDE DUST. Control "Damping off" of flower and vegetable seedlings. 1 lb., 85c; 5 lbs., \$2.00; 25 lbs., \$7.50; 50 lbs., \$12.50.

FUME TOBAC. 25 lb., drum, \$5.00; 50 lb., drum, \$8.00; 100 lb., drum, \$15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., \$1.00; gal., \$3.00.

FUNGISOL. A sulphur cream for fungicidal use. 1 lb., 95c; 10 lbs., \$5.75; 50 lbs., \$20.75.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

GRASSLI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., \$4.75.

HELLEBORE POWDERED. White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per 1/4 lb., 20c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.25.

HITOX. Effective double active insecticide. Pint, \$1.75; qt., \$3.00; gal., \$9.00; 5 gals., \$40.00.

L. 333 ROTENONE PLANT SPRAY. Price gal., \$10.75; 5 gals., for \$48.75.

LEMON OIL. Destroys mealy bug, scale, red spider. 1/2 pt., 35c; pt., 60c; qt., \$1.00; 1/2 gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

LETHANE-440. A very effective insecticide for controlling red spider, mealy bug, etc. \$2.00; gal., \$5.00.

LIME SULPHUR SOLUTION. Qt., 50c; gal., \$1.20; 5 gals., \$4.25.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, \$2.00; gal., \$10.50; 5 gals., \$45.00.

McCONNON 114Y SPRAY. Qt., \$2.50; gal., \$8.50; 5 gals., \$37.50; 10 gals., \$70.00.

"NICO-FUME" A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.45; 4 lbs., \$6.55; 8 lbs., \$11.25; 40 lbs., \$45.75.

NICO-ROTE. A combination of Nicotine and Rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

NICOTINE. Fumigating powder. 10 lb. cans, \$6.30.

NICO-FUME HOLDER. For 1 lb. size pressure fumigator adaptor is included for the 1/2 lb. size. Price, each, 85c.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME GARDEN GUARD. 1% Rotenone put up in 1-lb. sifter carton. Doz., \$2.94; carton of 24 for \$5.76; retails at 35c pkg.

ANT-KILLER. Master 1/2-oz. bottles, doz., 75c; 2 oz., doz., \$2.00; 4 oz., doz., \$4.00.

ANTROL READY FILLED SETS. Consisting of four patented glass feeders. Per doz. sets, \$3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, \$4.80. Retails at 60c set.

ANTROL SYRUP REFILLS. 2 oz. bottles, doz., 80c; 4 oz. bottles, doz., \$1.60; pints, doz., \$4.00; gals., six for \$11.00.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., \$2.78; carton of 24, \$5.56; 5-oz. bottles, doz., \$8.55; 1 lb., \$2.25 ea.; 2 lbs., \$3.25 ea.; 5 lbs., \$6.00 ea.; 10 lbs., \$11.00 ea.

BUGGUN. Rotenone dust in blower type package. Doz., \$2.80. Retails at 35c.

CYONOGAS ANT KILLER. 4 oz. cans, doz., \$2.40.

MULTICIDE or New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Gal., \$10.35; 5-gals., \$47.00.

EVERGREEN SPRAY. A non-poisonous contact insecticide. Oz. bottle, 35c; per doz., \$2.70; per carton of 24 bottles, \$5.40; 6-oz. bottle, 85c; doz., \$8.00; gal., \$9.50.

KALITE. A Rotenone coated insecticide dust. Three way action, contact, stomach poison, leg paralysis. Price 1 lb., 35c; doz., \$2.52; 4 lb., 75c; doz., \$6.00.

NICOTINE PYROX. 20-oz. jars, doz., \$4.80; carton of 24, \$8.96; 5 lbs., \$1.50; case of 12, \$15.60; 25-lb. drum, \$5.65; 50-lb. drum, \$9.25.

PYROTE. A spray consisting of rotenone and pyrethrum. 1-oz. bottles, 12 in a display carton, \$2.75; 5-oz., doz., \$8.00; pints, doz., \$22.60; gal., \$10.50.

RATKISSES. Put up on easel card holding 12 25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

RED ARROW. A combined Rotenone and Pyrethrum spray. Assortment for re-sale. Per carton of 24-oz. bottles and 2 1/2-pint bottles. Price, \$5.40. Retails for \$10.40. 1/4 pt., doz., \$8.00; pt., \$2.50; qt., \$3.60; gal., \$11.35; case of 6 1-gal. cans at \$11.00 gal. 5 gal. drum, \$51.75.

SPECIAL RED ARROW. A new concentrated insecticide for controlling leaf rollers and leaf tyers especially. Gal., \$12.00; 5 gals., \$55.00.

ROTECID. Standard rotenone spray. Oz. bottles, doz., \$2.50. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$95.00.

ROTENONE DUST 3/4%. For control of Mexican bean beetle use this dust at rate of 15 or 25 lbs. per acre, depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. 6 1/2-lb. bags, 12 1/2c lb.; 25-lb. bags at 11 1/2c lb.; 50-lb. bags at 11c lb.

SLUG SHOT, Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$2.52; 5-lb. pkgs., 12 for \$10.20; 125-lb. keg, \$18.75; 250 lbs. in bulk, \$33.00.

TREE TANGLEFOOT. 6 oz., case of 24 cans, \$7.20; 1-lb. cans, per doz., \$7.60; per case of 24, \$14.40; 5-lb. can, \$2.95; case of 6, \$16.87; 10 lbs., \$5.50 each; case of 4 cans, \$21.00; 25 lbs., \$12.00 each.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 35c each. Price per doz., \$2.40.

NICO-FUME PRESSURE FUMIGATOR. Put up in 1/2 lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. 1/2 lb. cans, 45c; six for \$2.50; Doz., \$4.45; 1 lb. cans, 75c; six for \$3.95; doz., \$7.40. Orders for 36 1 1/2 lb. cans or 60 1/2 lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, \$3.65; 10-lb. tin, \$6.30.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., \$2.50; 1/2 pt., \$1.35; pt., \$2.25; 3 pts., \$6.50; original case 10 pts., \$21.00. 40% grade, 4 lbs., \$6.25; 8 lbs., \$11.00.

NO MOLE. The modern easy inexpensive way to destroy moles. They cannot resist the pleasing taste. They devour it and are quickly and surely destroyed. 14-oz. box, \$1.10; 28-oz. box, \$2.00; 9-lb. can, \$7.65.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz. tins each, 40c; doz., \$3.20; carton of 36 tins, \$8.30; 1 lb. tins, each, \$1.60; doz., \$12.60; 5 lbs. each, \$6.85; case of 6 tins, \$30.75. Write for price on larger containers.

PARIS GREEN. A poisonous insecticide in powder form; for insects which chew. 1/4 lb., 20c; doz., \$1.80; per lb., 40c; doz., \$4.50; 5 lbs., \$1.75; 14 lbs., \$4.60.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

POMO GREEN. Without nicotine. The new green fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00; 25 lbs., \$12.25. Write for price on larger quantities.

No. 10 REFINED ROSE SPECIAL SPRAY. For Roses and Carnations kills high percentages of eggs, no discoloring of blooms. Price per gal., \$10.00; 5 gals., for \$45.00.

RESPIRATORS. For mild fumigating and dusting. Each \$1.75; 3 for \$4.95.

SELOCIDE. Kills red spiders. Gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$87.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 40c; Doz., \$3.20; 1 lb. \$2.50; 5 lbs., \$11.40; 25 lbs., \$52.50; 100 lbs. \$198.00. Write for leaflets, stating for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. New with metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1 lb., 25c; doz., \$2.00; 6 lbs., 85c; 10 lbs., \$1.35; bale of 6 bags, \$6.00; 50 lbs., \$5.50.

SULPHUR FOR SPRAYING. Magnetic spray Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Price 4 lbs., 50c; 100 lbs., \$8.00.

SULROTE. A combination dust sulphur and rotenone. 1 lb., canisters (24 per case), per doz., \$3.50.

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

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 85c; qt., \$1.50; gal., \$4.95.

TOBACCO DUST. (Regular Grade.) 10 lbs., 65c; 25 lbs., \$1.20; 100 lbs., \$3.50.

TOBACCO STEMS. 100 lbs., \$2.25; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

TRI-GEN. Fungicide insecticide and plant stimulant. A, small kit makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit makes 32 gallons, \$6.00. D, estate kit makes 128 gallons, \$20.00.

VERMINE. For elc, cut worms and wire worms, working in the soil. Can be applied to all vegetation. 1/2 pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphid and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 28 gal. drum, \$25.00; 54 gal. drum, \$42.50.

WILSON'S O. K. PLANT SPRAY. Price, qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

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

No. 44B Copper tank. . . . Each, \$14.25



No. 44B Copper tank. . . . Each, \$14.25

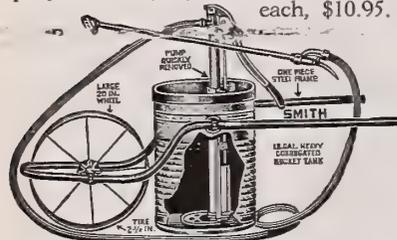
SMITH'S LIGHTNING SPRAYER.

A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3 1/2 gallon capacity. Price, Galvanized, \$4.95; Brass, \$10.50.

THE GARDEN KING SPRAYER

Entirely new, 5 gal. capacity, with 6 ft. of spray hose and 2 ft. of

tension rod, making a total of 8 ft. which permits the user to carry the tank about from one spraying job to another and to set it down on the ground and go about his spraying job without carrying the weight of the sprayer and spray material. Galvanized each, \$10.95.



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, \$24.00. 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, \$38.00; with Pneumatic tire, \$45.00.

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, \$21.00.

BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$2.25.



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

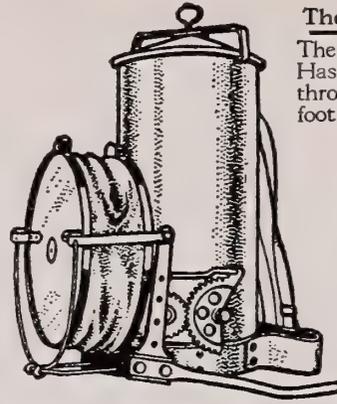


SPRAYERS AND DUSTERS—Continued.

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.

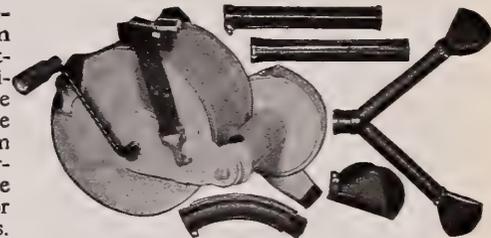
Write for leaflet on the American Beauty Dust Sprayer.



Blue Beauty Duster. A close second to the American Beauty. Each, \$20.00.

CHALLENGE DUST GUN.

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., \$14.95.

FEENEY MODEL B DUSTER.

Each, 85c; doz., \$8.00.



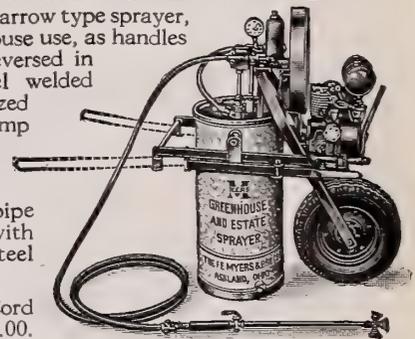
MYERS GREENHOUSE POWER SPRAYER

Power operated, wheelbarrow type sprayer, recommended for greenhouse use, as handles may be folded back, or reversed in narrow aisles. All steel welded frame, 12 1/2-gal. galvanized tank, porcelain lined pump 225 lbs. pressure; 1/4 H. P. motor or 1/2 H. P. gas engine. 15 ft. 3/8" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, \$90.00.

Motor driven with 50 ft. Cord and Plug, Rubber tire \$100.00.

Engine Driven, Steel Wheel. \$112.50
Engine Driven, Rubber Tire. Fig. 3062. 123.00

The Kinney. Used for spraying liquid manures. Worked by Water pressure. Nickeled iron. Construction simple. Ea., \$2.95.

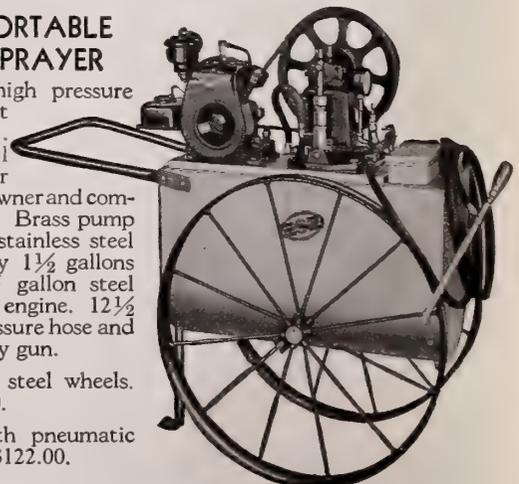


UTILITY PORTABLE POWER SPRAYER

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, 3/8 H. P. engine. 12 1/2 feet of high pressure hose and adjustable spray gun.

No. 3240 with steel wheels. Each \$115.00.

No. 3240R with pneumatic tires. Each \$122.00.



Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, \$1.00. Box of 20 spools at 95c spool.

Tidy Tie Pot Tie Ribbon. A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width $\frac{3}{4}$ inch. Per bolt, 60c; 10 bolts for \$5.50.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 75c; 10 spools for \$6.50.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 70c; doz., \$7.20.

Tinsel Ribbon. $\frac{3}{4}$ inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.25; 10 spools, \$11.00.

Plain 3-Stripe Imported French Chiffon. Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 6c; 6-inch, per yard, 8c; in 6-bolt lots, $7\frac{1}{2}$ c per yard.

Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 6-inch, per yard, 9c.

Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, \$1.35.

Corsage Ties (Cord and Tassels). Per doz., 75c; per gross, \$7.20.

Metaline. This ribbon has a bright metallic lustre with striped edges, width $5\frac{1}{2}$ inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.35; ten bolts, \$13.00.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, 95c; doz. spools, \$10.80.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 9c. Six bolts at $8\frac{1}{2}$ c per yard.



Special Metaline. Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt \$1.25; 10 bolts for \$12.00.

Rubberized Shoulder Shields. Per doz., 85c; gross, \$9.00.

Corsage Shields, Shoulder or Wrist Shields. Chiffon edge. Per doz., \$1.50; per gross, \$15.00.

Waist Shields. Chiffon edge. Corsage large, medium and small. Per doz., \$1.75; per gross, \$18.00.

Glazing Tools and Materials

ALL THE BEST MATERIALS FOR GREENHOUSE USE

MASTICA, For Glazing

Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.50; 5 gals., \$12.00; 10 gals., \$23.50.



PUTTY BULB



MASTICA MACHINE

MASTICA MACHINE—Each, \$3.00.

GARLANITE The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.30 per gal.; kegs, 10 and 20 gals., \$2.35 per gal.; 5-gal. kegs, \$2.50 per gal.; gal. cans, \$2.55. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00; 300 lbs., \$33.00; 500 lbs., \$52.50, 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" SAFETY GLAZING GUN. Gratis with 40 or 60-gal. drum of glazing cement. Each, \$4.50.

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 1,000 ft., \$30.00.

PUTTYROPE. 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.

CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Per box of 100 clamps, \$1.45. Five boxes, \$7.00.



TROJAN ROLLER TYPE

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



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

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75.

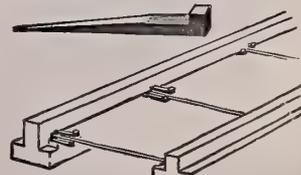
GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.
No. 2 $\frac{1}{2}$. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2 $\frac{1}{2}$. 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, $\frac{5}{8}$ and $\frac{7}{8}$ inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of $\frac{5}{8}$ in; over 1,000 points in 1-lb. pkg. of $\frac{7}{8}$ in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.25.



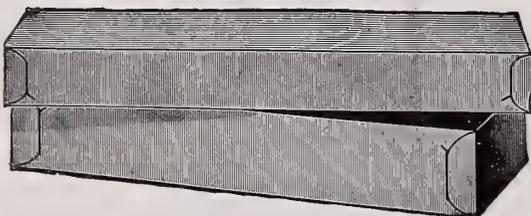
Supplies for the Florist Shop

CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.75.

When ordering printed boxes, allow a week or ten days extra for delivery.



VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight		Per 100	Size in inches	Weight		Per 100
	Per 25	Per 100			Per 25	Per 100	
18 x 5x3	\$1.45	35 lbs.	\$4.85	5x24x8	\$2.45	70 lbs.	\$ 9.10
3 x 21x5	1.60	40 lbs.	5.20	5x28x8	2.75	90 lbs.	9.45
3 1/2 x 24x5	1.85	50 lbs.	6.25	5x36x8	3.50	125 lbs.	12.95
3 1/2 x 30x5	2.00	65 lbs.	6.50	5x42x8	4.60	165 lbs.	17.50

FLORAL DESIGN BOXES. Mist grey. Full telescope.

No.	Size	Per 25		Per 100		No.	Size	Per 25		Per 100	
		\$	lbs.	\$	lbs.			\$	lbs.	\$	lbs.
No. 25.	7x36x12	\$7.20	29.95	\$27.60	100	No. 27.	8x20x20	\$7.20	29.95	\$27.60	100
No. 26.	8x36x14	7.75	29.95			No. 28.	8x24x24	9.35	29.95	35.50	100

Packed 25 complete per bundle.

CORSAGE BOXES. Shallow lid, mist grey.

Size	Per 25		Per 100		Size	Per 25		Per 100	
	\$	lbs.	\$	lbs.		\$	lbs.	\$	lbs.
8x5x4	\$1.20	3.75	\$3.75	11.25	12x8x5 1/2	\$1.85	5.35	\$6.75	19.05
10x6x5 1/2	1.50	5.35							

Write for Special Discounts on quantity orders.



GLAMORAP, Peacock Pattern. Made of a special metal alloy which provides an excellent base for soft glowing colors. Because the waterproof paper backing adds strength without rigidity, Glamorap adapts itself to endless attractive arrangements. Standard rolls 20-inch wide, 50 ft. long, in following shades: Green, Nile Green, Chartreuse, Copper, Red, Fuchsia, Pink, Orchid, Lavender, Purple, Blue, Sky Blue, Gold and Silver. Price, per roll, \$1.90; 10 rolls for \$18.00.

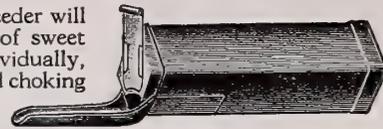
GLAMORAP, Emery Pattern. Can be furnished in same shades as Peacock pattern, 20-inch wide, 50 ft. long. Price, per roll, \$1.90; 10 rolls for \$18.00.



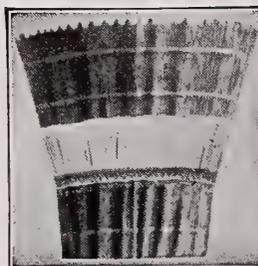
FLORALIFE
Helps flowers live longer. In handy display cartons. Price, 25 10c pkts., \$1.25; carton of 100 pkgs., \$4.85; your selling price, 10c per pkg.; handy home size retails at \$1.00 each. Price six cans for \$3.50. 100 qt. size, retails for \$3.00; 6 for \$10.50.

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 \$1.35; doz., \$4.80; retails at 60c each.



STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

Size	Doz.	100
5 in.	\$0.90	\$ 6.25
6 in.	1.10	8.00
7 in.	1.50	9.50
8 in.	1.60	10.50

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), \$13.00; 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; 10 reams for \$17.50; 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.

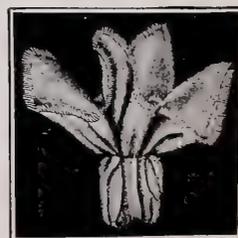


Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 30c; per doz., \$3.50; 25 rolls, \$7.00.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 10c; green Kraft plain, any size roll, per lb., 12c.

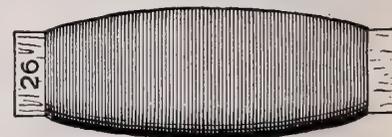
PAPER CUTTERS. 24, 30 and 36-in. Price, complete, \$3.25.

MATS, Imported Japanese Chip. Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$7.25; 500 for \$35.00.



MALINS WIRE STICKS

Put up especially for florists; spools fit the hand, will not unravel or roll away. Packed in 5 lb. boxes. 20 1/4 lb. spools.



THE MALIN & CO., CLEVELAND, O.

No.	Per Spool	Per Box
No. 22	\$0.15	\$2.10
No. 24	.15	2.50
No. 26	.20	2.80
No. 28	.20	3.40

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.



DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. Packaged in handsome glass containers. 3 oz. size, 50c; display carton of 12, \$3.60; 3 oz. size complete with sprayer, 60c; display carton of 12, \$4.32; 8 oz. size, complete with sprayer, \$1.00; display carton of 12, \$7.20.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size 60 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., \$2.52.

APRONS, RUBBER. These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, \$2.75; 3 for \$7.50. Postage, 20c each, extra.



RUBBER APRONS



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.

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.

SCOTCH CELLULOSE TAPE DISPENSER. Heavy duty, each, \$1.35; weight, 8 lbs.



TAPE TRANS-PARENT

1/4 in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

1/2 in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.

WOOD EASELS

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

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch.	.40c	\$4.20	54 inch.	.60c	\$6.00
42 inch.	.45c	4.95	60 inch.	.65c	6.95
48 inch.	.55c	5.40	66 inch.	.70c	7.20

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

None better. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. 6 in. high, \$1.35; 3 for \$3.75; doz., \$13.75.



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 \$6.00
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.)
Vaughan's Florist—3 for \$3.75. Each \$1.35
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$7.00 2.50
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C. 3.00
Henckel's Pruning, No. 2C. 2.50
Putty Knife—No. 120, a very good tool; 3 for \$1.25. . . . Each .50
Pruning, Stag handle. Each, 2.25



Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, \$1.35; doz., \$13.20.
White Handle, No. 83023W, silver nickel shackle for chain attach. Each, \$1.35; 3, \$3.75.



Thermometers

THERMOMETERS.

8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.50; 3 doz., \$7.00.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

Self Registering Tycos. No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$7.50. Three for \$21.00.

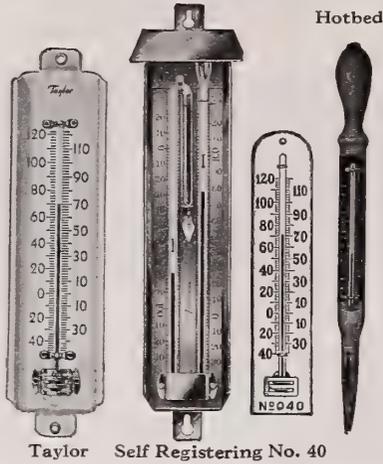
Self Registering. No. 5454, complete with magnet for setting. Each, \$5.00. Three for \$14.25.

Taylor Utility Thermometer. White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, \$1.00; three for \$2.75; doz., \$10.00.

No. 5132. Same as above. 7½ inch. Each, 75c; doz., \$7.80.

Hotbed (Mushrooms). Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.25.

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, range 20 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.



Taylor Self Registering No. 40

SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$7.50.

PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, \$18.75.

Write for descriptive pamphlet.

Charts, 100 for \$1.50.

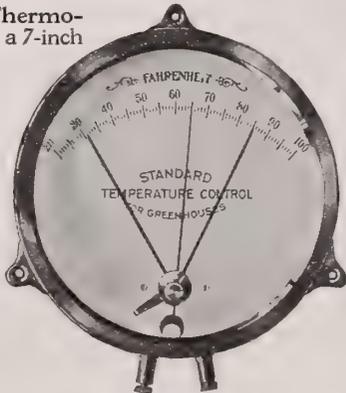
Ink, special non-clogging, bottle, 25c.

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.



Jardiers and Vases

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 jardinieres. 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.....	5¼ in.	100	\$ 8.00
No. 5.....	6¼ in.	80	10.00
No. 6.....	7¼ in.	50	13.00
No. 7.....	8¼ 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, 4½ inches high. \$20.00 per 100, packed 50 per carton.

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-

erating—same as Jardier Vases—stimulating plant growth. **No. 4**—12 in. long—5 in. wide—4½ 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.

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.

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



Colonial



Green Tin Vase

VASE. Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retail at 50c.

Each, 35c; per dozen, \$3.25; 3 dozen for \$9.00.

Tin Painted Green, with spike. Each, 12c; doz., \$1.25; 100 for \$8.95.



Green Earthenware Vase

SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

3-inch diameter.....	Per doz., \$3.00
4-inch diameter.....	Per doz., 4.00
5-inch diameter.....	Per doz., 5.00



Hotbed Supplies

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.60; 3 for \$7.05; doz., \$25.20. Glazed, double strength, each, \$5.35; doz., \$54.60. Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat.
40c crating charge when less than four glazed sashes are ordered.
 Write for prices and samples on paraseptic and parachrys shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



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

VITAPANE GLASS SUBSTITUTE. Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$9.25; 5 roll lots at \$7.40 per roll; when purchased for re-sale, \$6.20 per roll.

CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.35; 100-ft. roll, \$30.50. 28 inches wide, 100-ft. roll, \$24.25.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 27½c.

HOTBED MATS. These mats are made up out of strong woven duck material for the top, and an even batt of cotton felt treated, for the filling, and the bottom well woven burlap, these mats are stitched in squares to assure durability and to give the proper protection. Size 40x78 inches, each, \$3.35; doz., \$37.80. Size 78x80 in., each, \$5.60; doz., \$63.00.

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.

SPEEDLINE LAWN BRUME

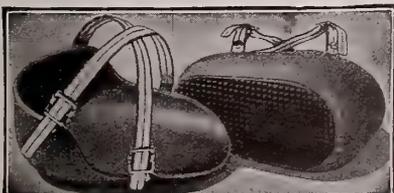


Improved adjustable spring steel flat finger broom rake. Fingers can

be adjusted from 11½ to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.25 each. Dealers' price, doz., \$9.60.

KNEE PADS

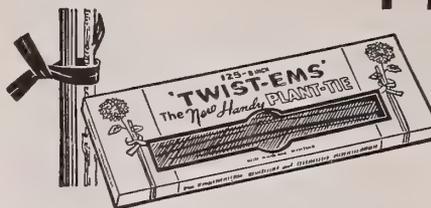
All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.65; 3 for \$4.50.



The Gardenade. Combines a kneeling pad and a convenient rack for your garden tools. The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort. Can also be used in the home when it is necessary to kneel, cleaning floors, etc. Price, each, \$2.95; six for \$7.50.



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 unfastened. Tape protects stem against injury. Price: 4-inch, per 1000, \$1.00; 5000 lots at 90c per 1000; 10,000 to 25,000 lots 85c per 1000; 6-inch, per 1000, \$1.15; 5000 lots at \$1.05 per 1000; 10,000 to 25,000 lots at 95c per 1000. 8-inch, per 1000, \$1.25; 5000 lots, \$1.10 per 1000; 25,000 lots \$1.05 per 1000. 16-inch, per 1000, \$2.25; 5000 lots at \$2.00 per 1000; 10,000 to 25,000 lots at \$1.90 per 1000. Freight Prepaid in lots of 25,000 or over.

Retail pkgs. consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6¾ inches, bottom circle 7½ inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.



Price, 2-ring supports, \$8.50 per 100; \$80.00 per 1,000. 3-ring supports, \$9.50 per 100; \$90.00 per 1,000.

Write for price in large quantities.

PEONY AND TOMATO SUPPORTS

Made of strong galvanized wire, will not rust. An excellent support for Delphinium and Larkspur. No. 6 gauge. Ring diameter, 14 inches height, 30 inches packed 50 in a bundle; weight 142 lbs. per hundred. Price per bundle of 50, \$9.50; per 100, \$18.00.



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	¾-inch Flat.....	.75	.....	.70

RAFFIA. Natural, Best Grade, F. O. B. Chicago. Lb., 80c; 5-lb. lots, per lb., 78c; 10-lb. lots, per lb., 75c; 25-lb. lots, 70c; 100 lbs., per lb., 68c. Bale lots (about 225 lbs.), per 100 lbs., \$65.00.

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.

SAXOLIN DUPLEX CRINKLED 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, 45c; 5 rolls for \$2.15; 10 rolls for \$4.00; 25 to 49 rolls at 37c roll; 50 rolls or more at 35c roll.



EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners.

Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; doz. pair, \$6.60.



Pots, Tubs, Vases and Hormones

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	4.85	1,000	24 lbs.
3 1/2	1.15	5.90	6.10	1,000	34 lbs.
4	1.30	7.20	7.45	500	46 lbs.
5	1.85	9.65	9.95	500	74 lbs.
6	2.40	12.50	12.85	500	102 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate	Lots Only	No. of Pots in Crate	Price per 100
2 in.	1,500	\$ 9.60	6 in.	\$ 6.85 per 100
2 1/4 in.	1,200	12.35	7 in.	11.35 per 100
3 in.	800	15.95	8 in.	16.25 per 100
4 in.	360	2.85	9 in.	24.95 per 100
5 in.	240	4.95	10 in.	33.50 per 100
			12 in.	68.00 per 100

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

BULB PANS

	Doz.	Per 100
5 inch	\$0.95	\$4.95
6 inch	1.10	6.85
7 inch	1.95	11.35
8 inch	2.60	16.25
10 inch	4.60	33.50

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

No.	Wt. Per 100	F.O.B. Chicago Per 100	F.O.B. Chicago Per 1,000	F.O.B. Kansas City Per 1,000
0	35 lbs.	\$2.70	\$24.25	\$22.50
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

SPECIAL LIGHT WEIGHT CLOVERSET POTS

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

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4 3/4 in.	3 1/2 in.	10 in.	\$ 6.25
255	6 1/2 in.	5 1/4 in.	12 in.	8.25
257	6 1/2 in.	5 1/4 in.	15 in.	9.25
57	5 in.	3 1/2 in.	5 in.	5.25
59	6 1/2 in.	5 1/4 in.	7 in.	6.75
65	7 1/2 in.	6 1/4 in.	8 in.	7.75
66	9 in.	7 1/4 in.	10 in.	9.50
68	9 in.	7 1/4 in.	12 1/2 in.	11.40
69	9 in.	7 1/4 in.	18 in.	12.75
70	9 in.	7 1/2 in.	24 in.	15.60



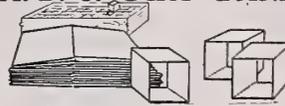
Galv. Vase

AZALEA POTS, Also Suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch	117	9 inch	28
7 inch	99	10 inch	24
8 inch	50	12 inch	6



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 3/4 x 1 3/4 x 2 3/4	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 1/2	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

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 Diameter	Top Diameter	Depth	Price Each	Four for	Inside Diameter	Top Diameter	Depth	Price Each	Four for
No. 1	7 in.	6 in.	\$0.70	\$2.60	No. 9	14 in.	13 in.	\$1.85	\$7.00
No. 2	7 in.	7 in.	.75	2.80	No. 11	16 in.	15 in.	2.10	8.00
No. 3	8 in.	8 in.	.80	3.00	No. 13	18 in.	17 in.	2.95	11.60
No. 5	10 in.	9 in.	.95	3.60	No. 14	19 in.	18 in.	3.50	13.60
No. 7	12 in.	11 in.	1.20	4.60					

In lots of 12 tubs, less 5%. If handles are required, add 45c per tub

HORMODIN The Root-Forming Chemical

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is available. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin of recommended strength for from 4 to 48 hours, according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. I. Units	Price per Package
20	\$.50
60	1.00
240	2.50
480	4.50
960	8.00

All Postpaid.

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



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, 3/4-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.

Transplantone For treatment of transplant's 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; 1 oz., 50c; Doz., \$4.00; 3 oz., \$1.00; 1 lb., \$4.00.

Fruitone. The hormone spray for stopping pre-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, \$7.80.

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



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 electrical 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.....200 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.

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.



Happiness Vase (Blue)
Packed 12 to a corrugated shipping carton, one each in a paper carton, \$2.25 per doz., retail at 35c each, f.o.b. Chicago.

HYACINTH GLASSES.
In Amber, Green, Ruby and Crystal. \$3.00 per doz., 3 doz., \$8.25.

PROTEX

A protection for coniferous and deciduous plants and the broad-leaved evergreens, replacing burlap, etc. It has a latex base and after spraying, a thin colorless, transparent film of porous rubber is left which permits normal respiration. Winter Protex shields against cold and freezing conditions, and the drying action of wind and sun; it expands with growth and does not bind; new buds penetrate readily; rain does not wash it away. One gallon of winter Protex will protect 12 to 15 trees of 12 inch diameter, or 20 to 30 three foot broad-leaf evergreens, or 250 to 300 rose bushes of transplanting size.



Winter Protex

55 gallon drum, \$2.50 per gallon; 5 gallon cans, \$15.00 each; 1 gallon, \$3.50 per gallon; 1 quart can (sample can), \$1.00 per quart.

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. Kills weeds without permanent injury to grass. Will control Crab grass. Two applications are generally desirable. One pint will make 10 gals., enough to cover 1,000 square feet. Price per pint, \$1.25; doz., \$9.00; qt., \$2.00; doz., \$14.40; gal., \$6.00.

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.



V100. Mottled Marble Finish Bowls. These bowls have a very artistic mottled marble effect and should not be compared with ordinary pottery bowls. 7-inch. 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; 50 lbs., \$4.75.

Pearl Chips, White, for growing Bulbs in bowls at \$2.75 per 100 lbs; 500 lbs., \$12.00.

Pearl Chips, Colored, \$3.00 per 100 lbs; 500 lbs., \$13.75.

White and Colored Pearl Chips. Packed in small boxes of approximately 1 lb. 36 to a carton. White, price per carton, \$2.00; Colored, per carton, \$2.25.

White and Colored Polished Whole Shells. Put up in small packages. 36 to a carton. White, per carton, \$2.00; Colored, per carton, \$2.25.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.



De Luxe Pilot Lightweight Wheelbarrow

handles. Wheel cadmium plated steel disc type, tire 10x2¾ inches. 2-ply pneumatic wheel. Price, \$8.00; 3 for \$22.50. Complete with steel wheel, \$4.75.

DeLuxe Pilot Lightweight Wheelbarrow

Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 33x25 ½ ins., capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood



Vaughan's Handi Cart

A new and greater convenience for odd jobs around the greenhouse, home garden, garage, and yard. Built extra strong to stand overloading. Handles easily. 2½ cubic ft. capacity. Shipping weight 24 lbs. Price, each \$6.95.



WHEEL-BARROW

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2½-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$10.50.

Equipped with a pneumatic tire and ball bearing wheel. Price, \$17.95. Shipping weight, 55 lbs.; with rubber wheel, 67 lbs.

Wheelbarrow Wheel with rubber tire. 4-ply tire and wheel, complete, \$7.75. Shipping weight, 12 lbs.

Labels for Plants Pots and Gardens



PLANT MARKERS. Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, \$3.95.

ROCK GARDEN LABELS. 4-in. galvanized small oval bowl for rock gardens, per 100, \$3.95; small bottle black ink for marking the above, each, 35c.

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 $3\frac{3}{4}$ x $\frac{3}{4}$ inches. Price per 100, \$1.50.

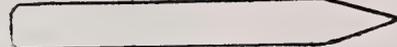
COPPER LABELS. Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

EVERLASTING ZINC 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; 1,000 for \$3.75; 5,000 for \$16.75.

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, $\frac{5}{8}$ inch wide. When ordering, specify pot labels or garden stakes, painted or plain.



	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.75	\$2.10
5-inch.....	1000	1.95	2.35
6-inch.....	1000	2.15	2.65
8-inch.....	500	2.90	3.85
10-inch.....	500	3.95	4.85
12-inch.....	500	4.95	5.85

GARDEN STAKES

8-inch— $\frac{7}{8}$ inch wide.....	250	4.85	5.85
10-inch— $\frac{7}{8}$ inch wide.....	250	5.85	6.85
12-inch— $1\frac{1}{8}$ inch wide.....	1000	7.75	9.75

LABELS (Tree). Wooden, $3\frac{1}{2}$ in. wired. Per 1000, plain, \$2.00; 5,000 to 9,000, per 1,000, \$1.95; 10,000 or more, per 1,000, \$1.85; painted, per 1,000, \$2.50; 5,000 to 9,000, per 1,000, \$2.45; 10,000 or more, per 1,000, \$2.40.



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



GARDEN KING 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, per 100, \$2.25; 500 for \$9.50; 18-inch, per 100, \$2.50; 500 for \$11.50.

GARDEN KING TREE OR SHRUB MARKER. 4-inch copper wired. Per 100, for \$1.75; 500, for \$8.00; 1,000 for \$15.00.



SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $\frac{1}{8}$ to $\frac{1}{2}$ inch. Each, \$1.60. Three for \$4.35.



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 $2\frac{1}{2}$ " x $1\frac{1}{2}$ ".

12 markers.....	\$0.90
25 markers.....	1.75
50 markers.....	3.35
100 markers.....	6.25

NEW STEEL WHITE CAP GARDEN MARKER.

The 9-inch double wire stickers are capped with a durable white zinc tablet $\frac{5}{8}$ inch wide, $2\frac{5}{8}$ inch long. This name tablet is removable, either side may be written on; just bend the folded ends back, reverse and fold ends over securely. Lead pencil

marks stay on for years, yet can be erased if desired. Price, doz., 50c; 30 for \$1.00; 100 for \$3.00. Extra tablets 55c per 100.

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.45; 500 for \$6.00; per 1000, \$11.00; If shipped from New York, per 100, \$1.75; 500 for \$7.75. per 1,000, \$13.50. Special price on larger lots on application.

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago Per 100	Per 1000	Per Bale of 2000	F. O. B. New York Per 100	Per 1000
1½ feet.....	\$0.85	\$4.10	\$ 7.95	\$0.75	\$3.90
2 feet.....	1.10	5.75	9.75	1.00	5.25
2½ feet.....	1.25	7.00	12.90	1.10	6.25
Natural, 6 ft.....	2.25	14.50	13.90	1.75	6.50
3 feet.....	1.50	7.40	14.85	1.30	7.50
3½ feet.....	2.00	8.25	16.95	2.00	8.00
4 feet.....	2.25	8.95			

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for \$1.35; 500, \$4.75; 1,000, \$8.00.

Write for price on green painted light and heavy wood stakes.

Heavy Chinese 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.	
		New York Per 100	Chicago Per 100
4 ft.	$\frac{1}{2}$ to $\frac{5}{8}$ inch.....	\$6.25	\$6.75
4 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	7.00	7.35
5 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	7.60	8.00
6 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	8.25	9.00
8 ft.	$\frac{5}{8}$ to $\frac{3}{4}$ inch.....	9.25	10.00

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 3%; 6,000 or more, 5% from 1,000 price. Write for prices on shorter or longer stakes.

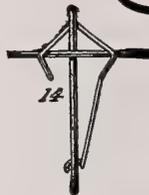
No. of Gauge— No. 9 Wire	Per 100	Per 500	Per 1000	No. 8 Wire		
				Per 100	Per 500	Per 1000
3 ft.....	\$1.80	\$ 8.25	\$14.60	\$2.25	\$10.75	\$17.75
4 ft.....	2.15	9.75	17.25	2.75	12.25	22.00
5 ft.....	2.75	13.00	23.75	3.50	15.50	25.75
6 ft.....	3.25	14.75	26.75	4.20	16.75	29.95

PLANT TIES Lighting Wire. Per box of 1,000, \$2.00; 5 or more boxes, \$1.80 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.



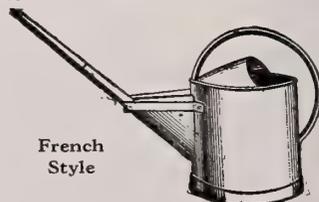
STAKE FASTENERS. Everlasting, packed 500 to a box, per box, \$1.30; 10 boxes or more, \$1.20 each.



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

EVER READY SMUDGE STOVE.

Will drive away mosquitoes, flies and other insects. Has a pleasant odor. Will last a long time and is inexpensive to burn. Is safe to use as there are no sparks to fly about. No danger of burning your lawn. Can be used on fishing trips, lawn parties, etc. Ea. 35c; dozen, \$2.80; 36 Smudge Stoves for \$8.00.



French Style



WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$5.65; 6-qt., \$6.10; 8-qt., \$6.65; 10-qt., \$7.25; 12-qt., \$7.95.

French Style. Oval, otherwise same make as above. 6-qt., \$6.75; 8-qt., \$7.25; 10-qt., \$7.95; 12-qt., \$8.85.

Vaughan's High Grade Fertilizers

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

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

Chemical Nitrogens, and Chemical Nitrogen Mixtures such as Special Florists Mixture, Vaughan's Lawn and Garden, and Loma sold for vegetable crops only, as requested by W. P. B.

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

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

BONE MEAL, Vaughan's Rose Grower. We have built an enormous trade with this brand with our florist customers. The bone has been steamed so that it is much quicker in action than the untreated stock. Analysis—Ammonia, 3¼%; total phosphoric acid, 22%. Price, 5 lbs., 40c; doz., \$4.20; 10 lbs., 70c; 25 lbs., \$1.45; 50 lbs., \$2.40; 100 lbs., \$3.25; 1,000 lbs., \$30.00; 2,000 lbs., \$55.00.

BONE MEAL, Regular or Standard Grade. Not steam treated. Price, 100 lbs., \$3.00; 1,000 lbs., \$28.00; 2,000 lbs., \$53.00.

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

BONE, BLOOD AND POTASH. Fertilizer Mixture (analysis 5-8-7%). Can be applied as a liquid manure, using 8-inch potful to barrel of water. Price, 100 lbs., \$3.25; 1,000 lbs., \$25.00; 2,000 lbs., \$45.00.

CATTLE MANURE, Shredded. High grade natural fertilizer. 100 lbs., \$2.25; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

CHARCOAL. Put up in 50 lb. bags. We can supply all sizes from powder to lump. Price, per bag, \$2.00; Write for price on larger quantities.

DRICONURE. A good fertilizer with a peat moss base impregnated with a high grade manure. 50 lb. bag, \$1.75.

DRIED BLOOD. Price, 100 lbs., \$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. Price 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, 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, \$3.50. Write for quantity lot prices. ¼ bales, \$2.25.

ELECTRA 4-9-3. (F. O. B. Massachusetts). A great favorite with private gardeners and commercial growers. High in organics. 100 lbs., \$6.75.

HORN DUST. Has same effect as Horn shavings except it is immediately available. 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 bags. Per 100 lbs., \$2.00; 1,000 lbs., \$17.50; 2,000 lbs., \$32.00.

LOMA. A well balanced plant food for commercial growers. Best fertilizer for all types of plants either under glass or outside. Price 1-lb., pkgs., 24 in case, per case, \$1.44; 5-lb., carton, 12 in a case, per case, \$3.60; 10-lb. bags, packed, 10 in a jute sack, per sack, \$5.70; 25-lb., bags 4 in a sack, per sack, \$4.20; 50-lb., bags, 2 bags to a sack, per sack, \$3.54; 100-lb. bags, \$2.90. (300 lbs., or over Freight Prepaid).

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manure, but the cheapest and best form in which to apply nitrogen to plants. Price, 100 lbs., \$3.00.

ORCHID PEAT. Two bushel bag, \$2.25; 5 bags at \$2.10 each.

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

SUPERPHOSPHATE. 20% available. 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. Price, 100 lbs., \$7.50. Ton lots @ \$7.00 per cwt.

VAUGHAN'S LAWN AND GARDEN FERTILIZER 5-8-6. Does the work of twenty times its weight of farmyard manure and does it better, more quickly and cheaper and lasts longer. Sterilized. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, 100 lbs., \$3.00; 1,000 lbs., \$25.00; 2,000 lbs., \$45.00.

VIGORO. Can be sold to commercial flower, vegetable and plant growers and government institutions only, but not to dealers for resale for general gardening. 1-lb. pkgs., case of 32, \$1.92; 5-lb. case of 14, \$4.00; 10-lb. case of 6, \$3.36; 25 lbs., each, \$1.00; 50 lbs., each, \$1.70; 100 lbs., \$2.75.

NOTE—Owing to the delays and uncertainties of Imported Fertilizers, we cannot guarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

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. 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

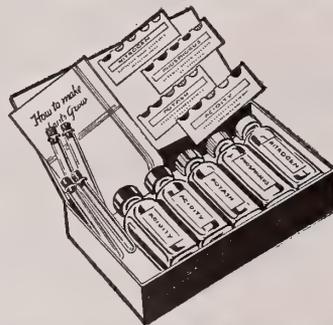
The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid 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 Professional Soil Test Kit—Contains enough material for 200 individual tests. Price complete with instructions, \$18.50.

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 greenkeepers 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.

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.

SALEM 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.

Salem. 16 in. each, \$3.50; 20 in., each, \$6.00; 30 in., each, \$11.50.



MASTERS

36-inch size equipped with double disc wheels.

18-inch size \$9.90
24-inch size 12.75
36-inch size 19.75

Rubber Hose, Couplers, Nozzles, Etc.

Vaughan's 3/4" Water Hose

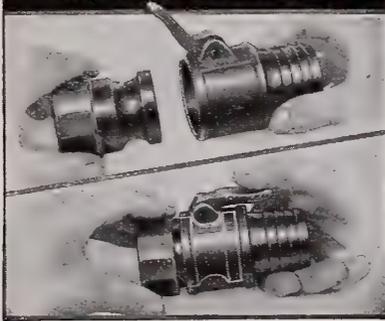
This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price 26c per foot. Couplings, 35c per set extra. This hose can be furnished in any length.

5/8 in. Single Braid Hose. Price per 50 ft. length \$4.50.



Price 3/4 or 1/2-inch couplings 25c per set; sample mailed free if desired.

JUST PRESS THE LEVER—
Instant, tight connection—
a great time-saver!



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-in. hose. Doz., 40c; gross, \$3.75.



PERFECT CLINCHING HOSE COUPLER. 3/4-inch. Per pair, 30c; per doz., \$3.20.

PERFECT CLINCHING HOSE MENDER. Each, 12c; doz., \$1.25.

HOSE WASHERS. 3/4-inch. Doz., 5c; gross, 50c.

ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 85c; doz., \$9.00.



HOSE MENDER, The Cooper.

It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no

mechanical skill to adjust them. Price: For 1/2 or 3/4-inch hose, each, 12c; 4 for 40c; doz., \$1.00. 1-inch hose, each, 15c; doz., \$1.50.

Paradise Syringing Nozzle. 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle—

Brass. 3/4-inch hose. State whether coarse or fine spray is wanted. Each, \$1.45; by mail, \$1.55.



"Justrite Nozzle"—Throwing all variations, from fine spray to stream. Each, 65c; doz., \$6.60.



Pruning Tools

SAWS (Atkins) Double-Edged Pruning.

16-in. . \$1.50
18-in. . 1.65
20-in. . 1.80



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

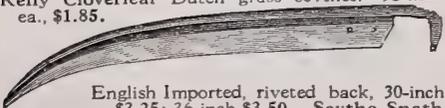


Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.35; 3 for \$6.75.

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

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes. 32-inch, ea., \$1.85.



English Imported, riveted back, 30-inch, \$3.25; 36-inch \$3.50. Scythe Snath, each, \$1.95. Scythe Stone, Natural, 25c each.



SHEARS, Pruning. 6-in., \$1.75; 9-in., full polished with ratchet, American made, best quality, \$1.85. Extra springs, ea., 15c.

AMERICAN FULL POLISHED. Pruning shear 9 inch with brass springs, each \$2.00.

PORTER'S PROFESSIONAL PRUNING SHEAR. A high grade shear tempered steel blade, 9 inch. Each, \$3.50.



Snap Cut Pruner. Full polished. Each, \$2.10.



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.



THE PORTER POINTCUT PRUNER

Light in weight, 2 1/2 lbs., 20 inches long. Easy to use in close places. Price, \$5.00.



FORESTER PRUNERS

No. 1—20 inches long, designed for the fruit grower. Each, \$5.00. Weight, 2 lbs. 10 oz.

No. 2—27 inches long, has a capacity up to 1 1/2 inch in green wood. Price, \$6.25. Weight, 4 lbs. 10 oz.

No. 3—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, \$7.25.

IMPROVED TELEPHONE PRUNER. A

strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power strength and greatly improved 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., \$2.10; 8-ft., \$2.50; 10-ft., \$2.75; 12-ft., \$3.10 Extra blades, each, 30c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Each, \$8.75.

IMPROVED TELEPHONE PRUNER. A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power strength and greatly improved 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.

Wreath and Bouquet Materials

GRASS RUG or MATS (RAFFIA) Green, finest quality. 72 inches long, 36 inches wide. Each, \$3.50; doz., \$37.50.



WIRED PICKS.

2½-inch Plain.....	Box of 10,000	\$ 2.85
3 -inch Green.....	Box of 8,000	4.20
4 -inch Green.....	Box of 4,500	3.75
6 -inch Green.....	Box of 3,000	2.95
2½-inch Plain.....	Case of 50,000	12.50
4 -inch Green.....	Case of 10,000	7.25

MATCH or HYACINTH

STICKS. Dyed green; 5-inch, 65c; 12-inch, \$1.50; carton of 9000, \$12.20; 18-inch, \$2.00 per 1000; carton of 6000 at \$10.85.



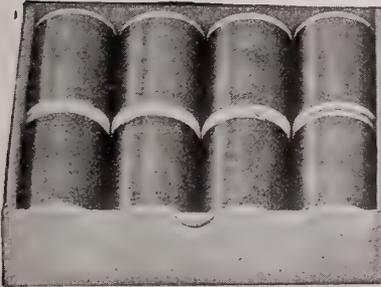
TWINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$3.25.

Write for prices on larger quantities.

Florists' Thread, Green. Myers' best brand. Similar to Silkline, 8 spools to a box. Per lb. box, \$1.10; 10 boxes at \$1.05 per box.

Green Sea Island Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 95c; 5 boxes at 90c per box.

Green Sea Island Twine. 2 lbs., per cone, \$1.80; 3 cones for \$5.25.



BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.50.

Prices Subject to Change Without Notice.

FLORISTS' SNIPS (Especially suitable for cutting wire, etc.) Each, \$1.45; 3 for \$4.00.



Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.45; 3 for \$4.00.

FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, \$2.45.



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, \$16.00 (weight 17 lbs.)

We will fill orders for Baskets, Wire Designs and wire from our Spring Florist Catalog as long as our stock lasts.



MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.



Spray Bars

3½ ins. wide, 2 ins. thick		Length Each		Length Each	
8 ins...	\$0.10	20 ins...	\$0.18		
12 ins...	.11	22 ins...	.19		
14 ins...	.12	24 ins...	.21		
16 ins...	.14	30 ins...	.24		
18 ins...	.16				

Spray Bars

4½ ins. wide, 2½ ins. thick		Length Each		Length Each	
18 ins...	\$0.24	36 ins...	\$0.42		
24 ins...	.29	42 ins...	.46		
30 ins...	.36	48 ins...	.50		

Spray Bars

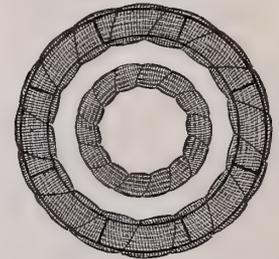
6 ins. wide, 2½ ins. thick		Length Each		Length Each	
24 ins...	\$0.35	42 ins...	\$0.55		
30 ins...	.40	48 ins...	.70		
36 ins...	.45				

Crosses

Size	Each	Size	Each
18-in....	\$0.32	30-in....	\$0.60
20-in....	.36	33-in....	.70
22-in....	.40	36-in....	.95
24-in....	.45	42-in....	1.40
27-in....	.50	48-in....	1.75

Hearts—Solid

Size	Each	Size	Each
16-in....	\$0.45	24-in....	\$0.90
18-in....	.60	27-in....	1.15
21-in....	.75		



Wreaths

Size	Each	Size	Each
10-in....	\$0.15	24-in....	\$0.40
12-in....	.17	27-in....	.50
14-in....	.20	30-in....	.70
16-in....	.24	33-in....	.90
18-in....	.28	36-in....	1.10
20-in....	.32	42-in....	1.75
22-in....	.36	48-in....	2.50

Pillows

NEW IMPROVED

Size	Each	Size	Each
16 ins...	\$0.65	24 ins...	\$0.95
18 ins...	.75	27 ins...	1.20
21 ins...	.85	30 ins...	1.45

Casket Panels

Wide	Long	Thick	Each
12 ins., 36 ins.,	2½ ins.	24 ins.	\$0.95
14 ins., 36 ins.,	2½ ins.	27 ins.	1.05
16 ins., 36 ins.,	2½ ins.	30 ins.	1.20
18 ins., 36 ins.,	2½ ins.	30 ins.	1.30
20 ins., 36 ins.,	2½ ins.	30 ins.	1.50

Mushroom Spawn and Profitable Greenhouse Vegetables

CUCUMBER—"The Vaughan"

The Vaughan. (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

CUCUMBER—English Frame Variety

Rollison's Telegraph. Greenhouse, English grown. Pkt., 25c; oz., \$2.00.

Lettuce

GRAND RAPIDS FORCING. Vaughan's Selected Stock for Greenhouse Use. This grand forcing variety is the hardiest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for this purpose.

Vaughan's Extra Selected Stock. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75.

Bibb. A favorite forcing lettuce in Kentucky and well worth trying in a limited way in the north. Especially favored by high class hotels. Smooth leaf dark green and small head but of exceptionally high flavor. Pkt., 25c; oz., 50c;

Mushroom Spawn

(NEW SPORE CULTURE)

One brick will plant 10 square feet. Price, per brick (weight about 1 lb.), 35c; 5 bricks, \$1.50; 10 bricks, \$2.50; 100 bricks, \$18.00. Not prepaid.

No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.

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. Price per doz. bottles, \$7.50 not prepaid; per bottle 75c; prepaid within third zone. One bottle covers 35 to 40 square feet.

Radish

Improved Early Scarlet Globe. Vaughan's Selected Stock. The standard red radish for hot-bed and forcing use. An unequalled strain of this most popular sort. Oz., 15c; ¼ lb., 35c; 1 lb., 90c; 10 lbs. or more, 85c 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 nothing but those yielding heavy crops should be used. We have selected the best strains possible for production, quality and resistance.

Mich. State, bred to Michigan conditions where there is an excess of cloudy weather yet produces a heavy crop. A red tomato, smooth and very productive. Pkt., 25c; oz., \$1.50.

Livingstons Globe (pink). Pkt., 25c; oz., \$1.50.

Grand Rapids (red). Pkt., 25c; oz., \$1.50.

Bonny Best (red). Pkt., 25c; oz., \$1.50.

Globe (pink). Pkt., 25c; oz., \$1.50.

The above all produce heavier than Marglobe, another resistant type.



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

Larger Profits In Quality Seed

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 re-cleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), \$17.00 per 100 lbs.; less than 112 lbs., 18c per lb.; 10 to 25 lbs., 19c per lb.

Standard. Purity 80%. Full bags (112 lbs.), \$16.50 per 100 lbs., less than 112 lbs., 17½c per lb.; 10 to 25 lbs., 18½c per lb.

Extra Fancy Seed. Purity about 92%. Full bags (112 lbs.), \$19.50 per 100 lbs.; less than 112 lbs., 20½c per lb.; 10 to 25 lbs., 21½c per lb.

Refined Suncured Seed. Purity 98%. Full bags (112 lbs.), \$22.00 per 100 lbs.; less than 112 lbs., 23c per lb.; 10 to 25 lbs., 24c per lb.

RED TOP, Refined. Extra Re-cleaned Purity 97 to 98%. Full bags (100 lbs.), \$11.50 per 100 lbs.; broken bags, 12½c per lb.; 10 to 25 lbs., 13½c per lb. Bags 40c each extra.

Extra Fancy. Purity 95%. Full bags (100 lbs.), \$10.75 per 100 lbs.; broken bags, 11¾c per lb.; 10 to 25 lbs., 12¾c per lb. Bags extra, 40c each.

Fancy. Purity 92%. Full bags (100 lbs.), \$10.00 per 100 lbs.; broken bags, 11c per lb.; 10 to 25 lbs., 12c per lb. Bags 40c each extra.

CLOVER, White Dutch. Bags, 40c each extra.

Extra Fancy. \$67.00 per 100 lbs.; less than 100 lbs., 68c per lb.; 10 to 25 lbs., 69c per lb.

Choice Grades. \$65.00 per 100 lbs.; less than 100 lbs., 66c per lb.; 10 to 25 lbs., 67c per lb.

Prime. \$63.00 per 100 lbs.; less than 100 lbs., 64c per lb.; 10 to 25 lbs., 65c per lb.

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

PERENNIAL RYE GRASS. \$15.00 per 100 lbs.; broken bags, 16c per lb.; 10 to 25 lbs., 17c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), \$8.50 per 100 lbs.; broken bags, 9½c per lb.; 10 to 25 lbs., 10½c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$43.00 per 100 lbs.; broken bags, 45c per lb.; 10 to 25 lbs., 47c per lb.

CREEPING RED FESCUE. A variety of fescue seemingly superior to Chewings. 100 lbs. \$65.00; less than 100 lbs., 67c per lb. 10 to 25 lbs., 70c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), \$75.00 per 100 lbs.; broken bags, 77c per lb.; 10 to 25 lbs., 80c per lb.

Red Tag. \$73.00 per 100 lbs.; broken bags, 75c per lb.; 10 to 25 lbs., 78c per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, \$67.00 per 100 lbs.; broken bags, 69c per lb.; 10 to 25 lbs., 72c per lb.

Ask for quotations on grasses not listed.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100lb. bags, \$17.00; 1-lb. cartons (ea., 25c), \$20.00 per 100 lbs.; 5-lb. bags (ea., \$1.15), \$19.00 per 100 lbs.; 10 to 25 lbs., 20c per lb. Retail 35c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., \$22.00; 1-lb. cartons (ea., 27c), \$25.00 per 100 lbs.; 5-lb. bags (ea., \$1.25), \$24.00 per 100 lbs.; 10 to 25 lbs., 25c 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 60c per lb.) Price, \$36.00 per 100 lbs.; 5-lb. bags (ea., \$2.00), per 100 lbs., \$38.00; 1-lb. cartons (ea., 42c), per 100 lbs., \$39.00. Orders for 10 to 25 lbs., 38½c 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, 17c (Retail for 30c)	}	\$29.00
1 -lb. carton, each, 32c (Retail for 50c)		
2 and 3-lb. cartons	.....	28.50
5-lb. cartons or bags (each, \$1.50)	.....	28.00
10 and 15-lb. bags	.....	27.50
50 and 25-lb. bags	.....	27.00
100 lb. lots	.....	26.00
300 lb. lots	.....	25.50
500 lb. lots	.....	25.00
1000 lb. lots	.....	24.00

Lots of 10 to 25 lbs., 28½c 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, 20c (Retail for 35c)	}	\$35.00
1 -lb. carton, each, 40c (Retail for 55c)		
2 and 3-lb. cartons	.....	34.50
5-lb. cartons or bags (each, \$1.85)	.....	34.00
10 and 15-lb. bags	.....	33.50
50 and 25-lb. bags	.....	33.00
100 lb. lots	.....	32.00
300 lb. lots	.....	31.50
500 lb. lots	.....	31.00

Lots of 10 to 25 lbs., 34½c lb. On Larger Lots Ask For Prices.

Vaughan's Dense Shade Formula

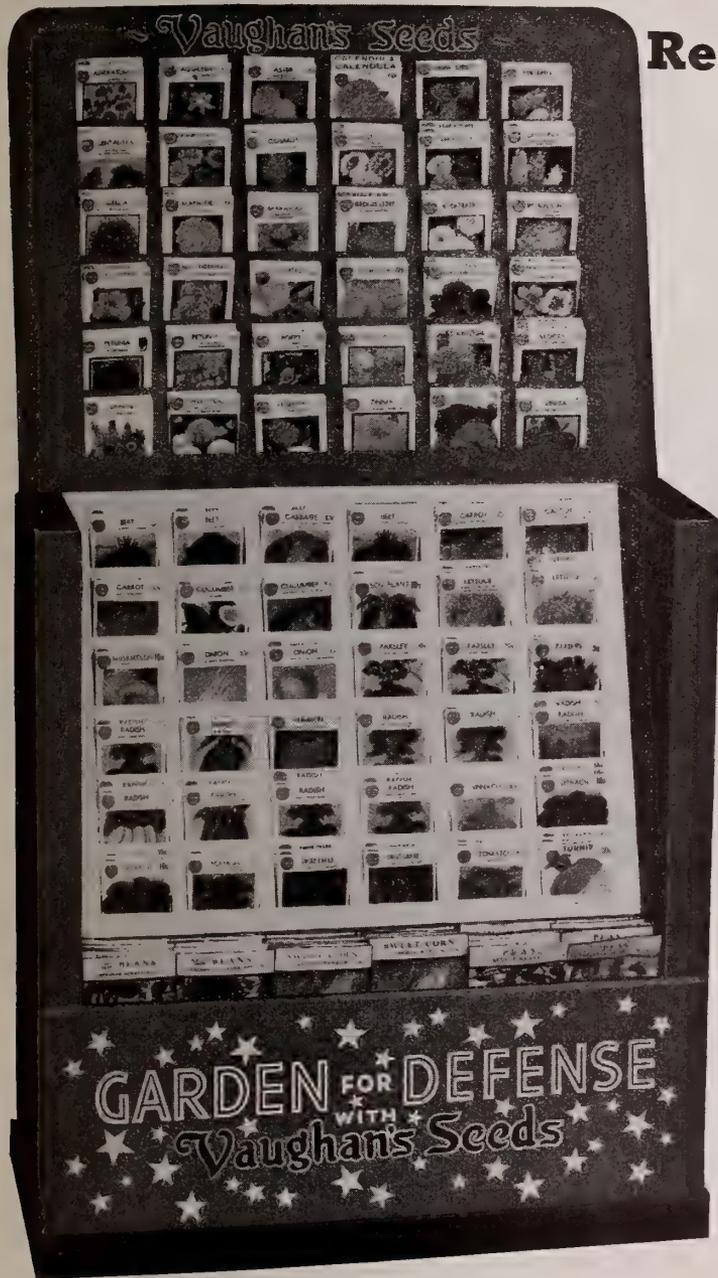
Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture. We consider it the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

(Retail at 65c per lb.) Price, \$38.00 per 100 lbs.; 5-lb. cartons (ea., \$2.15), per 100 lbs., \$40.00; 1-lb. cartons (each 45c), per 100 lbs., \$41.00. Orders for 10 to 25 lbs., 40½c per lb.

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

Vegetable Seeds for Victory Gardens

Every family which has a plot of fertile soil will be urged by the government to grow vegetables in 1943. The demand for vegetable seed packets, which doubled in 1942, may double again. Be sure you have them for sale. Vegetable packets in all our seed assortments will be substantially increased. Send in your contract for seed without delay; our assortments are limited in number, and first come will be first served.



Red, White and Blue Display

We shall continue to use for 1943 the strikingly beautiful Victory Garden Display Rack designed in our national colors. The slogan on the lower panel will be changed to read "Garden for Victory with Vaughan's Seeds." 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 otherwise 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 1943 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.

OUR RED, WHITE AND BLUE RACK FOR 1942

Flower and Vegetable Flower Seed Only

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

Please forward in due season an assortment of Vaughan's seeds for 1943.

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.

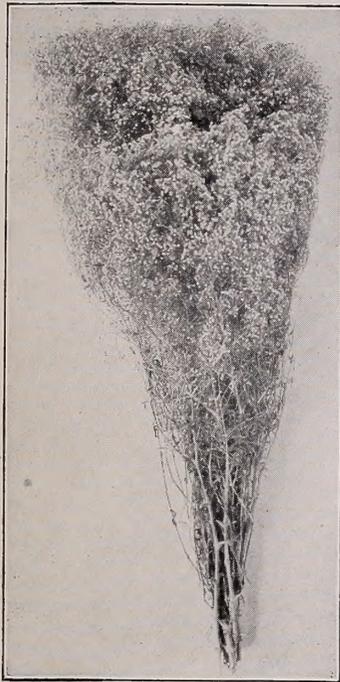
The undersigned further agrees, when the season is ended, to destroy the display rack furnished by Vaughan's Seed Store.

Your Firm Name _____

Your Address _____

Sign here _____

Wreath and Bouquet Materials

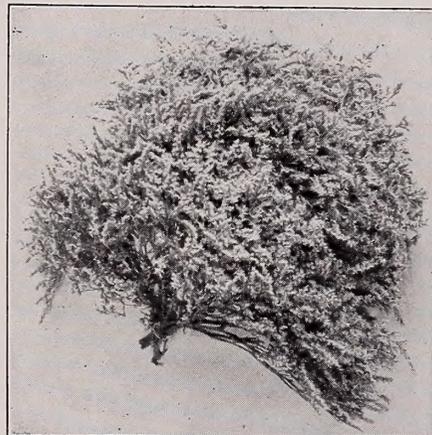


GYPSOPHILA

GYPSOPHILA (Baby Breath). Pure White Flowers. Full large bunches. Per bunch, 80c; 10 bunches for \$7.25.

COLORED GYPSOPHILA. Rose Pink, Lavender, Green, Yellow, Blue, Gold and Red. Per bunch, \$1.00; 5 bunches for \$4.75.

Prices subject to change without notice.



STATICE

MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.70; 50 lb. case \$10.50; per case of 100 lbs., \$19.75. Red per carton, \$1.95.



ADIANTUM FERNS, Prepared, Green. Medium Sprays. Per bunch of 25, \$2.00; per 100, \$6.50.



IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch 75c; doz., \$7.80.

Write us for prices in case lots.

LYCOPODIUM, Prepared and Green Dyed. 5 lb. carton, \$1.35; 10 lb. carton, \$2.15; 100 lbs., \$18.00.

PREPARED LYCOPODIUM WREATHS. The best selling cemetery wreath for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers. Plain, 11 in., doz., \$2.40; 100, \$17.50; 14 in., doz., \$4.35; 100, \$32.00. Decorated, 11 in., doz., \$2.95; 100, \$22.50; 14 in., doz., \$5.20; 100, \$35.00.

TRANSPARENT RED LYCOPODIUM. Price, 5 lb. carton, \$5.50; 10 lb. carton, \$10.00. Write for prices on larger quantities.

Spaghnum 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, \$1.30; 25-bale lots, per bale, \$1.25. Write for prices on moss in large quantities, F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. Chicago. Single bale, \$1.50; 10 bales, \$14.00; 25 bales \$33.75.

Write for prices on larger quantities.

New York prices 35c bale higher. Cartage free.

SHEET MOSS, Extra fancy green, for Windows, Baskets, etc. Per sack, \$1.35; 5 sacks for \$6.25.

Above prices are subject to change without notice.

STATICE, for Basket and Wreath Work. Natural, 1 lb., 95c; 5 lb. carton, \$4.25; 10 lbs., \$8.00. Colored, Pink, Yellow, Lavender, Red, and Blue. Per lb., \$1.45.

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

Prices	Short	Long
5 lbs.	\$ 1.35	\$ 1.35
25 lbs.	4.95	4.50
50 lbs.	9.50	9.00
100 lbs.	18.00	17.00

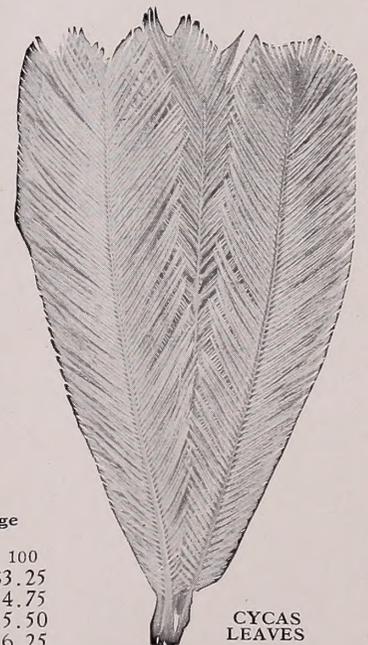
Specify color when ordering

CYCAS LEAVES.

Prices subject to change without notice.

Length	Pkg. of 10	100
4 to 8 in. . .	\$0.40	\$3.25
16 to 20 in. . .	.60	4.75
20 to 24 in. . .	.70	5.50
24 to 28 in. . .	.80	6.25

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.



CYCAS LEAVES

**VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS**

Burlapped Bales

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE. WHERE THERE IS A NORMAL ADVANCE WE FILL AND BILL AT PREVAILING PRICES.



VAUGHAN'S SUPER MAPLE LEAF PANSY MIXTURE

"CANADIAN GIANTS"

Flowers of unbelievable size and texture, larger than in any other strain with perfectly round petals in many attractive colors and color combinations, the plants are of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.65; oz., \$10.00; lb., \$120.00.