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Spring

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# Book for Florists



Vaughan's Seed Store  
New York Chicago

# NOVELTIES

Novelties in horticulture are as necessary to the florist as new styles in gowns are to the modiste. The public has the urge for something new which is carried even to the realms of flowershop and greenhouse. The successful florist constantly has his eyes and ears open for suggestions to meet this demand. Here we list briefly novelties and specialties of merit taken from the Flower seed pages.

## ANTIRRHINUM

**Pink Perfection.** A distinct achievement. A new PERFECTION type, in the large flowering, medium high group. In habit, this new type may be likened to Perfection Stocks—the plant produces innumerable long, perfect spikes. We have cut as many as twenty-four spikes from one plant. The spikes are perfectly balanced; the flowers are a beautiful shade of pink, described as Hermosa Pink, slightly suffused with salmon. Trade Pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

## CARNATION CHABAUD'S GIANT IMPROVED

A new acquisition in the line of Carnations coming into bloom six months from seed and continuing to bloom throughout the Summer. The plants are of robust, upright habit; they form ten to twenty stalks, bearing huge flowers of fine form; they come about 90% double, quite true and are highly clove scented. This group should not be confused with the old Chabaud type.

Scarlet	Rose Pink (The Pearl)
Crimson (Nero)	Salmon Rose (Legion of Honor)
Deep Rose	White
Flesh Pink	Yellow

Each of the above. Trade Pkt., 50c; oz., \$2.50.  
Mixed, all varieties. Trade Pkt., 50c;  $\frac{1}{4}$  oz., 65c; oz., \$2.00.

## GAILLARDIA GRANDIFLORA

**Portola Hybrids.** This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with the characteristic golden tipped petalage and robust vigor of the well-known Portola variety. A splendid cut flower. Trade Pkt., 50c; oz., \$4.80.

## HELICHRYSUM MONSTROSUM

**Rose Queen.** Immense flowers of a rich deep rose. Extremely beautiful under artificial light. A wonderful addition to the Helichrysum group. Trade Pkt., 25c., oz., \$1.00.

## PANSIES

**Swiss Giant Mixture.** The flowers of this new strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of this strain, however, are the wonderful colors and color combinations—very rare and entirely new—never before seen in Pansies, salmons, pinks, reds. All flowers are 3- or 5-blotched. There are no self colors such as white, yellow and blue in this mixture. Trade Pkt., \$1.00;  $\frac{1}{8}$  oz., \$2.50;  $\frac{1}{4}$  oz., \$4.50; oz., \$16.00.

## NEW GIANT SCABIOSA

**Peachblossom.** A beautiful shade of Peachblossom Pink, large size and long stems. Trade Pkt., 25c; oz., \$1.00.

**Shasta.** A pure white of enormous size, the flowers measuring three and a half inches across with extremely long stems. Trade Pkts., 25c; oz., \$1.00.

## PETUNIA

**Vaughan's Triumph of the Giants.** This is a mixture of 4 special growers' stocks of California Giants plus several special colors not already represented in these mixtures and will furnish a range of colors that is unequaled in any other mixture. Trade Pkt., \$1.00; 1-32 oz., \$2.00.

**Pink Triumph,** clear bright, pink, beautifully waved. Trade Pkt., \$1.00; 1-32 oz., \$2.00.

**Royal Purple.** Trade Pkt., 50c; 1-32 oz., \$1.25;  $\frac{1}{8}$  oz., \$4.50.

**Scarlet Beauty.** Trade Pkt., 50c; 1-32 oz., \$1.25.

**Pink Glory,** pure flame rose, slightly ruffled. Trade Pkt., \$1.00; 1-32 oz., \$2.00;  $\frac{1}{8}$  oz., \$7.00.

Small flowering compact type:

**Rosy Morn,** our special strain. Trade Pkt., 50c;  $\frac{1}{4}$  oz., 70c; oz., \$2.00.

**Rose of Heaven,** a shade or two darker than above. Trade Pkt., 35c;  $\frac{1}{4}$  oz., 60c; oz., \$1.80.

**Blue Bird,** the best dark blue. Trade Pkt., 35c;  $\frac{1}{4}$  oz., 60c; oz., \$1.80.

## SCHIZANTHUS GRANDIFLORUS

**Vaughan's Excelsior Hybrids.** A choice strain with very large flowers in an excellent blend of colors. Superior to anything yet offered to the trade. Trade Pkt., \$1.00.

## STOCK

### Giant Bismarck (Early Giant Imperial)

**Golden Rose.** A rich light rose enhanced by a pleasing golden effect in the center of each individual floret. Very double, large flowers on long stems. Trade Pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

**Antique Copper.** Rich Hellebore Red, overlaid with copper, the whole giving a very pleasing reddish antique copper effect. The strain is very double with individual florets two inches in diameter on long stems. Trade Pkt., 50c;  $\frac{1}{8}$  oz., \$1.00.

## NEW EARLY FLOWERING SPENCER SWEET PEAS

**Imperial Pink.** A clear pink of enormous size bred up from a line of strong and tested parentage, insuring a vigorous growth, long stems and an abundance of blooms over a long period. Oz., \$1.80; lb., \$24.00.

**Orange King.** It is a beautiful glowing orange and practically sunproof. It throws four flowers regularly on long stiff stems. A spray of this grand variety under artificial light is glorious. This is indeed the richest and deepest orange colored Early Sweet Pea yet introduced. Oz., \$1.20; lb., \$16.00.

**Morse's Superior Pink.** Beautiful clear rose-pink, very slightly shaded with salmon. Oz., \$1.00;  $\frac{1}{4}$  lb., \$3.50; lb., \$12.00.

**Sweet Lavender** will undoubtedly become the most popular variety among lavenders for forcing. A pure lavender self, of enormous size, beautifully frilled, always bearing fours and with good stems. Oz., 60c; lb., \$8.00.

CABLE ADDRESS VAUGHAN, CHICAGO CAROTIDA, NEW YORK

Vaughan's Seed Store

NEW YORK, 47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES, WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES 601-609 WEST JACKSON BLVD., CHICAGO

CHICAGO LOOP STORE 10-12 W. RANDOLPH ST.

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TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. Special 2 per cent discount for cash in ten days from date of invoice...

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover same, from which deduct 2 per cent. (Don't forget to add postage if ordered by mail.)

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

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All "Holiday Stocks" are sold strictly on cash terms. ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we not guaranteeing to supply same if so lost.

Discounts on Standard Retail Packets for Resale In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our spring retail catalog will be given as follows:

- 40% on packets. 25% on ounce of vegetable seeds. 20% on pounds of peas, beans and corn. 10% on special offers and cut rate collections.

On special orders for your customers, made up from our retail catalog and transmitted to us to be assembled and packed in our retail departments, and delivered to you, we will allow a 20% commission.

No order will be charged to open account for an amount less than 25 cents.

All telegrams other than those for cut flowers F. T. D. should be addressed to our warehouse and general office at 601 W. Jackson Blvd. F. T. D. messages to 10-12 West Randolph St.

IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop. If the customer does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate prices quoted in our catalog.

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

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

INSURANCE. We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so. Please give explicit instructions when ordering.

TABLE OF CONTENTS

Explanation of tables below: Numbers prefixed with B represent Bulbs; P Plants; S Seeds.

Table listing various plant species and their corresponding page numbers. Includes entries like Abutilon, Achillea, Ageratum, Almond, Althea, Alyssum, etc.

# Gladioli

Prices subject to change without notice

Grown on our own farms from our own planting stocks.

Free from disease—true to name.

Gladiolus Bulbs we sell for storage for September and October planting are especially selected. Ask for our list recommended for forcing under glass. The varieties listed on this page are choice Florist sorts.

## TWO NEW VARIETIES

Offered for The First Time.

### Truce (456)

Pure white, purple antlers. Best white for florists' use. Has graceful spike.

Price, First size, per 100, \$4.50; per 1000, \$40.00.  
Medium size, per 100, \$3.50; per 1000, \$30.00.

### Florists' Lavender (454)

Lavender with carmine throat on yellow ground. Blooms are medium size flowering very early. Strong spike with flowers well placed. A very desirable variety for the florist.

Price, First size, per 100, \$4.50; per 1000, \$40.00.  
Medium size, per 100, \$3.50; per 1000, \$30.00.

### Anna Eberius

Something different in color from what you see on the Flower Markets. Dark velvety purple-plum with deeper throat. Very fine for Floral work.

Price, First size, per 100, \$3.50; per 1000, \$30.00.  
Medium size, per 100, \$3.00; per 1000, \$25.00.

### Chicago White

(Vaughan's Introduction)

THE EARLIEST WHITE

If you want the earliest possible cut Gladiolus, use this.

The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks.

It has great value for flower designs, the spikes are just large enough, full and white for quick and effective making up of all Floral Work. There is a big and growing demand for this variety for early use, both indoors and out.

Price, First size, per 100, \$2.50; per 1,000, \$22.00.  
Medium size, per 100, \$2.00; per 1,000, \$18.00.

### E. J. Shaylor

Pure deep rose-pink slightly ruffled. Is in great demand and brings best prices on Chicago market. Good forcers.

Price, First size, per 100, \$3.50; per 1,000, \$30.00.  
Medium size, per 100, \$2.75; per 1,000, \$25.00.

### Early Sunrise

Flowers, extra large bright salmon-scarlet color with pencil stripe of cream through center of each petal of the flower. Vigorous grower, extremely early and good propagator.

Price, per 100, \$5.50; per 1,000, \$50.00.  
Medium size, per 100, \$4.50; per 1,000, \$45.00.

### Evelyn Kirtland

The color is a beautiful shade of rosy pink, shading to light pink toward the center, with brilliant blotches of scarlet on lower petals. The whole flower overlaid with a glistening luster that serves to harmonize the varied coloring.

Price, First size, per 100, \$3.50; per 1000, \$30.00.  
Medium size, per 100, \$2.75; per 1000, \$25.00.

### Flora

Beautiful golden yellow; large flowers. A very strong grower.

Price, First size, per 100, \$4.50; per 1,000, \$40.00.  
Medium size, per 100, \$4.00; per 1,000, \$35.00.

### Halley

Delicate salmon-pink, a pale ground showing at the throat, which is marked with small red stripes. Valuable for its earliness.

Price, First size, per 100, \$2.60; per 1,000, \$23.00.  
Medium size, per 100, \$2.00; per 1,000, \$18.00.

### Herada

Pure mauve, glistening and clear with deeper markings in throat. Immense blooms.

Price, First size, per 100, \$3.50; per 1,000, \$30.00.  
Medium size, per 100, \$2.75; per 1,000, \$25.00.

### Le Marechal Foch

Beautiful shade of light pink; flowers twice as large as America; one of the earliest; blooms the same time as Halley and Wilbrink.

Price, First size, per 100, \$2.25; per 1,000, \$20.00.  
Medium size, per 100, \$2.00; per 1,000, \$18.00.

### Mrs. Frank Pendleton

One of the most exquisitely colored and formed Gladiolus in our entire list. In addition, the size of bloom is not exceeded by any other. The color is a delicately flushed salmon-pink. Each flower is strikingly marked with rich maroon blotch on the three lower petals. The blooms are wide open and are arranged individually on slender but wiry stems.

Price, First size, sold out.  
Medium size, per 100, \$2.50; per 1,000, \$22.50.

### Mrs. Francis King

(Vaughan's Introduction)

The long, strong flower stalks and foliage, its effective flower spike with a good line of reserve buds continually opening, with flower 2 to 3 inches across, five to six flowers open at once; its brilliant vermilion-scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced in any other Gladiolus.

Most popular kind this season in New Jersey coast towns where many Gladiolus are used.

Price, First size, per 100, \$2.75; per 1,000, \$25.00.  
Medium size, per 100, \$2.35; per 1,000, \$20.00.



Acres of Glads in Bloom at Vaughan's Farms, Ovid, Mich.

### Myrtle

Tender and delicate rose-pink. "The most beautiful pink yet produced in Gladiolus." Brings high price in the Chicago market.

Price, per 100, \$4.00; per 1,000, \$35.00.

### Mary Alice

Color, rose-pink, the throat marking of a lavender-mauve, a light streak running through the center of each petal, anthers lavender, flowers large, well open with petals slightly reflex. The stalk is very tall, strong and straight.

Price, First size, per 100, \$5.50; per 1,000, \$50.00.  
Medium size, per 100, \$5.00; per 1,000, \$45.00.

### Prince of Wales

Delicate salmon-pink. Very large flowers. Early and a good forcer. A real florist variety.

Price, First size, per 100, \$3.50; per 1,000, \$30.00.  
Medium size, per 100, \$3.00; per 1,000, \$25.00.

### Peace

Giant white flowers with lilac feathering in throat of two of the petals; flowers correctly placed on a tall, graceful spike.

Price, First size, per 100, \$2.25; per 1,000, \$20.00.  
Medium size, per 100, \$2.00; per 1,000, \$18.00.

### Scarlet Princes

(Virginia)

A sensation in scarlet Gladiolus, six or more massive "Princes" blooms open at one time. Throat a little deeper, an extraordinary distinct and massive spike. Winner of many awards.

Price, First size, per 100, \$4.00; per 1000, \$35.00.  
Medium size, per 100, \$3.50; per 1,000, \$30.00.

### Schwaben

A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best, of clear canary-yellow, shading to a soft sulphury yellow when opening.

Price, First size, per 100, \$2.75; per 1,000, \$25.00.  
Medium size, per 100, \$2.25; per 1,000, \$20.00.

### Wilbrink

A sport of Halley; retains Halley's earliness and has the color of America; soft yellow blotch on lower petals.

Price, First size, per 100, \$3.00; per 1,000, \$26.00.  
Medium size, per 100, \$2.60; per 1,000, \$23.00.

### Primulinus Varieties

The Best Kind For the Florist

	First Size	Medium Size
	100	1000
Alice Tiplady—Orange-saffron.....	\$3.50	\$30.00
Maiden Blush—Light pink.....	2.25	20.00
Mrs. L. S. Hubbard—Plum shade.....	4.00	35.00
Rose Lusiant—Deep pink.....	4.50	40.00
Souvenir—Gold yellow.....	4.50	40.00
Sunbeam—Golden yellow.....	4.50	40.00

### Vaughan's Mixtures

We make all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven merit; by this method we can safely guarantee our customers satisfaction when buying our mixtures. We can mix each 100 or each 250 especially, insuring real variety in each bag.

VAUGHAN'S XXX FLORIST MIXTURE. Made up from named white and light varieties and mixtures of light colors only, and designed to meet the demands of our florist customers for a mixture suitable to be used for cut flowers.

Price, First size, per 100, \$2.75; per 1,000, \$25.00.  
Medium size, per 100, \$2.25; per 1,000, \$20.00.

RAINBOW MIXTURE. Composed of the choicest named varieties and including also many of Vaughan's best named, Vilmorin kinds and Nanceianus sorts. The best mixture from best existing kinds, and is without an equal in America.

Price, First size, per 100, \$4.00; per 1,000, \$35.00.  
Medium size, per 100, \$3.50; per 1,000, \$30.00.

EXTRA FINE MIXED. This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some of Vaughan's named, insuring a wide range of colors, shades and types.

Price, First size, per 100, \$2.75; per 1,000, \$25.00.  
Medium size, per 100, \$2.25; per 1,000, \$20.00.

STANDARD MIXED. This mixture contains a very complete range of colors. Price, large bulbs, per 100, \$2.00; per 1,000, \$18.00.  
Medium size, per 100, \$1.75; per 1,000, \$15.00.

### Gladiolus (Separate Colors)

	100	1000		100	1000
Blue shades.....	\$4.50	\$40.00	Striped shades.....	\$2.75	\$25.00
Red and scarlet shades.....	2.50	22.00	Pink shades.....	2.50	22.00
White shades.....	2.50	22.00	Yellow shades.....	3.50	30.00

# Gladioli—(Continued)

ALPHABETICAL LIST (Prices subject to change without notice)

IF MEDIUM SIZE Bulbs are wanted deduct 20% from prices below except where noted.

	Per 100	Per 1000
ANNA ERBERIUS. Velvety purple; throat deeper	{ First size.....	\$ 3.50 \$ 30.00
	{ Second size.....	3.00 25.00
Attraction. Deep rich crimson with large white center and throat.....		3.50 30.00
ARIZONA. Light pink, dark throat.....		3.50 30.00
BARON J. HULOT. Dark velvety purple.	{ First size.....	Sold Out
	{ Second size.....	4.00 35.00
BERTRAX. White flowers of great substance. Good shipper.....		3.50 30.00
Black Pansy. Rich dark red, pansy-like throat.....		5.00 45.00
Brenchleyensis. Intense fiery scarlet. Old, but still much used.....		2.75 25.00
BYRON L. SMITH. Lavender-pink on white ground.....		5.50 50.00
Chicago Red. Brilliant scarlet, large, opens well	{ First size.....	4.50 40.00
	{ Second size.....	4.00 35.00
CHICAGO SALMON. Clear salmon with carmine throat	{ First size.....	4.50 40.00
	{ Second size.....	4.00 35.00
CHICAGO WHITE. The best white for cutting and design work.	{ First size.....	2.50 22.00
	{ Second size.....	2.00 18.00
CLARA ADAMS. Light pink with a slight crimson marking in the throat.....		5.50 50.00
Crescent Queen. Dark wine red.....		5.00 50.00
CRIMSON GLOW. Scarlet-crimson.....		4.50 40.00
DETROIT. Light pink with deeper pencilings on inside and outside of upper petals.	{ First size.....	15.00 120.00
	{ Second size.....	12.00 100.00
EVELYN KIRTLAND. Beautiful shade of rosy pink, darker at the edges, fading to shell-pink at the center, with brilliant scarlet blotches on lower petals.	{ First size.....	3.50 30.00
	{ Second size.....	2.75 25.00
EARLY SUNRISE. Bright salmon-scarlet color with pencil stripe of cream through the center of each petal.....		5.50 50.00
E. J. SHAYLOR. Pure deep rose-pink.	{ First size.....	3.50 30.00
	{ Second size.....	2.75 25.00
Florence. Bright lilac, white blotch on the two lower petals. Very distinct. Very strong stalk.....		10.00 90.00
FLORA. Golden yellow.	{ First size.....	4.50 40.00
	{ Second size.....	4.00 35.00
GIANT NYMPH. La France pink.....		6.50 60.00
GLORY OF KENNEMERLAND. The greatest attraction at the Michigan State Fair. Beautiful rose with yellow blotch, large flowers broadly expanded. An extremely showy variety.....		4.00 35.00
GLORY. (Ruffled.) Delicate cream-pink, crimson stripes in center of lower petal.....		5.00 45.00
GOLDEN MEASURE. Best of all yellow varieties.....		7.00 65.00
GOV. HANLY. A first-class cut flower and bedding variety. Early, showy, tall, rich cardinal-red with deeper throat color.....		4.50 40.00
Gretchen Zang. Soft melting shade of pink, blending into scarlet on lower petals, spike tall and graceful..		3.50 30.00
HALLEY. Delicate pink. Its earliness is its best recommendation.	{ First size.....	2.60 23.00
	{ Second size.....	2.00 18.00



MRS. FRANK PENDLETON

	Per 100	Per 1000
HELEN FRANKLIN. Pure white with violet stripes on lower petals; slightly ruffled; a great favorite in New England; admired wherever exhibited; good forcer.....	\$ 4.50	\$ 40.00
Herada. Blooms of immense size on tall straight spikes. Tall large blooms are pure mauve, glistening and clear, with deeper markings in throat. Very attractive.....	3.50	30.00
IONIA. Yellow suffused with pink which give it an exceptionally delicate shade.....	12.00	100.00
JOE COLEMAN. Rich red, ruffled.....	4.00	35.00
KALAMAZOO. Purple-violet with lines of creamy white running through each petal to the edge of the flower and throat of creamy white. Flowers large, compact and well placed on a very strong spike.....	12.00	100.00
LE MARECHAL FOCH. Rose-pink.....	2.25	20.00
LENA GRAETZ. Very meritorious as a cut flower, almost pure white.....	4.00	35.00
L'IMMACULEE. Pure white.....	4.50	40.00
LOUISE. Lavender.....	4.00	35.00
L. W. WHEELER. Distinct shade of pink suffused with yellow blending to a strong yellow toward the center blotch of crimson. Exceptionally good keeper and beautiful by artificial light...	12.00	100.00
MARTHA PHILLIPS. This is a dark solid red, florets medium size, many open at a time and well placed on the stem.....	12.00	100.00
MARY ALICE. Rose-pink.....	5.50	50.00
Mary Fennell. Light lavender, lower petals penciled with primrose-yellow.....	4.50	40.00
MARY PICKFORD. Color a delicate creamy white, throat soft yellow.....	5.00	45.00
MONA LISA (Kundered)—Strong plant. Many flowers open at a time. Of palest soft rose-pink, or bluish-white. A magnificent almost pure self-color.....	4.50	40.00

	Per 100	Per 1000
MRS. H. E. BOTHEN. Light geranium pink, ruffled.....	\$ 4.00	\$ 35.00
MRS. W. E. FRYER. Bright scarlet.....	4.50	40.00
MRS. FRANCIS KING. Scarlet.	{ First size.....	2.75 25.00
	{ Second size.....	2.35 20.00
MRS. FRANK PENDLETON. Salmon-pink, with rich wine-colored maroon blotches on lower petals; best show flower for florists' windows.	First size.....	Sold Out
	Second size.....	2.50 22.50
MRS. F. C. PETERS. Beautiful Lilac rose.....	9.00	80.00
MYRTLE. Tender delicate rose-pink. Fine bulbs.....	4.00	35.00
MYSTIC. Early pink.....	5.00	45.00
ORANGE GLORY. Very rich and striking color.....	6.00	55.00
ODIN. A sport of Prince of Wales; salmon color with dark blotches; early, good forcer.....	4.00	35.00
PANAMA. Pink; a sure money-maker.	{ First size.....	3.00 27.50
	{ Second size.....	2.60 22.50
Peace. Grand white flower with pale violet feathering on lower petals.....	2.25	20.00
PRIMULINUS		
Alice Iplady. Orange-saffron.....	3.50	30.00
MAIDEN BLUSH. Superb light pink extra forcer, one of the best florist varieties.....	2.25	20.00
MRS. L. S. HUBBARD. Plum color.....	4.00	35.00
ORANGE QUEEN. Apricot-orange.....	7.00	65.00
SOUVENIR. One of the best yellow Prim., large flowers of the purest color.....	4.50	40.00
SUNBEAM. Best yellow.....	4.50	40.00
Hybrids. Mixed.....	2.25	20.00
PRINCE OF WALES. Salmon-pink Blooms early.....	3.50	30.00
PRINCEPS. Scarlet, white throat. Medium Size.....	6.50	60.00
Princeps. Carmine-red with large white blotch.....	3.50	30.00
1910 ROSE. Very fine pink. Early.....	2.75	25.00
ROSE ASH. Ashes of Roses.....	4.50	40.00
SCHWABEN. A giant yellow, none better.	{ First size.....	2.75 25.00
	{ Second size.....	2.25 20.00
SCARLET PRINCEPS. Six or more massive "Princeps" like blooms open at a time. Throat a little deeper. Blooms set close. An extraordinary distinct and massive spike. Winner of many awards.....	4.00	35.00
SCARLANO. Light orange-red.....	4.00	35.00
THE VAMP. A delicate pink, on three lower petals a large blotch of velvety crimson surrounded with a creamy white halo producing a very beautiful effect.....	5.50	50.00
VAUGHAN'S WHITE. Best white.....	25.00	....
Virginia—(See Scarlet Princeps).		
War. Deep blood-red, shaded crimson-black.....	4.50	40.00
Wilbrink. Delicate pale pink; good forcer.....	3.00	26.00



Cutting Blooms to Give Strength to Bulbs

# Summer-Flowering Bulbs FOR WHOLESALE TRADE ONLY

All Prices Subject to Change Without Notice.

THE following bulbs are either grown by ourselves on our own farms or on contract with experienced growers in the locality best adapted for their cultivation. Those classes like Hybrid Amaryllis, Begonias, Fancy Caladiums and Gladiolus, which can be improved by pollenization of class breeding are being noticeably improved each season by our growers.

## VAUGHAN'S NEW HYBRID AMARYLLIS

One of the finest strains of Amaryllis we have ever seen, raised by two eminent growers whose entire stock and hybridization for a dozen years we have purchased in its entirety. Flowers are immense, borne mostly four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains. The bulbs are 2 inches and up; are sure bloomers. Try 25 or 50; will retail quick at \$1.00 to \$1.50 in bloom.

	Doz.	100
Vaughan's New Hybrid, California grown.....	\$5.50	\$40.00
Equestra. Orange-scarlet.....	2.00	15.00

## BEGONIAS

Tuberous Rooted

	Doz.	100
Single, separate colors, 1-1½-inch.....	\$1.55	\$11.00
Single, mixed, 1-1½-inch.....	1.50	10.00
Single separate colors, 1½-2-inch.....	1.85	14.00
Single, mixed, 1½-2-inch.....	1.75	13.00
Double, separate colors, 1-1½-inch.....	1.60	12.00
Double, mixed, 1-1½-inch.....	1.55	11.00
Double, separate colors, 1½-2-inch.....	2.00	15.00
Double, mixed, 1½-2-inch.....	1.85	14.00

## CALLAS—For Spring Planting

Elliotiana. This meritorious California novelty has not received the attention it deserves.

	Doz.	100
1½-inch.....	\$1.75	\$12.00

## CALADIUM ESCULENTUM

(Elephant's Ear)

	Doz.	100	1000
Sizes			
5 to 7-inch circumference.....	\$0.60	\$ 3.50	\$27.50
7 to 9-inch circumference.....	.90	5.50	50.00
9 to 11-inch circumference.....	1.50	10.00	90.00
11 to 12-inch circumference.....	2.25	15.00	....
12-inch and upwards, very large.....	2.75	20.00	....

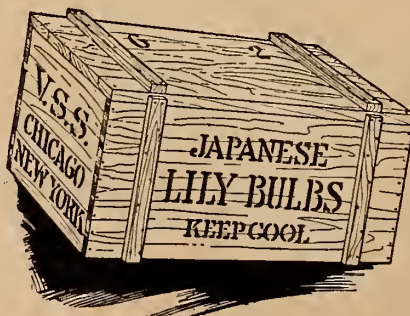
## MISCELLANEOUS BULBS

	Doz.	100	1000
APIOS TUBEROSA. Climber.....	\$0.75	\$5.00	\$42.50
CINNAMON VINES. Climber, 4 inches and up.....	.70	4.50	40.00
GLOXINIAS. Mixed, 1-1¼ inch.....	2.50	18.00	....
HYACINTHUS CANDICANS. 1¼-1½ inch.....	1.00	6.50	60.00
ISMENE CALATHINA.....	1.60	11.00	100.00
MADEIRA VINE. 2-3 inches.....	.60	4.00	35.00
MADEIRA VINE. 3 inches and up.....	.70	4.50	40.00
OXALIS. In separate colors.....	.90	6.00	....
ZEPHYRANTHUS CANDIDA.....	.50	3.00	25.00
ZEPHYRANTHUS ROSEA.....	1.25	8.00	75.00

## LILY BULBS—General List

New Season's Bulbs. Repacked Cases. Sound When Shipped.

	Size and Diameter.	Doz.	100	Per Case
AURATUM	{ 8 to 9 inches, 180 to case.....	\$2.25	\$16.00	\$22.00
	{ 9 to 11 inches, 125 to case.....	3.25	24.00	22.00
MAGNIFICUM	{ 8 to 9 inches, 200 to case.....	2.00	15.00	25.00
RUBRUM	{ 9 to 11 inches, 140 to case.....	2.75	18.00	25.00



CANADENSE.	Doz.	100
Yellow and orange.....	\$1.60	\$12.00
HENRYII.....	5.00	40.00
REGALE.		
4-6 inch.....	4.00	30.00
PARDALINUM.....	2.00	15.00
SUPERBUM.		
Orange.....	1.60	12.00
TIGRINUM		
Splendens.....	1.50	10.00
TIGRINUM FI. Pl.....	1.50	10.00
UMBELLATUM.....		
Mixed.....	2.00	15.00



## TUBEROSES

Well Cured Bulbs. Free From Rot.

The Tuberose Bulb industry has declined notably since 1914. We, however, are still contracting with dependable growers and can offer Dwarf Excelsior Pearl type as below:

	100	1000
Dwarf Excelsior Pearl { First size, 4 to 6-inch.....	\$3.25	\$30.00
	{ Second size, 3 to 4-inch.....	2.25 18.00
Variegated Leaved, single.....	2.75	25.00
Albino, early single white.....	2.75	25.00
Armstrong's Ever-Blooming.....	2.75	25.00
Mexican.....	2.25	20.00

## LILY BULBS AND VALLEY

FROM ICE STORAGE

Progressive Florists are rapidly coming to recognize the demand for Lilies for summer use, and each year an increasing number are using their empty benches for this stock to great advantage. We can ship this stock on one day's notice from New York or Chicago. When orders are placed with us for cold storage stock, we set same aside, but cannot be responsible for not being able to produce the bulbs or pips if same have been destroyed by fire or any other cause beyond our control. We accept no responsibility whatever for results in forcing cold storage stock or for damage in transit. Prices subject to change.

## LILIUM LONGIFLORUM GIGANTEUM

	Per 100	Case.
7 to 9-inch. Packed 300 bulbs to case.....	\$9.00	\$22.00

Write for Prices on 3 to 5-Case Lots.

## LILY OF THE VALLEY PIPS

These are Chicago storage prices. Customers of our New York house will please ask for prices there. Our cases are numbered and "stock marked" and these records show on your invoice. You can thus "repeat" your orders with assurance of receiving the same grade and packing. Try us. Book now for future dates and secure your supply.

### C. M. BRAND

Packed 250 to case.....	Per case	\$15.00
Packed 500 to case.....	Per case	22.00
Packed 1000 to case.....	Per case	40.00

### M. M. BRAND

Packed 250 to case.....	Per case	\$12.00
Packed 500 to case.....	Per case	20.00
Packed 1000 to case.....	Per case	37.00

# Vaughan's <sup>The</sup> World's <sup>Best</sup> Flower Seeds



SOME years ago flower seeds were only used to produce spring bedding plants or for outdoor sowing. Now, times have changed. Greenhouses besides housing Carnations and Roses are hosts to a variety of annuals, which experience has taught may be forced for cut flower purposes at a much less initial cost and far better financial returns. The Sweet Peas were the pioneers on this list and still maintain a prominent position, closely followed by Antirrhinums (Snaps), Calendula, Candytuft, Centaurea Clarkia, Cynoglossum, Didiscus, Larkspur, Gode-tia, Gypsophila, Hunnemannia, Lupinus, Mignonette and Stocks. Every year new varieties are added to the list.

Flower Seed Department—Florists' Trade Packets

Flower Seed Department—Bulk Shipments

For Pot Plants, besides the old standbys—Begonias, Cinerarias, Cyclamen and Primula, we have the new Ornamental Pomegranate or Christmas Bells—a plant of great beauty, which we introduced and is now being raised successfully by florists all over the country for Christmas trade.

For Bedding Plants we have Ageratum, Asters, Begonias, Coleus, Lobelia, Pansy, Petunias and Verbenas.

The Perennial List is growing yearly as the public becomes more acquainted with the various ways in which they may be employed. Achillea, Campanula, Coreopsis, Delphinium, Digitalis, Gaillardia, Hollyhocks, Lupinus, Sweet William, Tritoma and Violas are part of this list.

Rock Gardening is now the newest feature in gardening. We have added many Alpines to our perennial list and have marked them with a \* to assist in selection.

The returns on the few dollars invested in seeds is out of all proportion to the returns on the amount necessary to invest in plants to occupy the same space.

It is our utmost endeavor to offer only seed of the highest germinating quality and purity. Our representatives travel both in Europe and America to look over the crops during the growing season and we are in constant communication with growers all over the world to keep us informed as to the novelties and improvements on the older varieties.

We welcome your business for flower seeds and we give it our careful and prompt attention.

Flower Seeds for Summer Sowing.—We issue a special circular in June. Should you fail to receive one, please write for it.

For seeds of perennials and biennials, see pages 28 to 35.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate; ½ lb. at the oz. rate; ½ oz., at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discount.—On orders from this catalog over \$2.00 for Flower seeds, if cash is enclosed, 5 per cent. Except Cyclamen, the prices of which are net and 2 per cent on Asparagus.

Discounts on seeds in packets selected from our retail catalog: 25 per cent discount allowed on orders of less than five packets of one variety. See page 1 for discounts on packets to be resold.

	Trade pkt.	Oz.
Abronia Umbellata. (Sand Verbena) Carmine.....	\$.10	\$.50
Abrus Precatorius. (Weather Plant).....	.10	.40
Abutilon (Flowering Maple). Hybridum Maximum, new, bloom in 6 months from time of sowing, very large flowers in various shades.	.50	
Mixed.....	½ oz. \$1.00	.50
Achimenes Mixed. Greenhouse pot plant belonging to Gesneraceae family. Flowers tube shaped in many attractive colors. Fine for hanging baskets and pot plants.....	1.00	
Acroclium Roseum. Pink (Everlasting) lb. \$3.60	.10	.40
Roseum Album. White.....lb. \$3.20	.10	.30
Roseum Fl. Pl. Double pink.....lb. \$4.00	.10	.40
Roseum Album Fl. Pl. Double white.....lb. \$4.00	.10	.40
Roseum Fl. Pl. Double Mixed.....	.10	.40
Adonis Aestivalis (Flos Adonis). Red.....	.10	.20
Autumnalis. Red.....	.10	.20
Agapanthus Umbellatus (Blue Lily of the Nile) does well out of doors in all Southern States. Greenhouse plant in the North.....	.50	2.40
Agrostemma Coeli-Rosa (Rose of Heaven).....	.10	.25
Alonsoa Grandiflora. Scarlet.....	.10	.30
Miniata Compacta Coccinea. Dwarf scarlet...	.25	
Linifolia.....	.15	.40
Warscewiczii. Fine for cutting, red.....	.15	.40

	Trade pkt.	Oz.
Ageratum Mexicanum. Blue.....	\$.10	\$.40
Mexicanum Album. White.....	.10	.40
Imperial Dwarf Blue.....	.15	.60
Imperial Dwarf White.....	.15	.60
Blue Perfection. Best dark blue bedder.....	.15	.60
Blue Ball. An improved Blue Perfection.....	.25	1.00
Little Blue Star. Tiny bushes, flowers light blue with dark red center..... ¼ oz., 90c..	.35	
Princess Victoria Louise. Light blue with white center.....	.15	.50
Little Dorrit. Blue, dwarf.....	.15	.80
Little Dorrit White. The best dwarf white...	.15	.80
Lasseauxi. Fine pink, good cut-flowers, 3 feet..	.20	1.00
Alyssum Maritimum (Sweet Alyssum)... lb. \$2.00	.10	.20
Benthami Compactum Erectum. Dwarf. lb. \$4.00	.10	.40
Comp. Lutescens, 8 inches. Straw yellow.....	.10	.40
Comp. Lilacinum (Lilac Queen). Distinct variety with pale lilac flowers.....	.15	.50
Procumbens Compactum Minimum, Little Dorrit. It forms perfect little bushes of 4 inches in height, fairly smothered with miniature white flowers.....	.20	1.00
Vaughan's Little Gem. Extra fine strain. lb. \$6.00	.15	.60

## Flower Seeds in Larger Quantities

We shall be pleased to quote special prices to florists who sell them in their stores. Send list with quantities desired for estimate.



ANTIRRHINUM  
Nanum Grandiflorum

	Trade pkt.	Oz.
<b>Amaranthus Tricolor Splendens</b> (Summer Poinsettia). Makes fine pot plant.....	\$0.15	\$0.60
<b>Abyssinicus</b> . Useful in basket work.....	.15	.60
<b>Atropurpureus</b> . Blood-red.....	.15	.60
<b>Cruentus</b> (Prince's Feather). Dark red feathery flowers.....	.15	.60
<b>Caudatus</b> (Love Lies Bleeding). Red.....	.15	.60
<b>Henderi</b> . Ornamental foliage.....	.15	.60
<b>Melancholicus Ruber</b> , Blood-red leaves.....	.10	.30
<b>Superbus</b> , Coleus-leaved.....	.10	.25
<b>Salicifolius</b> (Fountain plant). Willow-leaved... ..	.15	.60
<b>Vaughan's Special Mixture</b> .....	.15	.50
<b>Ammobium Alatum Grandiflorum</b> (Everlasting).. ..	.15	.40
<b>Anagallis Grandiflora</b> . Mixed, all colors.....	.15	.50
<b>Grandiflora Coerulea</b> , blue.....	.15	.50
<b>Antigonon Leptopus</b> (Mountain Rose)... ..lb.	\$5.00	.10

## Antirrhinum-Snapdragon

### Maximum—Giant Flowered

This wonderful new group of snapdragons far surpasses anything yet introduced. In habit these are slightly taller than the majus group. The flowers are magnificent size, the individual flowers being 2 to 2½ inches wide on strong, sturdy stems, each blossom set closely on the stalk.

	Trade pkt.	Oz.
<b>Appleblossom</b> . Rosy pink, white tube.....	¼ oz., 65c	\$0.35
<b>Bunch of Lilacs</b> . Lilac purple.....	¼ oz., 60c	.35
<b>Canary Bird</b> . Canary-yellow.....	¼ oz., 60c	.35
<b>Cerberus</b> . Carmine rose, yellow lip.....	¼ oz., 60c	.35
<b>Copper King</b> (Indian Summer). Copper shades.....	¼ oz., 65c	.35
<b>Delicate shades</b> .....		.35
<b>Defiance</b> , scarlet.....	¼ oz., 65c	.35
<b>Fairy Queen</b> . Terra cotta.....		.35
<b>Gotelind</b> . Pale orange.....	¼ oz., 60c	.35
<b>Golden Queen</b> . Yellow with rosy lilac throat.....	¼ oz., 60c	.35
<b>Maralda</b> . Coppery carmine.....	¼ oz., 65c	.35
<b>Old Gold</b> . Beautiful art shade.....	¼ oz., 65c	.35
<b>Purple King</b> . Rich, velvety purple.....	¼ oz., 65c	.35
<b>Ruby</b> . Rich, velvety ruby red.....	¼ oz., 65c	.35
<b>Snowflake</b> . White.....	¼ oz., 65c	.35
<b>The Rose</b> . Soft pink.....	¼ oz., 65c	.35
<b>Wallflower colors</b> .....	¼ oz., 65c	.35
<b>Maximum</b> . Many kinds, mixed.....	¼ oz., 35c	.25 \$1.20

## ANTIRRHINUM—Continued

### Majus Tall Varieties—

	Trade pkt.	Oz.
<b>Brilliant Scarlet</b> .....	¼ oz., 25c	\$0.15 \$0.80
<b>Dark Rose</b> . (Coral red).....	¼ oz., 25c	.15 .80
<b>Delicata</b> . Soft pink-white throat.....	¼ oz., 25c	.15 .60
<b>Evening Sky</b> . Orange rose, yellow mouth, white throat.....	¼ oz., 65c	.35
<b>Fire King</b> . Orange scarlet and white.....	¼ oz., 65c	.35
<b>Garnet</b> .....	¼ oz., 25c	.15
<b>Golden King</b> . Improved yellow.....	⅛ oz., \$1.00	.50
<b>Golden Monarch</b> . Best yellow.....	¼ oz., \$1.00	.50
<b>Harmony</b> . Rich terra cotta pink, yellow center.....	¼ oz., 50c	.35 1.60
<b>Lovely</b> . White with pink lip.....	¼ oz., 25c	.15 .60
<b>Madonna</b> . Best white.....	¼ oz., 50c	.35
<b>Queen Victoria Improved</b> . Pure white.....	⅛ oz., \$1.00	.50
<b>Rose King</b> .....	¼ oz., 30c	.15 1.00
<b>Rose Queen</b> .....	¼ oz., 25c	.15 .80
<b>Striped Varieties</b> . (Butterfly mixed).....	¼ oz., 25c	.15 .80
<b>The Cardinal</b> .....		.35
<b>Venus Apple-blossom pink</b> .....	¼ oz., 25c	.15 .80
<b>Venus</b> . Pink type.....	¼ oz., 25c	.15 .80
<b>Majus Grandiflorum</b> . Mixed.....	¼ oz., 20c	.10 .60

### Majus Nanum, Semi-tall Varieties—

<b>Amber Queen</b> . Canary yellow overlaid chamois pink.....	¼ oz., 50c	.20
<b>Aurora</b> . Cinnabar carm., white throat.....	¼ oz., 25c	.15 .80
<b>Black Prince</b> . Deep crimson.....	¼ oz., 25c	.15 .80
<b>Bonfire</b> . Orange buff. (Defiance).....	¼ oz., 50c	.20
<b>Canary Bird</b> .....	¼ oz., 25c	.15
<b>Cottage Maid</b> . Pale pink white throat.....	¼ oz., 25c	.15 .80
<b>Crimson Queen</b> .....	¼ oz., 30c	.15
<b>Daphne</b> . Pink suffused with white.....	¼ oz., 25c	.15 .80
<b>Defiance</b> .....	¼ oz., 60c	.25
<b>Diana</b> . Rose pink, white crest.....		.25
<b>Empress</b> .....		.25
<b>Fascination</b> . Pearly pink self.....	¼ oz., 35c	.20
<b>Fawn</b> . Terra cotta pink, suffused yellow.....	¼ oz., 65c	.35
<b>Firebrand</b> . Fiery orange scarlet.....	¼ oz., 40c	.25 1.20
<b>Geneva Pink</b> .....		1.00
<b>Giant Yellow</b> .....		1.00
<b>Gloria</b> . Rich, deep rose pink.....	¼ oz., 40c	.25 1.40
<b>Golden Pink Queen</b> .....	3 trade pkts., \$2.50	1.00
<b>Gold Queen</b> . Yellow.....	¼ oz., 25c	.15 .80
<b>Helene</b> . Lovely salmon.....	3 trade pkts., \$2.50	1.00
<b>Jenny Schneider</b> . Beautiful pink, same shade as Columbia rose.....	5 trade pkts., \$7.35	1.50
<b>Mauve Beauty</b> . Rosy mauve.....	¼ oz., 30c	.20 1.00
<b>Mont Blanc</b> . Large flowered, white.....		.25
<b>Majestic Orange King</b> . Rich orange.....	⅛ oz., \$1.00	.50
<b>Majestic Sunset</b> . Terra cotta to rosy salmon.....	⅛ oz., \$1.00	.50
<b>Nelrose</b> . Salmon pink.....	¼ oz., \$1.00	.35
<b>Orlando</b> . Bronze.....	3 trade pkts., \$2.50	1.00
<b>Peerless Pink</b> . Pink with white lip.....	¼ oz., 60c	.35
<b>Penn-Orange</b> . Striking tangerine orange, dark green foliage. Good keeper. 6 trade pkts., \$10.00		2.00
<b>Philadelphia Pink</b> . Originator's stock. 3 trade pkts., \$2.50.....		1.00
<b>Pink Perfection</b> .....	⅛ oz., \$1.00	.50
<b>Prima Donna</b> . Terra cotta pink, suffused primrose, excellent for florist's use.....		.35
<b>Queen of the North</b> (Helps white).....	¼ oz., 25c	.15 .80
<b>Rose Dore</b> . Salmon rose.....	¼ oz., 25c	.15 .80
<b>Silver Pink</b> . Vaughan's deep pink self.....	¼ oz., \$1.00	.35
<b>White Rock</b> .....	3 trade pkts., \$5.00	2.00
<b>Nanum Mixed</b> .....		.15 .60
<b>Vaughan's Special Mixture</b> .....	¼ oz., 40c	.20 1.40
<b>Tom Thumb</b> . Fine for pots.		
<b>Mixed</b> , all colors, 6 in.....	¼ oz., 30c	.20 1.00
<b>Fireball</b> . Scarlet.....		.35
<b>Snow Queen</b> . White.....		.35
<b>Pink</b> .....		.35
<b>Orange yellow</b> .....		.35

**Aralia Sieboldi**. Seed ready in April. 1,000 seeds, \$1.00.

<b>Arctotis Grandis</b> (The African Lilac Daisy). A good cut flower, flowers pure white on upper surface, reverse petals being lilac.....	.15	.50
<b>Asperula Azurea Setosa</b> . Lavender blue.....	.10	.30
<b>Artemisia</b> . Annu, very decorative.....	.10	.30
<b>Sacrorum Viridis</b> (Summer Fir).....	.15	.80



## Asparagus

Note—Cash discount on asparagus is only 2%.

### Plumosus Nanus

Carefully harvested, hand-picked, plump, well matured seed of this variety is a specialty with us—we carry in season both greenhouse grown and lath house crops. Price, Northern greenhouse grown seed, January delivery, and until March 1st, 1,000 seeds, \$4.50; 5,000 seeds, \$4.00 per 1,000.



ASPARAGUS Plumosus Nanus

Lath House Grown Seed, 1,000 seeds, \$1.50; 10,000 seeds, \$12.50. Write for prices on larger lots.

Falcatus. Valuable bushy green for cutting purposes. Shiny dark-green leaflets. 100 seeds, \$1.00; 1,000 seeds, \$8.00.

Scandens Deflexus. 100 seeds, 75c; 1,000 seeds, \$6.00.

Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; 1b., \$8.00.

## Balsam

	Trade pkt.	Oz
Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon, Blood Red..	\$0.15	\$0.60
Alba Perfecta. Largest and best double white	.15	.80
Aurora. Striking brilliant color.....	.15	.60
Nilsson Rose. Deep rose pink.....	.15	.80
The Queen. Salmon pink.....	.15	.80
Prince Bismarck. Salmon rose.....	.15	.80
Double Camellia-flowered. Mixed, all colors. Improved .....	.15	.60
Rose-flowered. Mixed, all colors.....	.15	.50
Dwarf. Mixed, all colors.....	.15	.40
Goliath. White, gigantic size.....	.15	.80
Scarlet .....	.15	.80
Chamois Rose .....	.15	.80
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form .....	.15	.80
Balsam Apple (Momordica). Curious climbers..	.10	.40
Pear .....	.10	.40
Bartonia Aurea. Metallic yellow blossoms.....	.15	.40
Bachelor's Button. See Centaurea Cyanus.		
Balloon Vine (Cardiospermum Halicacabum).....		.15

## Begonia

Christmas Cheer Red. A very large flowered variety, the blossoms attaining a diameter of two inches. Color, dark crimson-scarlet....	1.00
Christmas Pink. The growth, blossoms and foliage identical to above variety only the color is a delightful shade of warm rose-pink.....	1.00
Gracilis Luminosa. Foliage lustrous reddish brown, flowers fiery dark scarlet....	1/8 oz., \$6.00
.....	1-32 oz., \$2.00 .50
Fireball .....	1/8 oz., \$9.00; 1-32 oz., \$2.50 1.00
Gruppen Konigin. Foliage dark green edged reddish brown. Dwarf compact growth, large brilliant dark rose flowers.....	1-32 oz., \$2.00 1.00
Rose Charm. Color fresh rose resembling that of the Paul Neyron rose, very free blooming, splendid grower .....	1/8 oz., \$8.00; 1-32 oz., \$2.50 1.00
Prima Donna. Large transparent rose flowers, shading to carmine.....	1-32 oz., \$3.00 .50
White Pearl. White flowers, foliage green .....	1-32 oz., \$2.00 1.00



BEGONIA Semperflorens

### BEGONIA—Continued

	Trade pkt.	Oz.
Semperflorens Alba .....	1/2 oz., 50c	\$0.25
Cardinal (Dwarf Vernon).....	1-64 oz.,	\$1.00 .50
Atropurea Vernon. Red-leaved and red-flowered .....	1-16 oz., 50c	.35
A. Martin. Large brilliant crimson scarlet with dark foliage .....	1-32 oz.,	\$1.40 .50
Flame of Love. 1 ft. Dense clusters of brilliant scarlet flowers with shining golden yellow stamens. Foliage bright green tinted brown. ....	1-32 oz.,	\$2.50 1.00
Gustav Knaake. Flowers showing pink with salmon shade, free flowering; leaves green with bronze shade; good for pot culture. One of the best Begonias ever raised.....	1-64 oz.,	\$2.00 1.00
Fire Sea. Dwarf, green foliage, red flowers .....	1-32 oz.,	\$2.40 1.00
Glory of Erfurt. Fine novelty with very large rosy carmine flowers.....	1-32 oz.,	\$2.80 1.00
Liegnitzia. Scarlet carmine; a good bedder .....	1-32 oz.,	\$1.80 .75
Melanie. White with pink edge.....	1-32 oz.,	\$2.00 .50
Erfordia. Rosy carmine flowers...1-32 oz.,	\$1.80	.50
Mignon. Bright salmon scarlet...1-32 oz.,	\$2.80	.50
Rose Charm. Fresh rose color...1-32 oz.,	\$2.50	1.00
Salmon Queen. Large salmon blooms, dark foliage .....	1-32 oz.,	\$2.60 1.00
Wuerttembergia. Blood red.....	1-32 oz.,	\$1.00 .50
Mixed .....	1/8 oz., 60c	.25 \$3.20
Single Tuberous Rooted. Finest mixed .....	1-32 oz.,	\$2.20 .50
Single Tuberous Rooted. Frilled...1-32 oz.,	\$2.80	1.00
Lloydii, Known as "Basket Begonia," owing to its drooping habit. The flowers are pendulous, double in form, and in various shades of rose and carmine.....		1.00
Narcissus Flowered .....		1.00
Double Tuberous Rooted. Best mixed.....	1-64 oz.,	\$5.00 1.00
Bellis. See perennial pages.		
Bidens Atrosanguinea .....		.25
Bird of Paradise. (Poinciana Gillesii).....		.25 1.00
Blue Daisy. See Agathea.		

# Vaughan's Asters



## THE SUNSHINE

### Improved Anemone Flowered

One of the most attractive varieties. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it was covered with snowflakes. The blue flowers are dotted with a paler blue and some in white, and the rose in a lighter shade of pink or white. Their delicate beauty is hard to describe. A wonderful cut flower variety, borne on long, stiff stems, and the flowers last a long time after cutting.

This type of Aster was introduced by an English seedhouse several years ago, and later exploited by one of the Chicago private gardeners. We sent stock seed to a German seed grower, and he succeeded not only in selecting four more colors, but also eliminated a large percentage of single flowers from this strain, besides breeding the strain to a flat center, away from the anemone-quilled type.

## Dwarf and Semi-Dwarf Section

	Trade pkt.	Oz.
Vaughan's Fireball. A splendid dwarf Aster.		
..... 1/4 oz., 70c	\$0.35	\$2.40
Boltze's Dwarf Bouquet, Mixed.....	.25	1.20
Dwarf Chrysanthemum Flowered, Mixed 1/4 oz., 50c	.25	1.60
White ..... 1/4 oz., 70c	.35	2.40
Brilliant Rose ..... 1/4 oz., 70c	.35	2.40
Fiery Scarlet ..... 1/4 oz., 70c	.35	2.40
Dwarf Queen. Mixed, all colors..... 1/4 oz., 60c	.35	2.00

### DWARF SUNSHINE

Dwarf form of the popular tall variety illustrated on this page.

Flesh	Lilac	
Dark rose	Light blue	
Each of the above.....		\$0.50

## Tall Section

### AMERICAN BEAUTY—2 to 3 feet

#### Late Flowering Type

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

White	Rose	Azure Fairy
September pink	Carmine Rose	Lavender
Peachblossom	Crimson	Purple
		Trade Pkt. Oz.
Any of the above..... 1/4 oz., 40c		\$0.25 \$1.40
Mixed, all colors..... 1/4 oz., 40c		.25 1.20

### BALL'S WHITE—2 feet

The flowering season comes between the Royal and Late Branching types, filling in between the early and late glut of flowers. It grows to a medium height with full, distinctively centered blossoms, ideally formed for long distance shipping..... 1/4 oz., 60c; trade pkt., 25c; oz., \$2.00

### CALIFORNIA GIANTS—2 1/2 to 3 feet

No cut flower grower can afford to overlook these wonderfully fine asters. They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

	Trade pkt.	Oz.
White		
Peachblossom	Light Blue	
Deep Rose	Dark Purple	
Any of the above..... 1/4 oz., 70c	\$0.50	\$2.40
Mixed, all colors..... 1/4 oz., 65c	.35	2.00

	Trade pkt.	Oz.
Sunshine, White, Light blue, Pink and Lilac, Dark blue, Dark rose..... 1/4 oz., 80c	\$0.50	\$3.00
Sunshine Aster, Mixed. The above and others		
..... 1/4 oz., 65c	.35	2.40

### CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect.

White	Crimson	Dark Blue
Shell Pink	Lavender	Purple
Dark Pink	Azure Blue	

	Trade pkt.	Oz.
Any of the above..... 1/4 oz., 35c	\$0.25	\$1.20
Mixed, all colors..... 1/4 oz., 35c	.20	1.00

### DAYBREAK (American Victoria)

Purity. White	Daybreak Pink	Rose Pink
Azure Blue	Lavender	
		Trade pkt. Oz.
Any of the above..... 1/4 oz., 50c		\$0.25 \$1.80
Mixed, all colors..... 1/4 oz., 40c		.25 1.40

### EARLY BEAUTY—2 feet

This type has all of the characteristics of the Late Beauty Type, and is valuable for locations where the season is too short to flower the late type before frost, and for early forcing.

We wish to emphasize, however, that this is not an Early Aster as compared with Early Express or Queen of the Market, but earlier than the Late Beauty Type, which is the latest of all Asters. Planted at the same time this type flowers with the Crego and American Branching.

White	Rose	Azure Fairy
September Pink	Carmine Rose	Lavender
Peachblossom	Crimson	Purple
		Black Prince

	Trade pkt.	Oz.
Any of the above..... 1/4 oz., 50c	\$0.25	\$1.60
Mixed, all colors..... 1/4 oz., 45c	.25	1.40

## ASTER CULTURE

Use plenty of lime. The Aster is impatient of acid soil. This point is overlooked by many growers.

# Vaughan's Asters

TALL SECTION—Continued

## GIANT BRANCHING—2½ to 3 feet

White	Rose Pink	Lavender
Daybreak (Mary Semple)	Crimson	Deep Violet
Peach Blossom	Azure Blue	Purple
		Trade pkt. Oz.
Any of the above.....lb., \$12.00; ¼ oz., 30c		\$0.20 \$1.00
Mixed, all colors.....lb., \$10.00; ¼ oz., 25c		.15 .80

## GIANT COMET—2 feet

White	Yellow	Deep Rose
Shell pink	Lavender	Purple
Crimson	Dark Blue	
Light Blue		
Salmon Rose, trade pkt., 35c; oz.,		\$1.80.
Queen of Spain, flesh, ¼ oz., 45c; trade pkt.,		\$0.25; oz., \$1.60.
		Trade pkt. Oz.
Any of the above, except where noted. ¼ oz., 35c		\$0.25 \$1.20
Mixed, all colors.....1 lb., \$10.00		.20 1.00

## THE KING—2 feet

The habit is similar to the popular Giant Branching, vigorous in growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large.

White	Brilliant Rose	Lavender
Shell Pink	Crimson	Dark Blue
Violet		
		Trade pkt. Oz.
Any of the above.....¼ oz., 40c		\$0.25 \$1.40
Mixed, all colors.....¼ oz., 35c		.25 1.20

## OSTRICH FEATHER—2½ feet

This is the finest type of Aster for all purposes, especially for market cut flowers. The graceful long petals are thickly produced.

White	Deep Rose	Light Blue
Soft Pink	Sky Blue	Dark Blue
Crimson	Terra Cotta (new)	
Triumph of Paris. Beautiful white flowers with curled and twisted petals, and yellow cushion center		Trade pkt. Oz.
		\$0.35 \$1.80
Vermilion carmine	¼ oz., 60c	.25 2.00
Any of the above, except where noted	¼ oz., 40c	.25 1.40
Mixed, all colors	¼ oz., 35c	.25 1.20

## QUEEN OF THE MARKET—18 inches

### The Standard Early Flowering Type

White, lb., \$10.00	Crimson, lb., \$10.00	Dark Blue, lb., \$10.00
Rose Pink lb., \$10.00	Lavender lb., \$10.00	Light Blue, lb., \$10.00
Flesh	Scarlet	Purple
		Trade pkt. Oz.
Any of the above.....¼ oz., 30c		\$0.15 \$1.00
Mixed, all colors.....lb., \$8.00; ¼ oz., 25c		.15 .80

## THE ROYAL—2 feet

### Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

White	Deep Rose	Lavender
Shell Pink	Lavender Pink	Purple
		Trade pkt. Oz.
Any of the above.....¼ oz., 40c		\$0.25 \$1.40
Mixed, all colors.....¼ oz., 35c		.25 1.20

TALL SECTION—Continued

## EARLY WONDER—16 inches

These are the earliest blooming Asters. Flowers large and full, of the Comet type.

White	Rose	Light Blue	Lavender	Dark Blue
				Trade pkt. Oz.
Any of the above.....¼ oz., 50c				\$0.25 \$1.80
Mixed, all colors.....¼ oz., 45c				.25 1.60

## AMERICAN ASTERMUM

An attractive and descriptive name for a race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

Snow White	Rose Pink	Dark Lavender
		Trade pkt. Oz.
Any of the above.....¼ oz., 45c		\$0.25 \$1.60
Mixed, three above colors.....¼ oz., 45c		.25 1.60

## OTHER AMERICAN ASTERS

		Trade pkt. Oz.
<b>Crimson Giant.</b> This shade has been one which has seemed to lack intensity of color, but in this variety the blood-red blossom is particularly bright	¼ oz., 40c	\$0.25 \$1.40
<b>Heart of France.</b> 2 ft. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, with a soft warm velvety texture	¼ oz., 50c	.25 1.80
<b>The Mikado,</b> 2 ft. Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl on each other in such magnificent disorder as to make the fluffiest aster we have ever seen.		
<b>Pink Rochester</b>	¼ oz., 40c	.25 1.40
<b>Lavender Gem.</b> The flowers are of a true lavender shade. The petals are gracefully curled and twisted, and the blooms are borne on long stems.	.25	1.40
<b>Moreton Pink.</b> Of the Giant Branching type, the large flowers are well formed and freely produced on long stems; color a beautiful, clear pink with a salmon sheen.	¼ oz., 40c	.25 1.40
<b>Peerless Pink.</b> 2½ ft. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink.	¼ oz., 40c	.25 1.40
<b>Perfection White,</b> 2½ ft.	¼ oz., 40c	.25 1.40
<b>Sensation.</b> 2½ ft. The color being a dark rich garnet or ox-blood red. The plants are of free branching habit, the double flowers averaging about 3 in. in diameter and borne freely on stems about 12 in. long.	¼ oz., 40c	.25 1.40
<b>Soleil D'Or (Golden Sun).</b> 18 in. Best yellow Aster.	¼ oz., 45c	.25 1.60

## ASTERS IN MIXTURES

Vaughan's Florists' Mixture.....¼ oz., 40c	.25	1.40
Vaughan's Excelsior Mixture, Tall Asters. This is a mixture of the most beautiful, striking and distinct colors of the tall growing Asters, selected from the cream of the Giant Comet, Ostrich Plume, Branching and other desirable sorts.....¼ oz., 45c	.25	1.60

## SINGLE ASTER

These are very much in evidence in European flower shops.

White	Light blue
Pink	Dark violet
Bright Rose	Dark Blue
Crimson	
Marechal Joffre, Large flowered, single red.	
Each of the above.....	.20 .80
Mixed, all colors.....	.15 .60

	Trade pkt.	Oz.
<b>Brachycome Iberidifolia.</b> (Swan River Daisy).		
Blue .....	\$0.15	\$0.80
White .....	.15	.80
Pink .....	.15	.80
Mixed .....	.15	.70
<b>Browallia Speciosa Major,</b> 1-32 oz., \$2.00, 500 seeds	.35	
Elata Blue .....	.15	.80
Elata White .....	.15	.80
Elata Mixed .....	.15	.80
<b>Cacalia</b> (Tassel Flower) Scarlet or Mixed, good cut flower, each .....	.10	.50
<b>Calandrinia Grandiflora.</b> Rose.....	.10	.80
Umbellata. Crimson violet, very fine.....	.15	.80

### Calceolaria Hybrida

**Mixed, extra choice.** Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. Price, trade pkt. (about 1,000 seeds), 50c; 3 trade pkts. for \$1.40; 1-64 oz., \$1.50.

<b>Hybrida Grandiflora Graciosa.</b> A type with very large self colors of a great variety of colors, especially in the yellow shades. . . . .1-64 oz., \$2.50	.75	
<b>Grandiflora nana tigrina.</b> Mixed dwarf 1-64 oz., \$2.50	.75	
<b>Rugosa Aurea.</b> Golden Rain.....	1.00	
Major, mixed .....	1.00	

<b>California Poppy.</b> See Escholtzia.		
<b>Calliopsis.</b> Tall, Mixed, all colors.....lb., \$1.60	.15	.50
Bicolor Nana. Golden Ray.....	.15	.50
Bicolor Splendens. Golden yellow, brown center, extra large.....lb., \$4.80	.15	.50
Radiata Tigrina. Tiger Star.....	.15	.60
Dwarf Sorts. Mixed.....	.10	.30
Double. Mixed.....	.10	.40
Golden Wave. A good cut-flower.....lb., \$2.40	.10	.25
Hybrida Superba .....	.10	.30
Nigra Speciosa .....	.10	.30
Coronata Maxima. Splendid cut-flower.....lb., \$4.20	.15	.50
Vaughan's Special Mixture.....	.10	.50
<b>Callirhoe Involucrata</b> .....	.35	
<b>Campanula.</b> See Perennial pages.		
<b>Canary Bird Flower</b> .....	.10	.30

### Calendula

<b>The Ball.</b> This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass. Lb., \$32.00. ½ oz., \$1.75. Trade pkt. of ¼ oz.....	1.00	3.00
<b>Ball's Improved Orange</b> .....½ oz., \$2.00	1.00	3.00
<b>The Ball Gold.</b> Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange.....½ oz., \$2.00	1.00	3.00
<b>Orange King, Dark Center.</b> Select Stock. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich dark orange .....	1.00	3.00
Apricot .....	.10	.40
Sulphurea Plena. Double sulphur yellow.....lb., \$5.00	.20	.50
Pongei Fl. Pl. Double white.....	.15	.50
Prince of Orange. Bright orange.....lb., \$2.00	.10	.25
Orange King (Grandiflora fl. pl.). Select, lb., \$6.00	.20	.60
Meteor .....	.10	.25
Mixed, all colors.....lb., \$1.40	.15	
<b>Canna Crozy's.</b> Best Mixed.....lb., \$4.00	.15	.40
<b>New Varieties Mixed.</b> These seeds are selected from a choice collection of a French Specialist who has given much time and attention to this plant. These seeds should produce first class varieties.....	.15	.60
Large Flowering Pink.....lb., \$8.00	.25	.80
<b>Cardinal Climber.</b> Bright and delicate climber..	.25	.80



CARNATION Vaughan's Early and Perpetual Flowering

### Candytuft

	Trade pkt.	Oz.
<b>Giant Hyacinth-Flowered.</b> Extra Selected, large pure white flowers.....lb., \$8.00	\$0.20	\$0.80
Empress .....	.10	.30
<b>Umbellata Lilacina.</b> Lilac. Select.....lb., \$4.00	.15	.40
Carminea. Carmine .....	.10	.40
Flesh .....	.15	.50
Purpurea. Crimson .....	.10	.40
Rose Pink. (Rose Cardinal).....lb., \$8.00	.15	.80
Little Prince .....	.15	.60
<b>Queen of Italy.</b> Dwarf, compact lusher covered with large pink blooms .....	.15	.60
Alba, white .....	.15	.40
Umbellata. Mixed .....	.10	.25
<b>Dwarf Hybrids.</b> Mixed.....	.15	.60
White Rocket .....	.10	.15
Snowflake. Sweetest of all.....	.15	.40
Dwarf Snowflake .....	.15	.40
Mixed Colors .....	.10	.15

### Carnation

#### Vaughan's Early and Perpetual Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high.

Our strain will produce 90% double flowers and comes true to color. We can supply it in:

White	Flesh Pink	Maroon	
Yellow	Deep Rose	Salmon	Rose
Rose Pink	Scarlet		
Any of above.....	¼ oz., 70c	\$0.50	\$2.50
<b>Vaughan's Early and Perpetual Flowering, mixed</b> .....	¼ oz., 65c	.50	2.00
<b>Margaret—Double Red</b> .....		.25	1.60
Double Rose .....		.25	1.60
Striped .....		.25	
White .....		.25	1.40
Yellow .....		.35	
Giant Mixed. An extra choice strain .....		.25	1.40
Giant White. Large and double.....		.35	1.80
<b>Giants of Nice.</b> Blooms in four to five months from sowing .....	250 seeds, 75c		
<b>American New Varieties.</b> Seeds saved from the best varieties, with large flowers borne on long stems .....	100 seeds, 65c; 1,000 seeds, \$5.00		
<b>Fine double mixed</b> .....	¼ oz., 50c	.35	1.80
<b>Mixed, extra choice</b> .....	¼ oz., 65c	.35	2.00
<b>Vaughan's Special Mixture.</b> A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud .....	¼ oz., \$1.60; 500 seeds, 50c		

For other Carnations see Hardy Perennials.



ANNUAL CHRYSANTHEMUM

Celosia

	Trade	pkt.	Oz.
<b>Cristata (Coxcomb).</b> Tall sorts, mixed.....	\$0.15		\$0.80
Tall Crimson .....	.25		1.20
Golden Yellow .....	.35		
Peony Red .....	.35		
Rose .....	.35		
Scarlet .....	.35		
Chamois .....	.35		
<b>Cristata Nana.</b> Dwarf sorts, mixed, extra choice. .35	2.00		
Nana President Thiers. True dwarf, red ¼ oz., 70c .35	2.40		
Empress. Choice dwarf, crimson. ¼ oz., 70c .35	2.40		
Aurea. Dwarf, golden yellow.....	.35		
Rosea. Dwarf, rose-colored combs.....	.35		
<b>Plumosa.</b> Triumph of the Exposition.....	.10	.60	
Nana. Mixed. For pots..... ¼ oz., 65c .25			
Mixed, feathered varieties.....	.10	.50	
Thompsonii Magnifica. Makes fine pot plants..	.15	.80	
Pride of Castle Gould. A remarkable strain of			
Ostrich Plume Celosias..... ½ oz., 65c .50			
Crimson .....	.15	1.00	
Orange .....	.15	1.00	
<b>Chrysanthemiflora</b> .....	¼ oz., 65c .35	2.40	
<b>Cristata X Plumosa (Parrot's Feather).</b> A cross			
between these two types. Fine cut flower			
..... ½ oz., \$1.00 .50			
<b>Spicata.</b> Vivid rose, turning to silvery white.....	.15	.80	
<b>Chinese Woolflower (Childsii).</b> Crimson. ¼ oz., 40c .25	1.20		
Deep rose, new..... ¼ oz., 40c .25	1.20		
Mixed .....	¼ oz., 50c .25		

Centaurea

<b>Americana.</b> Purple .....	lb., \$5.00	.10	.50
Alba. White, splendid cut flower.....		.15	.80
<b>Candidissima (Dusty Miller)</b> .....	¼ oz., 40c	.25	1.40
<b>Cyanus (Corn Flower).</b> Double Blue. Extra fine			
..... lb., \$4.00	.10	.40	
Double Pink .....	lb., \$4.00	.10	.40
Carmine (crimson) .....	lb., \$4.00	.10	.40
Pure White, new.....	lb., \$4.00	.15	.50
Purple (Plum Color).....	lb., \$4.00	.10	.40
Mauve .....	lb., \$4.00	.10	.40
Mixed (Bachelor Buttons).....	lb., \$3.20	.10	.30
Nana compacta Victoria, Blue.....		.10	.30
Vaughan's Special Mixture.....	lb., \$5.00	.15	.50
<b>Gymnocarpa</b> .....	lb., \$4.00	.15	.50

CENTAUREA—Continued

	Trade	pkt.	Oz.
<b>Imperialis (Sweet Sultan).</b> Mixed, all colors....	\$0.10		\$0.40
Alba. Pure white, better than Margaret.....	.15	.60	
Amaranth. Rich plum.....	.15	.30	
Deep Lavender .....	lb., \$6.40	.15	.60
Lilacina. Lilac.....	.15	.60	
Favorita. Dark rose.....	lb., \$6.40	.15	.60
Splendens. Purplish crimson.....	lb., \$6.40	.15	.60
<b>Moschata.</b> Mixed Sweet Sultan.....	.10	.50	
<b>Suaveolens.</b> Yellow Sweet Sultan.....	lb., \$4.00	.10	.40
<b>Vaughan's Special Mixture.</b> Includes most of the			
above .....	.15	.60	
<b>Centrosema Grandiflora</b> .....	¼ oz., 40c	.25	

Chrysanthemum

**Carinatum** or single varieties produce long stiff stemmed flowers in attractive shades and color combinations.

<b>Burridgeanum.</b> Pure white petals with zone of			
rich brownish red, and inner zone of yellow			
surrounding the dark brown disc.....	.10	.40	
<b>Eclipse (Chameleon).</b> Clear yellow petals with			
dark disc .....	.10	.40	
<b>The Sultan.</b> Rich wallflower-red with a narrow			
yellow zone around the brown disc.....	.10	.40	
<b>Purpureum W. E. Gladstone</b> .....	.10	.40	
<b>Radiatum Album</b> White pin wheel.....	.25	1.00	
<b>Radiatum Aureum</b> Yellow pin wheel.....	.25	1.00	
<b>Carinatum.</b> Single mixed .....	.10	.30	
<b>Segetum.</b> Eastern Star. Light yellow with dark			
center .....	.10	.40	
<b>Morning Star.</b> Petals primrose-yellow with			
halo of deeper yellow; dark yellow disc.....	.10	.40	
<b>Evening Star.</b> Rich sunflower-yellow, disc dark			
yellow .....	.10	.40	
<b>Northern Star.</b> Large pure white fringed petals			
with canary-yellow zone around a dark			
brown eye .....	.10	.40	
<b>Coronarum.</b> Double white .....	.10	.20	
Double Golden yellow.....	.10	.20	
Double mixed .....	.10	.20	
<b>Pumilum Luteum pl. (Golden Ball)</b> .....	.15	.50	
<b>Dunnettii Album pl.</b> Double white.....	.15	.60	
<b>Aureum pl.</b> Double yellow.....	.15	.60	
<b>Coccineum pl.</b> Double scarlet.....	.15	.60	
<b>Golden Feather</b> .....	.10	.40	
<b>Inodorum Plenissimum.</b> Double white.....	.15	.60	
<b>Bridal Robe.</b> Fine cut-flower..... ¼ oz., 40c .25	1.40		
<b>Vaughan's Special Mixture, Double and Single.</b>			
Annual sorts .....	.15	.50	
<b>Frutescens (Paris Daisy).</b> White.....	.15	.60	
<b>Chinese Double Early Flowering Mixed</b> ½ oz., \$1.50 .50			
<b>Chinese Single Early Flowering Mixed</b> .....	.50	4.00	

Cineraria Hybrida

**Vaughan's Columbian Mixture.** It consists of a mixture made up by ourselves of the choicest strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant.

1/32 oz., \$4.00; 1-16 oz., \$7.00; 700 seeds..... 1.00  
**Giant Salmon.** New. Trade pkt. (1,000 seeds).... 1.00

**Covent Garden Strain.** The flowers of this new strain are much smaller than those of our Columbian Mixture, but the plants produce a large head of bloom when grown in small pots. There are many beautiful shades of color. 1,000 seeds..\$1.00

**Hybrida Multiflora Nana.** A new race of Cineraria, producing dwarf plants with masses of small flowers, measuring about ¾ in. diameter in compact heads over small and dainty foliage. The flowers are all self-colored, embracing shades of light and dark pink, light and dark blue, red and violet .....

1-32 oz., \$2.50 1.00  
**Potsdam Strain.** An improvement on the Multiflora Nana Strain .....

1.00

<b>CINERARIA HYBRIDA</b> —Continued		Trade pkt.	Oz.
<b>Howard and Smith's Strain.</b> A very fine selection from a California specialist. Seed from the originator.....			
1-32 oz.,	\$2.60	\$1.00	
<b>Large-Flowering White</b> .....	} Each per trade pkt. (500 seeds) 50c		
<b>Crimson</b> .....			
<b>Azure Blue</b> .....			
<b>Blood-Red</b> .....			
<b>Dark Blue</b> .....			
<b>Matador.</b> Deep copper scarlet.....	Pkt, 500 seeds	.50	
<b>Nana Maxima.</b> Mixed.....	1-32 oz., \$2.00	1.00	
<b>Old Rose.</b> Pink to rich coppery red...	500 seeds	.50	
<b>James' Giant</b> .....	1-32 oz., \$2.50; 1,000 seeds	1.00	
<b>Hybrida.</b> Large-flowering. Mixed.....			
1-16 oz.,	\$8.00; 500 seeds	.50	
<b>Grandiflora, Semi-Dwarf.</b> Mixed.....			
1-32 oz.,	\$2.00; 500 seeds	.50	
<b>Gigantea.</b> Dark red, with white; 500 seeds,	\$1.00.		
Dark blue with white; 500 seeds,	\$1.00.		
<b>Plenissima Mixed.</b> From finest double flowers, nearly true from seed.....		1.00	
<b>Star Cineraria</b> (Cineraria Hybrida Stellata Polyantha). Fine, small flowering varieties, for cutting and decorative purposes.....			
1-16 oz.,	\$1.00	.50	
<b>Stellata Blue</b> .....	500 seeds, 50c		
<b>Feltham Beauty.</b> Somewhat dwarfer than above but with larger flowers and broader petals, nearly all have white centers...	500 seeds, 50c		
<b>Cineraria Maritima Candidissima,</b> for bedding....	.15	\$0.50	
<b>Diamond.</b> Leaves pure white.....	.15	.60	

<b>Clarkia Elegans.</b> Double extra choice mixed.....	.15	.80	
<b>Double Appleblossom</b> .....	.15	.80	
<b>Chamois</b> .....	.15	.80	
<b>Scarlet Queen.</b> Brilliant scarlet.....	.15	.80	
<b>Brilliant.</b> Crimson scarlet.....	.15	.80	
<b>Salmon Queen.</b> Salmon orange scarlet lb.,	\$8.00	.15	.80
<b>Queen Mary,</b> Rose carmine.....	.15	.80	
<b>Vesuvius,</b> Orange, scarlet, new.....	.15	.80	
<b>White Prince</b> .....	.15	.80	
<b>Pulchella.</b> Single mixed.....	.10	.40	
<b>Vanhan's Special Mixture</b> .....	.15	.80	
<b>Cleome Pungens</b> (Giant Spider Plant). True stock	.10	.40	
<b>Clianthus Dampieri</b> (Glory Pea of Australia)....	.50		
<b>Cobaea Scandens.</b> Purple.....	1b., \$6.00	.15	.50
<b>Scandens Flore Albo.</b> White.....	.15	.80	
<b>Cockscomb.</b> See Celosia Cristata.			
<b>Coleus, Vanhan's Rainbow Mixture.</b>	1-16 oz., \$1.50	.50	
<b>Colosse de Pyrenees.</b> Whitish ground dotted with red shades.....	1-16 oz., \$2.00	1.00	
<b>Fine Mixed</b> .....	3/8 oz., 50c	.35	3.20
<b>Large-leaved, extra choice mixed.</b>	1-16 oz., \$1.50	.50	
<b>Large-leaved dwarf, for pots.</b>	1-16 oz., \$2.00	1.00	
<b>Large-leaved Copper-colored</b> .....	.50		
<b>Laciniated and Fringed</b> .....	.50		
<b>Collinsia.</b> Mixed, all colors.....		.15	
<b>Columbine.</b> See Aquilegia.			
<b>Commelina Sellowiana.</b> One of the finest blue...	.25		
<b>Convolvulus</b> Tricolor mixed, Dwarf Morning Glory.....	1b., 80c	.10	
<b>Mauritanicus.</b> For hanging baskets.....	.25	3.20	
<b>Major</b> (Morning Glory). Single Mixed...lb.,	70c	.10	
<b>Double Mixed</b> .....	.10	.40	
<b>Double White Snow Fairy</b> .....	.10	.40	
<b>Cosmidium Burridgeanum.</b> Orange Crown. Golden yellow with a broad circle of a rich orange around the disc.....	.10	.40	
<b>Cordylone.</b> See Dracaena.			

Chinese Forget-me-not

<b>Cynoglossum Amabile.</b> A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower... 1/4 oz.,	75c	.50	2.00
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COSMOS, Double Early Flowering Mixed

Cosmos

	Trade	pkt.	Oz.
<b>Giant Flowered Crimson Ray</b> .....	\$0.10		\$0.30
Mixed, all colors.....	1b., \$1.60	.10	.20
<b>Pink Lady Lenox</b> .....	1b., \$2.20	.10	.20
<b>White Lady Lenox</b> .....	1b., \$2.20	.10	.20
<b>Early-Flowering Mammoth.</b>			
White.....		.10	.40
Pink.....		.10	.40
Crimson.....		.10	.40
Mixed, all colors.....	1b., \$2.40	.10	.30
<b>Early Flowering Harbinger.</b> Soft shades of pink, peach, apple blossom, lavender and other intermediate shades, and all giant flowered of the early flowering type.....			
		.20	1.00
<b>Anemone Flowered (Crested).</b> Pink...lb., \$14.00			
Red.....		.20	1.00
White.....	1b., \$14.00	.20	1.00
Mixed.....		.20	1.00
<b>Double Early Flowering.</b> They come about 75 per cent double from seed. They bloom in 70 days from day seed is sown, so that seed sown the latter part of April will easily be in bloom by the Fourth of July, and continue until cut down by frost.			
Pink.....	1/8 oz., 50c	.35	3.00
White.....	1/8 oz., 50c	.35	3.00
Red.....	1/8 oz., 50c	.35	3.00
Mixed.....	1/4 oz., 60c	.25	2.00
<b>Klondyke.</b> Yellow.....		.15	.60
<hr/>			
<b>Crucianella Stylosa</b> .....		.15	.60
<b>Cuphea Platycentra</b> (Cigar plant).... 1/8 oz.,	\$1.00	.50	
<b>Purpurea.</b> Mixed.....		.20	
<b>Cyperus Alternifolius</b> (Umbrella Plant).....		.20	1.00
<b>Cypress Vine.</b> White.....			
Scarlet.....		.10	.25
Mixed.....		.10	.25
<b>Ivy-Leaved Scarlet</b> .....		.15	.50
<b>Hybrid Cardinal Climber</b> .....		.25	.80

TYPE OF OUR  
CYCLAMEN



# Cyclamen

NOTE—Cyclamen seed prices are net.  
Giant English Crown

- Brilliant Giganteum.** Very robust grower. Fiery crimson flowers. 100 seeds, \$1.60; 1000 seeds, \$14.00.
- Cherry Ripe.** Nearly scarlet. 100 seeds, \$1.60; 1000 seeds, \$15.00.
- Mrs. L. M. Graves.** The color is an intense and brilliant salmon-scarlet. 100 seeds, \$1.60; 1000 seeds, \$14.00.

Prices—Any of the following—100 seeds, \$1.40; 1000 seeds, \$12.00.

**Saint George.** Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color.

**Crimson Saint George.** Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson.

**Queen Mary.** Salmon with claret base.

**Rosy Morn.** Delicate rose color. Claret base.

**Grandiflorum Album.** The largest giant white.

**Excelsior.** White with red base. Extra large flowers.

**Duke of Fife.** Dark rose.

**Princess of Wales.** Deep pink.

**Salmon King.** Salmon.

**English Varieties, Mixed.** From separate sorts. 100 seeds, \$1.20; 1000 seeds, \$10.00.

**Persicum Giganteum—German Type** 100 1000  
Seeds Seeds

Blood Red .....	\$1.20	\$10.00
Fire Light .....	2.25	20.00
Glory of Wandsbek (Pearl of Zehlendorf). Dark salmon .....	1.50	12.00
Lilac .....	1.00	8.00
Rose von Wandsbek (Rose of Zehlendorf). Light salmon .....	1.40	12.00
Roseum Magnificum. Rose pink.....	1.20	10.00
Salmon Scarlet. A favorite in the Chicago trade..	1.80	16.00
Rose of Marienthal. Delicate pink.....	1.00	8.00
Pure White. Very large.....	1.00	8.00
White with Pink Eye. Very large and fine.....	1.00	8.00
Glowing Dark Red (Christmas red).....	1.00	8.00

# Dahlia

		Trade	pkt.	Oz.
<b>Double. Mixed, extra choice.....</b>	\$0.50	\$2.20		
Cactus-Flowered. Mixed, extra choice.....	.50	4.00		
Selecta. New extra double giant fld.....	1.00			
Lilliput Double .....	.35			
<b>Single Giant Perfection. Mixed.....</b>	.25	1.00		
Coltness Hybrids. 18 inches high. Free and long flowering in most varied colors.....	.50	3.00		
Striped and Spotted.....	.25			
Collarette. Mixed .....	.25	1.20		
Stella .....	.35	2.00		
<b>Hornsveld's Giant or Peony Flowered Hybrids.</b> Magnificent single and half double new hybrids with immense large flowers on long stems. Excellent cut flower.....	.50	4.00		
<b>Vaughan's Special Mixture.</b> Includes the best single and double strains.....	.50	3.00		
<b>Vaughan's Special Double Mixed.....</b>	.50	4.00		
<b>Daisy.</b> See Arctotis, Anthemis, Bellis, Agathe, Brachycome, Chrysanthemum, Dimorphotheca and Pyrethrum.				
<b>Datura Fastuosa fl. pl. Double mixed.....</b>	.10	.30		
Double White.....	.10	.30		
Cornucopia. White marbled with purple.....	.10	.50		
Triple-flowered. Yellow (Golden Queen).....	.10	.40		

# Dianthus—Pinks

<b>Chinese Pink. Double. Mixed.....lb.,</b>	\$4.00	.10	.40
Single. Mixed, extra choice.....	.10	.40	
Tom Thumb Brilliant. Bright red single, 5 inches	.25	1.40	
<b>Heddewigii fl. pl. Double Japan, best mixed.....</b>	.15	.50	
Single. Mixed, extra fine.....	.10	.40	
Snow Queen. Double white, best.....	.15	.80	
Mourning Cloak. Double, almost black.....	.15	.80	
Midnight. Double blood-red.....	.15	.80	
Snowball. Dwarf, double white.....	.20	1.00	
Fireball. Dwarf, double scarlet.....	.20	1.00	
Rosalind .....	.35		
Eastern Queen .....	.15	.60	
Marginatus, Silver edge.....	.15	.80	
The Bride .....	.15	.80	
<b>Laciniatus fl. pl. Fringed, double mixed.....</b>	.15	.80	
Fringed. Single, mixed.....	.15	.50	
Lucifer fl. pl. Double, intense orange scarlet...	.20	1.00	
Mephisto .....	.20	1.00	
Mirabilis .....	.15	.60	
Salmon Queen. Single.....	.15	.80	
Double Salmon .....	.20	1.00	
Splendens. Rose shades, white center and border .....	.15	.80	
Violaceus Plenus. Double, violet, new.....	.25		
Vesuvius .....	.15	.80	
<b>Latifolius Atro-coccineus pl. Double blood-red,</b> deep crimson semi to full double flowers.....	.15	.80	
<b>Double Imperial Pinks (Imperialis fl. pl.) Mixed..</b>	.10	.40	
<b>Vaughan's Special Mixture.</b> Double and Single...	.15	.80	
<b>Vaughan's Special Mixture.</b> Single Pinks.....	.15	.80	
<b>Vaughan's Special Mixture.</b> Double Pinks.....	.15	.80	
<b>Barbatus.</b> See Perennials.			
<b>Plumarius.</b> See Perennials.			

<b>Didiscus Coeruleus. (Lavender Lace Flower.)</b> 3 ft. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief or Wild Carrot. A constant bloomer. To be sown where they are to flower..... ¼ oz., 40c	.25	1.20
<b>Dimorphotheca Aurantiaca. (Golden Marguerite).</b>	.15	.80
Aurantiaca Hybrids .....	.15	.80
<b>Dolichos (Hyacinth Bean). Mixed.....lb.,</b>	\$1.00	.15
Princess Helen (Daylight).....	.20	
Purple Soudan .....	.20	
Lignosus. (Australian Pea Vine.) A rapid-growing evergreen climber, flowering freely in clusters of rose pea-shaped flowers.....	.20	.80
<b>Dracaena Indivisa Lineata.....</b>	.15	.60
Indivisa. Narrow green leaves .....	.10	.40
Latifolia .....	.15	.80
Australis. Green and red colored leaves.....	.15	.60
<b>Echeveria Metallica, 100 seeds, \$1.00; 1,000 seeds,</b>	\$8.00	
<b>Erysimum Perofskianum. Orange.....</b>	.10	.40
Pulchellum .....	.15	.60

### Escholtzia

	Trade	pkt.	Oz.
California. Rose Cardinal.....	\$0.10		\$0.40
Carmine King. Fine crimson, color....lb.,	\$5.00	.10	.50
Glory of the West, or the Golden West.lb.,	\$2.20	.10	.25
Mixed, all colors.....lb.,	\$1.60	.10	.20
Vaughan's Special Mixture .....	.15		.60
Double White, Pink, Yellow and Mixed, each....	.15		.60
Hunnemannia (Bush Escholtzia). Santa Rosa Poppy, 1½ ft. Large cup-shaped flowers, bright yellow, the petals are broad and crinkled, resemble Darwin Tulips....lb.,	\$6.00	.15	.50
Erythrina Crista-Galli. (Coral Tree).....	.35		2.20
Eucalyptus Globulus (Blue Gum).....	.15		.80
Euphorbia Heterophylla (Mexican Fire Plant)....	.15		.60
Variegata (Snow-on-the-Mountain). Foliage edged white and green, is used in making up bouquets .....	.10		.40
Everlasting Flowers. Annual. See Ammobium, Acroclium, Helichrysum, Rhodanthe, Xeranthem- um, Gomphrena, Lunaria and Statice.			
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Physalis and Statice Latifolia.			
Everlasting Flowers. Annual. Mixed.....	.15		.60
Exacum Affine. Blue. Fine for pots and baskets. .....	1000 seeds,		\$1.00

### Fern Spores

Aspidium Cyrtomium Falcatum, Aspidium C. Falcatum Fortunei, Aspidium C. Rochfordianum, Aspidium Tsussinense, Dicksonia Cicutaria, Polypodium Aureum, Pteris Argyraea P. Cretica Albo-lineata P. Cretica Cristata. P. Cretica Mayii, P. Cretica Ouvrardii, P. Ensiformis Victoriae, P. Tremula, P. Cretica Wilsonii, P. Cretica Wimsetii, P. Cretica Wim. Multiceps.

Any of the above, per trade packet, 75c.

Feverfew. See Matricaria and Pyrethrum.			
Four O'Clock (Marvel of Peru). Mixed. These may be treated as Dahlias and the tubers stored in a dry place during the winter and replanted in spring, this will result in much larger plants that will flower earlier and more Trade freely .....	lb., \$1.20	pkt.	Oz.
Red, Rose, Lilac and Yellow, each.....	\$0.10		.25
Dwarf Mixed. Choice assortment.....	.10		.30
Longiflora Alba. Sweet scented.....	.10		.40
Freesia—Refracta Alba .....	lb., \$4.00		.40
Rainbow Hybrids. The new colored Freesias..	¼ oz.,	50c	.25 1.60
Fuchsia. Single mixed.....	1,000 seeds,	\$3.50;	200 seeds 80c
Double Mixed...1,000 seeds, \$3.50; 200 seeds, 80c			
Gaillardia Picta Lorenziana. Double mixed....	.10		.40
Picta Lorenziana Rubra, Red shades with white	.15		.80
Picta. Single mixed.....	.10		.40
Indian Chief. New bronzy red.....	.20		1.00
Josephus, Red with broad yellow band.....	.10		.40
Amblyodon. Fine red .....	.15		.60
Aurora Borealis. Brown, red and yellow, fine..	.15		.50
Gaura Lindheimeri. White. Fine for large groups	.15		.60
Geranium. Apple scented.....	1,000 seeds,	\$4.50;	100 seeds, 60c
Zonale. Single, fine mxed.....	.25		1.60
Single, extra large-flowering, mixed, choice....	.35		2.00
Lady Washington.....	1,000 seeds,	\$30.00;	100 seeds, \$4.00
Gerbera Jamesonii Hybrids .....	1,000 seeds,	\$4.50;	100 seeds, 60c
Gesneria Robusta Perfecta Hybrids.....	1.00		
Gilia. Mixed .....	.15		
Capitata Blue (Blue Thimble Flower). 2 ft. fine feathery foliage; attractive ball-shaped flow- ers, 1 in. in diameter; retains its color when dried .....	.10		.30
Gladiolus Gandavensis Hybrids, mixed...lb.,	\$6.00		.15 .60
Primulinus Hybrids, mixed.....lb.,	\$8.00		.20 .80
Globe Amaranth (Gomphrena). Mixed.....	.10		.25
Globosa, Red-Purple, White and Pink.lb.,	\$2.80		.10 .25
Orange (Haageana). Flower looks like a ripe strawberry .....	.15		.60



GLOXINIA, Vaughan's Columbian Mixture

### Gloxinia Hybrida

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1000 seeds), \$1.00; 1/32 oz., \$2.50.

	Trade	pkt.	Oz.
Emperor Frederick. Scarlet, white margin..	1-32 oz.,	\$3.00	\$1.00
Emperor William. Dark blue, bordered white	1/32 oz.,	\$3.00	1.00
Othello. Purple .....	1/32 oz.,	\$3.00	1.00
Scarlet Queen. Deep scarlet....	1/32 oz.,	\$1.75	1.00
Snow Queen.....	1/32 oz.,	\$3.00	1.00
Waterloo. Black red, passing to deep carmine	1/32 oz.,	\$3.00	1.00
Spotted and stained choice, mixed	1/32 oz.,	\$2.50	1.00
Regina Sinningia Imperialis.....			1.00
Gigantea Mixed .....	1/32 oz.,	\$2.40	1.00

### Godetia

Gladiolus Flowered Double. The flowers are double and should be cut before fully opened. Do not use any fertilizer.

	Trade	pkt.	Oz.
Carmine	Rosy Morn (Deep Rose)		
Rose	Mauve		
Each of above .....	¼ oz.,	75c	\$0.35
The Bride. White and crimson.....	.15		\$0.60
Duchess of Albany. Satiny white.....	.15		.60
Gloriosa. Glowing dark red.....	.15		.60
Rosamunde. Bright carmine.....	.15		.60
Whitneyi. Dark crimson with lilac rose.....	.15		.80
Lady Satin Rose.....	.15		.60
New Dwarf Hybrids. Mixed.....	.15		.50
Mixed, many sorts.....	.10		.40
Gomphrena. See Globe Amaranth.			
Gourd Spoon. Small fruit, much used by florists in fall decorations .....	lb.,	\$3.00	.25
Small sorts, mixed.....lb.,	\$1.80	.10	.20
Mixed, all sorts.....lb.,	\$1.60	.10	.20
Grevillea Robusta (Silk Oak).....	.20		.80

The Cinerarias we had this year were the finest we ever had, there was a few dwarf ones in that were fine and made a nice variety.

Respectfully yours,  
J. ALDOUS & SON





CODETIA, Gladiolus Flowered Double

	Trade	pkt.	Oz.
Gypsophila Muralis. Dwarf pink.....	\$0.15		\$0.60
Elegans (Angel's Breath). White.....lb., \$1.00			.15
Crimson. New.....lb., \$1.00		.10	.30
Rosea.....lb., \$2.00		.10	.20
Grandiflora Alba. Fine for cutting.....			
.....1/4 lb., 50c; lb., \$1.60			.20
Carminea. Carmine, better than Rosea,			
.....lb., \$2.80		.10	.25
Helianthus. See Sunflower.			
Helichrysum Monstro-um fl.pi. Double mixed lb. 4.	80	.10	.40
Silver Ball           Rose Carmine           Rose Queen		.25	1.00
Fireball             Salmon Queen           Crimson			
Golden Ball         Violet Queen           Salmon Red			
Canary Yellow			
Each of the above, except where noted..lb., \$6.00		.10	.60
Vaughan's Special Mixture.....lb., \$6.00		.10	.60
Heliotrope, finest mixed.....1/4 oz., 30c		.20	1.00
Mammoth Flowered. Mixed.....1/4 oz., 50c		.35	1.40
King of the Blacks.....1/4 oz., 60c		.35	
Madam Bruant. Violet blue with white eye....	.50	1.80	
White Lady, pure white.....	.20		
Heliotropes will bloom from seed in four months.			
Helipterum Sandfordi, chrome yellow.....	.15	.80	
Herniaria Hirsuta. Can be used for ground cover.	.15	.60	
Humulus Japonicus (Japanese Hop). Green leaved	.10	.40	
Japonicus fol. variegatus.....	.15	.50	
Hunnemannia Fumariaefolia (Bush Escholtzia)..			
.....lb., \$6.00	.10	.50	
Ice Plant (Mesembryanthemum Crystallinum)....	.10	.40	
Tricolor carmine, white and purple.....	.25	1.20	
Impatiens Holstii. Vermilion, very fine.....			
.....1/32 oz., \$1.00; 500 seeds	.35		
Holstii. New Hybrids, extra choice.....			
.....1/32 oz., \$1.00; 500 seeds	.35		
Sultani. Bright rose, 1/32 oz., \$1.00. 500 seeds	.35		
Hybrids.....1/32 oz., \$1.00; 500 seeds	.35		
These Impatiens will make splendid pot plants for Christmas.			
Inopsidium Acaule (Diamond Flower).....	.25	2.00	

	Trade	pkt.	Oz.
Ipomoea Noctiflora (Moonflower). White seeded..			
.....lb., \$3.20	\$0.10		\$0.40
Noctiflora. Black seeded.....lb., \$3.20	.10		.40
Giant Pink (Northern Light).....lb., \$3.60	.15		.40
Bona Nox. Large blue flowers.....lb., \$2.00	.10		.15
Setosa (Brazilian Morning Glory)....lb., \$3.20	.10		.30
Rubro-coerulea or Heavenly Blue. Grow in pots to confine the roots.....	.15		.80
Early flowering. Heavenly Blue.....	.20		1.20
Imperialis (Japanese Morning Glory)..lb., \$1.20			.15
Single Fringed Mixed.....lb., \$2.60	.10		.25
Coccinea. Scarlet, very free.....	.10		.30
Isoloma Hirsutum Multiflorum Hybridum. New, fine for pots.....		1.00	
Kochia Childsii (Summer Cypress).....lb., \$1.40	.10		.15
Lantana Hybrida. Mixed.....	.15		.50
Bruant's New Dwarf Hybrids, mixed.....	.15		.50
Lavatera Arborea Variegata. Leaves mottled with yellow.....	.15		.80
Rosea Splendens.....	.15		.60
Alba Splendens.....	.15		.60
Lavender Lace Flower, see Didiscus.			
Leptosyne Maritima. Yellow.....	.15		.60
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing.....	.15		.80
Leptosiphon. French Hybrids.....	.15		.60
Limnanthus Douglasi, yellow and white.....	.15		.60
Lineria Maroccana Excelsior, mixed.....	.15		.60
Linum Verbenae (Aloysia Citriodora)... 1/4 oz., 85c		.25	
Lilium Regale. See Perennial Pages.			
Linum Grandiflorum Rubrum. Large flowered scarlet flax.....lb., \$3.00	.10		.25

Lobelia

Erinus Crystal Palace Compacta, true.. 1/4 oz., 60c	.25	2.00
Speciosa. Dark flowers and foliage, true.....	.20	1.00
Emperor William. Dwarf..... 1/4 oz., 50c	.25	1.60
Pumila Splendens, Bedding Queen. Dark blue, white eye, dwarf..... 1/4 oz., 60c	.25	2.00
Alba Snowball.....	.25	1.80
Rosea.....	.25	
Speciosa Superba Compacta, Royal Purple. New. Dark blue, white eye, dark foliage... 1/4 oz., 60c	.25	2.00
Prima Donna. Velvety maroon.....	.25	
White Lady.....	.20	1.00
Gracilis. Blue.....	.15	.80
Mixed.....	.15	.80
Hamburgia. Good for hanging baskets, 1/4 oz., 50c	.20	1.80
Hybrida, Sapphire. For hanging basket. 1/4 oz., 65c	.25	2.40
Tenuior Blue..... 1/4 oz., 50c	.25	

Lophospermum Scandens, Climbing Foxglove.		
Rose.....	.35	3.00

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Lb.	Trade	pkt.	Oz.
Hartwegii. Dark Blue, Oxford Blue.....	\$3.20	\$0.10		\$0.30
Light Blue. Cambridge Blue.....	3.20	.10		.30
Roseus.....	3.20	.10		.30
Albus.....	3.20	.10		.30
Luteus Romulus. Yellow, large.....		.15		.60
Annual Yellow. Takes well on the Chicago market.....	6.00	.15		.60
Annual sorts mixed, tall.....	2.20	.10		.20
Subcarnosus (Texas Blue Bonnet).....	.10			.40



ANNUAL LARKSPUR, Stock Flowered

Larkspur

	Trade	pkt.	Oz.
Emperor. Extra choice mixed.....lb., \$5.00	\$0.15		\$0.50
Pink Delight, same shade as Stock Flowered			
Exquisite .....	.35		
Double Dwarf Rocket. Best mixed.....	.10	.40	
Butterfly Blue .....	.15	.80	
Lavender .....	.20	1.00	
White .....	.20	1.00	
Butterfly Larkspurs are perennials and bloom from seed the first year.			
Improved Giant Hyacinth Flowered. A very handsome flower which must not be confused with the old type of Hyacinth flowered Larkspur. The plants grow in one big spike, 3 ft. tall, broad at the base and tapering to a point at the top, resembling the best of the English type of perennial Delphinium (Larkspur). Blooms about a month earlier than Stock Flowered Larkspur.			
Blue, Purple, Pink, Lilac and White. Each of above .....	.35	.85	
Improved Hyacinth flowered. Mixed..lb., \$8.00	.25	.80	
Tall Rocket. Mixed.....	.15	.50	
Stock-Flowered. Newport Pink.....lb., \$6.00	.15	.60	
Exquisite pink. New extra choice.....	.35	1.40	
White .....	.15	.60	
Mauve rose (Bright rose).....lb., \$6.00	.15	.60	
Flesh .....	.15	.60	
Lilac .....	.15	.60	
Sky blue .....	.15	.60	
Dark blue .....	.15	.60	
Rosy scarlet .....	.15	.60	
Mixed .....	.10	.40	
Vaughan's Special Mixture Annual Larkspur...	.15	.60	
We recommend these Larkspur as cut flowers both in and out of doors.			
Malope Grandiflora Rosea.....	.10	.25	
Grandiflora Alba .....	.10	.25	

Marigold

	Trade	pkt.	Oz.
Double Tall African. Mixed.....	\$0.15		\$0.50
Double Dwarf African. Mixed (Pride of the Garden)	.15	.50	
Tall African, Lemon Queen. Special....lb., \$12.00	.20	1.00	
Tall African, Orange Queen. Special....lb., \$12.00	.20	1.00	
Dwarf French Double. Gold Striped.....lb., \$6.00	.15	.60	
French Double. Mixed.....lb., \$4.00	.10	.40	
Double, Yellow .....	.10	.40	
Golden Ball .....	.15	.50	
Dark Brown .....	.15	.50	
Robert Beist. Reddish brown.....	.15	.80	
Yellow with bronze margin.....	.15	.50	
Yellow spotted brown.....	.15	.50	
Single, Legion of Honor.....lb., \$4.00	.10	.40	
Golden Star .....	.10	.40	
Silver King .....	.10	.40	
Star of India.....	.10	.40	
Gilt Edge Diadem.....	.10	.40	
Tall French Single Josephine. Single dark brown with edging of old gold and a glint of crimson .....	.15	.80	
Vaughan's Special Mixture Tall Double French. Mixed .....	.15	.60	
Tall French Double Aurea Pl. Double golden yellow .....	.15	.50	
French Double Meteor. Sulphur yellow, orange margin .....	.15	.60	
Pulchra Pl. Yellow, spotted brown.....	.15	.50	
Ranunculiflora Pl. Dark brown.....	.15	.50	
Striata Pl. Double striped.....	.15	.60	
Sulphurea. Lemon .....	.15	.50	
Vaughan's Special Mixture. Dwarf French Single and Double .....	.15	.60	
Vaughan's Special Mixture. Tall French and African Double .....	.15	.50	
Signata Pnmila .....	.15	.80	
Pumila Golden Ring.....	.20	1.00	

For illustration see next page.

Extract from Florist Review, Sept. 29, 1927

It is worthy of comment that marigolds are being sold by thousands. These flowers are having a run the like of which has not been known before.

Extract from American Florist, Oct. 6, 1927

One item that has been selling very well is the marigold. The quality of this flower has been very fine indeed and the wholesalers have found no end of buyers for it. All of the houses report that this season sets a record for marigold sales.

Marvel of Pern. See Four O'Clock.		
Matthiola Bicornis (Evening Scented Stock).....	.10	.30
Manrandia. Mixed .....	1/8 oz., \$1.00	.50
Barclayana. Blue .....		.50
Melothria Scabra (Minneapolis or Musk Vine).		
Splendid annual climber.....	.15	.80

Mignonette

True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists' use and for pots. Trade Pkt., 15c; 1/4 oz., 20c; oz., 60c.

	Trade	pkt.	Oz.
Grandiflora, large flowering .....	lb., \$1.40		\$0.15
Defiance .....	.15	.50	
Golden Queen, yellow.....	.10	.40	
Golden Machet .....	.15	.80	
White Pearl, Machet type.....	.20	1.00	
Giant Pyramidal .....	.10	.40	
Goliath, red, fine.....	.25	1.00	
Vaughan's Giant Rocket.....	1/4 oz., 50c	.25	1.60
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment, 1/8 oz., \$1.00; trade pkt., 50c; oz., \$6.00.			



MARIGOLD, Double Tall African Orange and Lemon Queen

	Trade pkt.	Oz.
Mimosa Pudica (Sensitive Plant).....	\$0.15	\$0.45
Mimulus Moschatus (Musk Plant).....	.50	
Tigrinus, mixed.....	¼ oz., 50c	.25
Fl. Pl. (Double Monkey Flower).....	⅓ oz., 50c	.35
New Large Flowering, single.....	⅓ oz., 50c	.35
Mina Lobata.....	.25	1.40
Moon Flower. See Ipomoea.		
Morning Glory. See Convolvulus and Ipomoea.		
Musa Ensete, per 100 seeds, \$1.00; 1,000 seeds, \$8.00.		
Myosotis. See Forget-Me-Not.		

### Nasturtium

Any of the following, oz., 10c, except where noted.  
For other varieties see Illustrated Catalog.

#### DWARF SORTS—Tropaeolum Tom Thumb

	¼ Lb.	Lb.
Empress of India, deep crimson, dark-leaved.....	\$0.30	\$1.10
Golden King, rich color.....	.25	1.20
King Theodore, rich red, dark bluish foliage.....	.30	1.00
Vesuvius, rich, fiery rose.....	.35	1.20
Dwarf Nasturtiums, mixed, all colors, 5 lbs., \$3.50	.25	.80
Vaughan's Special Mixture.....	10 lbs., \$10.00	.35 1.20

#### Tropaeolum Lobbianum

Brilliant.....	.30	1.00
Giant of Battles.....	.30	1.00
Ivy Leaved Mixed.....	.40	1.20
Golden Queen, golden yellow.....	.30	1.00
King of the Blacks, black-brown.....	.35	1.20
Lobb's Mixed, many colors.....	.25	.80

#### TALL SORTS—Tropaeolum Majus

Jupiter, best and largest yellow.....	.30	1.00
King Theodore, rich deep red, dark foliage.....	.30	1.00
Pearl (Moonlight).....	.25	.90
Schnltzii, best dark red.....	.30	1.00
Vesuvius, the most gorgeous fiery rose imaginable	.30	1.00
Tall Sorts in Finest Mixture.....	10 lbs., \$5.00	.20 .60
Vaughan's Special Mixture of Tall Nasturtiums	10 lbs., \$8.50	.30 1.00

	Trade pkt.	Oz.
Nemesia Grandiflora Compacta. Triumph.....	\$0.35	\$2.00
Blue Gem.....	¼ oz., 70c	.35
Strumosa Suttoni, orange.....	.35	
Scarlet.....	.35	
Rose.....	.35	
Mixed. Try this in the house.....	¼ oz., 50c	.35 1.80
Nemophila (Grove Flower) mixed.....	1 lb., \$1.80	.10 .15
Insignis. Blue.....	1 lb., \$1.80	.10 .15

	Trade pkt.	Oz.
Nicotiana Affinis. Large white, very fragrant....	lb., \$3.60	\$0.10 \$0.30
Affinis Hybrids.....	.10	.40
Sylvestris. Very beautiful, sweet, pure white...	.10	.40
Sanderae. Crimson.....	.15	.50
Crimson King, new.....	.25	2.00
New Hybrids. Mixed.....	.15	.50
Nierembergia Gracilis. Light blue.....	¼ oz., 60c	.35
Nigella. Double Mixed.....	.10	.15
Miss Jekyll. Blue, fine cut-flower.....	.10	.20
Nolana. Mixed.....	.10	.40
Nycteria Capensis. White, sweet....	¼ oz., 25c	.10
Oenothera (Evening Primrose). Mixed.....	.10	.30
Afterglow. Yellow with bright red calyx.....	.15	.60
America.....	¼ oz., 75c	.35 2.80
Lamarckiana. Bright yellow.....	.10	.20

### Ornamental Grasses

**Agrostis Nebulosa.** Cloud-Grass. A low grass with extremely delicate feathery panicle and small spikelets, leaves few and very small. Trade pkt., 25c; oz., \$1.40.

**Briza Maxima.** Quaking Grass. Grows in very graceful panicles which tremble in the slightest breeze. Trade pkt., 10c; oz., 40c; lb., \$4.00.

**Briza Gracillima Minor.** Plant 4 to 15 inches high, leaves 1 to 5 inches long. Trade pkt., 15c; oz., 60c.

**Bromus Brizaeformis.** Broom Grass. An elegant biennial grass with drooping panicles of spikelets about as large as those of Briza Maxima. Trade pkt., 10c; oz., 40c.

**Coix Lachrymae.** Corn Beads, Job's Tears or Tear Grass. This family is closely related to Indian Corn. 2 to 3 feet high, with broad leaves and a curious nodding inflorescence. The seed is first green, then jet black, becoming nearly white with age. Oz., 10c; lb., 60c.

**Eragrostis Elegans.** Feather Love Grass. One to two feet high. Dense spikelets, very small, 4 to 7 flowered, very numerous and presenting a featherlike appearance in a mass. Trade pkt., 10c; oz., 40c.

**Lagurus Ovatus.** Hare's-tail Grass. Cultivated for ornamental purposes, the small white heads being used for dry bouquets. Trade pkt., 10c; oz., 40c.

**Pennisetum Longistylum.** Abyssinian Grass. Has a broad spike 2 to 4 inches long and feathery, purple plumes used to border canna beds. Trade pkt., 10c; oz., 50c.

**Pennisetum Rneppelianum.** The spikes are longer and more graceful than preceding. Trade pkt., 25c; oz., \$1.20.

**Tricholaena Rosea.** A native of Africa and is cultivated for the ornamental inflorescence which is used in making winter bouquets. Trade pkt., 10c; oz., 40c.

	Trade pkt.	Oz.
Ornamental Grasses. Mixed.....	\$0.10	\$0.40
Oxalis Tropaeoloides. Yellow, brown foliage.....	¼ oz., 85c	.35 3.00
Rosea. Very fine.....	.50	
Alba.....	.50	
Valdiviana. Yellow, sweet.....	.35	2.20

### Papaver—Poppy

**American Legion.** Orange scarlet flowers are remarkable keepers.....
 .15 | .50 |

Eldorado. Salmon Shades.....	.15	.80
Glaucum (Tulip Poppy). Deep scarlet flowers...	.10	.40
Paeoniflorum fl. pl. Double White.....	.10	.30
Yellow.....	.10	.30
Salmon Pink.....	.10	.30
Scarlet.....	.10	.30
Mixed.....	lb., \$1.00	.10 .15
Rhoeas fl. pl. Double French mixed.....	.10	.30
Shirley. Shades of pink rose and mixed. lb., \$2.40	.10	.20
Blue Shirley.....	.15	.70
Wild Rose Shirley.....	.15	.50
Flanders Field. English Field. Scarlet. lb., \$2.40	.10	.25
Salmon Pink.....	.15	.60
Somniferum fl. pl. Double Carnation-flowered, mixed.....	lb., \$1.20	.15
Umbrosom. Bright vermilion with black spots..	.10	.30
Vaughan's Special Mixture. Single.....	lb., \$3.20	.10 .30
Vaughan's Special Mixture. Double.....	lb., \$3.20	.10 .30
Vaughan's Special Mixture. Double and Single...	.10	.30

For Oriental and Nudicaule Poppies, see Perennial pages.

Passiflora Grandiflora (Passion Flower). Blue....	.50
Gracilis. Ornamental fruits, white.....	.35
Incarnata, flesh.....	.25 1.00
Eduhis, white.....	.35



PETUNIA Dwarf Giants of California

# Petunias

## Large-Flowering—Double

### Our "Double Seed" Producing Petunias

It would be impossible to describe at length the many varieties in form and color, pink, snowy white, violet, lavender, mauve, crimson, plain and shaded with variegations in all these shades.

Many of the flowers measure 5 inches across, none less than 3. They are fluted, frilled, ruffled and pinked. The combinations of colors are exceedingly strange and beautiful.

Will without doubt revolutionize the growing of double Petunias as the strain produces 75% of very large double flowers in all colors. Delicate texture—and highest percentage of germination. Flowers well set on plant. The finest strain in existence.

- .....1,000 seeds, \$1.80; 5,000 seeds for \$7.50; 1-64 oz., \$4.50
- Double Large-Flowering. Extra choice mixed. 500 seeds, 75c; 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 1-64 oz., 4.50
- Double Large-Flowering. Fringed, best mixed. 500 seeds, 75c; 1,000 seeds, \$1.25; 10,000 seeds, \$10.00; 1-64 oz., 3.00
- Lady of the Lake. Double white..... 500 seeds, 85c; 1,000 seeds, 1.50
- Double Fimbriata Rose..... 500 seeds, 85c; 1,000 seeds, \$1.50; 1-64 oz., 4.50
- Double Red .....1,000 seeds, 1.50
- Double Red and White.....1,000 seeds, 1.50
- Double Lavender ..... 500 seeds, 85c; 1,000 seeds, 1.50
- Double Violaacea. Violet.....1,000 seeds, \$1.30; 1-64 oz., 3.00
- Double Fringed Violaacea. (Royal Purple)..... 1,000 seeds, \$1.80; 500 seeds, 1.00
- Double Coerulea. Blue..... 500 seeds, \$1.00; 1,000 seeds, 1.80
- Vaughan's Special Mixt. Double extra choice. 500 seeds, 75c; 1,000 seeds, \$1.25; 10,000 seeds, \$11.00; 1-64 oz., 4.00

## Small-Flowering—Double

- Double Small Flowering. Finest mixed..1-32 oz., \$2.50; 1-16 oz., \$4.50; ½ oz., \$8.00; Trade Pkt., 1,000 seeds, 1.00
- Dwarf Inimitable. Blotched and striped..1,000 seeds, 1.00
- Rosy Morn. A beautiful double pink..... 1-32 oz., \$3.50; 5,000 seeds, \$4.00; 1,000 seeds, 1.00
- Lilliput. Rose and White.....1,000 seeds, 1.00

## Single Small-Flowered Dwarf Sorts

	Trade Pkt.	Oz.
Dwarf Inimitable. Blotched and striped ¼ oz., 40c	\$0.25	\$1.40
Alderman. Deep blue.....½ oz., 75c	.35	4.80
Blue Bird. Deep violet, extra fine...¼ oz., 60c	.35	1.80
Carmen Sylva. Baby blue, white throat, ¼ oz., 40c	.20	1.20
Carnea. Flesh .....	¼ oz., 60c	.35 2.00
Crimson, same shade as General Dodds.....	¼ oz., 60c	.35 1.80
Heavenly Blue. Silvery light blue...½ oz., \$1.00	.50	
Rosy Morn. Select stock. Pink with white throat .....	¼ oz., 70c	.50 2.40
Snowball. Dwarf white.....¼ oz., 40c	.25	1.40
Rose of Heaven. Beautiful pink.....¼ oz., 60c	.35	1.80
Norma. Blue with white star.....¼ oz., 40c	.25	1.40
Adonis. Fiery carmine, white throat ..¼ oz., 40c	.25	1.20
Vaughan's Special Dwarf Mixture. Small flowering sorts .....	¼ oz., 50c	.25 1.60

## Large-Flowering—Single

The Flowers in this Section Measure from 3 to 4 Inches in Diameter (About 1000 Seeds in Trade Packet)

	Trade pkt.	Oz.
Finest Mixed .....	¼ oz., \$5.00	\$0.50 \$18.00

### Balcony Petunias

Queen. Purple and white.....	1-32 oz., \$1.40	.50
Blue .....	1-16 oz., 50c	.25
Rose .....	1-16 oz., 50c	.25
White .....	1-16 oz., 50c	.25
Red .....	1-16 oz., 50c	.25
Star .....	1-16 oz., 50c	.25
Mixed .....	1-16 oz., 50c	.25

Royal Purple "Fringed." This is the best rich velvety purple Petunia with fringed flowers. A very choice selection..... .75

### Portland Petunias

Pride of Portland. Deep rose fringed	1-32 oz., \$1.50	.50
Scarlet Beauty. Scarlet fringed.....	1-32 oz., 1.50	.50
Elks' Pride. Plain edged, black purple.....	1-32 oz., \$1.50; ¼ oz., \$10.00	.50
White Beauty, fringed.....	1-32 oz., \$1.50	.50

Royal Purple (Vaughan's Imperial Blue). Best of all the blue Petunias. Flowers of medium size, of great substance and of the richest velvety pure blue .....	½ oz., \$4.50; 1-32 oz., \$1.25	.50
Fimbriata Coerulea .....	1,000 seeds, 50c	
Fimbriata Rosea. Fringed.....	1-32 oz., \$1.80	.50
Fimbriata Pepita. Deep carmine, blotched white..		.50
Diener's Pink Glory. A pure flame rose pink. Slightly ruffled. A compact grower and free bloomer .....	½ oz., \$7.00; 1-32 oz., \$2.00	1.00 50.00
Silvery Lilac .....		.50
Triumph Pink, fringed.....	1-32 oz., \$2.00	1.00
Venosa. Steel blue.....	1-32 oz., \$1.50	.50

## Giant-Flowered—Single

The Flowers in this Section Measure from 5 to 7 Inches Across

	Trade pkt.	Oz.
White with yellow throat.....	1-64 oz., \$1.25	\$0.50
Black Prince .....	1-32 oz., 2.00	.50
Copper Rose .....	1-64 oz., 2.00	1.00
German Empress. Lilac veined purple .....	1-64 oz., 2.00	.50
Giants of California. Mixed.....	1-16 oz., \$2.50; 1-32 oz., \$1.50	.50 \$32.00
King Alphonso. Dark crimson, fringed.....	1-64 oz., \$3.00	.50
Dwarf Giants of California. Mixed, extra choice. ....	1-32 oz., \$6.00; 1,000 seeds, \$1.00	
Fimbriata Miranda. Deep carmine, the best red .....	1-64 oz., \$1.20	.50



PETUNIA Single Small Flowered

PETUNIAS, Giant Flowered, Single—Continued	Trade pkt.	Oz.
Fluffy Ruffles. A choice mixture.....		
.....1-16 oz., \$3.00; 1-32 oz., \$1.65	\$0.50	
Princess of Wuerttemberg. Rose...1-32 oz., \$2.80	.50	
Romany Lass. Velvety blood-red with purple throat, striped in black.....10 trade pkts., \$4.00	.50	
Triumph of the Giants. Extra choice mixture, .....1-32 oz., \$2.00	.50	
Ruffled Giants. Very large ruffled flowers in the largest variety of colors.....		
..... 1/2 oz., \$7.00; 1-32 oz., \$1.80	1.00	
Ruffled Monsters...1-32 oz., \$2.50; 1-16 oz., \$4.50	1.00	
Silvery Rose.....5,000 seeds, \$4.50; 1,000 seeds	1.00	
Copper Rose with dark throat.....1-64 oz., \$2.00	1.00	
Copper Rose with white throat.....	1.00	
Vaughan's Best Mixture of large flowering single sorts. This mixture is made up by ourselves from all the best single Petunias and will give most satisfactory results. 1-16 oz., \$3.00; 1-32 oz., \$1.60	.50	\$42.00

Single Small-Flowered Sorts

Alba. White .....	.15	.80
Blotched and Striped (Inimitable).....	.20	1.00
Countess of Ellesmere. Pink with white throat	.15	.80
General Dodds. Blood-red.....1/4 oz., 40c	.25	1.20
Howard's Star.....1/4 oz., 40c	.25	1.40
Howard's Star, Improved.....1/4 oz., 70c	.35	2.50
Lord Courtenay. Brilliant rose, yellow throat, extra .....	1/4 oz., 40c	.25
Venosa. Light red, veined.....	.20	1.00
DeLuxe Mixture .....	1/4 oz., 50c	.25 1.80
Finest Mixed .....	1 lb., \$10.00	.15 .80
Good mixed .....	1 lb., \$6.00	.15 .50

Portulaca

Single large-flowering sorts, mixed...1 lb., \$5.00..	.10	.50
White, Yellow, Scarlet and Pink, each.....	.20	1.00
Parana. Large-flowering, rosy carmine.1 lb., \$12.00	.20	1.00
Double sorts, finest mixed.....	.25	2.00
White, Pink, Scarlet, Yellow, each..1/2 oz., 50c	.25	

One of our Ohio Customers write: Dec. 28, 1927.  
Last year we sowed \$30.00 worth of your Petunia seed and sold over \$800.00 worth of plants. Now we enclose our list for this year because we want absolutely the same high germinating quality. Please rush the order.

Phlox Drummondii Grandiflora

Alba, white.	Coerulea Striata, blue striped.
Alba Oculata, white with dark eye.	Isabellina, yellow.
Atropurpurea Alba Oculata, dark purple with white eye.	Kermesina Splendens, crimson.
Brilliant rose with dark eye.	Leopoldii, pink with white eye.
Chamois Rose.	Violet with white eye.
Cream.	Rosea, pink.
Carnea, flesh.	Striped, mixed.
Atropurpurea, black-brown.	Scarlet.
	Stellata Splendens, scarlet with white eye.
Each of above, trade pkt., 20c; 1/4 oz., 30c; oz., \$1.00.	
Violet Blue. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40.	
	Trade pkt. Oz.
Best large-flowering. Mixed. 1 lb., \$8.00; 1/4 oz., 25c..	\$0.15 \$0.80
Cuspidata Alba, White star	Rosea, Rose star
Coccinea, Red star	Violacea, Violet star
Salmonea, Salmon star	Trade pkt. Oz.
Each of above.....	\$0.25
Cuspidata mixed (Star of Quedlinburg).....	.25 \$1.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others. 1/4 oz., 45c	.25 1.60
Nana Compacta (Dwarf). Snowball....1/4 oz., 60c	.35 2.00
Apricot yellow .....	1/4 oz., 80c .35 3.00
Fireball .....	1/4 oz., 60c .35 2.00
Isabellina yellow .....	1/4 oz., 65c .35 2.40
Chamois .....	1/4 oz., 60c .35 2.20
Mirabilis. Salmon pink with white eye.1/4 oz., 70c	.35 2.60
Sky Blue with eye, fine for edging...1/4 oz., 60c	.35 2.20
Violet .....	1/4 oz., 65c .35 2.40
Mixed .....	1/4 oz., 50c .25 1.80
Cecily Mixed, Large fig.....	1/4 oz., 60c .35 2.00



PHLOX DRUMMONDI

Upper part: Cuspidata or Star Phlox; Lower part, Grandiflora

# Vaughan's Giant Pansies

## VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Mammoth Exhibition, Non Plus Ultra, Giant Cassier—all 3 and 5 spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade Pkt., 50c; 1/4 oz., \$1.25; 1/2 oz., \$4.00; 1 oz., \$8.00; 1 lb., \$100.00.

## VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Bugnot, Cassier, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., 50c; 1/8 oz., 75c; oz., \$5.00; 1/4 lb., \$18.00; lb., \$60.00.

## NEW EARLY FLOWERING GIANT PANSIES (Hiemalis)

- Yellow, with dark eye. Mars, cornflower-blue.
  - Dark Blue. North Pole, pure white
  - Light Blue. Helios, pure yellow.
  - Ice King, white with black eye. Snowstorm, pure white.
  - Jupiter, dark purple violet. Wodan, black.
- Each of the above. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60.  
 Early Flowering Giant, Mixed. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40; lb., \$16.00.

**Triumph of the Giants.** A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; 1/4 oz., \$1.35; oz., \$5.00.

## MAMMOTH EXHIBITION

Sturdy grower, has short habit and large leaves. The flowers are round, solid, of gigantic size and most beautiful color combinations. Trade pkt., 50c; 1/4 oz., \$1.50; oz., \$5.00.

## MASTODON Private Stock

A mixture of pansies grown by an American specialist. Seed grown from originator's stock. Trade pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$7.00; 4 oz., \$25.00.



TYPE OF OUR PANSIES

## SWISS GIANT MIXTURE

The flowers of this new strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of this strain, however, are the wonderful colors and color combinations—very rare and entirely new—never before seen in Pansies, salmons, pinks, reds. All flowers are 3 or 5 blotched. There are no self colors such as white, yellow and blue in this mixture. We recommend this strain unreservedly. Trade pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.50; oz., \$16.00.

	Trade pkt.	1/4 Oz.	Oz.
Adonis, light blue white center.....	\$0.25	\$0.50	\$1.60
Apricot, small flowering.....	.35	.85	3.00
Auricula Colors, metallic shades .....	.25	.50	1.80
Anrora, pure white without blotches.....	.25	.40	1.40
Aznre Blue .....	.25	.50	1.60
Beaconsfield, light lavender and rich purple	.25	.45	1.60
Black, large, true black.....	.25	.45	1.60
Bridesmaid, shades of white, shining rose..	.25	.60	2.00
Bugnot, shades of red, bronze and cardinal.	.35	.80	3.00
Boulogne, Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3- and 5-blotched, delicately veined, rich colors..	1.00	6.50	24.00
Cardinal, brilliant red .....	.25	.60	2.20
Cassier, 3- and 5-spotted .....	.25	.70	2.60
Cecily, flowers steel blue with white border and small dark central spots.....	.35	.65	2.40
Comet, porcelain-white, lower petals with light blue rays .....	.35	.60	2.20
Emperor Francis Joseph, white, violet spots	.35	.65	2.40
Emperor William, dark navy blue.....	.25	.45	1.60
Eros, purple, yellow border.....	.25	.45	...
Fry Faces, red with black blotches.....	.25	.45	1.60
Frya, violet purple, silver edged.....	.25	.60	2.00
Golden Queen, clear golden-yellow.....	.25	.45	1.60
Goliath Golden Queen .....	.35	.65	2.40
Indigo King, indigo blue .....	.25	.50	1.80
Light Blue, without eye, darker center.....	.25	.50	1.60
Madame Perret, shades of pink and rose....	.25	.50	1.80
Mauve Queen, rosy lilac.....	.25	.55	2.00
Mercury, deep purple red.....	.25	.60	2.20
Masterpiece—Giant Curled or Spencer. The colors are superb, mostly red and brown shades. ....	.35	.80	3.00

	Trade pkt.	1/4 Oz.	Oz.
Masterpiece. Blue Domino, purplish black light blue .....	\$0.50	\$0.85	\$3.00
Canary Yellow, yellow black eye.....	.35	.70	2.60
Volcano, dark red, blotched.....	.25	.80	3.00
Orchid-Flowered, mixed, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge .....	.25	.60	2.00
Orchid Flowered Mammoth, greenish-yellow shades, with large purple blotches.....	.25	.60	2.00
Parisian Striped .....	.25	.50	1.80
Paris Market, an improved strain of Trimar-deau mixed .....	1 lb., \$16.00	.25	.40 1.40
Pheasant's Eye, sky-blue edged, violet.....	.25	.50	1.80
Pink, lovely shades of pink, same as Hy-drangea .....	.25	.60	2.00
President Carnot, five-blotched white.....	.25	.60	2.00
President McKinley, five-blotched yellow...	.25	.70	2.60
Prince Bismarck, bronze and light brown..	.25	.45	1.60
Prince Henry, darkest blue.....	.25	.45	1.60
Purple, very large, rich deep purple.....	.25	.45	1.60
Purple King, bright purple red with dark spots .....	.25	.55	2.00
Ruby Red, purplish red shades.....	.25	.60	2.00
St. Knud, giant orange flowers.....	.25	.75	2.80
Striped, mahogany striped and flaked white	.25	.50	1.60
Trimardean, mixed, many colors. 1 lb., \$14.00 ...	.35	1.20	
Victoria, vivid red .....	.25	.80	3.00
Violet Blue, a very pleasing shade.....	.25	.50	1.60
White, with dark eye, very large.....	.25	.45	1.60
Yellow, with dark eye, immense flowers...	.25	.45	1.60



PRIMULA Obconica Grandiflora

### Primula—Chinese Giant

Trade Pkt. of any of the following, 250 seeds each, 50c; 3 for \$1.40.

- Covent Garden. White.
- Chiswick Red. Improved red.
- Queen Alexandra. The largest giant white.
- Giant Pink. Extremely large petals of great substance.
- Giant Salmon. Massive heads of flowers of great substance.
- Giant Emperor. Terra-cotta shade.
- King George. Beautifully fringed crimson.
- Crimson King. Deep, rich crimson, with dark brown eye.
- Ruby Queen. Fiery, intense scarlet, with bright yellow eye.
- Queen Mary. Rose pink.
- True Blue.
- Giant Mixed. Includes this year a number of new shades.
- Vaughan's International Mixture. This mixture is composed of the most salable colors of single flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade pkt. of 250 seeds, 50c; 3 for \$1.40; 1-16 oz., \$4.00.

### Primula Obconica

Each of the following, except where noted, Trade Packet of about 1,000 seeds, 50c.

- GRANDIFLORA Appleblossom. Light pink. 1-64 oz., \$1.50.
- Coerulea. Sky-blue.
- Fire Queen. Brilliant salmon-carmine, very free blooming, medium size flower. 1-64 oz., \$1.65.
- Crimson. Brilliant dark carmine red. 1-64 oz., \$1.65.
- Hamburger Rose. 1-64 oz., \$1.50.
- Mueller Rose. Berliner strain. Trade pkt., \$1.00; 1-64 oz., \$2.40.
- Mohnstein Atrosanguinea. Trade pkt., \$1.00; 1-64 oz., \$2.00.
- Salmonea. Salmon color.
- Rosea, 1-64 oz., \$1.50.
- Mixed, the above and others. 1-32 oz., \$1.00.
- GIGANTEA Appleblossom. Beautiful soft pink. 1-64 oz., \$1.50.
- Kermesina. Brilliant carmine. Tr. pkt., \$1.00; 1-64 oz., \$2.00.
- Rosea. Clear rose. 1-64 oz., \$1.65; 1-16 oz., \$6.00.
- Salmon Queen. Trade pkt., \$1.00; 1-64 oz., \$3.00.
- Mixed, the above and others. 1-64 oz., \$1.50.

- Perilla Nankinensis. Valuable foliage plant resembling coleus; dark mulberry colored leaves, does well in cities, smoke and gas do not affect it. Used largely in Chicago Parks and in St. Mary's of the Lake Seminary, Mundelein, Ill. ....lb., \$2.40..\$0.10 \$0.20
- Macrophylla Crispa Compacta ..... .15 .50
- Phacelia Tanacetifolia. Blue..... .10 .30
- Campanularia ..... .15 .80
- Pheasant's Eye Pink. See Dianthus Plumarius in Perennial pages.



### Ornamental Pomegranate

A New Christmas Plant

The seeds should be planted in January or February in flats in the greenhouse and when they are of suitable size to pick off, they should be planted in 2-inch pots and a little later in 4-inch pots where they will get established. As soon as the weather warms up sufficiently, they could be shifted to cold frames in the full rays of the sun and brought back into a forcing temperature about the last week in August and "forced" in a temperature of 60 to 65 degrees for the Christmas trade. They come into flower early, but the first flowers should be kept "nipped" until well on in September when they will begin to take on a general crop which will make them salable in December and for several months following. 200 seeds, \$1.00; 1,000 seeds, \$4.50.

### Primula—Various Sorts

	Trade pkt.	Oz.
Malacoides. An improved Forbesi.... 1/8 oz., \$1.00	\$0.50	
Alba .....	.50	
Rosea Superba .....	1-16 oz., \$1.00	.50
Pink Beauty .....		1.00
Forbesi (Baby Primrose).....	1-16 oz., \$1.00	.50
Eureka Salmon Pink. Flowers, a most beautiful shade of salmon pink, carried well above the foliage, on long stiff stems. Per pkt. (1,000 seeds) .....		1.00
Kewensis. Yellow .....		.50
Veris. See Hardy Perennials.		
Pyrethrum Parthenifolium Aureum (Golden Feather) .....	.10	\$0.40
Selaginoides. Fern-leaved .....	.15	.60
Rhodanthe. Mixed, splendid everlastings.....	.10	.50
Manglesi. Rose .....	1b., \$6.00	.10 .60
Maculata Alba .....	1b., 6.00	.10 .60
Rosea .....	1b., 6.00	.10 .60

### Ricinus (Castor Beans)

Zanzibarensis. Mixed .....	1b., \$1.50	.15
Zanzibarensis Enormis .....	1b., 2.00	.10 .20
Borboniensis Arboreus. Green foliage.....	1b., 1.20	.15
Sanguineus. Green leaved, red stems.....	1b., 1.00	.10
Cambodgensis. Very dark.....	1b., 1.60	.15
Crimson Spire. New.....	1b., 4.00	.15 .50
Gibsoni. Mulberry colored foliage.....	1b., 1.80	.10 .20
Panormitanus. Bronze lvd., blue stems.....	1b., 2.00	.10 .20
Mixed. Many kinds.....	1b., 1.00	.10



SALVIA Splendens, Fireball

		Trade pkt.	Oz.
Rosa Polyantha Nana.....	\$0.20		\$0.80
Rudbeckia Bicolor Superba. Large.....	.10		.40
Bicolor Superba, semi-plena.....	.15		.80
Saintpaulia Ionantha. Charming deep blue flowering pot plant which blossoms in uninterrupted succession .....			1.00

### Salpiglossis

This family is illustrated in colors on the front cover of our 1928 Illustrated Catalog.

Large-Flowering. Mixed extra choice.....	.15		.60
Superbissima (Emperor). Crimson.....	.20		1.20
Brown and Gold.....	.20		1.20
Faust. Black .....	.20		1.20
Velvety Violet .....	.20		1.20
Violet and Gold.....	.20		1.20
Velvety Red .....	.25		1.40
Purple and Gold.....	.20		1.20
Rose and Gold.....	.20		1.20
Scarlet and Gold.....	.20		1.20
White and Gold.....	.20		1.20
Golden Yellow .....	.20		1.20
Light Blue and Gold.....	.20		1.20
Emperor. Mixed, very fine.....	.20		1.00
Gloxiniæflora. Mixed .....	¼ oz., 35c	.20	1.20
Vaughan's Special Mixture.....	¼ oz., 35c	.20	1.20

### Salvia

Splendens (Scarlet Sage).....	lb., \$22.00	.35	1.80
America. The best red.....	¼ oz., 90c	.50	3.00
Clara Bedman or Bonfire.....	lb., \$24.00; ¼ oz., 60c	.35	2.00
Drooping Spikes. Very fine.....	¼ oz., 65c	.35	2.20
Fireball. Dwarf.....	lb., \$28.00; ¼ oz., 70c	.35	2.40
Harbinger. Early .....		.50	4.00
Maroon Prince .....		.35	2.40
Magnifica Rosea .....		.50	4.00
Zurich Dwarf .....	lb., \$32.00; ¼ oz., 70c	.50	2.40

Salvia Coccinea. Scarlet, annual.....	.15	.50
Sclarea Hormium violacea.....	.15	.50
Farinacea. Blue .....	.35	2.60

See also Perennial pages.

Sanvitalia Procumbens fl. pl. Double yellow, dwarf .....	.15	.80
Saponaria Multiflora (Calabrica). Red.....	.10	.40
Vaccaria Rose. Incorrectly spoken of as Pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion .....	lb., \$2.40	.30
Vaccaria Alba. White.....	lb., 2.40	.30

### Scabiosa

		Trade pkt.	Oz.
Ageratum Blue. Fine midblue.....	\$0.15		\$0.60
Azure Fairy. A splendid cut flower.....	.15		.50
Black Prince .....	.15		.50
Cherry Red .....	.15		.50
Fiery Scarlet .....	.15		.50
Flesh .....	.15		.50
Peachblossom. A beautiful shade, very large size flowers .....	.25		1.00
Rose .....	.15		.50
Shasta. Pure white of enormous size.....	.25		1.00
Snowball. Double white.....	.15		.60
Sulphur Yellow .....	.15		.50
Large-Flowering, Double Tall mixed.....	.10		.40
Vaughan's Special Mixture.....	.15		.60

Schizanthus Wisetonensis Mixed.....	.15	.80	
Wisetonensis Roseus .....	¼ oz., 50c	.35	
Rose and Amber Shades.....	¼ oz., 50c	.35	
Clybrin's Gold Medal Large Flowering Hybrids. A grand strain producing large flowers with handsome markings on white, buff, brilliant rose, blue or purple ground.....	¼ oz., 40c	.25	1.40
Vaughan's Excelsior Hybrids.....	1.00		
Mixed .....	.10	.30	
Senecio Elegans fl. pl. Red.....	.35	2.40	
Elegans fl. pl. Lilac blue.....	.35	2.40	
White fl. pl.....	.35	2.40	
Mixed .....	.35	2.00	
Sensitive Plant (Mimosa Pudica).....	.15	.45	
Shamrock .....	lb., \$8.00	.15	.80
Silene Armeria (Catchfly). Mixed .....	.10	.25	
Smilax .....	lb., \$6.00	.15	.50
Snapdragon. See Antirrhinum.			
Solanum Capicastrum nanum.....	.15	.60	
Christmas (Chameleon) .....	¼ oz., 40c	.25	1.40
Clevelandi .....	¼ oz., 50c	.25	1.60
Statice Sinuata. True blue, fine cut-flower.....	lb., 4.40	.10	.40
Sinuata. White .....	lb., 4.00	.10	.40
Rosea Superba .....	lb., 5.00	.10	.50
Bonduelli. Golden yellow.....	lb., 4.00	.10	.40
Suworowii. Russian or Rat tail. Flowers bright rose color .....	lb., \$12.00	.25	1.20
Stevia Serrata. White, fine cut-flower.....	¼ oz., 40c	.25	1.40



SCHIZANTHUS—Vaughan's Excelsior Hybrids





STOCKS Bismarck

## Stocks

### GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Appleblossom	Gold Ball		
Chamois	Lavender (Queen of Belgians)		
Dark Blue	Lilac		
Fiery Blood-Red	Rose		
Flesh	White	Trade pkt.	Oz.
Each of the above.....	1/8 oz., 50c	\$0.35	\$3.00
Giant Bismarck. Mixed, all colors.....	1/4 oz., 60c	.35	2.20
Golden Rose .....	1/8 oz., \$1.00	.50	
Antique Copper .....	1/8 oz., \$1.00	.50	

### GIANT PERFECTION—Cut and Come Again

Canary	Sky Blue (May Queen)		
LaFrance (Flesh)	Rose		
Sapphire (Dark Blue)	White (Princess Alice)		
Scarlet		Trade pkt.	Oz.
Each of the above.....	1/8 oz., 35c	\$0.25	\$2.20
Heatham Beauty. Rose shaded terra cotta,			
.....	1/8 oz., 35c	.25	2.40
Snowdrift. New early pure white.....	1/8 oz., 35c	.25	2.40
Giant Perfection. Mixed, all colors.....	1/4 oz., 50c	.25	1.80

### BEAUTY OF NICE—Early, Large-Flowering, Winter

		Trade pkt.	Oz.
American Beauty .....	1/8 oz., 35c	\$0.25	\$2.40
Abundance. Soft carmine rose.....	1/8 oz., 35c	.25	2.40
Aurora. Golden buff suffused with rose.....	1/8 oz., 35c	.25	2.40
*Belle of Naples. Old rose salmon.....	1/8 oz., 35c	.25	2.40
Cote d'Azur. Light blue.....	1/8 oz., 35c	.25	2.40
Empress Augusta Victoria. Silvery lilac.....	1/8 oz., 35c	.25	2.20
Monte Carlo. Yellow.....	1/8 oz., 35c	.25	2.40
Mont Blanc. White.....	1/8 oz., 35c	.25	2.40
Pink .....	1/8 oz., 35c	.25	2.40
Souv. de Monaco. Crimson.....	1/8 oz., 35c	.25	2.40
Summer Night. Dark blue.....	1/8 oz., 35c	.25	2.40
Mixed .....	1/4 oz., 50c	.25	1.80

\*Mr. Koch, head florist of Garfield Park, Chicago, considers this the most attractive color in this type.

### STOCKS—Continued

#### DWARF LARGE-FLOWERING TEN WEEKS

Blood Red	Dark Blue	Light Blue
Bright Pink	Deep Rose	Mauve (Water-blue)
Canary Yellow	Flesh	White
Each of above, tr. pkt., 25c; 1/8 oz., 40c; 1/4 oz., 60c; oz., \$2.20.		
Dwarf Large Flowering, 10 weeks, mixed, all colors. Extra choice, tr. pkt., 25c; 1/8 oz., 35c; 1/4 oz., 50c; oz., \$1.80.		

#### EMPEROR OR WINTER

		Trade pkt.	Oz.
Empress Elizabeth. Brill'nt carmine rose, 1/8 oz., 50c		\$0.35	\$3.60
Large-Flowering Winter, White Lady, 1/4 oz., \$1.00		.50	

**Streptocarpus.** Large Flowering Hybrids.—Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. They are easily grown. Sow seed in January or February; plants will bloom in July.....1-64 oz., \$2.00 1.00

## Sunflower

Miniature Sunflower (Cucumerifolius)...	lb., \$4.00	.10	.40
Cucumerifolius Stella.....		.10	.40
Orion .....		.10	.40
Double Hybrids .....		.15	.50
Purpureus .....		.15	.50
Lilliput .....		.10	.40
Vaughan's Special Mixture.....		.15	.50
Annus Purpureus (Red Sunflower).....		.10	.40
Intermediate Sanguineus Excelsior.....		.15	.50
Argyphyllus (Silver-leaved) .....			.20
Californicus fl. pl. Double Californian.....		.10	.20
Globosus Fistulosus fl. pl. Fine double.....			.20
Double Dwarf (Nanus fl. pl.).....		.10	.25
Double Chrysanthemum—Flowered.....	lb., \$2.40	.10	.25

**Thunbergia.** Mixed.....lb., \$7.00 .15 .80

**Torenia Fournieri.** Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip.....1/8 oz., 50c .25 3.00  
 White Wings .....

.....1/8 oz., 50c .25 3.00  
 Bailloni. Yellow with brown..... .35

**Trachelium Coeruleum.** Free growing annual having large cloudlike heads of tiny blue flowers resembling Gypsophila. Height, 18 in. pot plant.....1/8 oz., 60c .35

**Viscaria.** Mixed..... .10 .40

Nana compacta oculata. Mixed..... .15 .80

Cardinalis. Bright carmine..... .10 .40



STREPTOCARPUS—Large Flowering Hybrids



# Sweet Peas

## Early-Flowering—Spencer Varieties

4 ozs. and upward of one variety supplied at pound rate. Less than 4 ozs. at oz. rate.

	Oz.	Lb.
All-White. An early King White and the best white seeded up to date.....	\$0.40	\$4.80
Amethyst. An early-flowering "Royal Purple"....	.40	5.00
Asta Ohn. Lavender .....	.40	5.00
Aurora. Striped or flaked orange scarlet on a white ground. A bunch resembles a cluster of wild apple blossoms or the flowers of some of the Azaleas .....	.50	6.00
Aviator. Scarlet .....	.40	4.80
Blue Bird. A magnificent violet-blue.....	.40	5.00
Burpee's Orange. Glistening orange.....	.65	8.00
Chevalier. Magnificent new cerise rose.....	.50	6.00
Columbia. The best pink and white.....	.40	4.80
Cream. It has immense blossoms, very frilled....	.40	4.80
Eldorado. Pure orange-salmon.....	1.20	16.00
Enchantress. Bright rose-pink.....	.40	4.80
Fair Maid. A blush pink, suffused salmon on a white ground .....	.40	4.80
Flamingo. Large orange and rose.....	.40	4.80
Glitters. Standard bright fiery orange, wings deep orange .....	.40	4.80
Gorgeous. Salmon-rose .....	.40	4.80
Grenadier. A glowing poppy-scarlet.....	.60	7.00
Harmony. Lavender .....	.50	5.00
Heather Belle. Mauve.....	.40	4.80
Hercules. Pink, extra large flower.....	.40	4.80
Irene. An early Lavender Geo. Herbert.....	.40	4.80
Lavender King. Lavender.....	.40	4.80

	Oz.	Lb.
Liberty. A very good early red.....	\$0.40	\$4.80
Madonna. Best black-seeded white to date.....	.50	5.40
Miss Louise Gude. Brilliant pink.....	.50	6.00
Miss Spokane. Peach-red. Wings bright scarlet..	.50	5.40
Mrs. Chas. A. Zvolanek. Clear lavender.....	.40	4.80
Mrs. A. A. Skaach. Flowers bright shell-pink....	.40	4.80
Mrs. M. Spanolin. Black-seeded white.....	.40	4.80
Mrs. W. G. Harding. Pale lavender .....	.65	8.00
Mrs. Kerr. Salmon .....	.65	8.00
Pink and White. Improved.....	.40	4.80
Rose Queen. Rose-pink.....	.40	4.80
Rose Dore. Rose-pink, suffused orange.....	.40	4.80
Songster. Lavender .....	.40	4.80
Snowflake. White .....	.40	4.80
Snowstorm Improved. A vigorous grower, flowers large, white, of great substance.....	.40	5.00
Starlight. Clear lavender-blue.....	.40	4.80
The Beauty. Fiery dark rose.....	.40	4.80
Torch. Salmon-rose .....	.40	4.80
Yarrowa. Rose, changing light pink, standard tinted buff .....	.40	4.80
Zvolanek's Blue Sensation. A new blue.....	.40	4.80
Zvolanek's Lavender .....	.40	4.80
Zvolanek's Rose. A giant rose-pink; the best of its color to sow for spring blooming to follow the mums .....	.50	5.00
Zvolanek's Orange .....	.50	5.00
Early-Flowering Spencers. Mixed, many kinds....	.30	3.20
Early-Flowering Spencer, Vaughan's Special Mixture	.50	6.00

## Early Flowering—Spencer Novelties

We especially recommend these for trial for comparison with older varieties.

	Oz.	Lb.
Ball's Rose. A bright dark rose with amber flush .....	4 oz., \$4.50	\$1.20 \$15.00
Ball's Blue. Clear blue, good bloomer. 4 oz., \$4.50	1.20	15.00
Blue Boy. Largest and clearest blue.....	.50	6.00
Edward Zvolanek. Large lavender.....	.40	4.80
Flambeau. Orange-salmon .....	.40	4.80
Giant Rose. Improved Zvolanek's rose, 4 oz., \$6.50	1.80	24.00
Illumination. Salmon cerise .....	.50	5.00
Imperial Pink. Clear pink, enormous size. ....	4 oz., \$6.50	1.80 24.00
Jeanne Mamitsch. Striking pink, shading off to deepest pink .....	.90	12.00
Morse's Superior Pink. Beautiful clear rose-pink, very slightly shaded with salmon, 1/4 lb., \$3.50	1.00	12.00
Mrs. Calvin Coolidge. Salmony pink.. 1/4 oz., \$0.50	1.50	18.00
New Blue. New deep blue.....	.65	8.00
Orange King. It is a beautiful glowing orange and practically sunproof.....	4 oz., \$4.50	1.20 16.00
Pink Cherokee. A fine pink suffused with salmon on a deep cream ground.....	.65	8.00
Sweet Lavender. A pure lavender self, of enormous size, beautifully frilled.....	.60	8.00
Vulcan. The color is the most vivid scarlet; never burns in the hottest sunshine.....	.50	6.00

	Oz.	Lb.
White Harmony. The best black seeded white early flowering .....		\$1.40

Book: "Better Sweet Peas," by Geo. J. Ball, for 75c per copy.



MORSE'S SUPERIOR PINK SWEET PEAS



# Sweet Peas

## Summer Flowering—Spencer Varieties

4 ozs. and upward of one variety supplied at pound rate. Less than 4 ozs. at oz. rate.



	Oz.	Lb.
Appleblossom. Rose with primrose.....	\$0.15	\$1.60
Asta Ohn. A soft pinkish lavender self.....	.15	1.80
Austin Frederick Improved. Lavender.....	.15	1.80
Barbara. Salmon .....	.20	2.00
Blanche Ferry. Rose standard and white wings..	.15	1.80
Colne Valley. Lavender blue .....	.20	2.00
Commander Godsall. Violet blue.....	.20	2.00
Constance Hinton. Black seeded white.....	.20	1.80
Crimson King. Rich deep clear crimson. Best of all reds .....	.20	2.00
Defiance. Large orange scarlet.....	.20	2.20
Dobbie's Cream. Cream .....	.15	1.80
Dobbie's Lavender George Herbert. Pure lavender	.15	1.80
Edna May Improved. Pure white.....	.15	1.80
Elfrida Pearson. Large pale pink, the buds and young flowers having a distinct tint or buff....	.15	1.80
Fiery Cross. Intense orange scarlet.....	.20	2.00
Flora Norton. Light blue .....	.15	1.60
Florence Nightingale. Lavender .....	.15	1.60
George Herbert. Rose carmine.....	.15	1.60
George Shawyer. Salmon rose.....	.15	1.80
Giant Attraction. Fawn pink on cream ground...	.15	1.80

	Oz.	Lb.
Giant White .....	\$0.15	\$1.80
Gladys. Lilac self.....	.15	1.60
Golden Glory. Glowing orange.....	.20	2.00
Hawlmart. Pink. The finest pink Sweet Peas....	.15	1.80
Hawlmart. Salmon Pink .....	.15	1.80
Heavenly Blue .....	.50	4.00
Hebe. Bright pink .....	.15	1.80
Hercules. A pale rosy pink flower of giant size..	.15	1.80
Illuminator. Rich salmon pink.....	.20	2.00
Jack Cornwell. Dark violet.....	.15	1.80
Jean Ireland. Cream colored edged with pink....	.15	1.80
King Edward VII. The best pure red Spencer....	.15	1.60
King Manoel. Chocolate maroon.....	.15	1.80
King White. Gigantic flowers of pure white.....	.15	1.80
Majestic Cream .....	.15	1.80
Margaret Madison. A beautiful azure blue.....	.15	1.80
Masterpiece. Lavender .....	.15	1.80
Mary Pickford. Dainty cream pink suffused salmon .....	.40	4.00
Miss California. Orange salmon and cream pink..	.20	2.00
Mrs. Cuthbertson. Standard rose-pink, wings nearly white .....	.15	1.60
Mrs. Tom Jones. Bright blue .....	.15	1.80
New Buttercup. Best yellow .....	.15	1.80
New Miriam Beaver. Salmon pink.....	.15	1.60
Picture. Flesh pink with creamy apricot.....	.15	1.80
Power's Court. Lavender .....	.15	1.80
President Harding. Peach red or salmon cerise suffused orange .....	.20	2.00
R. F. Felton. Lilac standard, gray wings.....	.15	1.80
Rosabelle. A very fine large rose-colored flower..	.15	1.80
Royal Purple. Rich purple.....	.15	1.60
Royal Scot. Brilliant scarlet.....	.15	1.80
Royal Salute. Deep cerise.....	.15	1.80
Snowball. New white .....	.80	10.00
Tangerine .....	.20	2.20
The Cardinal. Brilliant poppy scarlet.....	.20	2.00
The President. Glowing scarlet self.....	.15	1.80
Valentine. Blush pink.....	.15	1.80
Warrior. A fine maroon.....	.15	1.80
Wedgewood. A lovely self blue.....	.15	1.60
Youth. Exquisite shell pink picotee edge on a pure white ground.....	.20	2.00
Vaughan's Special Mixture of Spencer Varieties, made up mostly from separate varieties.....	10 lbs., \$14.00	.20 1.60
Vaughan's Florist's Mixture of Spencer Varieties. This is a mixture made by ourselves mostly of light-colored varieties, most suitable for florists' cut flower trade.....	.20	2.40
Spencer Hybrids in splendid mixture. 10 lbs., \$8.00	.15	1.00

### SWEET PEAS IN MIXTURE

Vaughan's Prize Mixture. This mixture contains the cream of the new and standard sorts, including many Spencer varieties, 10 lbs., \$10.00	.15	1.20
Eckford Mixture. This mixture contains over thirty varieties, including some of the novelties for 1927 and other choice sorts.....	10 lbs., \$5.00	.10 .60



VERBENA Gigantea

## Verbena

	Trade	pkt.	Oz.
Mammoth. Mixed	¼ oz., 35c	\$0.25	\$1.20
White. Extra choice	¼ oz., 30c	.20	1.00
Purple shades	¼ oz., 35c	.25	1.20
Pink and rose shades	¼ oz., 35c	.25	1.20
Dark blue	¼ oz., 30c	.20	1.00
Blue shades	¼ oz., 35c	.25	1.20
Defiance. Brilliant scarlet, true	¼ oz., 35c	.25	1.25
Firefly. Brilliant scarlet, white eye	¼ oz., 35c	.25	1.20
Lucifer. Brilliant red, an improved Defiance	¼ oz., 40c	.25	1.40

## Verbena—Continued

	Trade	pkt.	Oz.
Mayflower. Pink	¼ oz., 45c	\$0.25	\$1.60
Lutea. Yellow	¼ oz., 35c	.25	1.20
Purple Mantle	¼ oz., 35c	.25	1.20
Striped	¼ oz., 30c	.20	1.00

### New Sorts Selected from the Gigantea Type

Gigantea Alba. Very large, pure white	¼ oz., 50c	.25	1.60
Coccinea. Scarlet	¼ oz., 50c	.25	1.60
Luminosa. Luminous flame-pink toning to softer shades of salmon flesh and coral	¼ oz., 50c	.25	1.60
Lucifer red	¼ oz., 50c	.25	1.60
Rosea Stellata. Pink, white eye	¼ oz., 50c	.25	1.60
Rose Cardinal. Bright red	¼ oz., 50c	.25	1.60
Violaeca Stellata. Violet, white eye	¼ oz., 50c	.25	1.60
Gigantea. Mixed	¼ oz., 40c	.25	1.40

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the Gigantea, the best European introductions of last year, all grown separately, and mixed in the right proportion.  
Trade Pkt., 25c; ¼ oz., 50c; oz., \$2.00; 2 oz., \$3.50.

### Various Sorts

	Trade	pkt.	Oz.
Venosa. Heliotrope blue fine for bedding when combined with alyssum; used extensively in the Chicago Parks	¼ oz., 40c	\$0.25	\$1.40
Erinoides (Moss Verbena). Purple	¼ oz., 35c	.25	1.20
White		.25	
Lemon (Citriodora)	¼ oz., 85c	.25	

## Vinca

Rosea Pink	1 lb., \$8.00; ¼ oz., 25c	.15	.80
Fl. Albo Oculata. White with pink eye	1 lb., \$8.00	.15	.80
Alba Pura. Pure white	¼ oz., 25c	.15	.80
Delicata. Soft pink (new)	1 lb., \$8.00	.15	.80
Mixed	¼ oz., 25c	.15	.80
Virginia Stocks. Mixed. A splendid edging plant	1 lb., \$2.00		.20
Whitflavia Gloxinoides. Blue. A good cut flower		.15	.50
Xeranthemum. Double mixed	1 lb., \$5.00	.15	.60
Zea Japonica (Variegated Corn)	1 lb., \$1.80	.10	.20
Japonica Quadricolor Perfecta	1 lb., \$1.80	.10	.20

# Some Flower Seed Specialties

### AGERATUM

**Blue Ball.** New deep, dark blue. The plant is dwarf and symmetrical in shape and when in full bloom the foliage is literally covered with small flowers giving the appearance of a closely formed blue ball. Comes true from seed. Trade pkt., 25c; oz., \$1.00.

### CELOSIA (Cockscomb)

**Parrot's Feather.** The plants are stocky in growth, the main stem and each branch being terminated by the most lovely plumes, as gracefully airy and fluffy as the finest ostrich plume. The colors are truly marvelous; most of them have a silvery appearance varying from the most lovely shades of silvery pink, silvery salmon to red, deep red, bright yellow and orange. Many of the plumes are terminated or crowned with cockscombs of varied and fantastic shapes, of texture like the finest velvet plush. Trade pkt., 50c; ½ oz., \$1.00.

### FORGET-ME-NOT

**Indigo Blue Bouquet.** A compact upright grower of the pillar or column type, completely smothered with attractive flowers of dark blue. Trade pkt., 25c; ¼ oz., 40c; oz., \$1.20.

**Pink Bouquet.** A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Trade pkt., 25c; ¼ oz., 60c.

### GILIA

**Capitata (Blue Thimble Flower).** 2 ft. Beautiful bushy plant of erect habit with fine feathery foliage covered all summer with rich lavender-blue flowers, 1 inch across, much like Scabiosa. Makes a good cut flower as the blooms last well in water. May also be used as everlasting, as the flowers retain their beautiful color when dried. Trade pkt., 10c; oz., 30c

### IPOMOEA

**Early Flowering Heavenly Blue.** The flowers measure from 3½ to 4 in. across and in color they are the very darkest sky-blue with a white throat. They are profuse bloomers and during a long season the vines are a mass of baby-blue blossoms. Rank growers and the roots should be confined. Trade pkt., 20c; oz., \$1.20.

### ANNUAL LARKSPUR

**Improved Giant Hyacinth Flowered.** A very handsome flower which must not be confused with the old type of Hyacinth flowered Larkspur. The plants grow in one big spike, broad at the base and tapering to a point at the top, resembling the best of the English type of perennial Delphinium (Larkspur). Blue, Lilac, Pink, Purple, White.  
Each of above: Trade pkt., 35c; oz., 85c; 1 lb., \$10.00.

### PENTSTEMON

**Sensation.** 2 ft. Although this is a perennial it can easily be grown as an annual. If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome gloxinia-like flowers. Often 2 in. across and in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. This will make a wonderful addition to your stock of budding plants. Trade pkt., 35c; ½ oz., 50c; oz., \$3.00.

**Sensation Red Shades.** 2 ft. Produces large handsome stalks of gloxinia-like flowers often 2 in. across and in dazzling red shades. Trade pkt., 50c.

### SCHIZANTHUS

**Vaughan's Excelsior Hybrids.** A choice strain with very large flowers in an excellent blend of colors. Superior to anything yet offered to the public. Trade pkt., \$1.00.

### PETUNIA

**Large Flowering Royal Purple "Fringed"** of the same wonderful real "True Blue" color as our well-known "Royal Purple" with the additional advantage of fringed flowers. Highly recommended. Trade pkt., \$1.00.



Pentstemon Sensation



ZINNIA Giant Colossal



ZINNIA, Dahlia Flowered

# Zinnia

## New Giant Flowered or Colossal

The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting.

- |                                 |               |
|---------------------------------|---------------|
| Apricot Yellow (Light Canary)   | Golden Yellow |
| Blood Red.                      | Lavender      |
| Bright Rose.                    | Orange        |
| Soft Pink (Miss Willmott Pink). | Pink Shades   |
| Buttercup                       | Purple Shades |
| Burnt Orange                    | Scarlet       |
| Cream                           | Shrimp Pink   |
| Crimson                         | Salmon Shades |
| Deep Flesh                      | Violet        |
| Deep Salmon                     | White         |
| Flesh color                     |               |

	Trade	pkt.	Oz.
Each of the above..	lb., \$8.00;	¼ oz., 25c;	\$0.15 \$0.80
Colossal varieties, special. Mixed...	lb., \$10.00	.15	.30
Colossal, mixed, ordinary .....	lb., \$6.00	.15	.60
<b>Picotee Mixed</b> .....		.25	1.40
Golden Pheasant. Flowers deep orange tipped maroon .....		.35	1.80
<b>Crested or Curled</b> .....		.15	.60
<b>Lilliput. Mixed</b> .....		.15	.60
Scarlet Gem.....		.15	.30
White Gem.....		.15	.30
Golden Gem.....		.15	.30
Dark Crimson.....		.15	.30
Salmon Rose. A lovely color.....		.15	.30
<b>Gracillima fl. pl. Coccinea (Red Riding Hood)</b> ..		.15	.30
<b>Mexicana (Haageana) fl. pl., double yellow</b> ....		.15	.30
Hybrida. New Mexican Hybrids. Single. ....		.15	.30
Hybrida. New Mexican Hybrids. Double.....		.15	.30
<b>Pumila fl. pl., Mixed. Double dwarf, extra choice</b> ..		.10	.40
Alba plena. Snowball.....		.10	.50
Coccinea plena. Fireball.....		.15	.50
Aurea plena. Goldball.....		.10	.50
Salmon rose. Remarkable shade, good for cut flowers .....		.15	.80

An expert Zinnia grower advises the application of flowers of sulphur to the soil at planting time at the rate of half pound per square rod. This will produce in his estimation better flowers.

## Dahlia Flowered

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large, measuring from 5 to 6 inches across.

- Buttercup yellow
- Canary Bird, primrose
- Crimson Monarch, best red
- Dream, deep lavender
- Exquisite, light rose, center deep rose
- Golden State, rich orange
- Lemon Beauty
- Illumination, deep rose
- Old Rose, art shade
- Oriole, orange and gold
- Meteor, darkest red
- Scarlet Flame, bright scarlet with blending of orange
- Polar Bear, white
- Purple Prince

	Trade	pkt.	Oz.
Each of the above.....	\$0.35		\$2.00
Dahlia Flowered Mixed, many colors....	lb., \$12.00	.25	1.00
Gold Medal Hybrids. A superior mixture containing many new varieties from the trial grounds of the originator and the better named varieties .....	lb., \$16.00	.35	1.25

## California Giants

They are larger than Colossal and a cross between them and the Dahlia Flowered types. They have smaller flat centers with more loosely placed petals. The petals are decidedly imbricated and the flower from bud to full bloom presents a graceful appearance.

- Cerise Queen.
- Lemon Queen, the petals are light canary on the upper and cerise on the lower side. It is the only Zinnia with fragrance.
- Miss Willmott, soft pink.
- Enchantress, extra choice pink.
- Orange King, similar in color to the Calendula of the same name.
- Orange Queen, lighter than Orange King.
- Purity, a clean pure white.
- Rose Queen, this flower opens first as bright rose with a deep rose red center and gradually develops into a deep rose.
- Scarlet King.

	Trade	pkt.	Oz.
California Giants. Mixed. All colors.			
Each of the above.....	\$0.25		\$1.00
Vaughan's Special Mixture of all elegans varieties .....	lb., \$12.00	.20	.90



ANEMONE St. Brigid Hybrids

Sow perennial seeds early so you may winter over larger plants.



ACHILLEA, The Pearl



AQUILEGIA (Columbine) Mrs. Scott Elliott's strain

# Seeds of Biennials and Hardy Perennials

Many of the biennials and perennials are now as important to florists as Asters, Sweet Peas, Verbenas, etc., are among the annuals. Some can be forced, such as Delphinium, Canterbury Bells, etc., while many others sell as readily as Geraniums if grown

in pots, not to speak of the cut flower sorts, such as Coreopsis, Gypsophila, Chrysanthemum, Shasta Daisy, Physostegia, etc. They are really needed in every florist's establishment that caters to the better class of trade. The demand for them is increasing.

	Trade	pkt.	Oz.
Acanthus Latifolius. Very ornamental..lb., \$4.00	\$0.10		\$0.40
Mollis. Fine foliage .....	lb., \$4.00	.10	.40
Achillea Ptarmica fl. pl., The Pearl (Double White Yarrow). A fine white cut flower; blooms all summer .....	1/8 oz., 80c	.50	5.00
Ageratum. Yellow .....	.25	1.00	
Millefolium Kelwayi. Dark blood red.....	.50		
Filipendula, Parker's var. Yellow.....	.50	3.00	
Aconitum (Monk's Hood) Fisherii. Blue.....	.50	2.80	
Napellus. Dark blue .....	.35	1.80	
Wilsonii. Blue, tall, large.....	.50	3.20	
Adlumia Cirrhosa (Allegheny Vine). Pink.....	.35	2.60	
Adonis Vernalis. Bright yellow.....			
Agatheae Coelestis (Blue Daisy).....	1/4 oz., 45c	.25	1.60
Agrostemma Coronaria. Mixed.....	.10	.30	
Coronaria Atrosanguinea. Dark blood red.....	.10	.30	
Flos-Jovis. Pink .....	.10	.30	
Hybrida Walkeri. Rose color.....	.15	.40	
Alstroemeria Aurantiaca. Flowers orange, streaked red .....	.50	3.00	
Pulchella (Saint Martin's Flower).....	.50	4.80	
*Alyssum Saxatile Compactum. Golden 15 in June. Yellow .....	lb., \$6.00	.15	.50
*Saxatile Compactum Sulphureum. 15 in June...	.35	2.40	
*Argenteum. Yellow flowered .....	.25	.80	
*Wulfenianum. Grey foliage, yellow flowers....	.35		
Ampelopsis Veitchii (Boston or Japan Ivy). Clean seed .....	lb., \$3.00		.30
Anchusa Capensis. Blue.....	lb., \$4.40	.15	.40
Angustifolia .....	.15	.50	
Barellieri. Early dwarf dark blue.....	.35	1.40	
Italica, Dropmore variety. Dark blue..lb., \$10.00	.15	.80	
Opal .....	.35	1.40	
*Anemone Sylvestris. White, 12 in April-June....	.35	1.40	
Coronaria. Mixed .....	lb., \$9.00	.15	.80
Chrysanthemum Flowered Double.....	.35	1.20	
St. Brigid. Ordinary strain.....	.35	2.40	

Rock Plants are preceded by \* and the heights given are of the plants when in bloom.

ANEMONE—Continued	Trade	pkt.	Oz.
St. Brigid's Hybrids. True Irish strain. Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors.....	1/8 oz., \$1.00	\$0.50	\$6.00
Japonica Honorine Jobert, White.....	.50	10.00	
Pennsylvanica. White flowers.....	.35	1.40	
*Pulsatilla. Violet lilac, 12 in April-May.....	.35	1.40	
Rubra .....	.35		
Anthemis Tinctoria (Golden Marguerite).....	.25	1.20	
Kelwayi. Yellow .....	.25	1.20	
Kelwayi Alba. White.....	.25	1.20	
Antigonon Leptopus. Rose .....	lb., \$5.00	1.10	.50
*Aquilegia Alpina. Blue, 24 in April-July.....	.25	1.40	
Canadensis. Scarlet and yellow.....	.35	1.60	
Chrysantha (Golden Columbine).....	1/4 oz., 60c	.35	2.00
Grandiflora Alba. White.....	1/4 oz., \$1.00	.35	3.60
Fl. Pleno. Double.....	.50	3.00	
*Coerulea, Rocky Mountain Columbine. Blue and white, 24 in May-July.....	lb., \$22.00	.35	1.80
Rose Queen. Pink shades.....	7/8 oz., 60c	.50	4.00
Farquhar Pink .....	.50	4.00	
*Glandulosa Major. Violet blue and white corolla, 36 in May-July.....	.35	2.00	
Jaetschoui, large yellow, long red spurs .....	1/4 oz., 85c	.35	3.00
Nivea Grandiflora. Large white.....	.25	1.00	
Skinneri. Scarlet tipped green.....	1/4 oz., 85c	.50	3.00
Vulgaris Alba Plena. Double white.....	.35	1.40	
Single mixed .....	lb., \$6.00	.15	.60
Long Spurred, Mrs. Scott Elliot's strain. The most charming color combinations.....	1/4 oz., \$2.25	.50	8.00
Long Spurred varieties.....	lb., \$24.00	.35	2.00
Blue shades .....	1/8 oz., 75c	.50	
Rose and Scarlet shades. New.....	1/8 oz., 75c	.50	
Double mixed .....	lb., \$7.00	.15	.60
Dobbie's Imperial Hybrids. An attractive selection of long spurred varieties... ..	1/8 oz., \$1.50	.50	
Vaughan's Special Mixture .....	1/4 oz., \$1.00	.50	3.60

# Seeds of Biennials and Hardy Perennials



COREOPSIS Double Flowering



DAISY Shasta Alaska



CAMPANULA Medium (Canterbury Bell)

	Trade	pkt.	Oz.		Trade	pkt.	Oz.
* <i>Arabis Alpina</i> (Alpine Rock-Cress). White, sweet scented, 12 in spring.....lb., \$6.00	\$0.15		\$0.60	<i>Boltonia Asteroides</i> . White.....	\$0.35		
Alpina Nana Compacta.....	.25		1.40	Latisquama. Pink.....	.35		\$1.80
* <i>Arenaria Montana</i> , white, 12 in June-Aug.....	.35		2.60	<i>Buddleia Variabilis Veitchiana</i> .....lb., \$14.00	.25		1.20
<i>Aristolochia Sipho</i> (Dutchman's Pipe). Large leaved.....100 seeds, 35c; 1,000 seeds, \$2.50			2.00	<i>Bupthalmium Cordifolium</i> .....	.25		1.20
Tomentosa. Small leaved.....lb., \$6.00	.20		.80	Salicifolium. Yellow dwarf.....	.15		.90
* <i>Armeria Maritima</i> (Cushion Pink). Lilac rose, 12 in early summer.....	.50		5.00	* <i>Calamintha Alpina</i> . Blue, 6 in. May-June.....	1/8 oz., \$1.00	.50	
Alpina.....	.50			<i>Callirhoe Involucrata</i> . Poppy Mallow Rosy crimson.....	.35		
Formosa. Red, 24 in early summer.....	.35		2.40	* <i>Campanula Carpatica</i> (Hare Bell) 18 in. July-Aug. Blue.....	1/4 oz., 40c	.25	1.20
*Formosa Hybrids, 24 in early summer.....	.25		1.20	* <i>Carpatica Alba</i> . White, 18 in.....	1/4 oz., 40c	.25	1.20
* <i>Lauchena</i> . Rosy crimson, 9 in early summer..	.50		5.00	Mixed.....	1/4 oz., 40c	.25	
<i>Asclepias Tuberosa</i> . Orange "Butterfly weed.".....	.35		2.00	<i>Lactiflora Coerulea</i> .....	1/4 oz., 60c	.35	2.00
.....1/4 oz., 60c				<i>Latifolia Macrantha</i> . Blue. Large-flowered.....	1/4 oz., 50c	.35	1.60
<i>Asparagus Verticillatus</i> . Hardy Asparagus.....	.35		1.80	.....1/4 oz., 60c		.35	
* <i>Asperula Odorata</i> (Waldmeister) white, 9 in early summer.....	.15		.80	<i>Macrantha Alba White</i> .....	1/4 oz., 60c	.35	
Hexaphylla. To combine with other flowers....	.15		.80	Medium (Canterbury Bell). Single mix.....lb., \$3.00	.10		.30
<i>Asphodelus Luteus</i> . Fragrant yellow flowers.....	.20		1.00	Single White, Blue Lilac or Pink.....each	.10		.50
<i>Aster</i> , Perennial Mixed (Michaelmas Daisy).....	.35		1.60	Double mixed.....	.20		1.00
* <i>Alpinus Goliath</i> , soft blue, large, 15 in.....	.35		2.80	Double Blue, Rose and White.....each	.25		1.20
.....1/4 oz., 80c				Double and Single mixed.....	.15		.80
*Nixe. Light blue star shaped, 12 in. 1/4 oz. 75c	.35			<i>Calycanthemum</i> (Cup-and-Saucer). Choice mixed.....	.20		1.00
Mixed.....	1/4 oz., 60c	.35	2.00	Pink, Blue, Lilac or White.....each	.30		1.60
* <i>Subcoeruleus</i> . Light blue, 15 in.....	1/4 oz., 75c	.35		<i>Persicifolia Alba</i> . White, excellent cut flowers.....	1/4 oz., 85c	.35	3.00
<i>Amellus hybridus</i> .....	.50			.....1/4 oz., 85c		.35	3.00
* <i>Aubrietia Large Flowering Hybrids</i> , 6 in. Spring.....	.35		2.00	<i>Persicifolia Mixed</i> .....	1/4 oz., 70c	.35	2.40
.....1/4 oz., 60c				Alba pl. Double white.....	1/8 oz., \$1.00	.50	
* <i>Bougainvillei</i> . Dark blue, 6 in.....	1/4 oz., \$1.00	.50	3.20	Coerulea pl. Double blue.....	1/8 oz., \$1.00	.50	7.40
Leichtlini. Large flowered deep rosy purple...	.50			<i>Pyramidalis</i> . Blue.....	1/4 oz., 40c	.25	1.20
* <i>Auricula</i> . Extra choice mixed, 6 in. spring.....	.50			Alba. White.....	1/4 oz., 40c	.25	1.40
.....1/8 oz., \$2.00				Mixed.....	1/4 oz., 40c	.25	1.40
<i>Baptisia Australis</i> . Light blue.....	1/4 oz., 50c	.25	1.60	* <i>Rotundifolia</i> . Slender stems of the pale blue bell-shaped flowers, 12 in. spring. 1/8 oz., \$1.00	.50		
<i>Bellis</i> or Double Daisy.....				<i>Trachelium</i> . Blue, 4 ft., blooms in June.....	.25		1.40
Monstrosa Double Pink.....	1/8 oz., 50c	.35	3.00	Alba, white.....	1/4 oz., 50c	.25	2.00
Double White.....	1/8 oz., 50c	.35	3.00	Alba, white.....	1/4 oz., 50c	.25	
Red.....	1/8 oz., 50c	.35	3.00	Perennial Varieties. Mixed.....	.25		1.40
<i>Tubulosa Aetna</i> .....	1/8 oz., \$1.00	.50		* <i>Candytuft Sempervirens</i> (Hardy Candytuft), White, 12 in. June-July.....	1/4 oz., 80c	.50	3.00
Mixed.....	1/4 oz., 65c	.35	2.40	Queen of Italy. An exceedingly free-flowering, dwarf, compact variety with almost evergreen foliage; may be grown as annual or biennial	.15		.60
Longfellow. Dark pink.....	1/8 oz., 40c	.25	2.00	<i>Gibraltaria Hybrida</i> . Large flowers, lilac, shading to white.....	.20		1.00
Snowball. Double white.....	1/8 oz., 40c	.25	2.00	<i>Carduus Marianus</i> (Scotch Thistle).....	.10		.30
White with Red Center.....	1/8 oz., 60c	.35					
Double Rosy White. Quilled.....	1/8 oz., \$1.00	.50					
Double Extra Choice. Mixed.....	1/4 oz., 50c	.25	1.60				
<i>Bidens Dahlioides</i> . Mixed.....	.35		1.80				
<i>Bignonia Radicans</i> . Trumpet Vine.....lb., \$6.00	.15		.60				
<i>Bocconia Japonica</i> (Plume Poppy). Fine foliage plant.....	.15		.50				

Rock Plants are preceded by \* and the heights given are of the plants when in bloom.

# Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon Hybrid

	Trade	pkt.	Oz.		Trade	pkt.	Oz.
Carnation, Vienna Dwarf. Mixed.....	¼ oz., 60c	\$0.35	\$2.00	*Crucianella Stylosa. Light red, 18 in. July.....	\$0.15	\$0.60	
Vienna Dwarf. White.....	¼ oz., 70c	.35	2.40	Daisy—See also Bellis.			
Pink .....	¼ oz., 75c	.50	5.00	Shasta, Alaska .....	lb., \$24.00; ¼ oz., 50c	.35	1.80
Grenadin Red. Half high .....	¼ oz., 70c	.35	2.40	Shasta Daisy, ordinary.....	lb., \$6.00	.15	.50
Red Dwarf .....	¼ oz., 75c	.50	5.00	<b>Delphinium (Larkspur) Cardinale.</b> Brilliant scarlet		.50	3.00
White .....	¼ oz., 85c	.50	3.00	Elatum Hybridum. Double Hybrids. Mixed.....		.35	1.60
Pink .....	¼ oz., \$1.60	.50	6.00	Indigo Blue. Splendid color, comes true from seed		1.00	8.00
Velvety Brown .....	¼ oz., \$1.20	.50	4.00	Belladonna. Light blue.....	lb., \$28.00	.40	2.00
Mixed .....	¼ oz., 70c	.35	2.40	Belladonna Improved. Strong vigorous habit,			
Cassia Marylandica. Yellow .....		.25	1.00	turquoise blue .....		.50	3.00
Catananche Coerulea. Fine cut flower.....		.15	.80	Belladonna Hybrids .....		.35	1.60
Coerulea Flore Albo.....		.20	1.00	Bellamosum. Dark blue.....	lb., \$32.00	.50	2.40
Centaurea Montana. Violet blue.....	lb., \$6.40	.20	.80	Butterfly Blue .....		.15	.80
Montana. White .....		.35	1.20	Lavender .....		.20	1.00
Dealbata. Large rose globular flowers.....				White .....		.20	1.00
Macrocephala. Yellow .....	¼ oz., 70c	.35	2.40	Formosum. Blue, 3 ft.....		.35	3.00
<b>Centranthus Ruber.</b> See Valeriana.				Chinese. Blue. Fine cut flower.....	lb., \$8.00	.20	.80
* <b>Cerastium Tomentosum</b> (Snow in Summer)				Azure Fairy .....		.25	1.20
Silvery white foliage, white flowers, 16 in.				Tom Thumb Ultramarine. Blue.....	lb., \$8.00	.20	.80
spring .....	¼ oz., 40c	.25	1.20	White .....		.20	.80
<b>Cheiranthus Allioni.</b> Siberian Wallflower. Bright				Mixed .....	lb., \$7.00	.15	.70
yellow .....		.15	.60	Selecta Double. A fine selection.....		1.00	14.00
Linifolius. Lilac .....		.25	2.00	Summer Cloud. 2 to 3 ft. Beautiful pure white.			
Kewensis .....	½ oz., \$1.00	.50		Comes true from seed.....	½ oz., \$1.25	.50	7.40
<b>Chelone Barbata.</b> Hybrids. Mixed, varying from				Nudicaule. Scarlet .....	¼ oz., 85c	.50	3.00
flesh color, pink to dark red and violet.....		.15	.60	Lemon Gem. New.....		.75	
Coccinea Scarlet .....		.15	.80	Chamois .....		.50	4.00
Torreyi. Brick red.....		.15	.80	Zalil, Sulphureum. Straw-yellow.....		1.00	
<b>Chrysanthemum Maximum</b> (Ox-Eye Daisy) lb., \$4.40		.10	.40	Vanderbilt Hybrids .....		.50	4.80
Maximum, King Edward VII. Robust..	lb., \$6.00	.15	.50	Wrexham strain (Hollyhock Delphinium).....			
Laciniatum. Comet Marguerite.....		.15	.80	.....	¼ oz., \$2.00	1.00	
Market Favorite. A splendid cut flower variety		.35	1.80	<b>Vaughan's Gold Medal Hybrids.</b> An extra choice			
Spring Marguerite "Mothers' Day".....		.15	.80	strain .....	lb., \$12.00	.25	1.00
Mrs. C. Lothian Bell. Splendid variety.....		.25	1.20	<b>Blackmore and Langdon's Strain,</b> a superior			
<b>Clematis Paniculata.</b> White.....	lb., \$4.40	.10	.40	mixture .....		1.00	5.00
Recta. Splendid cut flowers.....		.35	1.50	<b>Vaughan's Special Perennial Mixture,</b> all varieties		.50	3.20
<b>Coreopsis.</b> Lanceolata Grandiflora. Golden yellow				New XXX hybrids to color:			
.....	lb., \$3.20	.10	.30	XXX Light blue shades.....	¼ oz., 70c	.50	2.40
Lanceolata Grandiflora Fl. Pl. (Double Flowering				XXX Deep blue shades.....	¼ oz., 70c	.50	2.40
Coreopsis.) See illustration.....	lb., \$12.00	.30	1.00	XXX Mid blue shades.....	¼ oz., 70c	.50	2.40
				XXX Pastel shades .....	¼ oz., 70c	.50	2.40
				<b>Dianthus Allwoodi.</b> 100 seeds, \$1.25; 1000 seeds, \$10.00			

Rock Plants are preceded by \* and the heights given are of the plants when in bloom.



# Seeds of Biennials and Hardy Perennials



SWEET WILLIAM (*Dianthus Barbatus*)



HOLLYHOCK Chater's, Double



GAILLARDIA *Grandiflora*

<i>Dianthus Barbatus</i> (Sweet William).	Trade	pkt.	Oz.
Albus. White .....	\$0.15		\$0.50
Atro-sanguineus. Blood-red.....	.10		.40
Nigrescens. Black .....	.15		.50
Roseus. Pink .....	.10		.40
Mutabilis, Harlequin striped.....	.15		.50
Coppery Red .....	.15		.80
Scarlet Beauty .....	.15		.80
Pink Beauty (Newport Pink).....	.15		.80
Turkey Red .....	.25	1.00	
Diadematus. Rose sprinkled white.....	.15		.60
Johnson's Giant. A choice mixture.....	.15		.80
Single Mixed .....	.10		.40
Single Giant Flowered Mixed .....	.15		.60
Single Nanus. Dwarf Mixed.....	.15		.50
Double white .....	.15		.80
Double Blood-Red .....	.15		.80
Double Pink .....	.20	1.00	
Double Nigrescens. Black.....	.15		.80
Double Mixed .....	.15		.60
Double Giant Flowered, mixed.....	.25	1.20	
Vaughan's Special Mixture. Double and Single	.25	1.20	
Barbatus X Chinensis. Blooms first year.....	.15		.60
<b><i>Dianthus Plumarius</i> (Pheasant's Eye). Single</b>			
mixed, 6 in. ....	.10		.40
Plumarius Double. Fine mixed.....	.25	1.20	
Cyclops. Best single.....	.15		.80
Cyclops. Red Hybrids.....	.35	1.40	
Cyclops. Double Mixed.....	.50	4.00	
Semperflorens. Single Mixed.....	.20	1.00	
Double Mixed .....	.35	2.40	
Diadematus. Rose sprinkled white.....	.15		.80
Albus Plenus. Double white.....	.50	2.80	
Nanus fl. pl. Dbl. Early Flowering, mixed.....	.35	2.40	
Peacock. New .....	.25	1.00	
*Vaughan's Special Mixture.....	.35	2.00	
* <i>Dianthus Deltoides</i> . Rose, 6 in summer. ¼ oz., 50c	.35	1.80	
* <i>Dianthus Caesius</i> . Dense tufts of glaucous blue foliage and large rose colored flowers, 3 in July	.25	1.40	
<i>Dianthus Miss Gladys Cranfield</i> . Single rose pink with a velvety crimson eye.....	.50		
<i>Dianthus Latifolius Atrococcineus</i> pl. A beautiful outdoor pink, of deep crimson color, semi to full double flowers, borne on stout stem 15 to 18 inches high.....	.15		.80

<i>Dianthus Dentosus</i> Hybrids. Lilac and red....	Trade	pkt.	Oz.
.....	¼ oz., 50c	\$0.25	\$1.40
* <i>Neglectus</i> . Fiery red, 6 in. May-July.....			1000 seeds \$2.00
<i>Dictamnus Fraxinella</i> . Gas Plant.....	.35		3.00
<i>Fraxinella Alba</i> . White.....	.35	1.80	
<i>Digitalis Grandiflora</i> (Golden Foxglove).....	.15		.80
<i>Canariensis</i> . Yellow.....	.35	5.00	
<i>Gloxiniaeflora</i> . Mixed .....	.15	.50	
White, Pink, Purple, each.....	.15	.60	
Giant Shirley. New. Magnificent strain, enormous flowers, various colors. Spikes 3 to 5 ft. high .....	.25	1.40	
<i>Hybrida Lutzii</i> . New. Salmon hybrid.....	.30	1.60	
<i>Maculata Iveryana</i> . Spotted.....	.15	.60	
<i>Purpurea</i> . Mixed .....	.10	.40	
<i>Montrosa</i> . Mixed .....	.15	.80	
Vaughan's Special Mixture.....	.15	.80	
<i>Echinacea Hybrida</i> (Cone Flower).....	.35	1.80	
<i>Purpurea</i> . Purple Cone Flower .....	.25	1.20	
<i>Echinops Ritro</i> . Blue; fine.....	.15	.50	
<i>Sphaerocephalus</i> . Light blue.....	.10	.40	
* <i>Edelweiss</i> . <i>Leontopodium</i> Alpine, 6 in early summer .....	.50		
<i>Eremurus Robustus</i> . Rose.....			100 seeds, 75c; 1,000 seeds, \$6.00
<i>Himalaicus</i> . White .....			100 seeds, 35c; 1,000 seeds, \$3.00
* <i>Erigeron Grandiflorus</i> <i>Elatior</i> . Rosy, 24 in May-June .....	.35	2.00	
* <i>Hybridus</i> <i>Grandiflorus</i> . Rosy lilac, 24 in June..	.35	1.80	
<i>Eryngium Amethystinum</i> . Large blue flowers....	.50	3.00	
Alpinum. Dark blue .....	.35	2.40	
Planum. Azure blue.....	.15	.60	
* <i>Erinus Alpinus</i> , mixed, white, carmine and rose, 6 in May-July .....	.50		
* <i>Erodium Manescavi</i> , rich rose, 18 in June-Aug...	.25		
<i>Euphorbia Polychroma</i> . Yellow.....	.35	2.40	
<i>Eupatorium Ageratoides</i> . Fine cut-flower; fall bloomer .....	.15	.80	
<i>Purpureum</i> . Wine red .....	.20	1.00	

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LATHYRUS Latifolius (Perennial Pea)



HIBICUS (Mallow Marvels)



LUNARIA—Honesty or Peter's Penny

## Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
*Forget-Me-Not (Myosotis) Alpestris. Blue, 4 in		
May-June .....	\$0.15	\$0.50
Alpestris. White .....	.15	.60
Rosea. Pink, 4 in .....	.15	.80
Mixed .....	.10	.50
Eliza Fonrobert. True .....	.15	.60
Victoria. Sky-blue .....	¼ oz., 35c	.25 1.00
Indigo Blue. (Royal Blue) .....	.15	.60
Messidor. Deep blue, late flowering .....	.25	1.00
Pink Bouquet. New. Very fine for bedding and pots. Be sure and try this novelty. ¼ oz., 60c	.25	2.00
Dark Blue Bouquet. .... ¼ oz., 40c	.25	1.20
Dissitiflora. Rich blue, early .....	½ oz., 50c	.30 2.80
Palustris. True .....	¼ oz., 60c	.35 2.00
Palustris Semperflorens .....	¼ oz., 60c	.35 2.00
Vaughan's Early and Late-Flowering. ¼ oz., 40c	.25	1.40
Oblongata, Blue Bird. New. A beautiful winter-flowering Forget-Me-Not. The only Myosotis which has received an award of the British Royal Horticultural Society, in many years. .... ½ oz., \$1.50	.50	
Hybrida Isolde Krotz. New. Bright blue; good for pots .....	1-32 oz., \$2.50	1.00
Ruth Fisher. Large flowering; bright blue, 6 in May-July .....	½ oz., \$1.00	.50
Gaillardia Grandiflora. Mixed .....	1 lb., \$5.00	.15 .50
Grandiflora Compacta. Mixed .....		.15 .80
Dazzler. Golden yellow, rich maroon center. .... ¼ oz., 50c	.35	1.80
New Varieties Mixed .....		.20 1.00
Semi-plena. Half double .....		.20 1.00
Stand holder. New, giant flowered .....		.25 1.60
Maxima. Golden yellow .....		.20 1.00
Maxima Kermesina Splendens .....		.15 .80
Portola hybrids. 2 ft. flowers, brilliant scarlet, with coppery hue tipped in gold cones, 50% true from seed .....		.50 4.80
Le Mastadonte. New; pure yellow; large .....		.20 1.00
Sibylla. New; large flowered vivid carmine, tipped white with dark crimson center .....		.15 .80
Sulphurea Oculata (Sulphur Queen) .....		.20 1.00

### Grasses, Ornamental

Arundo Donax. 8 to 30 feet .....	.15	.60
Arundo Donax fol. variegata. 4 to 7 feet .....	.15	.70
Erianthus Ravennae. Plume Grass .....	1 lb., \$6.00	.15 .60
Enlalia Japonica Zebrina .....	.15	.80
Enlalia Japonica .....	.15	.80

	Trade pkt.	Oz.
Gymnothrix Latifolia. 3 to 4 feet .....	\$0.15	\$8.60
Gynerium Argenteum .....	.15	.60
Stipa Pennata. Feather Grass .....	.50	3.00
Uniola Latifolia. Spike grass .....	.15	.60
Gentiana Acaulis. Dark blue .....	¼ oz., 85c	.50 3.00
Lutea. Yellow .....		.35
Geum Atro-sanguineum fl. pl. Double scarlet .....	¼ oz., 45c	.35 1.40
*Borealis. 24 in. single orange red .....	¼ oz., \$3.00	.50
*Coccineum, Mrs. Bradshaw. Glowing red, double, 24 in early summer .....	¼ oz., 50c	.35 1.80
*Lady Stratheden (Gold Ball). Double buttercup yellow, 24 in early summer .....		.50 4.00
Golden Rod. See Solidago Canadensis .....		
*Globularia Trichosantha. Dark blue, 12 in. ....	.35	2.40
Gunnera Manicata. Fine foliage plant .....		1.00
Gypsophila Paniculata. White .....	1 lb., \$4.00	.10 .40
Paniculata Fl. Pl. (30 to 40% true) .....	½ oz., \$1.20	.50 8.00
*Repens, Dwarf for rockwork. White, 6 in. ....		.35 1.40
Hedysarum Coronarium Red Honeysuckle .....		.10 .40
Helenium Autumnale Superbum. Light yellow .....	¼ oz., 35c	.25 1.00
Bigelowi. Yellow .....		.50 5.00
Hoopesi. Yellow .....		.20 1.00
Riverton Gem. Wallflower red .....		.35 1.40
Riverton Beauty. Lemon yellow .....		.35 1.40
*Helianthemum Mutabile. Sun or Rock roses. Pale rose changing to lilac and white, 12 in June-Aug. ....		.20 .80
Helianthus Maximilianii. Early flowering .....		.35
Angustifolius. Autumn Glory. Yellow, free blooming. Good cut flower .....		.25 1.20
Perennial Varieties. Mixed .....		.35 2.40
Heliopsis Pitcheriana (Orange Sunflower) .....		.15 .80
Scabra Zinniaeflora. Large flowered golden yellow semiplena .....		.25 1.20
Soleil d'Or. Golden yellow, 5 ft., very free fig. ....		.35 1.80
Helleborus Niger (Christmas Rose) .....		.25 1.00
Hesperis Matronalis. Purple .....	1 lb., \$3.40	.10 .40
Matronalis Alba .....	1 lb., \$3.40	.10 .40
Nanus Candidissima. Dwarf white .....		.15 .80

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Seeds of Biennials and Hardy Perennials

Trade pkt. Oz.

*Heuchera Sanguinea. Coral red, 30 in. summer.	1/8 oz., \$1.00	0.50	
Sanguinea Splendens. Dark red	1/8 oz., \$1.50	.50	
Brizoides. Rose color	1/8 oz., \$1.00	.50	7.00
Maxima. Crimson carmine		.50	
Hybrida Grandiflora, 30 in June	1/8 oz., \$1.00	.50	
<b>Hibiscus.</b> White with crimson eye	lb., \$5.40	.15	.50
Giant Yellow or Golden Bowl		.15	.60
Moscheutos Roseus	lb., \$5.00	.15	.50
Mallow Marvels. Mixed	lb., \$6.00	.15	.60
Mallow Marvels. Red	lb., \$10.00	.20	.80
*Hieracium Villosum. Yellow, silvery, wooly leaves, 12 in. July		.15	.90
<b>Hollyhocks.</b> Double Maroon, Yellow, Pink, Deep Rose, Crimson, Dr. Faust, Salmon, Apple-blossom. Blood Red, Newport Pink, White each	1/4 oz., 35c	.20	1.20
Lilac Beauty. A clear bright lilac	1/4 oz., 50c	.35	1.80
Exquisite. Each petal has a large blotch like the Pelargonium	1/4 oz., \$1.10	.50	4.00
Sensation. Monstrous flowers, uniformly double of clear silvery salmon-pink borne on stately stalks		.50	
Chater's Prize. Double Mixed	lb., \$12.00	.20	1.00
Single Black. White, each	1/4 oz., 40c	.25	1.40
Single mixed	lb., \$5.00	.15	.50
Allegheny. Mammoth flowering, mixed	lb., \$8.00	.15	.80
Alameda Pink. Wonderful new pink		.35	1.60
Everblooming Single Hybrids	lb., \$5.00	.15	.50
Double and Single Hybrids, mixed	lb., \$8.00	.15	.80
<b>Hyacinthus Candicans.</b> White yucca-like flowers	lb., \$5.60	.15	.60
<b>Iberis.</b> See Candytuft.			
<b>Incarvillea Delavayi</b> (Hardy Gloxinia). Rose		.50	
* <b>Inula Ensifolia.</b> Dwarf golden		.25	
<b>Iris Kaempferi,</b> Japanese Iris	lb., \$6.00	.15	.60
Large Flowering Hybrids		.25	1.00
Siberian hybrids	lb., \$8.00	.15	.80
<b>Larkspur</b> (Perennial). See Delphinium.			
<b>Lathyrus Latifolius</b> (Perennial Pea).			
Latifolius. Red	lb., \$8.00	.20	.80
Albus		.25	1.00
Pink Beauty	lb., \$8.00	.20	.80
White Pearl	lb., \$14.00	.25	1.00
Mixed	lb., \$6.00	.15	.60
<b>Lavandula Vera.</b> True sweet lavender		.10	.75
<b>Liatris Spicata.</b> Bluish rose	lb., \$8.00	.20	.80
Scariosa	lb., \$8.00	.20	.80
<b>Lilium Regale</b>			
	1,000 seeds, \$1.00; lb., \$34.00	2.50	
* <b>Linaria Cymbalaria</b> (Kenilworth Ivy). Violet, 3 in May		.35	1.80
<b>Linum Perenne</b> (Perennial Flax). Blue	lb., \$4.00	.10	.40
Flavum. Yellow		.50	3.20
Narbonense. Steel blue, large flowering	1/8 oz., \$1.00	.50	
Perenne Fl. Album. White		.15	.50
Mixed		.10	.40
<b>Lobelia Cardinalis</b> (Cardinal Flower). 1/8 oz., \$1.00		.50	
Syphilitica. Blue	1/4 oz., 70c	.35	2.40
<b>Lunaria Biennis Alba</b> (Honesty or Peter's Pence)			
See illustration	lb., \$7.40	.15	.60
Biennis. Crimson	lb., \$6.00	.15	.60
<b>Lupinus Polyphyllus</b> Roseus	lb., \$8.00	.20	.80
Polyphyllus Albus. White	lb., \$4.00	.10	.30
Atro-coeruleus. Dark blue	lb., \$3.20	.10	.30
Sunshine yellow	lb., \$16.00	.35	1.20
Lavender Queen. Lavender tinted pink blossoms, very pretty	1/4 oz., 50c	.35	1.60
Subcarnosus		.10	.40
Downer's Hybrids. New	1/4 oz., 50c	.35	1.60
Princess Juliana. Pink		.35	2.00
Moerheimi. Pink and white	1/4 oz., 50c	.35	1.60
Harkness Regal Mixture	lb., \$12.00	.25	1.00
Mixed	lb., \$ 3.20	.10	.30



LILLIUM Regale

Trade pkt. Oz.

<b>Lychuis Chalcedonica</b> (Lamp Flower). Scarlet	lb., \$8.00	\$0.15	\$0.80
Chalcedonica Alba. White		.15	.80
*Alpina. Rose, 12 in	1/8 oz., \$1.00	.50	6.00
Arkwrightii. New. A cross between Chalcedonica and Haageana. 2 to 3 feet. Rich, effective colors	1/4 oz., 60c	.35	2.00
Fulgens	1/8 oz., 60c	.25	
Flos-Cuculi. Ragged Robin		.25	1.20
Haageana. Scarlet	1/8 oz., 60c	.35	
Hybrids	1/4 oz., 50c	.35	1.40
Viscaria Splendens. Rose pink		.15	.80
<b>Lythrum Roseum Superbum</b> (Rose Loosestrife)		.15	.60
<b>Malva Moschata.</b> Rose		.15	.50
<b>Matricaria Capensis Alba Plenissima.</b> Best white		.15	.50
Golden Ball. Yellow		.25	1.40
<b>Monarda Hybrida.</b> Mixed		.25	1.60
<b>Myosotis.</b> See Forget-Me-Not.			
*Nepeta Mussini. Blue, 8 in. all summer	1/4 oz., 75c	.35	
* <b>Oenothera Fraseri.</b> Deep yellow	1/4 oz., \$1.60	.50	6.00
Macrocarpa (Missouriensis. Yellow, 6 in. June-Sept.		.50	6.00
Youngei. Large yellow bloom		.30	3.00
* <b>Papaver</b> (Poppy) Alpine. Mixed, 10 in.		.50	
Bracteatum. Scarlet	lb., \$9.00	.20	.80
*Nudicaule (Iceland). Mixed, 16 in.	lb., \$10.00	.20	1.00
Yellow, Orange and White, each		.25	1.20
*Gibson's Giant Orange		.35	2.40
*Double Mixed		.35	1.80
*Sunbeams. New		.25	1.40
Oriente (Oriental Poppy). Scarlet	lb., \$12.00	.20	1.00
Brilliant	1/4 oz., 50c	.25	1.80
Hybrids. New varieties, mixed	lb., \$12.00	.20	1.00
Princess Victoria Louise. Soft salmon rose	1/4 oz., \$1.25	.50	4.80
<b>Pentstemon Gentianoides Grandiflorus.</b> Large-flowering var. in splendid mixture	1/4 oz., 70c	.35	2.40
Hybridus Graziella. Free blooming and graceful small flowers in a great many new colors		.50	
Sensation. Large spikes of handsome flowers. Often 2 in. across and in the most brilliant and varied colors	1/8 oz., 50c	.35	3.00
Sensation Red varieties	1/4 oz., \$1.00	.50	
Southgate Gem. Long graceful stems carrying numerous rich poppy red flowers, showing pure white throats	1/8 oz., \$1.20	.50	8.00
Pubescens. Rosy purple. 2 ft.		.25	
Pulchellus Hybridus		.15	.80
Digitalis. Flesh colored		.15	.80
<b>Phlox Decussata.</b> Perennial varieties mixed. Seed germinates slowly		.35	2.00

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POPPY *Nudicaule*



POPPY, *Oriental*



PYRETHRUM *Roseum Double Mixed*

## Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
<i>Physalis Franchetii</i> (Chinese Lantern Plant). Large orange, balloon-shaped seed-pods.....	lb., \$12.00	\$0.20 \$1.00
<i>Physostegia Virginica</i> ( <i>Speciosa</i> ). Pink	¼ oz., 50c	.25 1.80
<i>Virginica Alba</i> . Fine cut-flower.....	¼ oz., 45c	.25 1.40
<i>Gigantea</i> . New. Lilac rose.....	¼ oz., 45c	.25 1.60
<i>Compacta Rosea</i> . Dwarf rose.....	¼ oz., 45c	.25 1.60
<i>Platycodon Mariesii</i> . Dwarf blue.....	¼ oz., 80c	.35 3.00
<i>Mariesii Album</i> .....	¼ oz., 80c	.35 3.00
<i>Grandiflorum</i> . Blue.....	¼ oz., 40c	.25 1.40
<i>Album</i> .....	¼ oz., 65c	.35 2.40
Mixed. Single.....	¼ oz., 40c	.25 1.40
<i>Polemonium Coeruleum</i> . Blue.....		.15 .60
<i>Coeruleum Album</i> . White.....		.15 .60
<i>Prima Donna</i> . New. Dwarf plant with delicate light blue flowers, 18 inches.....	¼ oz., 40c	.25 1.40
<i>Reptans</i> . Showy blue flowers.....		.25 1.40
<i>Richardsoni</i> . Dwarf blue early, 20 inch.....		.25 1.40
<i>Potentilla Formosa</i> . Cherry rose.....	¼ oz., 70c	.25 2.40
<i>Nepalensis</i> , Miss Willmott. Bright carmine rose .....	¼ oz., 85c	.50 3.00
Single mixed.....	¼ oz., 50c	.35 1.80
Double mixed.....		.50
<i>Rupestris</i> . Flowers white, June, 20 in.....		.35
Poppy. See Papaver.		
<i>Primula Belsiana</i> . Velvety purple with large yellow eye.....		.50
* <i>Bullisiana Hybrida</i> . Fine shades of yellow, orange, apricot and carmine, 18 in. May-June.		.50
<i>Denticulata</i> .....		.50
* <i>Froncosa</i> . Rosy lilac mealy white foliage, 4 in. June-July.....		.50
* <i>Japonica</i> mixed, white, purple, black and car- mine, 15 in. spring.....	¼ oz., 75c	.25 2.40
* <i>Japonica</i> , Mrs. Scott Elliott's special strain. .....	½ oz., \$2.00	.50
* <i>Pulverulenta</i> . Shining purple carmine, 16 in. May-June.....		.50
* <i>Rosea Grandiflora</i> . Rose carmine, 8 in. May-June		.50
<i>Officinalis</i> . Common yellow cowslip.....		.25 1.00
<i>Sieboldii</i> ( <i>Cortusoides amoena grandiflora</i> )....		.50
* <i>Veris</i> ( <i>Polyanthus</i> ). Fine mixed, 12 in. spring. .....	¼ oz., 50c	.35 1.80
* <i>Grandiflora</i> . An extra choice strain.....	¼ oz., \$1.20	.50 4.00
* <i>Lutea</i> . Yellow, 12 in.....	½ oz., 80c	.35 5.00
* <i>Munstead Strain</i> . Flowers of largest size, fine shades including yellow and white, 12 in. spring.....	¼ oz., 60c	.35 2.00

	Trade pkt.	Oz.
PRIMULA—Continued		
* <i>Moerheimi Hybrids</i> . Wonderful pastel shades..	\$1.00	
fine for rock gardens.....	1.00	
* <i>Vulgaris</i> ( <i>Acaulis</i> ). Yellow Primrose	¼ oz., \$1.10	.50 \$4.00
<i>Pueraria Thunbergiana</i> (Kudzu Vine)....	lb., \$4.00	.10 .40
<i>Pyrethrum Roseum</i> . Single, mixed....	¼ oz., 45c	.25 1.40
<i>Roseum White</i> .....	¼ oz., 70c	.35 2.60
<i>Carnea</i> . Flesh color.....	¼ oz., 70c	.35 2.60
<i>Roseum rose</i> .....	¼ oz., 70c	.35 2.60
<i>Comet Flowered</i> .....	½ oz., 60c	.35
<i>Atrosanguineum</i> . Dark red shades.....		
.....	¼ oz., 85c	.35 3.20
<i>James Kelway</i> . Rich velvety blood red.....		
.....	½ oz., \$1.70	.50
<i>Hybridum Grandiflorum</i> . Mixed....	¼ oz., 70c	.35 2.40
Double mixed.....	½ oz., \$1.60	.50 10.00
Double and Single mixed.....		.35 4.20
<i>Cinerariafolium</i> . White for cutting.....		.15 .80
<i>Uliginosum</i> . Fall bloomer; tall, white; splendid cut flower.....	¼ oz., \$1.40	.50
<i>Ranunculus Asiaticus Superbissimus</i> . Flowers in May, variable in color, generally double in form.....	lb., \$6.40	.15 .60
<i>Rehmannia Angulata</i> . Rose and red shades.....		
.....	½ oz., \$1.20	.50
<i>Romneya Coulteri</i> (California Giant Poppy) Beau- tiful snowy white fragrant flowers..	¼ oz., 60c	.35 2.20
<i>Rudbeckia Newmannii</i> . Vivid yellow, a long bloomer.....		.25 1.00
<i>Purpurea</i> ( <i>Echinacea</i> ).....		.25 1.20
<i>Grandiflora</i> .....		.35 1.80
<i>Fulgida</i> . Yellow.....		.25 1.00
<i>Hirta</i> (Black-Eyed Susan).....		.35 1.60
<i>Salvia Argentea</i> . (Silver-leaved Sage).....		.15 .60
<i>Nutans</i> . Blue.....		.15 .80
<i>Patens</i> . Sky-blue.....	lb., \$40.00; ¼ oz., 80c	.50 3.00
<i>Pratensis</i> . Dark blue.....		.25 1.00
<i>Azurea Grandiflora</i> . 4 ft. September-October. Stately willow-like growth, spikes of pale blue flowers.....	¼ oz., 50c	.35 1.80
<i>Verbascifolia Syria</i> . 5 ft. Flower spikes 18 in. tall. Flowers dark blue, hairy within and without.....		.25 1.00
* <i>Saponaria Ocyroides Splendens</i> . Pink trailing summer.....		.15 .60

Rock Plants are preceded by \* and the heights given are of the plants when in bloom.



SCABIOSA *Caucasicas*, House's New Hybrids



STATICE *Latifolia*



VIOLA *Cornuta G. Wermig* (Pansy Violet)

The flowers of this hardy *Viola* are exactly like a very large single violet with a long stem, and it is practically ever-blooming. It does well in partial shade. Can be grown in cool greenhouse for cut flowers. Is also well fitted as a rock plant and bordering. Trade pkt., \$1.00.

## Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.		Trade	pkt.	Oz.
<i>Saxifraga Cordifolia</i> . A fine rock plant.....	\$0.75			TRITOMA—Continued			
* <i>Decipiens grandiflora</i> . White, 18 in.....	.50			Express. Early flowering yellow.....	\$0.25	\$1.20	
<i>Cordifolia Splendens</i> . Vivid rose.....	.75			Mirabilis. Yellow, blooms first year..	¼ oz., 75c	.35	2.60
<i>Lingulata Leichtini</i> . Vivid rose.....	.75			Trollius Ledebourii. Orange, yellow....	¼ oz., 70c	.35	2.60
* <i>Rhei superba</i> . Rose, 12 in. May-July.....	.50			* <i>Tunica Saxifraga</i> . Lilac rose, 10 in. May.....	.15	.80	
SCABIOSA <i>Caucasicas</i> . Lavender. lb., \$28.00; ¼ oz., 60c	.35	\$2.00		<i>Valeriana Alba</i> (Garden Heliotrope).....	.15	.60	
<i>Caucasica Alba</i> . Pure white.....	.50	4.00		<i>Rubra</i> (Coccinea) .....	.15	.60	
Perfecta. Lavender .....	.50	4.00		Officialis. Produces showy heads of rose-tinted			
House's New Hybrids.....	.50	4.00		white flowers during June-July with delicious			
<i>Japonica</i> . Clear blue flowers.....	.15	.60		strong heliotrope odor. 3 to 4 ft.....	.50	3.00	
SIDALCEA <i>Rose Queen</i> .....	¼ oz., 50c	.35	1.80	<i>Verbascum Miss Wilmot</i> . Large white flowers....	.35	1.60	
Rosy Gem .....	¼ oz., 40c	.25	1.40	<i>Veronica Amethystina</i> . Long racemes of bright			
New Hybrids.....				blue flowers .....	¼ oz., 85c	.50	3.00
Silene (Orientalis). Dark rose.....	.10	.40		*Prostrata, mixed. Blue and white—Trailer,			
<i>Asterias grandiflora</i> .....	⅛ oz., 75c	.50		June-July .....	.50	4.00	
* <i>Schafta</i> . Rose, 8 in. July.....	¼ oz., \$1.00	.35	3.40	Spicata. Various shades.....	.35	1.40	
Solidago <i>Canariensis</i> (Golden Rod).....	.20	1.00		Spicata Dwarf Blue.....	5.0	4.00	
* <i>Virgo-aurea Alpestris</i> . Yellow, 10 in. spring...	.25	1.00		Longifolia. Compact clusters of blue flowers...	.25	1.00	
SPERGULA <i>Pilifera</i> . 4 in. A hardy evergreen suitable for grass edging or rockwork. ¼ oz., \$1.35	.50			Perennial Species. Mixed.....	¼ oz., 50c	.35	
Sedum <i>Coeruleum</i> (stone crop).....	.50			* <i>Viola Bosniaca</i> . Free blooming, small deep purple			
Stachys <i>Lanata</i> . Silver leaves, purple flowers....	.15	.60		flowers, 4 in. summer .....	¼ oz., 80c	.50	
Statice <i>Latifolia</i> . Blue. Fine for winter bouquets				* <i>Cornuta</i> , Papilio. Blue and white....	¼ oz., 50c	.25	1.80
.....lb., \$20.00; ¼ oz., 50c	.25	1.60		Thuringia. Dark blue, white eye...	¼ oz., 60c	.35	
Caspia. Large lilac bouquet.....	¼ oz., \$1.30	.50	5.00	Vaughan's Improved Scotch. Blotched hybrids			
Perezii. Violet blue.....	.35	1.60		White Perfection. White.....	¼ oz., 50c	.35	1.80
Tatarica .....	lb., \$6.80	.15	.70	Lutea Splendens. Golden yellow....	¼ oz., 50c	.35	1.80
Stokesia <i>Cyanea</i> (Stokes' Aster). Sky blue.....	.35	1.80		Blue Perfection. Light blue.....	¼ oz., 50c	.35	1.80
<i>Cyanea Alba</i> . White.....	.50			Mauve Queen .....	¼ oz., 50c	.35	1.80
Mixed .....	.35	1.40		Admiration. Large dark blue.....	¼ oz., 50c	.35	1.80
Sweet William. See <i>Dianthus Barbatus</i> .				Black Prince .....	¼ oz., 60c	.35	
Thalictrum <i>Aquilegifolium</i> (Meadow Rue). Graceful foliage and masses of pure white flowers 1 to 3 ft. ....	¼ oz., 60c	.35	2.00	Rosea .....	¼ oz., 50c	.35	
<i>Adiantifolium</i> . Leaves resemble those of maiden hair ferns, flowers yellow, 1 ft.....	¼ oz., 60c	.35	2.00	Mixed .....	.25	1.20	
<i>Dipterocarpum</i> . Rosy purple. 4 to 5 ft. August-September. Very graceful plumes of rosy purple flowers and conspicuous yellow anthers	¼ oz., 70c	.35	2.40	* <i>G. Wermig</i> . Rich violet blue, 8 in. summer..			
Flavum. Yellow flowers .....	.15	.80		.....	½ oz., \$2.40	1.00	
Glaucum. Fine cut glaucous foliage. Bronze yellow flowers in June. 2 ft.....	lb., \$10.00	.15	.80	* <i>G. Wermig Alba</i> . White, 8 in. summer.....	.35	2.20	
Thermopsis <i>Caroliniana</i> . A fine yellow perennial.	.50			* <i>Gracilis Lord Nelson</i> . Glowing violet-purple, 6 in. April-August .....	.50		
<i>Tritoma Uvaria Grandiflora</i> (Red-Hot Poker Plant)	.35	2.20		Wahlenbergia. See <i>Platycodon</i> .			
Hybrida, Perpetual Flowering .....	.25	1.20		Wallflower. Double Tall Branching. Mixed.....			
Tuckii. Sometimes called May Queen. Flowers dark rose and creamy yellow.....	.25	1.20		.....	¼ oz., 75c	.35	2.60
				Single mixed.....	.10	.40	
				Early Wonder .....	1-16 oz., \$1.20	.50	
				Kewensis. Flowers a delicate sulphur shade, which passes to orange-yellow or purple violet .....	½ oz., \$1.00	.50	
				Parisian Forcing, mixed.....	.15	.60	
				<i>Wistaria Sinensis</i> . Violet.....	lb., \$2.40	.10	.20
				<i>Sinensis Alba</i> . White.....	.10	.40	
				<i>Yucca Filamentosa</i> (Adam's Needle)...	lb., \$5.00	.15	.50
				<i>Glauca Angustifolia</i> . Foliage narrow and glaucous green. 3 ft. June-July.....	lb., \$7.00	.15	.60

Rock Plants are preceded by \* and the heights given are of the plants when in bloom.



AQUILEGIA—Long Spurred



CAMPANULA (Campanula Bell)



DELPHINIUM—Gold Medal Hybrids

# Hardy Perennial Plants

All Perennials are furnished in strong pot plants or divided field clumps.

Less than 25 of a variety add 4c per plant, 25 at the hundred rates.

If wanted by PARCEL POST, 3 plants weigh about 2 lbs.; 6 plants, 3 to 4 lbs.; dozen 6 to 7 lbs. 250 plants of a kind and more are sold at a lower rate. Ask for Prices.

### PLANTS FOR ROCK GARDENS

The sign + is placed before varieties especially suited for use in rock gardens.

	Per 100
ACHILLEA Ageratum. A pretty alpine of compact habit. Yellow, sweet scented.	\$ 8.00
Parker's Variety. Tall clear yellow flower heads.	10.00
Parmica, The Pearl. White.	10.00
ACONITUM Fischeri. 2 ft. September. Large porcelain blue flowers.	15.00
Sparks Variety. Tall branched spikes covered with deep blue Monkshood flowers.	15.00
Wilsonii. 5-6 ft. September. Violet-blue flowers.	15.00
AGROSTEMMA Coronaria Atrosanguinea. Stout erect-growing plant with silvery foliage and rosy crimson flowers.	10.00
+ALYSSUM Saxatile Compactum. Masses of bright yellow flowers 1 ft. high in early spring.	10.00
ANCHUSA Italica, Dropmore Variety. 5-ft. June-July. Beautiful gentian blue flowers.	15.00
ANEMONE Japonica Alba. Pure white, showing yellow anthers. 2-3 ft.	12.00
Japonica Queen Charlotte. A strong grower, producing large semi-double pink flowers. 2-3 ft. September-October.	15.00
Sylvestris. (Snowdrop Windflower.) Large nodding, sweet-scented white flowers, tinged lavender. 1 to 1½ ft. April-May.	15.00
Japonica Whirlwind. Semi-double white. 2-3 ft. September-October.	15.00
ANTHEMIS Kelwayi. Golden yellow.	10.00
AQUILEGIA. Canadensis. Scarlet and yellow.	10.00
Chrysantha. Golden yellow, 3 ft.	10.00
Grandiflora Alba. White.	10.00
Long Spurred Blue Shades. Beautiful sort, has beautiful blue flowers with long stems.	12.00
Mrs. Scott Elliott. The best hybrid. Wonderful blend of all colors.	15.00
Rose Queen. A long spurred variety with rose colored flowers and spurs, and a white or creamy center. There is some variation in shades.	15.00
Skinneri. Scarlet tipped green.	10.00
+ARABIS Alpina (Alpine Rock-Cress). White, sweet scented.	10.00
ARTEMISIA Lactiflora. Stems 3½-4½ ft. high, elegantly cut dark green foliage, and creamy white Spiraea-like flowers.	10.00
ASCLEPIAS Tuberosa. Brilliant orange flowers.	10.00
ASTER. Joan Vaughan. Very large effective mauve-blue. 2½-3 ft.	10.00
Novae-Angliae. Deep purplish blue.	10.00
Novae-Angliae Roseum Superbum. By far the best Aster in its color, being almost red, and a profuse bloomer.	12.00
Novibelgi. "Climax." A new distinct large flowered lavender-blue. September-October.	10.00
Novibelgi. "Climax White." A pure white.	10.00
Novibelgi. Cloudy Blue.	10.00
Novibelgi Wells. White.	10.00
BELLIS Perennis. Double white and pink.	10.00
BOLTONIA Asteroides. White, 4 ft.	10.00
Latisquama. Delicate pink.	10.00
+Nana (dwarf).	10.00
BUDDLEIA Variabilis (Summer Lilac). Long racemes of lilac-like flowers all summer.	10.00
CAMPANULA Calycanthema Blue (Cup-and-Saucer). Choice Hybrids, all colors, blooming in the spring. Pink, White, Mixed.	10.00
+Carpatica Blue. (Carpathian Hare Bell). In bloom the whole season; color clear blue; grows 6 in. high.	10.00
+Carpatica Alba. The white-flowered form of the above.	10.00
Medium (Canterbury Bells.) Rich shades and large flowers. Plants 3 ft. high, blooming in the spring. Blue, Pink, White, Mixed.	10.00

### CAMPANULA—(Continued)

	Per 100
Persicifolia Alba. White-flowered Peach Bells.	\$10.00
Blue (Peach Bell). Undoubtedly one of the finest of the hardy Bell-flowers; grows 2 to 3 ft. high, with large blue flowers.	10.00
Mixed.	10.00
Trachelium. One of the hardiest. Sturdy hairy plant with light purple somewhat drooping flowers.	10.00
CARNATION. Hardy Border Double. A good hardy strain for outdoor culture producing a mass of semi-double flowers in great profusion. About 18 inches tall.	10.00
Grenadin. Red, Pink, White, Mixed.	10.00
+CERASTIUM Tomentosum. Snow in summer. 4 in. Silvery white foliage, snow-white flowers.	10.00
CHELONE Barbatus Torreyi. 3 ft. July and August. Long coral red spikes like a Pentstemon.	10.00
Coccinea Scarlet.	10.00
Lyoni. Purplish red flowers.	10.00
CHIVES. Used for its onion-like flavor.	6.00
CHRYSANTHEMUM. Arcticum. (The Arctic Daisy.) Dark-green foliage. Daisy-like flowers late in the fall.	10.00
Laciniatum. White comet, fringed with white petals.	10.00
Leucanthemum Fl. Pl. (Double White Shasta Daisy.) Flowers double, pure white, of medium size, excellent for cutting. Each plant produces from 30 to 50 flowers. Perfectly hardy without any protection.	10.00
Maximum. (Ox-Eye Daisy).	10.00
Maximum King Edward VII. Large white, flower all the summer.	10.00
Mrs. C. Lothian Bell. Large daisy-like flowers in July.	10.00
COREOPSIS Lanceolata. Deep yellow, 2 ft.	10.00
DAISY Shasta, Alaska. Pure white, 12-18 in.	10.00
Hartje and Elder Daisy. Absolutely hardy and winter-proof. Blooms for Decoration Day and later. Flowers 3-3½ in. across. There are two varieties, Early and Late. The late one blooms about two weeks later than the early one. This Daisy will not come true from seed. Strong plants.	10.00
DELPHINIUM. Belladonna. Sky-blue.	10.00
Bellamosum. Dark blue.	10.00
Formosum. Deep blue, 3 ft. 1-year.	10.00
Gold Medal Hybrids. One of the best strains of delphinium. 3-5 ft. 1 year plants.	10.00
Indigo. Pure Indigo blue. 1-year plants.	12.00
Summer Cloud. Flowers are pure white.	15.00
DIANTHUS Plumarius Cyclops. Single, mixed colors, very fragrant.	10.00
Vaughan's Special. Mixed.	10.00
Allwoodii. (Hardy Pinks.) They are perfectly hardy and flower continuously from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of hardy Pinks.	10.00
Harold. A Splendid large double pure white of very symmetrical form and great substance.	12.00
Jean. Pure white, a deep violet-crimson center; a distinct, handsome flower.	12.00
Mary. Pale rose-pink with light maroon center.	12.00
Robert. A delicate shade of old rose with light maroon center.	12.00
Mixed.	10.00
Barbatus. Newport Pink (Sweet William):	10.00
Copper Red.	10.00
Pink Beauty (Newport Pink).	10.00
Scarlet Beauty.	10.00
White, Single.	10.00
Vaughan's Special Mixture.	10.00
+Caesius Grandiflorus. A compact cushion of glaucous leaves. The rose colored flowers are produced in May on stems 4-10 in. high.	10.00



PHYSOSTEGIA—Virgidica



DIANTHUS BARBATUS—Sweet William



PYRETHRUM—Roseum

## Hardy Perennial Plants—(Continued)

### DIANTHUS—(Continued)

	Per 100
Dentosus Hybridus. A red Siberian variety flowering in July.....	\$10.00
Diadematus. Rose sprinkled white.....	10.00
Johnson's Giant. A choice mixture. Many colors.....	10.00
Nigrescens. Black.....	10.00
DIELYTRA SPECTABILIS (Bleeding Heart).....	35.00
DIGITALIS. Ambigua, Pink, Purple, White.....	10.00
The Shirley Hybrids. The finest obtainable in choicest mixed colors..	12.00
ECHINOPS Ritro (Globe Thistle). 3-5 ft. Deep metallic blue globular heads. Can be dried for winter bouquets.....	10.00
ERIGERON Amos Perry. Lavender-blue flower.....	15.00
Speciosus. Hardier than Amos Perry.....	12.00
EUPATORIUM Ageratoides. Fine white flower; 3-3½ ft. tall. Fall bloomer.....	10.00
Coelestinum. Light blue flowers similar to ageratum.....	10.00
Purpureum (Joe Pye Weed). 6-7 ft. July-September. Pink flower, purple stalked. Good for bold effects in border or against shrubbery..	10.00
EUPHORBIA Polychroma. Bears masses of chrome-yellow flowers in early spring.....	10.00
FUNKIA Lanceolata. Dark blue 1 ft.....	10.00
Variegata. Variegated foliage; blue flowers.....	15.00
GAILLARDIA Grandiflora. Light yellow, red center.....	10.00
New Hybrids. The best strain many colors.....	10.00
GEUM Lady Stratheden. New double rich golden yellow.....	15.00
Mrs. Bradshaw. Very large double scarlet.....	10.00
GYPSOPHILA Bristol Fairy and Ehrli. The new double perennial gypsophilas that are the best introductions of recent years for retail florist to use as a cut flower, fresh or dry. Strong grafted plants.....	50.00
Paniculata, Single, white.....	10.00
+Repens. Dwarf white Baby's Breath.....	10.00
HELENIUM Hoopesii. Rich orange-yellow.....	10.00
Autumnale Gartensoenne. 2 to 4 ft. Flowers golden yellow, velvety brown center. August-September.....	10.00
Superbum. Large clear light yellow, flowers in September. 2-4 ft.....	10.00
Riverton Beauty. Rich lemon-yellow, with a large purplish black cone; 4 ft.....	15.00
Riverton Gem. Wallflower red. August to October.....	15.00
+HELIANTHEMUM Mutabile. Rock Rose. Evergreen low-growing, covered with bloom during July and August. Rose changing to Lilac and white.....	10.00
HELIANTHUS Multiflorus Fl. Pl. (Dahlia Sunflower).....	10.00
HEMEROCALLIS (Day Lily). Aureole. Golden yellow. Flowers in May and June. 3 ft. tall.....	10.00
Citriana. Large flowers of lemon-yellow; very fragrant. 3 ft. tall.....	10.00
Dr. Regel. Rich orange-yellow. Flowers in May. 1½ ft. tall.....	10.00
Flava. Pale yellow.....	10.00
Fulva Kwanso Fl. Pl. Double orange.....	10.00
Hybrida Soverign. Dark orange. Flowers in June. 2-3 ft. high.....	10.00
HESPERIS Purpurea. Purple.....	10.00
HEUCHERA Brizoides. Rose color.....	10.00
Nancy Perry. Coral pink flowers.....	10.00
New Hybrids. A wonderful selection in many colors and types.....	10.00
Sanguinea. Long stems with large crimson-scarlet flowers.....	10.00
HIBISCUS. Mallow Marvels. White, Pink, Red and Mixed.....	10.00
HOLLYHOCK Double White, Pink, Yellow, Maroon and Red.....	10.00
Single White, Pink, Yellow, Maroon and Red.....	10.00
New Allegheny. Semi-double flowers with fringed edges.....	10.00
HYPERICUM Moserianum (St. John's Wort). 3 ft. A splendid new shrub-like plant with golden yellow flowers.....	10.00
LAVENDULA Vera, True Lavender.....	10.00

	Per 100
LIATRIS Pycnostachya. Flowers purple, in dense spikes, which bloom a long time.....	\$10.00
Spicata (Button Snakeroot). Spikes 6 to 15 inches long; flower purple.....	10.00
LINUM Perenne. A desirable plant for the border or rockery, growing 1½ ft. high, with light graceful foliage and large blue flowers all summer.....	10.00
LYCHNIS Chalcedonica. Scarlet.....	10.00
LYSIMACHIA Nummularia. Creeping Jenny; money wort. A creeper with yellow flowers in June and July.....	10.00
LYTHRUM Rose Queen. A remarkable free blooming variety. Long spikes of rosy pink flowers. Specially good for bog gardens.....	10.00
MERTENSIA Virginica. Blue Bells. Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May and June.....	10.00
MINT. The spearmint used for flavoring.....	8.00
MONARDA Didyma. Terminal heads of rich scarlet flowers emitting a very pleasant fragrance.....	10.00
Fistulosa. Flowers crimson or rosy-red.....	10.00
NEPETA Mussini. Dwarf pale blue.....	10.00
OENOTHERA Youngii. Lemon-yellow flowers. A stocky grower.....	10.00
PACHYSANDRA Terminalis. A low evergreen, broad leaved, ground cover. Thrives in the shade where grass cannot be grown.....	8.00
PAPAVER Nudicaule. Yellow, orange, or white.....	10.00
Oriental. Royal Scarlet.....	10.00
Mrs. Perry. Orange-apricot.....	15.00
PENTSTEMON Digitalis. White flowers with purple throats on long spikes.....	10.00
PHYSALIS Franchetii. Bright orange-scarlet lantern-like fruit which, when cut, will last all winter.....	8.00
PHYSOSTEGIA Alba. Stately spikes 2 to 3 ft. tall, in August and September.....	10.00
Vivid Grandiflora. Deep pink. 2 ft.....	15.00
Virginiana. Delicate pink.....	10.00
POLEMONIUM Reptans. Showy blue flowers. Dwarf, compact and about 10 in. tall.....	10.00
POLYGONATUM Multiflorum (Solomon's Seal). Arching sprays of greenish white flowers.....	10.00
+PRIMULA Acaules. English Primrose. Bright lemon-yellow, early and fragrant. April and May.....	10.00
+Japonica (Japanese Primrose). Canary-yellow, fragrant.....	10.00
+Rheingold. Orange and yellow. June and July.....	10.00
+Veris Grandiflora. Hybrids. Shades of Lilac, violet, purple with a wide range of buff, orange, salmon, and rich reds.....	10.00
Munstead Strain.....	10.00
PYRETHRUM Roseum. Single. Mixed.....	10.00
Carl Vogt. The finest double pure white.....	20.00
Uliginosum. Daisy-like flower.....	10.00
Mixed. A fine strain of many colors, single and double.....	10.00
RANUNCULUS. Acris Fl. Pl. True double Buttercup.....	10.00
RUDBECKIA Golden Glow. Yellow.....	10.00
Compacta. Dwarf compact grower with medium-size flower. Golden yellow.....	10.00
SALVIA Azurea. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 3 to 4 ft.....	15.00
Officinalis. (Common Sage).....	6.00
Pitcher. Rich gentian-blue, 3-4 ft. high, much branched.....	15.00
+SAPONARIA Ocyroides Splendens. Clouds of pink flowers.....	10.00
+SEDUM Acre. Bright yellow golden moss.....	10.00
+Brilliant. Bright scarlet.....	10.00
Rubrum. Brilliant red.....	10.00
Spectabile. Large heads of pink flowers. 18 in. high.....	10.00
Sieboldii. Foliage changes from blue to cream and then to coral-rose. Flowers rose pink. Height, 9 in.....	10.00

Hardy Perennial Plants—(Continued)

SIDALCEA Rose Queen. Rose-pink flowers.....	Per 100	\$10.00
SILENE Shafta. Bright rose.....		10.00
SOLIDAGO Canadensis. Masses of golden yellow flowers. 4-5 ft. July and September.....		10.00
Missouriensis. Aster Flowered Golden Rod. The flowers, like a miniature Aster, are produced abundantly from August to October; it grows about 18 in. high.....		15.00
SPIRAEA Filipendula, fl. pl. (Dropwort.) Double white.....		15.00
STATICE Latifolia. Lavender.....		12.00
STOKESIA Cyanea. 18-24 in. high with centaurea-like flowers from early July until frost.....		10.00
Coerulea. Beautiful light blue.....		10.00
Coerulea Alba. White-flowered form of the above. 1-1½ ft.....		12.00
TARRAGON True. Used for cooking purpose.....		10.00
THALICTRUM Adiantifolium. Finely cut maidenhair-like foliage, with light plumes of small whitish flowers.....		10.00
Dipterocarpum. A new introduction from China. Very graceful plumes of rosy purple flowers and conspicuous yellow anthers.....		15.00
Flavum. Yellow flowers.....		12.00
Glaucum. Fine cut glaucous foliage. Bronze yellow flowers in June. 2 ft.....		12.00
TRADESCANTIA Virginia. Blue flowers.....		10.00
TRILLIUM Grandiflorum. White.....		6.00
TRITOMA Pfitzeri. (Red-Hot Poker Plant.).....		15.00
VERONICA Amethystina. Royal blue, 4-6 in. June and July.....		10.00
Longifolia. Subsessilis. Spikes completely studded with beautiful blue flowers. July to September.....		10.00
+Rupestris. Deep green foliage; 4 in. high, with bright blue flowers in Spring.....		10.00
Spicata. Long violet blue spikes in June and July. 18 in.....		10.00
Alba. Long snow-white flowers in June and July. 18 in.....		10.00
VINCA Minor. A trailing, evergreen plant, used for carpeting the ground under shrubs, trees or on graves; too shady for grass or other plants to thrive.....		8.00
VIOLA Jersey Gem (New). Short, bushy growth, blooming throughout the summer, having flowers of a rich, pure violet. Long stems make it a good cut flower variety.....		15.00
YUCCA Filamentosa. White, 2 year.....		10.00
3-year.....		15.00

Hardy Ferns

ADIANTUM Pedatum (Hardy Maidenhair).....	15.00
ASPIDIUM Cristatum.....	15.00
Moserianum.....	15.00
Spinulosum.....	15.00
Thelypteris.....	15.00
ASPLENIUM Filix-foemina (Lady Fern).....	15.00
ONOCLEA Struthiopteris (Ostrich Fern).....	18.00
OSMUNDA Claytoniana (Flowering Fern).....	18.00

Hardy Phlox

BARON VON DEDEM. Brilliant orange-scarlet with immense trusses and individual flowers.....	15.00
BRIDESMAID. Pure white with large crimson-carmine eye.....	10.00
ECLAIREUR. Brilliant rosy magenta with large lighter halo.....	6.00
ELIZABETH CAMPBELL. Bright salmon-pink with lighter shading and dark red eye; one of the handsomest and most attractive.....	18.00
EUROPE. White, distinct carmine eye, large flower.....	18.00
JULES SANDEAU. Dwarf; very large-flowering; pure pink. One of the finest.....	20.00
LA VAGUE. Pure Mauve with aniline red eye.....	6.00
MISS LASSBURG. The purest snow-white in cultivation. Extra fine large open truss, ideal as a cut flower.....	10.00
MISS LINGARD. (Sufruticosa.) Pure white; the earliest of all. Blooms all summer. Good for cut flowers.....	10.00

Vaughan's Peonies

Since September is the best time to plant these, we have put only a few varieties in storage and can only supply them in divisions of from 2 to 5 eyes, while the stock lasts.

WHITE AND LIGHT SORTS

8.7 <b>Avalanche.</b> Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. Each A splendid white; crown type; late midseason.....	Each	10	100
		\$0.60	\$5.00 \$40.00
7.8 <b>Duc de Wellington.</b> Very large, well-formed sulphur-white bloom, stems very firm and long; fragrant.....	.30	2.50	20.00
8.1 <b>Duchess de Nemours.</b> (Calot.) Sulphur-white with greenish reflex, cup-shape.....	.35	2.50	20.00
9.1 <b>Frances Willard.</b> Blush-white changing to pure white.....	2.00	17.50	.....
7.9 <b>Madame de Verneville.</b> Guard petals sulphur-white, center delicate rose-white, one of the most desirable of the white Peonies for all purposes. June rose fragrance.....	.30	2.50	20.00
		1000, \$180.00	
8.5 <b>Marie Lemoine.</b> Large, compact, pure white, cream-white center, carmine tips. Fragrant; late.....	.50	4.00	30.00
6.8 <b>Queen Victoria.</b> The best white for general use. A splendid keeper and shipper and for cold storage. Bomb type; early.....	.25	2.25	20.00
		1000, \$180.00	

LIGHT AND DARK PINK AND ROSE

7.1 <b>Alexander Dumas.</b> Light violet-rose, of medium size. A creamy white collar of narrow petals mingled with the white outer petals. A fine cut-flower variety. Early midseason.....	.35	2.50	20.00
8.7 <b>Claire Dubois.</b> Clear, satiny pink, with glossy reflex. Late midseason.....	.75	6.00	50.00
7.7 <b>Dorchester.</b> Creamy flesh-color, tinged with pink.....	.35	3.00	20.00



HARDY PHLOX

HARDY PHLOX—(Continued)	Per 100
PROF. VIRCHOW. Bright carmine overlaid with vivid orange-scarlet.....	\$15.00
RHEINLANDER. A new variety of great beauty, a rare shade of salmon-pink intensified by a distinct claret-red eye. Flowers and truss of unusual size.....	15.00
RHYNSTROM. Beautiful rosy pink color not unlike that of Paul Neyron rose. A good strong grower and very free-flowering.....	15.00
RIVERTON JEWEL. A lovely mauve-rose with a brilliant carmine-red eye.....	15.00
R. P. STRUTHERS. Rosy carmine with claret eye. Very bright.....	15.00
SIEBOLD. Orange-scarlet with crimson center.....	10.00
SIR EDWIN LANDSEER. A good light red slightly tinged with rose.....	15.00
THOR. A splendid variety of a lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow.....	15.00
WANADIS. Lilac with violet eye.....	8.00
DWARF AND ALPINE PHLOX—Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for the front of borders and over gates.	
Divaricata Canadensis. Large fragrant lavender flowers.....	Per 100 \$10.00
Alba. Pure white like above.....	10.00
Subulata Alba. Pure white.....	10.00
Rosea. Rose pink.....	10.00

5 of a Kind at the Ten Rate  
25 of a Kind at the 100 Rate

LIGHT AND DARK PINK AND ROSE—(Continued)

7.6 <b>Edulis Superba.</b> Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day.....	Each	10	100
		\$0.35	\$2.50 \$20.00
7.9 <b>Jeanne d'Arc.</b> Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. A vigorous plant; midsummer bloomer; fragrant.....	.30	2.50	20.00
7.8 <b>Modele de Perfection.</b> Large, rose-type bloom, light pink center shaded darker with silvery border. Good late variety.....	.50	4.00	30.00
8.7 <b>President Taft. (Reine Hortense.)</b> Delicate hydrangea-pink. A vigorous, strong grower and profuse bloomer; midseason.....	1.00	7.50	60.00
7.4 <b>Princess Beatrice.</b> Light violet-rose with crimson flecks; compact and large; free-bloomer; fragrant; early midseason.....	.30	2.50	20.00

RED AND CRIMSON

8.4 <b>Felix Crousse.</b> Best red for florists.....	1000, \$350.00	.50	4.50	40.00
6.9 <b>Louis Van Houtte.</b> Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late.....		.35	3.00	25.00
7.5 <b>Marechal Valliant (Grandiflora Rubra).</b> Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the largest red.....		.35	3.00	25.00
8.6 <b>Officinalis Rubra Plena.</b> This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut flower.....		.50	4.50	40.00
8.8 <b>Richard Carvel.</b> Very early, deep red. In bloom with Edulis Superba. Fragrant. Ranks with Karl Rosenfield and M. Martin Cahuzac as the three best dark red peonies.....		3.50	32.50	300.00



# Greenhouse Plant Department



FANCY LEAVED CALADIUM

Prices F. O. B. Western Springs, Illinois, where we ship by Express and C. B. & Q. R. R. All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

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

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we cannot entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

We list on this page only a few of the many greenhouse plants. Our special lists of small plants to grow on and plants for special occasions appear from time to time. If you do not receive your copy, write for it.

	100	1000
ASPARAGUS Plumosus. Seedlings from flats.....	\$ 1.50	\$ 10.00
2 1/4-inch.....	6.00	50.00
3 -inch.....	10.00	.....
4 -inch.....	18.00	.....
Sprengeri. Seedlings from flats.....	1.50	8.00
2 1/4-inch.....	5.00	45.00
3 -inch.....	8.00	.....
4 -inch.....	15.00	.....
Chatelaine Supreme. Large, silvery pink flowers; strong, vigorous grower 2 1/4-inch.....	7.00	65.00
Luminosa. Bright scarlet. Red foliage. 2 1/4-inch.....	6.00	50.00

## BOSTON FERNS

We grow our Bostons bushy and well furnished from the pot up. They are pot-grown and are worth double the long, drawn, bench lifted stock. Our customers are "repeaters" on these. That's why we are always sold out early.

	Each	Doz.	100
4-inch.....	\$0.35	\$ 3.50	\$ 30.00
5-inch.....	.60	6.60	50.00
6-inch.....	.85	9.60	75.00
7-inch.....	1.25	13.75	100.00
8-inch.....	1.50	2.00	.....
10-inch.....	3.00	to 4.00	.....
TABLE FERNS, assorted varieties. 2-inch.....	1.25	8.00	.....

FICUS <i>Elastica</i> . (Rubber Plant.)—Large-leaved variety, useful for decorations and house plant.	Each	Doz.
5-inch.....	\$0.75	\$ 8.00
6-inch.....	1.25	12.00

## CALADIUMS—Vaughan's Special Fancy Leaved

For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled veined and striped with white, pink and dark red. Bulbs should be started into growth about March 1st in a warm house.

Dry Bulbs, Separate Colors, named.....	100	1000
Dry Bulbs, Mixed Colors.....	\$17.50	\$160.00
	14.00	135.00
	Each	Doz.
Choice and rare varieties, named.....	\$3.50	22.50
Started Plants. Ready about May 1st, 3-inch.....	3.50	25.00
4-inch.....	\$0.60	.....
5-inch.....	1.00	.....
6-inch.....	1.50	.....

COLEUS Mrs. W. G. Harding. Veins and center of leaves blood-red bordered with velvety maroon and edged with green. 2 1/2-inch.....	\$5.00	\$45.00
Beckwith's Gem. Center velvety maroon bordered with red. The edge is green, changing to creamy yellow at point of leaf. 2 1/2-inch.....	5.00	45.00
Golden Bedder. Golden yellow; the old original; true to name. 2 1/2-inch.....	5.00	45.00
Verschaffeltii. Rich velvety crimson; standard variety. 2 1/2-inch.....	5.00	45.00



BOSTON FERN

DRACAENA <i>Indivisa</i> . Long green leaves. 2 1/2-inch pots.....	100	1000
From 3-inch pots.....	\$ 6.00	\$50.00
From 4-inch pots.....	10.00	90.00
From 5-inch pots.....	25.00	.....
	60.00	.....

## FUCHSIA

BLACK PRINCE. A bright, waxy carmine; tube and petals large and broad, with pale green tips; open pale pink corolla. 2 1/4-inch.....	6.00	.....
ELM CITY. Sepals a rich crimson; corolla deep purple and very double, free-flowering and easy to grow. 2 1/4-inch.....	8.00	.....
MRS. E. G. HILL. Compact grower making a nice shapely plant; sepals bright crimson, white corolla, double. 2 1/4 inch.....	6.00	.....
TRAILING QUEEN. A lovely drooping habit, large flowers of rosy-scarlet and violet-purple color. 2 1/2-inch pots.....	6.00	.....

## GERANIUMS

ALPHONSE RICCARD. Large brilliant scarlet trusses. 2 1/2-inch.....	7.00	60.00
BEAUTE POITEVINE. A favorite semi-double pink. 2 1/2-in.....	7.00	60.00
RADIO RED.....	10.00	90.00
FIAT.....	10.00	90.00
LA FAVORITE. The best double white. 2 1/2-inch.....	6.00	50.00
S. A. NUTT. Best dark crimson-scarlet bedder. 2 1/2-inch.....	6.00	50.00
RED AND PINK BARNEY.....	7.00	65.00
VARIEGATED-LEAVED MME. SALLEROI. Green and white leaves.....	5.00	45.00
HELIOTROPE, Centefleur. Dark purple. 2 1/2-inch.....	6.00	50.00
IVY—English. 2 1/2-inch pots.....	Doz. \$1.00	7.00 60.00
3-inch.....	1.50	10.00 90.00
4-inch pots.....	3.00	20.00

## PLANTS TO GROW FOR XMAS

XMAS PEPPERS, Celestial. 2 1/2-inch pots.....	100	1000
POINSETTIAS, "Xmas Red." Ready June 1st, 2 1/2-inch.....	\$ 5.00	\$45.00
HOLLYWOOD. 2 1/2-inch.....	10.00	90.00
PRIMULAS. Up-to-date varieties. Grown from the finest strain of seed in the world, of which we sell large quantities to the most particular pot-plant specialists.	10.00	90.00
Obconica. 2 1/2-inch.....	6.00	50.00
Malacoides. 2 1/4-inch.....	6.00	50.00
SOLANUM. Ready about April 1st.		
Clevelandii. Dwarf. Compact. 2 1/2-inch.....	5.00	45.00

## VINCA—Major Variegata

VINCA—Major Variegata	100	1000
2 1/4-inch pots.....	\$ 5.00	\$45.00
3 -inch pots.....	10.00	.....
4 -inch.....	18.00	.....
4 -inch heavy.....	20.00	.....

SANSEVIERIA <i>Zeylanica</i> . Variegated plant especially adapted for house decoration.	Doz.	100
3-inch.....	\$3.50	\$25.00
5-inch.....	8.00	.....

# Vaughan's Cannas

In our list of sorts will be found all the good old standard kinds, and many of the best novelties, the inferior varieties being discarded every year as the merits of the newer ones are proven.

Price for Dormant Roots up to APRIL 1st, after which Pot plants are ready. All have green foliage unless otherwise specified. 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale.

## The Big Four

Price  
Per 100 Per 1000

**Hungaria** 3½ feet. The Best Pink Canna. Very compact almost dwarf, and of a very luxuriant growth. Leaves bluish green, never burns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals. Color, purest La France pink, with satin sheen.  
2 to 3-eye roots..... \$15.00 \$125.00  
3-inch pot plants..... 18.00 175.00

**\*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. 2 to 3-eye roots... 5.00 45.00  
3-inch pot plants..... 10.00 90.00

**\*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..... 5.00 45.00  
3-inch pot plants..... 10.00 90.00

**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.  
2 to 3-eye roots..... 5.00 45.00  
3-inch pot plants..... 10.00 90.00

### New and Rare Varieties

**AMBASSADOR.** 3½ to 4 ft. 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.  
2 to 3-eye roots..... 8.00 75.00  
3-inch pot plants..... 12.00 110.00

**CITY OF PORTLAND.** 3½ ft. Distinct among the several really worth while pink Cannas. A deep pink which does not fade during the hot weather; a free bloomer with flowers borne well above the foliage.  
2 to 3-eye roots..... 15.00 125.00  
3-inch pot plants..... 18.00 .....



YELLOW KING HUMBERT



THE PRESIDENT  
The very best red-flowered green-leaved Canna

**NEW AND RARE VARIETIES—Continued**

	100	1000
<b>EUREKA.</b> 4 ft. Remarkably free flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. 2 to 3-eye roots..... \$ 9.00 \$ 80.00 3-inch pot plants..... 12.00 110.00		
<b>KING MIDAS.</b> 5 ft. A rich deep gamboge yellow unadulterated, and remarkably permanent. Extra free bloom just nicely clearing the leaves in bulky self-cleaning trusses. A good deep yellow variety. 2 to 3-eye roots..... 9.00 80.00 3-inch pot plants..... 12.00 110.00		
<b>MRS. ALFRED F. CONARD.</b> 4 ft. Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green. 2 to 3-eye roots..... 15.00 125.00 3-inch pot plants..... 18.00 .....		

**\*NOKOMIS.** Large vivid crimson flowers with a rich, silky sheen on the large petals. Bronze foliage.  
2 to 3-eye roots..... 5.00 45.00  
3-inch pot plants..... 10.00 90.00

**ROSEA GIGANTEA.** 3 to 4 ft. A magnificent showy Canna of a rose to carmine-pink shade; flower heads of immense size.  
2 to 3-eye roots..... 15.00 125.00  
3-inch pot plants..... 18.00 .....

**\*STATUE OF LIBERTY.** 6 to 7 ft. Bronze foliage. Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large.  
2 to 3-eye roots..... 4.50 40.00  
3-inch pot plants..... 10.00 90.00

### Standard Varieties

	Dormant Roots 2 to 3-eye		3-inch Pot Plants	
	100	1000	100	1000
<b>APRICOT.</b> 4 ft. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot.....	\$ 5.00	\$45.00	\$10.00	\$ 90.00
<b>CHAS. HENDERSON.</b> 4 ft. Bright crimson.....	3.00	25.00	8.00	75.00
<b>CRIMSON BEDDER.</b> Scarlet flowers; green foliage.....	3.00	25.00	8.00	75.00
<b>DAVID HARUM.</b> 3½ ft. Bronze foliage, vermilion-scarlet.....	3.00	25.00	8.00	75.00
<b>FLORENCE VAUGHAN</b> (true stock). 5 ft. Yellow, spotted crimson..	3.00	25.00	8.00	75.00
<b>*FREDERICK BENARY.</b> Flowers are currant red with an orange throat and yellow border.....	3.00	25.00	8.00	75.00
<b>GLADIATOR.</b> Deep yellow dotted with red. Green foliage.....	3.00	25.00	8.00	75.00
<b>*INDIANA.</b> 5 ft. Orchid-flowered variety, with rich golden orange flowers often seven inches across.....	3.00	25.00	8.00	75.00
<b>*LONG BRANCH.</b> Scarlet with a yellow border; green foliage.....	3.00	25.00	8.00	75.00
<b>*LOUISIANA.</b> 6 ft. Green foliage, large vivid scarlet.....	3.00	25.00	8.00	75.00
<b>QUEEN CHARLOTTE.</b> 4 ft. Orange-scarlet with gold band.....	3.00	25.00	8.00	75.00
<b>SHENANDOAH.</b> Pink and salmon with bronze foliage.....	4.00	35.00	12.00	100.00
<b>SOUV. DE A. CROZY.</b> 4 ft. Crimson with yellow border.....	3.00	25.00	8.00	75.00
<b>VENUS.</b> 3½ ft. Rosy-pink-mottled creamy yellow border.....	5.00	45.00	12.00	110.00
<b>*WINTZER'S COLOSSAL.</b> 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.....	4.00	35.00	10.00	90.00
<b>*WYOMING.</b> 7 ft. Bronze foliage, massive orange flowers.....	4.00	35.00	10.00	90.00
<b>MIXED.</b> All kinds and colors.....	2.50	20.00	8.00	75.00

\*All marked \* are Orchid Flowering Varieties



COMMERCIAL TYPE GLADYS PEARSON



MRS. GREENING



LARGE-FLOWERING OUTDOOR TYPE

# Vaughan's Chrysanthemums

**C**HRYSANthemUMS are becoming more popular every year. The exceptionally late fall this year brought out the best there was in the hardy outdoor varieties.

Your customers saw fine "Mums" outdoors last fall and will want their own next fall. Have you a stock of plants to sell them next spring?

Greenhouse "Mums" for cut flowers or potted plants are always essential. The best way is to have a steady supply from start to finish.

Note the list of good tested varieties we offer. They are being grown in a great many localities under a great diversity of conditions and are giving results. Prepare for next season's business by ordering now from our selected stock.

## For Cut Flowers

A few of the best to grow in the greenhouse for cut flowers. Write for our complete list which will be ready in January.

Prices on the varieties below, except where noted, are:

Rooted Cuttings.....	Per 100, \$4.00	1000, \$35.00
2 1/4" Pots.....	Per 100, 5.00	1000, 45.00

**MRS. NELLIE T. ROSS.** Light yellow, possibly a shade lighter than that of Maj, Bonaffon. Late flowering period, November 30 into December. 4 1/2 feet in height. Rooted Cuttings: 100, \$7.00; 1000, \$65.00. 2 1/4" Pots: 100, \$8.00; 1000, \$75.00.

**GLADYS PEARSON.** A new shade for Thanksgiving use maturing November 20 to 25. The upper surface of petals is apricot and the reverse buff which illuminates under artificial light to bright orange. Strong grower, 5 feet from June planting. Rooted Cuttings: 100, \$7.00; 1000, \$65.00. 2 1/4" Pots, 100, \$8.00; 1000, \$75.00.

**BETSY ROSS.** Undoubtedly this is one of the finest white yet produced from the commercial grower's point of view. Its perfect incurved form, purity of color and sturdy, upright growth are qualities most essential. It produces a very high percentage of perfect blooms regardless of the date of planting, and thus can be likened to Tiger as being invincible. Height, 4 feet from June planting.

**GOLDEN GLORY.** A good mid-season yellow for commercial growers.

**DECEMBER GLORY.** One of the best pure white produced for late flowering. Petals incurve throughout, forming a perfectly spherical flower 6 inches in diameter. Has fine stem and foliage.

**ADRIAN'S PRIDE.** Is as bright a yellow as Marigold. We have no hesitancy in endorsing this variety for Thanksgiving use or to replace Golden Chadwick. Height, 4 feet from June planting. Fully double from buds. Mature November 20 to 30.

**YULETIDE.** The latest and best white pompon known at the present time.

**IMPROVED CHADWICK.** The pure white sport of the well known W. H. Chadwick.

**McNIECE.** A midseason pink a little darker than shell pink. Arrangement of the petals irregular, outer ones reflexed, centre incurved. Rather dwarf so plant early in June. It also makes an excellent pot plant. Select bud, Sept. 25.

## For Pot Culture

We have found the following varieties to be among the best. Those marked (\*) are also good varieties for bench culture.

Prices of any of the varieties below:

Rooted Cuttings.....	100, \$6.00	1000, \$55.00
2 1/4" Pots.....	100, 7.50	1000, 65.00

**BRUTUS.** Beautiful shade of bronze; most useful as a specimen plant.

**J. W. PRINCE.** Dark pink sport of Chieftain.

**GOLDEN WEDDING.** Deep Golden Yellow. Makes a fine pot plant.

**LILLIAN DOTTY.** Early pink. Large ball-shaped flowers.

**LOUISE DAVENPORT.** Deep Bronze.

\***MRS. F. BEU.** Medium sized flowers of a beautiful shade of bronze.

**PATTY.** A beautiful shell-pink Japanese variety, dwarf habit. This is very fine, both in color and habit.

**THANKSGIVING PINK.** A clear deep pink without any shadings, strong compact grower with heavy foliage.

**THE BARD.** Dark crimson. Very free-flowering. Makes fine pot plant.

**W. H. LINCOLN.** Bright yellow. A well-known variety.

**W. H. WAITE.** Deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers.

## Caprice du Printemps Type

A new early-flowering strain and ideal for pot culture. Can be planted out in the open ground in May if desired. Best sellers and money-makers for every plantsman. Flowers about 3 to 4 inches across when well grown.

Prices of any of the varieties below:

Rooted Cuttings.....	100, \$6.00	1000, \$55.00
2 1/4" Pots.....	100, \$7.00	1000, 65.00

**BUTLER'S CAPRICE.** Deep pink.

**IMPROVED YELLOW CAP.** Deep yellow.

**KATHERINE THOMPSON.** Crimson, strong grower.

**LILAC CAP.** Deep lilac, very showy.

**PURPLE CAP.** Purple without any markings. Dwarf compact grower.

**WHITE CAP.** Pure white.

## Outdoor Chrysanthemums

The following will furnish an abundance of flowers from August until heavy frost.

### Large-Flowering

The following varieties are a cross between French varieties and the Hardy English varieties, and have gained popularity in this country during the past two years, as, with slight protection, they will withstand our severe winters. Care should be exercised in planting these in early spring, so that they establish themselves for the vigors of our winters, and not planted in the Fall.

**A. BARHAM.** Bronze; incurving.

**CARRIE.** End of August. Yellow, in cluster form.

**CRANFORDIA.** Exceptionally early; deep bronze-yellow.

**CRANFORDIA PINK.** Beautiful shade of light pink.

**CRANFORDIA WHITE.** Purest white; very desirable.

**FIREFLY.** A reddish bronze; very early, until late frost.

**G. GRUNNERWOLD.** Light pink of the Japanese type. One of the best.

**GOLDEN QUEEN.** Large pure golden yellow.

**HARDY PINK.** This is one of the hardiest varieties we know of. Flowers are of a deep rose-pink of medium size; very free-flowering.

**LE PACTOLE.** Very pleasing shade of bronze; free and early.

**MRS. H. H. CRANE.** Brilliant mahogany striped golden yellow. A strong grower and early flowering.

**WOLVERINE.** Bright yellow; produces large sprays.

## Pompons

Pompons are becoming more popular year by year, being especially desirable for pot plants and a distinctive grace and beauty to floral decorations of all kinds.

Price, any of the varieties below:

Rooted Cuttings.....	100, \$6.00	1000, \$55.00
2 1/4" Pots.....	100, 7.00	1000, 65.00

**BIJOU ROSE.** A beautiful rose color.

**BRONZE QUEEN.** Bronze red, underlaid with yellow, changing to orange with yellow showing through. Petals flat but slightly twisted when matured.

**CHARLOTTE.** Deep bronze, small type.

**CLORINDA.** Semi-dwarf, producing erect sprays on an even shade of bronze; a good Thanksgiving variety.

**COMETA.** Dark rose-shaded magenta. Very symmetrical in form, with strong stems.

**FAIRY QUEEN.** Very handsome bright pink.

**FRANCIS HUCKVALE.** Pure white; very free bloomer; early.

**HILDA CANNING.** Reddish bronze; very fine sort.

**KATE MANNING.** Reddish bronze; very early.

**MISS SEELEY.** White. One of the best earlies.

**UNEDA.** Deep yellow, early.

**WINNETKA.** Pure white; very free-flowering.

**YELLOW GEM.** Pure yellow; large full flowers.

**ZODA.** An early bright rose pink.

# Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these send us your list and we will quote on such varieties as we can supply.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

## Decorative

	Doz.	100
<b>AUGUSTINUS.</b> The ground color is a salmon overlaid with bright metallic lilac, splendid stem.....	\$3.50	\$25.00
<b>CHAMPAGNE.</b> A golden champagne with chamoise shadings. Fine habit of growth, good stem and freedom of flowering....	9.00	.....
<b>CHARM.</b> A much admired free-flowering variety on long, stout, wiry stems, a most pleasing combination of burnt orange shading to yellow.....	5.00	25.00
<b>DAVID HARUM.</b> Bright orange-scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 inches across. Thick, wide petals, full to the center.....	1.25	8.00
<b>DAKOTA.</b> Bright, coppery flame. Large flowers, held upright on stiff stem. A strong, vigorous grower.....	6.50	50.00
<b>GLORY OF ARGONNE.</b> Delicate violet rose shading to white at center; perfect even form on erect stem. Fine for cut flower and exhibition.....	4.50	35.00
<b>HENRY PATRICK.</b> A pure waxy white, blooms very freely, flowers 5 to 7 inches in diameter.....	1.25	8.00
<b>HOCHSAL.</b> A soft scarlet, tinted lighter at tips. Flowers borne on stiff stems.....	4.00	30.00
<b>INSULINDE.</b> This is a giant Dahlia, borne on long stems well above the foliage. Is a rich orange and bronze.....	6.50	50.00
<b>JACK'S DISCOVERY.</b> White mottled with violet-rose. Flowers of medium size, borne on stiff stems.....	1.50	10.00
<b>JACK ROSE.</b> A rich velvety crimson.....	1.25	8.00
<b>JACQUES URLUS.</b> Large salmon-pink shading to pale amber center.....	1.75	12.00
<b>JERSEY'S BEAUTY.</b> This is the finest true pink Dahlia produced, not a shade of lavender but a clear pink supported on long, stiff, straight stems. It is early and free-flowering continuing perfect to the end of the season. As a cut flower it is one of the best keepers and is equally valuable for the garden.....	6.50	50.00
<b>JERSEY'S EMPEROR.</b> Dark maroon; flowers of good size; produced very freely on good stems.....	4.50	35.00
<b>JERSEY'S KING.</b> Begonia rose. Flowers very large and broad petaled; stems very stiff; very robust grower and free bloomer.....	6.50	50.00
<b>JUDGE ALTON B. PARKER.</b> A magnificent golden buff color; flowers very large, which are carried erect on strong, stiff stems, well above the foliage.....	4.50	35.00
<b>JUDGE MAREAU.</b> A perfect wonder in color. The combination of colors almost indescribable. A salmon-pink, orange, yellow and pure gold. Good stems and a free early bloomer.....	4.50	35.00
<b>KING OF AUTUMN.</b> An entirely new shade of buff-yellow suffused with orange.....	3.00	20.00
<b>LA MASCOTTE.</b> The face of the petals is silvery pink, while the reverse is reddish violet; the two-toned effect produced is very novel and pleasing.....	6.50	50.00
<b>MRS. C. H. DRESSELHUIS.</b> A soft rose-pink with white suffusion towards the tips. One of the most prolific bloomers of medium size supported on very long stiff stems.....	3.50	20.00
<b>MRS. IDE VER WARNER.</b> Large perfect flowers of a charming color; a deep mauve-pink on stout stems. A good grower and free bloomer. Can be grown to a diameter of 11 inches. One of the best Dahlias in cultivation.....	4.50	35.00
<b>MINA BURGLE.</b> Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet.....	1.75	12.00
<b>MRS. CARL SALSBACK.</b> A strong, vigorous grower, color a lively shade of solferino-pink with white suffusion which intensifies its color.....	3.50	25.00
<b>PATRICK O'MARA.</b> The color is an unusually soft and pleasing shade of orange-buff slightly tinged with beautiful deep rose color. It is very large, 7 to 9 inches in diameter.....	2.50	18.00
<b>POLAR BEAR.</b> It is of the purest white. The flowers are of great size and excellent form, borne very freely on good long stems.....	3.50	25.00
<b>PRIDE OF CALIFORNIA.</b> Yellow, suffused salmon-pink, edged bright rose. Very pleasing and effective.....	3.00	20.00
<b>REVE D'AMOUR.</b> Petals irregular, making a pretty flower of large size of a pleasing crimson-pink with salmon suffusion; good stems; very free-flowering.....	2.00	15.00
<b>SNOWDRIFT.</b> Immense pure white. The plant is a dwarf grower of branching habit and a free bloomer. One of the largest and best.....	3.50	30.00
<b>SYLVIA.</b> White shading to soft pink on the outer petals.....	1.25	8.00
<b>THE MILLIONAIRE.</b> (Gold Medal Dahlia.) Most delicate lavender with faint pink cast overshadowing it. Flowers measure 6 to 9 inches.....	4.00	30.00

## Cactus Varieties

<b>AURORA.</b> Delicate reddish apricot suffused with flesh-pink shading lighter towards the tips of the petals.....	1.50	10.00
<b>ATTRACTION.</b> Very large, perfect and full flowers of a clear lilac-rose color; producing fine flower stems.....	3.00	20.00
<b>BEATRICE.</b> An extremely large flower one of our best, color true lilac.....	2.00	15.00
<b>BIANCA.</b> Lilac-rose, very free-flowering and a wonderful variety for cut flowers.....	3.00	20.00

## CACTUS VARIETIES—Continued

	Doz.	100
<b>COUNTESS OF LONSDALE.</b> A delicate apricot, shading towards the edges of the petals to carmine-pink. Good stem and free and early flowering.....	\$2.00	\$15.00
<b>ETENDARD DE LYON.</b> One of the best of the Cactus type. Broad, wavy petals of a color between a rich carmine rose and royal purple.....	2.00	15.00
<b>EXTASE.</b> A splendid large flowering variety, color a beautiful rose overlaid with yellow, which deepens toward center.....	3.00	20.00
<b>F. W. FELLOWS.</b> Flowers of immense size composed of numerous long narrow incurved petals of a lively orange-scarlet.....	3.00	20.00
<b>GOLDEN WEST.</b> A rich golden, bronzy yellow with scarlet shading at the base of the petals and the center.....	2.00	15.00
<b>J. H. JACKSON.</b> A perfect, gorgeous, deep velvety blackish maroon. Gigantic in size. Every Dahlia lover should grow this variety.....	1.75	12.00
<b>JUSTICE BAILEY.</b> Delicate flesh rose-pink shaded white to center, size of bloom and length of stem makes this variety all that can be desired.....	3.00	20.00
<b>KALIF.</b> Pure scarlet. A true majestic flower frequently measuring 8 to 10 inches in diameter; strong grower.....	3.00	20.00
<b>MARJORIE CASTLETON.</b> A fine soft pink, blooming early and continuously. It is a rapid grower, with good stems.....	2.00	15.00
<b>MRS. ETHEL F. F. SMITH.</b> Creamy white, shading to a lemon tint at the center. Immense flowers produced freely on long stiff stems.....	3.00	20.00
<b>MRS. H. WIRTH.</b> A rich, glowing, intense scarlet, free blooming.....	1.75	12.00
<b>NIBELUNGENHORT.</b> This is always admired with flowers composed of rather broad, more or less curled, and twisted petals of a beautiful shade of old rose with golden apricot suffusion. Strong, vigorous grower and stiff, long stems.....	4.00	30.00
<b>RHEINISCHER FROHSIUM.</b> The flowers are large, of splendid form; the long, incurving petals are white at the base but about one-half their length they become suffused with and change to a luminous carmine-rose. A high-class cut flower....	3.00	20.00
<b>SUNSET GLOW.</b> The color is yellow at base of petal, outer part overlaid flame scarlet, tipped yellow. The plant is one of the very first to bloom, of medium height, 3 to 4 feet, and branching habit. It is an extremely profuse bloomer and every one is perfect.....	4.00	30.00
<b>YELLOW KING.</b> An unusually large flower of pure yellow, very rich in color; freely produced on long stiff stems; ideal for cutting.....	2.00	15.00

## Peony-Flowered

<b>AVALANCHE.</b> A splendid pure white. An early and free bloomer.....	1.75	12.00
<b>LAURA BARNES.</b> One of the most popular Dahlias of recent introduction. Its large flowers are an attractive shade of orange-red.....	1.50	10.00
<b>JAN OLIESLAGERS.</b> Deep primrose-yellow.....	1.50	10.00
<b>TYRREL AUSTIN.</b> Outer petals a rich carmine red, inner petals beautifully blended and veined carmine, shades of yellow and pink.....	1.50	10.00

## Show and Fancy Dahlias

<b>A. D. LIVONI.</b> A beautiful soft pink flower with quilled petals.....	1.50	10.00
<b>DREERS WHITE.</b> Large pure white quilled petals. A dwarf grower with long drooping stems. A good bloomer.....	2.00	15.00
<b>ELSIE BURGESS.</b> The color is a delicate white ground tipped and suffused with a beautiful lavender and faint light pink. The stems are straight and stiff; a free-blooming Dahlia; very desirable for cut flower purposes.....	1.50	10.00
<b>MAUD ADAMS.</b> Snowy white, overlaid clear delicate pink. Vigorous grower; one of the best.....	2.00	15.00
<b>ROBERT BROOMFIELD.</b> Pure white, of excellent form. Highly recommended.....	1.25	8.00
<b>STRADELLA.</b> Rich deep purple-crimson; very free-flowering; long stems.....	1.50	10.00
<b>YELLOW DUKE.</b> Pure canary-yellow, large size flowers on good stiff stems.....	1.25	8.00

## Single Dahlias

<b>MAROON CENTURY.</b> Beautiful rich maroon, large yellow center. Erect, free-flowering.....	1.50	10.00
<b>PINK CENTURY.</b> Delicate soft pink.....	1.50	10.00

## Pompon Dahlias

<b>LITTLE HERMAN.</b> Deep red, tipped white.....	1.50	10.00
<b>SNOWCLAD.</b> The best pure white pompon.....	1.50	10.00

## Un-named Dahlias

<b>DOUBLE DAHLIAS TO COLOR.</b> Good varieties in red, pink, white, yellow and variegated; strong divisions of field roots, per 1,000, \$50.00.....	.85	6.00
<b>NAMED VARIETIES.</b> Our selection.....	1.50	10.00
Field clumps to color.....	1.75	12.00

# Vaughan's Roses for Florists

One of the most satisfactory ways to give your customers complete Rose bush satisfaction is to handle rose plants as follows:

Obtain our good, strong, healthy, field grown plants during January or February. Pot them at once in 5 or 6-inch pots and keep them in cool houses or sheds that do not freeze until they are rooted. Then grow them cool until sold in April, May, or June depending on your locality.

The retail price from the store is usually \$1.00 to \$1.50 each. Your customers want plants that are in full leaf, budded, and in bloom. This kind of stock goes right ahead when planted and gives immediate results in real flowers within a month from the time planted in your customer's garden.

No. 1 stock produces good heavy 6-inch plants.

No. 2 stock swells up and looks nearly as good as No. 1 when in full leaf with new shoots and buds starting and can be grown in 5-inch pots or even crowded into 4 inch.

All varieties listed on this page are good and reliable.

## Choice Hybrid Tea Varieties

Prices of the following 2-year field-grown dormant plants: No. 1, per 100, \$45.00; No. 2, per 100, \$35.00.

**LOS ANGELES.** Color a flame-pink toned with coral and shaded with translucent gold at the base of the petals. Strong grower with stems as long as an American Beauty. The flowers are as large as Paul Neyron, forming long and pointed buds; its freedom and continuance of bloom are remarkable.

**PREMIER.** A clear pure shade of rose-pink; deep rose-pink in cooler weather. Its freedom of bloom and quick succession of crops makes this a most productive variety.

**TEMLAR.** A clear even shade of red that is good both summer and winter. Has a good stem and takes pinching nicely. It is not in the big rose class but is of good size and can be cut tight like Mme. Butterfly, for shipping. Its wonderful freedom, combined with its color and fragrance, make it a strong bidder for popular favor.

**SOUVENIR DE CLAUDIUS PERNET.** Color most striking sunflower-yellow, deeper in the center, without any color blending, and which is retained without fading even in the warmest weather.

**SOUVENIR DE H. A. VERSCHUREN.** This new variety is a strong, vigorous grower. The center a beautiful apricot-yellow which shades to saffron-yellow at the edges and while during very unfavorable hot weather it will shade lighter its rich coloring is maintained better throughout the season than in any other hybrid-tea variety of similar color.

**SUNBURST.** The color is intense orange-copper and golden yellow. Buds, long and pointed, opening full and double.

**MME. BUTTERFLY.** A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. A free grower and bloomer with large, handsome foliage free from mildew.

## Standard Varieties

**COLUMBIA.** A true pink, deepening as it opens to a glowing pink. A peculiarity of the variety is that the shades all become more intense until fully open.

**GOLDEN OPHELIA.** This is a seedling from the well-known variety Ophelia. Golden yellow.

**GRUSS AN TEPLITZ.** Brilliant red. One of the most prolific bloomers of all.

**KAISERIN.** One of the best white out-door roses.

**KILLARNEY DOUBLE WHITE.** Leading pure white, free blooming.

**LADY HILLINGDON.** A beautiful coppery shade of apricot-yellow. A strong, vigorous grower and very free-flowering.

**RADIANCE.** Brilliant rosy-carmine shaded with rich opaline-pink tints in the open flower, which is large, full, of fine form with cupped petals.

**RED RADIANCE.** A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance."

Prices on the Standard Varieties, 2-year, field-grown dormant plants: No. 1, per 100, \$40.00; No. 2, per 100, \$30.00.

## Polyantha and Baby Roses

Prices on the Polyanthas, 2-year, field-grown, dormant plants: No. 1, per 100, \$40.00; No. 2, per 100, \$30.00.

**BABY TAUSENDSCHOEN.** Light pink fading to white. A lovely little rose, each bush forming a symmetrical bouquet.

**CRIMSON BABY RAMBLER.** Still a favorite. The flowers are borne in clusters of 30 to 40, and the foliage is dark, glossy and profuse.



CRIMSON BABY RAMBLER



ROSE PREMIER

## POLYANTHA AND BABY ROSES—Continued

**ERNA TESCHENDORFF.** Brilliant rosy crimson with flowers of good size in clusters.

**IDEAL.** A Polyantha rose of great merit, decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well, even in the very hot weather.

**MISS EDITH CAVELL.** Brilliant scarlet, held right through until the flowers drop off. Of vigorous and satisfactory blooming quality.

**ORLEANS.** Brilliant geranium-red, suffused rose and deep cerise. Bushy habit, grows and blooms freely, florets not crowded but of beautiful arrangement.

**SUPERBE.** Brilliant scarlet. Large double flowers produced in strong, heavy clusters. One of the best dark colored Polyantha Roses.

## Climbing Roses

Prices on the climbers, 2-year, field-grown, dormant plants except where noted: No. 1, per 100, \$40.00; No. 2, per 100, \$30.00.

**AMERICAN PILLAR.** A single flowering variety of great beauty. The flowers are 3 to 4 inches across. Clear pink with a white center and a cluster of yellow stamens. The immense bunches of flowers on a large well grown plant are a sight not easily forgotten.

**BESS LOVETT.** Resembles Climbing American Beauty in shape of flower but is brighter in color, a clear bright red, double. Very vigorous.

**CLIMBING AMERICAN BEAUTY.** Large double rosy crimson, flowers freely, produced in June and occasionally throughout the season.

**DR. W. VAN FLEET.** A delicate shade of flesh-pink, deepening to rosy flesh in the center.

**DOROTHY PERKINS.** The best of the pink ramblers.

**EUGENE JACQUET.** Almost every eye produces a handsome truss of fragrant, cherry-red flowers. It flowers a week earlier than Tausendschoen or Roserie.

Price, No. 1, per 100, \$45.00; No. 2, per 100, \$35.00.

**EXCELSA.** Deep crimson and scarlet, large full trusses.

**FLOWER OF FAIRFIELD.** Of the numerous varieties raised in the past years this is doubtless one of the best. Its flowers, which are produced in profusion, are of a fine crimson color.

**HEART OF GOLD.** Flowers single, medium size, dark crimson shading to white in center, in large panicles carrying as many as seventy-five blooms. Vigorous hardy climber; profuse spring bloomer; dark green glossy foliage, mildew resistant.

**MARY WALLACE.** The attractive new climber originated by the late Dr. Van Fleet. Semi-double, bright clear rose-pink, salmon at base of petals.

**PAUL'S SCARLET CLIMBER.** This is without question the most important addition to the list of climbing roses; no other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters. It is of strong climbing habit and perfectly hardy.

**ROSERIE.** True cerise pink, strong grower and good producer. A sport from Tausendschoen.

**WHITE DOROTHY.** The counterpart of the Pink Dorothy Perkins, except color, being pure white.

## Hardy Hybrid Perpetual Roses

Price of the following, except where noted, 2-year dormant, field-grown plants: No. 1, per 100, \$40.00; No. 2, per 100, \$30.00.

**ANNA DE DIESBACH (Glory of Paris).** Beautiful carmine.

**FRAU KARL DRUSCHKI (White American Beauty).** The best white.

**GEN. JACQUEMINOT.** Bright and shining crimson.

**GEORGE ARENDS (Pink Frau Karl Druschki).** Light pink.

**GRUSS AN TEPLITZ.** Scarlet crimson. No. 1, per 100, \$45.00; No. 2, per 100, \$35.00.

**J. B. CLARK.** Intense scarlet.

**MAGNA CHARTA.** Deep pink.

**MRS. JOHN LAING.** Bright, shining pink.

**PAUL NEYRON.** Deep rose.

**PERSIAN YELLOW (Austrian Briar).** Golden yellow, semi-double flowers.

**ULRICH BRUNER.** Cherry crimson.

# Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

The figures preceding the varieties are the rating given to them by the American Iris Society, 10 being the highest rating used in the judging.

## New and Choice Varieties

Rating	Number	Name	Description	Each	10	100
9.4	Ambassador	Late	An almost regal flower that should have a great future. "S" fascinating smoky purple; "F" velvety purple-maroon, orange bearded.	\$0.60	\$5.00	\$40.00
9.4	Ballerine	Early	"S" light violet-blue; "F" deeper. Very fragrant. Single blooms often five inches long. Wide rounded standards waved at the edges.	.75	6.00	50.00
7.9	Benbow	"S" and "F"	deep violet-blue; large blooms on tall, erect, well developed stems.	....	4.00	30.00
8.5	B. Y. Morrison	33 inches	"S" pale lavender violet; "F" velvety-purple with broad lavender border. Well shaped flower with fine horizontal falls.	.75	5.00	....
	Cecil Minturn	24 inches	"S" and "F" a uniform soft shade of cattleya-rose. A beautiful flower, dome shaped, with broad ruffled petals.	.30	2.50	20.00
	Chasseur	36 inches	This is no doubt the finest yellow Iris of European origin. Very fine large flowers of deep yellow, becoming lighter with age.	2.00	....	....
8.6	Cluny	"S" soft lilac-blue; "F" a little darker	A new, free-flowering Pallida variety	.30	2.50	20.00
8.0	Col. Candelot	36 inches	"S" smoky copper; "F" deep rich crimson. Flowers large and distinct in color. A vigorous grower and free flowering.	.25	2.00	10.00
8.3	Corrida	36 inches	"S" and "F" aniline-blue, a little darker than Celeste. Flowers of medium size; very free flowering and late.	.50	3.50	....
8.7	Crusader	"S" light blue; "F" deep violet-blue, with orange beard.	Splendid color and form.	.40	3.00	20.00
8.3	Dejazet	Late	"S" bronze-rose with golden sheen; "F" reddish-violet, the whole beautifully blended. Large broad flower.	.20	1.50	12.00
8.5	Dream	36 inches	"S" and "F" soft clear pink. A beautiful Iris of Pallida type. The large flowers are perfect in form and of great substance.	.75	6.50	....
	Empress of India		A beautiful novelty with long and elegant flower stems bearing blooms of a splendid violet-blue.	.50	4.00	25.00
	Gold Imperial	33 inches	Chrome yellow throughout except for conspicuous orange beard. Medium-sized flowers of rare texture and form. A fine yellow Iris, deeper in color than Shekinah.	4.00	....	....
8.5	Grevin	Late	"S" violet with yellow shading; "F" wine-red with bright yellow veining.	.50	3.50	25.00
	Lady Byng		A beautiful Iris with flowers of exceptionally fine form and substance. The color throughout is a clear pale lavender with a slight suffusion of rose.	1.50	12.00	....
8.3	La Neige	Late	"S" and "F" a pure glistening waxy white. The falls are carried stiffly horizontal. Does not multiply rapidly.	1.00, \$120.00	....	2.00 15.00
9.0	Lent A. Williamson	Early	"S" very broad, soft campanula violet; "F" very large velvety royal purple. Brilliant gold beard. Massive in growth, stalk and flower. Always dependable.	....	3.50	25.00
9.1	Lord of June	"S" flappy lavender-blue; "F" rich violet-blue	An exceedingly handsome Iris. Very bold and vigorous habit.	....	5.00	40.00
8.5	Medrano	Late	"S" and "F" a beautiful dark smoky claret color. Very unusual effect, large flowers.	....	4.00	30.00
8.7	Mile. Schwartz	48 inches	Lovely pale mauve flowers of exceptionally large size, borne on very tall, branching stems.	.75	6.00	....
8.5	Mme. Chobaut	36 inches	"S" white shot with pale chalcedony yellow, shading into wine-red. "F" white edged with lilac. A very pleasing contrast of colors.	.50	4.00	....
8.5	Moliere	Early	"S" dark violet; "F" darker violet veined brown at haft. Yellow beard.	....	3.00	20.00
	Mother of Pearl	48 inches	A pale bluish lavender flower of exceptional substance and a lustrous texture. A wonderful Iris, tall and vigorous in growth and free flowering.	....	4.00	....
	Mrs. Hetty Matson	"S" purple fawn, shot bronze; "F" broad rich crimson-purple	rich yellow beard. Fine large globular flowers.	2.00	....	....
	Mrs. Walter Brewster	"S" lavender-blue; "F" aniline-blue	Often six blooms at the same time.	....	6.50	50.00
8.1	Neptune	38 inches	"S" bright pale blue; "F" rich dark purple. Flowers very large, borne on tall, branching stems; very choice. Midseason.	....	2.50	20.00
8.7	Opera	Early	"S" bright reddish-lilac; "F" deep velvety purple-lilac. Beard yellow.	....	2.50	20.00
	Prospero	"S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin	Heavily marked with brown at the haft. Deep orange beard. Strong grower. Flowers very large and of fine shape.	.50	4.00	25.00
9.1	Queen Caterina	Pale lavender-violet, with orange beard; white haft, veined with bronze.	A strong grower and hardy where Caterina fails.	.40	3.50	25.00
8.1	Raffet	Flowers uniform dark blue, the falls being striped at base with white; beard yellow.	A fine late variety.	.30	2.50	20.00
8.3	Seminole	"S" soft violet-rose; "F" rich velvety crimson; brilliant orange beard.	....	....	4.00	30.00
8.7	Shekinah	36 inches	Clear soft yellow, shaded through the center. One of the finest yellow Irises and the first of Pallida growth.	.50	4.00	30.00
9.3	Souv. de Mme. Gaudichau	"S" Bradley's violet; "F" brilliant black-purple.	A wonderful color and splendid flower and plant. Millet's best variety.	.75	6.50	....

IRIS—Continued		Each	10	100		
8.5	Sweet Lavender	36 inches	"S" pale lavender; "F" deep rose-lavender, very broad and horizontal. A lovely Iris with fine fragrance.	\$0.75	....	....
	The Inca	"S" clear deep saffron-yellow; "F" velvety dark plum-edged golden band through center; golden reticulations at base.	....	\$2.00	\$15.00	
	Trianon	"S" yellow; "F" yellow with bluish reflections. Color delicate and new. A vigorous grower and very floriferous.	.35	2.50	15.00	
8.4	Troost	24 inches	"S" deep rosy purple; "F" paler, veined violet changing to brown.	....	5.00	....
8.3	W. J. Fryer	"S" large bright yellow; "F" large deep maroon with narrow yellow border; center shaded violet.	....	4.00	30.00	
8.5	Zwanenburg	20 inches	"S" cream, striped maroon; "F" dark olive-brown, edged violet. Large flowers of peculiarly pleasing coloring. Early.	.75	....	....
8.9	Alcazar	"S" light bluish-violet; "F" rich velvety crimson-purple	A very rich and striking flower.	....	1000, \$120.00	.30 2.00 15.00
7.8	Amas	"S" rich blue; "F" violet	....	1.00	5.00	
8.3	Archeveque (Archbishop)	"S" Deep velvet violet; "F" deep purple-violet	....	1000, \$120.00	.25 2.00 15.00	
7.5	Caprice	"S" reddish purple; "F" deeper purple	....	1000, \$60.00	....	1.00 8.00
8.0	Dalila	24 inches	"S" pale flesh white; "F" rich red-purple with yellow beard.	.35	3.00	20.00
8.6	Edouard Michel	Late	"S" and "F" unusual shade of intense reddish purple.	.35	3.00	....
8.0	Fairy	Beautiful white with blue border and veins.	....	.75	5.00	
7.6	Florentina Alba	This is a good early white	....	1000, \$40.00	.75 5.00	
7.1	Halfdan	Creamy white	Large and of good substance.	....	.75	6.00
7.9	Iris King	"S" old gold; "F" rich crimson bordered with gold; a very desirable variety.	....	1.50	12.00	
8.5	Isolina	"S" lilac-pink; "F" purplish old rose.	....	2.00	15.00	
8.1	Juniata	Clear blue, deeper than Pallida Dalmatica.	....	....	1.00 7.00	
7.8	Kochi	"S" Purple-lilac; "F" velvety black.	....	1.00	8.00	
8.2	Lohengrin	Large handsome silvery-mauve flowers	....	1000, \$60.00	1.00 8.00	
7.9	Loreley	"S" light yellow; "F" Ultramarine-blue.	....	.75	6.00	
7.4	Mme. Chereau	Pure white, with a broad and irregular border of clear blue	....	1000, \$40.00	.70 5.00	
8.4	Monsieur	"S" blush lavender; "F" violet with white pencillings at throat; late.	....	1000, \$40.00	.60 5.00	
7.1	Mrs. Fryer	"S" white shaded heilatrope; "F" purple-crimson	....	.15	1.00	7.50
7.8	Oriflamme	"S" Light blue; "F" rich violet-purple.	Immense handsome flowers.	....	2.00	15.00
8.8	Pallida Dalmatica	Exquisite lavender-blue	....	1.25	10.00	
9.5	Princess Beatrice	Silvery lavender	....	3.50	25.00	
7.2	Princess Victoria Louise	"S" sulphur-yellow; "F" plum color, shaded primrose.	....	1000, \$60.00	1.00 8.00	
8.3	Prosper Laugier	Midseason. "S" fiery bronze; "F" velvety ruby-purple.	....	1.50	10.00	
8.4	Quaker Lady	"S" smoky lavender, shaded yellow; "F" ageratum-blue and old-gold.	....	1.00	8.00	
7.4	Queen of May	"S" lilac-pink; "F" lilac blended with white; distinct.	....	1000, \$50.00	.75 6.00	
8.4	Rhein Nix	"S" white, very large; "F" rich violet-purple, narrow white edge.	....	....	1.00 8.00	
7.6	Sherwin Wright	Early. "S" and "F" splendid golden yellow without shading or markings.	....	....	1.00 8.00	
7.6	Stormcloud. (Nuçe d'Orange)	Very large flowers of grayish slate-blue with bronze shading; "F" purplish blue. Very fine.	....	.75	5.00	
8.0	Violacea Grandiflora	"S" and "F" clear violet-blue. The best true blue.	....	1000, \$50.00	.75 6.00	
8.3	White Knight	Late. "S" and "F" absolutely snow-white without markings, finely formed, delicately sweet-scented, and a very vigorous grower.	....	3.00	25.00	
	MIXED	....	....	1000, \$15.00	.... 2.00	

## VARIOUS IRIS

SIBIRICA. Geo. Wallace. (Azure-blue.) "F" marked white	....	1.00	7.00
Perry's Blue. A tall, beautiful variety and extra fine for cutting. Large, well formed flowers of a wonderful shade of sky-blue.	.50	3.50	20.00
Snow Queen. Large, ivory-white	....	1.00	7.00
PUMILA Hybrida. Dwarf early blooming variety of German Iris.	....	.65	5.00
Cyanea. Rich royal-purple with black shading.	....	.65	5.00
Schneekuppe. White.	....	.65	5.00
PSEUDOACORUS. (Common Yellow Water Flag). Bright yellow. Fine for waterside plantings.	....	1.25	....
VERSCOLOR. (Common American Water Flag). Showy violet-blue, remaining in bloom for a long time. Good for waterside plantings.	....	1.00	....

## JAPANESE IRIS (Kaempferi)

GOLD BOUND. White with gold banded center. Double. Early.	.25	2.00	18.00
HANA-NO-NISHIKI. Bright rosy crimson. An early double.	.25	2.00	18.00
HELENE. Blue Ground, slightly veined darker blue. Double.	.25	2.00	18.00
HERCULE. Clear lilac blue. Double.	.25	2.00	18.00
KUMOCCHI-GUMA. Dark purplish indigo. Midseason. Double.	.25	2.00	18.00
KUMO-NO-OBI. (Band of Cloud.) A very full double of pleasing lavender effect.	.25	2.00	18.00
MAHOGANY. Velvety mahogany red. Double.	.25	2.00	18.00
MELPEMONE. Soft blue, distinctly veined with dark blue. Double.	.25	2.00	18.00
MOMIGI-NO-TAKI. Variegated rosy carmine. Double PURPLE and GOLD. Rich violet-purple. Gold center. Double. Midseason.	.25	2.00	18.00
UCHIU. Cerulean blue, veined white. Gold center. Double.	.25	2.00	18.00
ZAMA-NO-MORI. White, slightly shaded azure blue. A large and beautiful single.	.25	2.00	15.00
MIXED	.20	1.80	15.00

# 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 the continuation of East Boulevard.

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.



**Specimens.** This term is applied to plants that are perfect in height and diameter as well as shape, and are recommended for immediate effect.

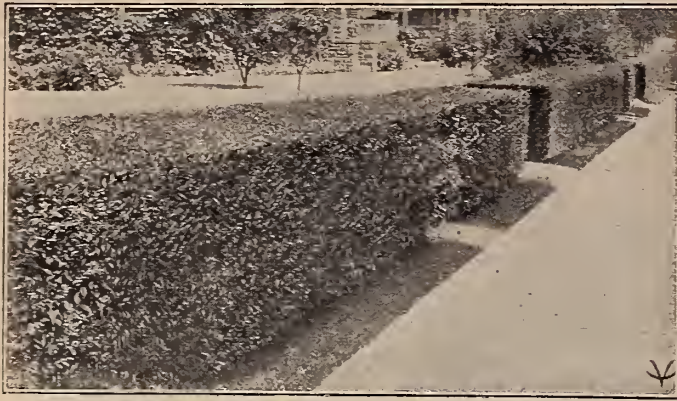
### SHIPPING DIRECTIONS

All stock is sold F. O. B. Western Springs. Packing charges to be added 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 customers 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
ACANTHOPANAX Pentaphyllum. 3 to 4 ft.	\$0.50	\$ 4.00	.....
ALMOND, Double Pink or Double White. 2 to 3 ft.	.65	5.00	\$40.00
3 to 4 ft.	.75	6.50	50.00
ALTHAEA Frutex (Rose of Sharon), Double Blue, Pink, Red or White. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	25.00
AMELANCHIER Rotundifolia. 2 to 3 ft.	.50	4.00	.....
AMORPHA Fruticosa. 2 to 3 ft.	.30	2.50	20.00
ARALIA Spinosa. 3 to 4 ft.	.50	4.00	.....
ARONIA Arbutifolia. 2 to 3 ft.	.50	4.00	.....
Melanocarpa Nigra. 2 to 3 ft.	.50	4.00	30.00
BERBERIS Thunbergii. 12 to 18 in. bushy.	.25	2.00	12.00
18 to 24 in., bushy.	.30	2.50	15.00
2 to 2½ ft.	.40	3.50	25.00
Thunbergii Atropurpurea. 1-year.	.50	4.50	35.00
Thunbergii Nana. (Box Barberry.) 2-year. 8 to 12 in.	.30	2.50	20.00
3-year, 12 to 18 in.	.40	3.00	25.00
4-year, 18 to 24 in., bushy.	.50	4.00	35.00
BUDDLEIA Davidi Magnifica. 2-year.	.30	2.50	15.00
Farquhari. 2-year.	.50	3.50	.....
CALYCANTHUS Floridus. (Sweet Shrub.) 18 to 24 in.	.50	4.00	.....
CARAGANA Arborescens. 2 to 3 ft. Per 1000, \$100.00	.25	2.00	12.00
CEPHALANTHUS Occidentalis. (Button Bush.) 2 to 3 ft.	.40	3.00	.....
CHIONANTHUS Virginica. 2 to 3 ft.	1.00	.....	.....
CLETHRA Alnifolia. 18 to 24 in.	.40	3.50	.....
CORNUS Elegantissima. 2 to 3 ft.	.50	4.00	.....
3 to 4 ft.	.60	5.00	.....
Mas (Gornelian Cherry). 3 to 4 ft.	.50	4.00	35.00
Paniculata. 3 to 4 ft.	.50	4.00	30.00
Sibirica (Siberian Dogwood). 3 to 4 ft.	.30	2.50	20.00
Stolonifera. 3 to 4 ft.	.35	3.00	20.00
Stolonifera Flaviramea. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
COTONEASTER Acutifolia. 2 to 3 ft.	.40	3.00	20.00
3 to 4 ft.	.45	3.50	25.00
Divaricata. 12 to 15 in.	.65	5.00	.....
18 to 24 in., B & B.	1.00	8.00	.....
Horizontalis. 5-in. pots, 9 to 12-in. spread.	.75	5.00	.....
15 to 18 in., B & B.	1.00	7.50	.....
Simonsi. 18 to 24 in.	.75	5.00	.....
18 to 24 in., B & B.	1.00	7.50	.....
CRAB, See Malus.			
CRATAEGUS Carrierii. 2 to 3 ft.	.60	5.00	.....
Coccinea. 3 to 4 ft.	.75	6.00	.....
Cordata. (Washington Hawthorn.) 2 to 3 ft.	.60	5.00	.....
Oxyacantha. (English Hawthorn.) 3 to 4 ft.	.75	5.00	.....
4 to 5 ft.	1.00	6.50	.....
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn.) 6 to 8 ft., not branched.	2.00	.....	.....
CYDONIA Japonica. 2 to 3 ft.	.50	4.00	30.00
DAPHNE Cneorum. 8 to 10 in.	1.00	8.00	.....

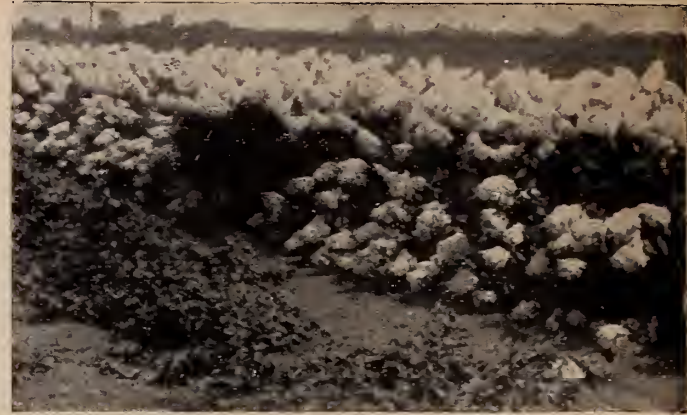
	Each	10	100
DEUTZIA			
Gracilis. 18 to 24 in.	\$.40	\$3.50	.....
Lemoinei. 18 to 24 in.	.35	2.50	.....
Pride of Rochester. 3 to 4 ft.	.35	2.50	\$20.00
4 to 5 ft.	.40	3.50	25.00
ELEAGNUS Angustifolia (Russian Olive). 3 to 4 ft.	.40	3.50	.....
EUONYMUS Alata (Burning Bush). 2 to 3 ft.	1.00	8.50	.....
3 to 4 ft.	1.50	.....	.....
Europaea. 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.75	6.50	55.00
EXOCHORDA Grandiflora. 2 to 3 ft.	.50	4.00	.....
FORSYTHIA Fortunei. 2 to 3 ft.	.35	3.00	25.00
Intermedia. 2 to 3 ft.	.30	2.50	18.00
3 to 4 ft.	.40	3.00	25.00
Intermedia Spectabilis. 2 to 3 ft.	.40	3.00	25.00
HALESIA Tetraptera. 2 to 3 ft.	.75	6.00	.....
HAMAMELIS Virginica (Witch Hazel). 2 to 3 ft.	.50	4.00	.....
HYDRANGEA Arborescens Grandiflora. 2-year.	.50	4.00	30.00
3-year.	.60	5.00	40.00
Paniculata Grandiflora. 2-year.	.50	4.00	30.00
3-year.	.60	5.00	40.00
Tree Form. Stem, 3 to 4 ft.	1.00	9.00	.....
KERRIA Japonica. 2 to 3 ft.	.50	4.00	.....
Japonica fl. pl. 18 to 24 in.	.60	5.50	.....
KOLKWITZIA Amabilis. 4-in. pots, 8 to 12 in.	1.00	.....	.....
LESPEDEZA Formosa. (Purple Bush Clover.) 2-yr.	.50	4.00	.....
LIGUSTRUM Amurense (Amoor Privet, North).			
2 to 3 ft., bushy.	1000, \$120.00	.35	2.50 15.00
3 to 4 ft., bushy.	1000, \$150.00	.40	3.00 17.50
4 ft., bushy.	.....	.45	3.50 20.00
Ibota. 2 to 3 ft., extra bushy.	.....	.35	2.50 15.00
3 to 4 ft.	1000, \$150.00	.....	3.00 17.50
Ibolium. 2 to 3 ft.	1000, \$120.00	.30	2.50 15.00
Lodense. 2-year, 12 to 15 in.	.....	.30	2.00 15.00
Vulgaris. 2 to 3 ft.	.....	.35	2.50 15.00
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle).			
Bella Albida. 3 to 4 ft.	.....	.30	2.50 20.00
4 to 5 ft.	1000, \$200.00	.40	3.50 25.00
Morrowii. (Prostrate Type.) 3 to 4 ft.	.....	.30	2.50 20.00
Morrowii. (Upright Type.) 3 to 4 ft.	.....	.30	2.50 20.00
4 to 5 ft. (Upright Type)	.....	.35	3.00 25.00
5 to 6 ft. (Upright Type)	.....	.50	4.00 35.00
Ruprechtiana. 3 to 4 ft., bushy.	.....	.40	3.50 20.00
Tatarica Alba. 3 to 4 ft.	.....	.40	3.00 20.00
Tatarica Rosea. 2 to 3 ft.	.....	.30	2.50 15.00
3 to 4 ft.	.....	.35	3.00 20.00
4 to 5 ft.	.....	.40	3.50 25.00
Tatarica Rubra. 3 to 4 ft.	.....	.40	3.50 25.00
MAHONIA Aquifolium (Oregon Hollygrape). 4-in. pots.	.....	.50	3.00
12 to 18 in. B & B.	.....	.90	7.50
12 to 18 in. Not B & B.	.....	.50	4.00



PRIVET (HEDGE)

ORNAMENTAL AND FLOWERING SHRUBS—(Continued)

	Each	10	100
MALUS <i>Atrorubra</i> . 3 to 4 ft. ....	\$1.00	\$8.00	.....
4 to 5 ft. ....	1.25	10.00	.....
Baccata. 3 to 4 ft. ....	1.00	7.50	.....
4 to 5 ft. ....	1.25	10.00	.....
Coronaria. 3 to 4 ft. ....	1.00	7.50	\$65.00
4 to 5 ft. ....	1.25	10.00	90.00
Floribunda. 3 to 4 ft. ....	1.00	7.50	.....
Floribunda Purpurea. 4 to 5 ft. ....	1.50	12.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab). 3 to 4 ft. ....	1.00	7.50	.....
4 to 5 ft. ....	1.75	15.00	.....
5 ft. specimens. ....	3.50	.....	.....
6 ft. specimens. ....	4.50	.....	.....
Niedzwetzkyana. 3 to 4 ft. ....	1.00	7.50	.....
4 to 5 ft. ....	1.25	10.00	.....
Sargentii. 3 to 4 ft. ....	1.25	10.00	.....
Single Pink. 4 to 5 ft. ....	1.25	10.00	.....
5 to 6 ft. ....	1.50	12.00	.....
Speetabilis. 3 to 4 ft. ....	1.00	7.50	.....
4 to 5 ft. ....	1.25	10.00	.....
MORUS <i>Tatarica</i> (Russian Mulberry). 3 to 4 ft. ....	.30	2.50	20.00
4 to 5 ft. ....	.40	3.00	25.00
PHILADELPHUS <i>Avalanche</i> . ( <i>Syringa</i> ) 24 to 30 in. ....	.40	3.00	22.00
Banniere. 18 to 24 in. ....	.50	4.00	30.00
Bouquet Blanc. 2 to 3 ft. ....	.40	3.50	30.00
3 to 4 ft. ....	.50	4.00	35.00
Coronarius. 3 to 4 ft. ....	.35	3.00	20.00
4 to 5 ft. ....	.40	3.50	25.00
Coronarius Aureus. Golden. 18 to 24 in. ....	.50	4.50	40.00
Dame Blanche. 18 to 24 in. ....	.50	4.00	.....
Glacier. 2 to 3 ft. ....	.60	5.00	40.00
Girandole. 2 to 3 ft. ....	.60	5.00	40.00
Grandiflorus. 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.50	4.00	30.00
5 to 6 ft. ....	.60	5.00	40.00
Lemoinei Erectus. 2 to 3 ft. ....	.40	3.00	25.00
Manteau d'Hermine. 18 to 24 in. ....	.50	4.00	30.00
Mont Blanc. 2 to 3 ft. ....	.50	4.00	.....
Nivalis. 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.50	4.00	30.00
Norma. 18 to 24 in. ....	.50	4.00	30.00
Pyramidal. 18 to 24 in. ....	.50	4.00	30.00
Virginal. 2 to 3 ft. ....	.60	4.50	35.00
3 to 4 ft., bushy. ....	1.00	7.50	.....
3 to 4 ft. specimens. ....	1.50	.....	.....
PHYSOCARPUS <i>Opulifolius</i> (Common Ninebark) 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.50	4.00	30.00
Opulifolius Aureus (Goldenleaf Ninebark). 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.50	4.00	30.00
POTENTILLA <i>Fruticosa</i> . 24 to 30 in. ....	.40	3.50	.....
PRUNUS <i>Pissardi</i> (Purple-leaved Plum). 3 to 4 ft. ....	.70	6.00	.....
Triloba. 3 to 4 ft. (Tree form). ....	.75	6.50	.....
3 to 4 ft. specimens (Tree form). ....	1.50	.....	.....
4 to 5 ft. specimens (Tree form). ....	3.50	.....	.....
Virginiana (Common Choke-cherry). 4 to 5 ft. ....	.50	4.00	.....
PYRACANTHA <i>Coccinea Lalandi</i> (Laland Firethorn). 3½-in. pots, 8 to 12 in. ....	1.00	9.00	.....
RHAMNUS <i>Cathartica</i> (Buck Thorn). 3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	20.00
Frangula. 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.45	3.50	.....
RHODOTYPOS <i>Kerrioides</i> . 2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.60	5.00	45.00
RHUS <i>Glabra</i> . 3 to 4 ft. ....	.40	3.00	20.00
5 to 6 ft. ....	.50	4.00	30.00
Typhina Laciniata (Cut-leaved). 3 to 4 ft. ....	.40	3.00	20.00
4 to 5 ft. ....	.50	3.50	25.00
ROSA <i>Hugonis</i> . 2-year. ....	.75	6.00	50.00
4-year specimen. ....	1.50	.....	.....
Lucida. 4-year. ....	.50	4.00	30.00
Rubiginosa (Sweet Briar). 2-year. ....	.40	3.50	.....
Rubrifolia (Redleaf Rose). 2-year. ....	.30	2.50	.....
Setigera. 3-year. ....	.35	3.00	25.00
4-year. ....	.50	4.00	35.00



HYDRANGEA PANICULATA GRANDIFLORA

	Each	10	100
Rugosa Alba. 2-year. ....	\$0.40	\$3.50	\$30.00
Rugosa C. F. Meyer. 2-year. ....	.60	5.00	35.00
Rugosa Covin Tree. 2-year. ....	.60	5.00	40.00
4-year. ....	1.00	.....	.....
Rugosa F. J. Grootendorst. 2-year. ....	.50	4.00	35.00
3-year. ....	.60	5.00	40.00
Rugosa Hansa. 2-year. ....	.50	4.00	30.00
Rugosa Pink Grootendorst. 2-year. ....	1.50	12.50	.....
Rugosa Rubra. 2-year. ....	.35	3.00	20.00
Rugosa Sir Thos. Lipton. ....	.50	4.00	30.00
Moss Henry Martin (Red). 2-year. ....	.50	4.00	.....
Moss Crested Pink. 2-year. ....	.50	4.00	.....
Moss White. 2-year. ....	.50	4.00	.....
Wichuriana (Memorial Rose). 2-year. ....	.35	3.00	.....
SALIX ( <i>Willow</i> ) <i>Babylonica</i> . 5 to 6 ft. bush. ....	.50	4.50	40.00
Britzensis. 5 to 6 ft. ....	.50	4.00	35.00
Discolor ( <i>Pussy Willow</i> ). 3 to 4 ft. bush. ....	.25	2.00	15.00
4 to 5 ft. bush. ....	1.000	\$175.00	.35
5 to 6 ft. bush. ....	.40	3.50	25.00
Laurifolia. 4 to 5 ft. bush. ....	.40	3.00	25.00
5 to 6 ft. bush. ....	.50	4.00	35.00
SAMBUCUS <i>Canadensis</i> . 3 to 4 ft. ....	.45	3.50	25.00
4 to 5 ft. ....	.50	4.00	30.00
Nigra. 3 to 4 ft. ....	.45	4.00	30.00
Nigra Aurea. 3 to 4 ft. ....	.45	4.00	30.00
4 to 5 ft. ....	.50	4.50	35.00
Pubens. 3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	30.00
Racemosa. 3 to 4 ft. ....	.40	3.00	25.00
SORBARIA <i>Sorbifolia</i> ( <i>Ural False Spiraea</i> ). 3 to 4 ft. ....	.40	3.50	.....
SPIRAEA <i>Anthony Waterer</i> , 12 to 18 in. ....	.35	3.00	20.00
18 to 24 in., extra bushy. ....	.40	3.50	25.00
Arguta Multiflora. 3 to 4 ft. ....	.50	4.00	30.00
2 to 3 ft. ....	.40	3.00	25.00
Billardii. 3 to 4 ft. ....	.35	2.50	20.00
4 to 5 ft. ....	.40	3.00	25.00
Froebeli. 18 to 24 in. ....	.30	2.00	15.00
24 to 30 in. ....	.35	2.50	20.00
Japonica Ovalifolia ( <i>White Japanese S.</i> ). 18 to 24 in. ....	.30	2.50	20.00
Latifolia. 3 to 4 ft. ....	.40	3.00	20.00
Prunifolia fl. pl. 3 to 4 ft. ....	.50	4.00	30.00
Thunbergii. 18 to 24 in. ....	.30	2.50	20.00
2 to 3 ft., bushy. ....	.40	3.00	25.00
Van Houttei ( <i>Bridal Wreath</i> ). 2 to 3 ft., bushy. ....	.30	2.00	15.00
3 to 4 ft., bushy. ....	.40	3.00	20.00
4 to 5 ft., specimens. ....	1.50	.....	.....
Walluffi. 18 to 24 in. ....	.50	4.00	30.00
STEPHANANDRA <i>Flexuosa</i> . 2 to 3 ft. ....	.50	4.00	.....
SYMPHORICARPOS ( <i>Snowberry</i> ). <i>Mollis</i> . 2 to 3 ft., bushy. ....	.30	2.50	18.00
Racemosus. 2 to 3 ft., bushy. ....	.30	2.50	18.00
3 to 4 ft., bushy. ....	.35	3.00	20.00
Vulgaris ( <i>Indian Currant</i> ). 2 to 3 ft. ....	.30	2.00	15.00
3 to 4 ft. ....	.35	3.00	18.00
SYRINGA ( <i>Lilac</i> ). <i>Charles X.</i> 2 to 3 ft. ....	.75	6.00	.....
3 to 4 ft. ....	1.00	9.00	.....
Charles Jolly. 18 to 24 in. ....	.75	6.00	.....
Japonica. 2 to 3 ft. ....	.75	6.00	.....
Josikaea. 3 to 4 ft. ....	.75	6.00	.....
Ludwig Spaeth. 2 to 3 ft. ....	.90	7.50	.....
3 to 4 ft. ....	1.00	9.00	.....
Mad. Lemoine. 2 to 3 ft. ....	.90	7.50	.....
3 to 4 ft. ....	1.00	9.00	.....
Marie Le Gray. 2 to 3 ft. ....	.90	7.50	.....
Michael Buchner. 2 to 3 ft. ....	.90	7.50	.....
3 to 4 ft. ....	1.00	9.00	.....
Persian Purple. 2 to 3 ft. ....	.50	4.00	30.00
3 to 4 ft. ....	.75	6.00	45.00
President Grevy. 2 to 3 ft. ....	.90	7.50	.....
3 to 4 ft. ....	1.00	.....	.....
Vulgaris Purpurea. 2 to 3 ft. ....	.50	4.50	40.00
3 to 4 ft. ....	.60	5.50	50.00
Vulgaris Alba. 2 to 3 ft. ....	.50	4.00	.....





SPIRAEA—Van Houttei (Bridal Wreath)

ORNAMENTAL AND FLOWERING SHRUBS—(Continued)

NEW AND RARE LILACS.	Each	10	100
Diderot, Edouard Andre, Emile Gentil, Jean Mace, Leon Gambetta, Montaigne, Marechal Lannes, Pres. Fallieres, 18 to 24 in.	\$1.50		
Jean Mace. Emile Gentil, 2 to 3 ft.	2.00		
<b>EARLY LILACS (Syringa Giralddi).</b>			
Berryer, Buffton, Claude Bernard, Deschartes, Louvois, Mirabeau, 18 to 24 in.	1.50		
Berryer, Buffton, Claude Bernard, Deschartes, 2 to 3 ft.	2.00		
TAMARIX Amurensis. 4 to 5 ft.	.40	\$3.50	\$25.00
Chinensis. 4 to 5 ft.	.40	3.50	25.00
Hispida Aestivalis. 4 to 5 ft.	.40	3.50	
VIURNUM Americanum. 2 to 3 ft.	.60	5.00	
Carlesi (Fragrant V). 12 to 15 in., B. & B.	2.00	17.50	
12 to 15 in., not B. & B.	1.50	12.50	
Dentatum. 2 to 3 ft.	.40	3.00	20.00
3 to 4 ft.	.50	4.00	30.00
Lantana. 2 to 3 ft.	.50	4.00	
Lentago. 3 to 4 ft.	.60	5.00	40.00
4 to 5 ft.	.70	6.00	
5 to 6 ft.	.80	7.00	
Molle. 2 to 3 ft.	.40	3.00	25.00
Opulus. 2 to 3 ft.	.60	5.00	
3 to 4 ft.	.70	6.00	
Opulus Nanum 8 to 10 in.	.50	4.00	
Opulus Sterile 7 to 3 ft.	.60	5.00	
3 to 4 ft.	.70	6.00	
WEIGELIA Abel Carriere. 2 to 3 ft.	.50	4.00	
Amabilis. 2 to 3 ft.	.40	3.50	
Candida. 2 to 3 ft.	.50	4.00	
Eva Rathke. 2 to 3 ft.	.60	5.50	
Floribunda. 2 to 3 ft.	.60	5.50	
3 to 4 ft.	.75	6.00	
Nana Variegata. 2 to 3 ft.	.40	3.00	25.00
Rosea. 2 to 3 ft.	.40	3.00	20.00
3 to 4 ft.	.50	3.50	25.00

WRITE FOR SPECIAL QUOTATIONS ON QUANTITIES

**ATTENTION**

**A BIG MONEY-MAKER FOR THE FLORIST**

PLANT PUSSY WILLOW, the true variety. You can force the branches any time in winter and make a good price for them.

SALIX DISCOLOR, 4 to 5 ft., extra bushy, per ten, \$3.00; 100, \$20.00; 1000, \$175.00.



PUSSY WILLOW (Salix Discolor)



WEeping CHERRY

Ornamental and Shade Trees

	Each	10	100
ASH (Fraxinus Americana), American Ash.			
8 to 10 ft., 1 to 1 1/4 in. caliper.	\$1.75	\$15.00	
10 to 12 ft., 1 1/2 to 2 in. caliper.	2.50	20.00	
CATALPA Bungei. 5 to 6 ft. stems.	1.50	12.50	\$100.00
5 to 6 ft. stems, specimens.	2.50	20.00	
Kaempferi. 10 to 12 ft., 2 1/2 to 3 in. caliper.	2.50	20.00	
Speciosa. 8 to 10 ft.	.90	7.50	
12 to 14 ft., 2 1/2 to 3 in. caliper.	2.25	17.50	
12 to 14 ft., 3 to 3 1/2 in. caliper.	3.00	22.50	
CERCIS Canadensis (Red Bud). 5 to 6 ft.	2.00	15.00	
CHERRY Japanese Flowering, Fugenzo. 5 to 6 ft.	4.00		
CHERRY Japanese Flowering, Kwanzan. 5 to 6 ft.	4.00		
CHERRY Japanese Flowering, Sieboldi. 3 to 4 ft.	2.00		
4 to 5 ft.	3.00		
5 to 6 ft.	4.00		
CHERRY, Japanese Weeping. 5 to 6 ft. stems.	4.50	40.00	
ELM, American. 8 to 10 ft., 1 to 1 1/4 in., once transplanted.	2.00	15.00	125.00
10 to 12 ft., 1 1/2 to 2 in. caliper, twice transplanted.	3.50	30.00	275.00
Twice transplanted, 2 to 2 1/4 in. caliper.	3.75	35.00	
10 to 12 ft., 2 1/4 to 2 3/4 in. caliper, twice transplanted.	4.25	40.00	375.00
Campestris (English Elm). 12 to 14 ft., 3 in. caliper.	8.00	75.00	
12 to 14 ft., 3 1/2 in. caliper, twice transplanted.	10.00	90.00	
Write for prices on larger sizes.			
Huntington. 12 to 14 ft., 2 1/2 in. caliper.	6.00		
Moline. 8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	3.00	27.50	
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	4.00	37.50	
10 to 12 ft., 2 1/2 to 3 in. caliper, specimens.	12.00		
Vase-Shaped. 8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.	3.75	35.00	
HACKBERRY (Celtis Occidentalis). 8 to 10 ft.	2.00	15.00	
HOPTREE (Ptelea Trifoliata). 4 to 5 ft.	.50	4.00	
LINDEN AMERICAN. 8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.	2.75	25.00	
LOCUST Honey. 8 to 10 ft.	1.25	10.00	75.00
10 to 12 ft., 1 1/2 to 2 in. caliper.	2.00	17.50	150.00
Thornless Honey. 8 to 10 ft.	1.75	15.00	
MAPLE, Soft. 8 to 10 ft., 1 to 1 1/4 in. caliper.	1.50	10.00	
10 to 12 ft., 1 1/4 to 1 1/2 in. caliper.	2.00	15.00	
Cut-Leaved (Weirii). 8 to 10 ft.	2.00	15.00	
Ginnala (Amur Maple). 2 to 3 ft.	.60	5.00	
Norway. 7 to 8 ft., 3/4 in. caliper, not branched.	2.00	15.00	
8 to 10 ft., 1 to 1 1/4 in. caliper.	2.50	22.50	
10 to 12 ft., 2 to 2 1/4 in. caliper.	6.00		
18 to 20 ft., 4 in. caliper, twice transplanted.	14.00	120.00	
18 to 20 ft., 4 1/2 in. caliper, twice transplanted.	20.00		
20 to 24 ft., 5 in. caliper, twice transplanted.	25.00		
Write for prices on larger sizes.			
Schwedleri. 7 to 8 ft., not branched.	2.75	25.00	
8 to 10 ft., 3/4 in. caliper, not branched.	3.00		
Sugar (Saccharum). 8 to 10 ft., 1 in. caliper.	2.50	20.00	
MOUNTAIN ASH. 6 to 8 ft.	1.50	10.00	
8 to 10 ft.	2.00	15.00	
MULBERRY. Weeping. 5 to 6 ft. stem.	3.00	25.00	
6 ft. specimens.	3.00		
OAK (Burr Oak). 10 to 12 ft., 2 1/2 in. caliper.	4.00	35.00	
12 to 14 ft., 3 in. caliper.	5.00	45.00	
Red Oak. 12 to 15 ft., 3 1/2 in. caliper.	8.00		
POPLAR Bollena. 8 to 10 ft.	2.00	17.50	
Carolina. 8 to 10 ft., 1 to 1 1/2 in. caliper.	.75	6.00	40.00
10 to 12 ft., 1 1/2 to 2 in. caliper.	1.00	8.00	65.00
12 to 14 ft., 2-2 1/4 in. caliper.	1.75	15.00	
Lombardy, 8 to 10 ft.	.75	6.00	50.00
10 to 12 ft., 1 to 1 1/2 in. caliper.	1.00	9.00	75.00
12 to 14 ft., 1 1/2 to 2 in. caliper.	1.50	10.00	
PLANE American. 8 to 10 ft., 1 1/4 in. caliper.	2.00	15.00	
ROBINIA Hispida (Rose Acacia). 3 to 4 ft. stems.	1.00		
4 to 5 ft. stems.	1.50		
TREE OF HEAVEN. 4 to 5 ft.	.50	4.00	
5 to 6 ft.	.60	5.00	
WALNUT. Black. 5 to 6 ft.	.75	6.00	
WILLOW. Wisconsin Weeping. 7 to 8 ft.	.75		



# Vaughan's Evergreens

	Each	10	100
<b>JUNIPERUS Canadensis (Prostrate Juniper).</b>			
15 to 18 in. ....	\$2.25	\$20.00	.....
2-2½ ft. ....	3.50	.....	.....
<b>Chinensis Pfitzeriana (Pfitzer Juniper).</b>			
18 to 24 in. spread. ....	3.50	30.00	.....
24 to 30 in. spread. ....	5.50	50.00	.....
30 to 36 in. spread. ....	7.00	65.00	.....
<b>Chinensis Procumbens.</b> 18 to 24 in. spread. ....	4.00	.....	.....
<b>Communis Suecica (Swedish Juniper).</b> 2 ft. ....	2.00	.....	.....
<b>Sabina (Savin Juniper).</b> 24 to 30 in. ....	3.50	30.00	.....
30 to 36 in. ....	4.00	35.00	.....
<b>Sabina Prostrata Horizontalis.</b> 15 to 18 in. spread. ....	2.75	22.50	.....
18 to 24 in. spread. ....	3.50	.....	.....
<b>Sabina Prostrata Horizontalis Glauca.</b> 18 to 24 in. spread. ....	4.00	.....	.....
<b>Virginiana (Red Cedar).</b> 3 ft. ....	2.50	22.50	.....
3½ ft. ....	3.50	32.50	.....
4 ft. ....	4.75	.....	.....
4½ ft. ....	5.75	.....	.....
5 ft. ....	7.00	.....	.....
<b>Virginiana Glauca (Silver Red Cedar).</b>			
3 ft. ....	5.50	.....	.....
3½ ft. ....	6.00	.....	.....
<b>PICEA (Black Hill Spruce.)</b> 18 to 24 in. ....	2.75	22.50	.....
2½ ft. ....	3.75	32.50	.....
3 ft. ....	5.00	45.00	.....
3½ ft. ....	6.00	55.00	.....
<b>Excelsa (Norway Spruce).</b> 24 to 30 in. ....	1.50	.....	.....
<b>Pungens (Colorado Green Spruce).</b> 2 ft. ....	3.50	.....	.....
2½ ft. ....	4.50	.....	.....
3 ft. ....	5.50	.....	.....
<b>Pungens Glauca (Colorado Blue Spruce).</b> 2 ft. ....	7.00	.....	.....
2½ ft. ....	8.50	.....	.....
3 ft. ....	12.00	.....	.....

	Each	10	100
<b>PINUS Montana Mughus (Mugho Pine).</b> 18 to 24 in. ....	\$4.00	.....	.....
24 to 30 in. ....	5.00	.....	.....
<b>Nigra (Austrian Pine).</b> 24 to 30 in. ....	3.00	.....	.....
2½ to 3 ft. ....	4.00	.....	.....
3 to 3½ ft. ....	5.00	.....	.....
4 ft. ....	6.00	.....	.....
<b>Ponderosa (Western Yellow Pine).</b> 2½ to 3 ft. ....	2.50	.....	.....
3 to 3½ ft. ....	3.00	.....	.....
3½ to 4 ft. ....	4.00	.....	.....
<b>Sylvestris (Scotch Pine).</b> 2½ to 3 ft. ....	3.00	.....	.....
3 to 3½ ft. ....	3.50	.....	.....
4 ft. ....	4.50	.....	.....
5 ft. ....	6.00	.....	.....
<b>RETINOSPORA Plumosa.</b> 15 to 18 in. ....	2.00	\$17.50	.....
<b>Tom Thumb.</b> 12 to 18 in. ....	2.00	17.50	.....
<b>TAXUS Cuspidata (Japanese Yew).</b> 2 ft. ....	3.50	.....	.....
2½ ft. ....	5.00	.....	.....
<b>Cuspidata Nana (Dwarf Japanese Yew).</b> 12 in. ....	3.50	.....	.....
18 in. ....	4.00	.....	.....
24 in. ....	6.00	.....	.....
<b>THUJA Occidentalis (American Arborvitae).</b>			
18 to 24 in. ....	1.50	.....	.....
24 to 30 in. ....	2.00	.....	.....
2½ to 3 ft. ....	2.50	.....	.....
3 to 3½ ft. ....	3.50	.....	.....
<b>Occ. Globosa (Am. Globe Arborvitae).</b> 18 to 24 in. ....	3.50	.....	.....
24 to 30 in. ....	4.50	.....	.....
<b>Occ. Hoveyi (Hovey Arborvitae).</b> 18 to 24 in. ....	3.50	.....	.....
<b>Occ. Rosenthalii (Rosenthal Arborvitae).</b> 2½ ft. ....	3.50	.....	.....
3 ft. ....	4.50	.....	.....
<b>Occ. Pyramidalis (Am. Pyramidal Arborvitae).</b>			
2½ ft. ....	3.50	.....	.....
3 ft. ....	4.50	.....	.....
<b>Occ. Wareana (Ware Arborvitae).</b> 18 to 24 in. ....	3.00	.....	.....

# Vaughan's Vigor Strawberry Plants

Grown in Northern Michigan's Ideal Fruit Soil and Climate.

Our plants are grown under ideal conditions in Northern Michigan. Note illustration for root development of a single specimen. They have been developed from selected plants. We expect to make "Vaughan's Vigor" Strawberry Plant the standard for the country. We know you will be pleased. Varieties below are up to date.

Write for pamphlet on Strawberry Culture.

**AROMA.** (Per.) Late. One of the most popular late varieties. Fruit large to very large; holds its size well throughout all the pickings. Berry is roundish, conical, smooth and perfect in form and of a beautiful bright glossy red in color; very firm and of high quality. Its rich aromatic flavor has suggested its name. The habit of spreading which this variety possesses opens the way for the sunlight to reach the crown. The leaves are broad, clean and smooth and of a dark green color. Price, 100, \$1.25; 500, \$4.00; 1000, \$7.50.

**COOPER.** The large size and the beautiful brilliant color of the berries immediately attracts the attention of every one, but the greatest feature of all is that peculiar mild, delicious flavor not found in any other Strawberry. Due to the wonderful vigor of the plant this variety is adaptable to a wider range of soils and climate than any other variety. The foliage is immense, the big broad leaves often growing a foot high. This is due to the great root system, which goes down for moisture and enables the plants to produce the enormous load of big red berries even during continued dry weather. The unusual vitality of the plant carries every berry to perfect maturity—the last to ripen are as large as the first. Cooper is strongly staminate and can be grown alone and is an ideal mate of any of the pistillate or imperfect varieties due to the long blooming season. Price, 100, \$1.40; 500, \$4.50 1000, \$8.00.

**DR. BURRELL.** (Per.) Midseason. The berries are large, delicious and beautifully formed. The surface of the berry is a deep glossy red. The meat is solid. If you are looking for a good dependable all-purpose variety you will make no mistake in planting Dr. Burrell. In manner of plant growth this variety closely resembles Senator Dunlap, but will produce more, bigger and better berries, and ripening a few days earlier than Dunlap. Price, 100, \$1.25; 500, \$4.00; 1000, \$7.50.



**GIBSON.** (Per.) Medium early. Berries are large and regular in shape holding their size well to the end of the season. Color rich red. Flavor is neither sweet nor sour, but just right for canning. Extremely productive, in fact we know of no variety that will produce more quarts of berries per acre than the Gibson. It makes a strong vigorous plant that withstands adverse conditions admirably. This variety seems to embody every requirement necessary for a profitable berry. We recommend it and know you will not make any mistake in planting Gibson. Price, 100, \$1.25; 500, \$4.00; 1000, \$7.50.

**PREMIER.** (Per.) Early. Berries are large, beautifully formed, red through and through; flavor delicious. A splendid shipper. The deep heavy rooting system makes the plant a strong drought resister, and it is especially adapted to any soil or climate, giving you a big crop of fancy berries which will sell at highest prices. Where extra fancy early fruit is wanted we advise this. Price, 100, \$1.25; 500, \$4.50; 1000, \$8.00.

**SENATOR DUNLAP.** (Per.) Midseason. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the new beginner as well as with the veteran grower—but should not be allowed to mat too thickly. For a medium-sized, productive, early-to-midseason berry you need not hesitate to plant Dunlap. One of the best and most popular. Price, 100, \$1.25; 500, \$4.50; 1000, \$7.50.

**PROGRESSIVE.** (Everbearing.) Has long been the leading everbearing variety. It now has to take second place as the new Champion is superior in every respect. The Progressive is a tall, healthy grower, deep rooted and entirely free from fungus diseases. Very productive, berries medium size, good quality and delicious flavor. Price, 100, \$2.00; 500, \$8.00; 1000, \$15.00.

**CHAMPION.** (New Everbearing.) A strong, healthy, deep-rooted plant, very productive. Fruit similar to Dunlap in size, shape and color. A beautiful rich red color clear through, good quality and delicious flavor. The one mighty big feature of the Champion is that every plant bears a full crop of fruit, something that cannot be said of any other everbearing variety. Owing to its wonderful productiveness and its ability to bear through dry weather it offers wonderful possibilities to commercial growers. In addition to the wonderful fall crop produced by the Champion, they are the earliest to ripen in the spring. Price, 100 for \$2.00; 500, \$8.00; 1000, \$15.00.

**MASTODON—Genuine Perfected.** (Everbearing.) The world's greatest everbearer because nothing like it was ever achieved before. Produces nearly 6000 quarts per acre during August, September, October and November. In size, quality, flavor and appearance Mastodon heads the list. Unlike other Everbearers, the plants of Mastodon are large, vigorous, heavily crowned and deep rooted. This explains their ability to produce enormous loads of fine fruit even under adverse conditions. Regardless of your past experience with Everbearing Strawberries we urge you to plant this wonderful New Everbearer this Spring. It will amaze you with the tremendous load of extra fine fruit produced by every plant. Price, 100, \$2.75; 500, \$11.00; 1000, \$20.00.

The seeds which you so kindly sent me, having been won as a prize, at our flower show last fall, have been received, for which you have my sincere thanks.  
I choose to think that the zinnia part of my order is the prize seeds, for it was on zinnias, that I won the prize. I expect to enter three different shows this coming fall, with zinnias from these seeds.  
Most sincerely yours,  
JANET DU MONT, Grower  
Des Moines, Iowa.





Muskmelon

Table listing various muskmelon varieties such as Vaughan's Improved Milwaukee, Extra Early Osage, Hoodoo, etc., with prices in Oz., 1/4 lb., and Lb.

Martynia

Table for Martynia, including 'For Pickles' with a note: 'The young seed pods make fancy pickles.'

Mustard

Table listing mustard varieties: White London, Chinese, or Giant Southern Curled, Chinese Smooth Leaves, and Fordhook Fancy.

Watermelon

Table listing various watermelon varieties including Citron, Cuban Queen, Florida Favorite, Early Fordhook, etc.

Mushroom Spawn

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn.

7. Brown (Bohemia) hardy, good producer, very heavy. 8. Cream-White, Mammoth Strain. 9. White (Alaska) Mammoth Strain. Price: (Bricks weigh approximately 1 lb.) Brick, 35c; 5 bricks, \$1.50; 10 bricks, \$2.50; 25 bricks, \$5.50; 100 bricks, \$19.00.

Okra

Table listing Okra varieties: White Velvet, Dwarf, Tall or Perkins' Mammoth.

Onion

Table listing various onion varieties such as Large Red Wethersfield, Southport Red Globe, etc., with prices in 1/4 lb., Lb., and Over 10 lbs.

Onion—Continued

Table listing onion varieties: Yellow Strassburg, Vaughan's Special Yellow Globe (Early), Mountain Danvers, etc.

Onion Sets

Onion sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders.

Table listing onion sets: Our sets are small, dry and unsprouted. Yellow Bottoms, Red Bottoms, Shallots or Yellow Multipliers, etc.

Peas

Table listing various pea varieties: Alaska, Alderman, McLean's Advancer, American Wonder, Ameer, etc.

Parsley

Table listing parsley varieties: Vaughan's Champion Moss Curled, Double Curled, Fern Leaved, etc.

Parsnip

Table listing parsnip varieties: Long Smooth, Hollow Crown, Improved Guernsey, etc.

Pepper

Table listing various pepper varieties: Vaughan's Magnum Dulce, Vaughan's Sweet Mountain, Bullnose (Hot), etc.

Potatoes—Northern Grown

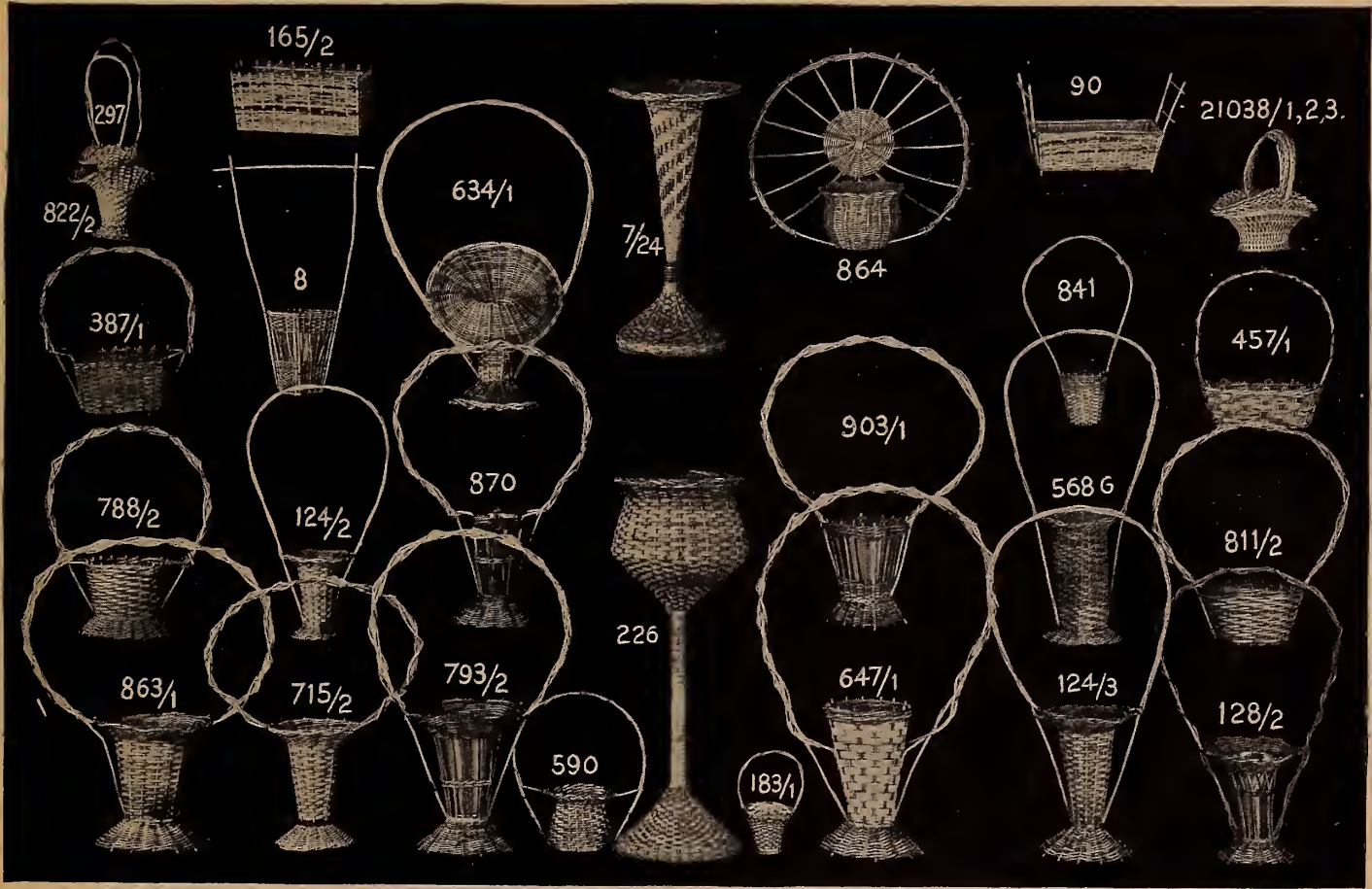
Table listing potato varieties: Vaughan's Improved Early Ohio, Irish Cobbler, Bliss or Red Triumph, etc. Includes note: 'For CERTIFIED STOCK of above varieties, Marked \* add to the prices of each, the following: bu., 45c; 100 lbs., 65c. F. O. B. Chicago.'







# Vaughan's Flower Baskets Newest Patterns



THE BASKETS we illustrate on this page are mostly staple and well-known styles which have proven satisfactory when used for Cut Flowers and Plants. We can fill orders promptly and satisfactorily. Give us a trial order. Let us send you a \$10.00 assortment.

We can make up an assortment of 35 small baskets in assorted sizes, shapes and colors, suitable for straw flowers, also holiday trade. These baskets will make up well with Boxwood, Ruscus, Statice and other prepared decorative material. Most of these are lined. Price, \$12.00 per assortment.

Style No.	Diameter, Inch	Depth, Inch	Overall, Inch	Price
7/18			18	\$2.00
7/24			24	3.60
7/32			32	5.00
7/36			36	6.00
7/42			42	7.35
8		8	23	.75
90	4 1/2	4	12 L	.85
124/1	7	9	22	.62
/2	8	10 1/2	27	.95
/3	9	13	32	1.20
/4	10	18	40	2.00
128/1	7	9	22	.65
/2	8	10 1/2	27	.95
/3	9	13	32	1.20
165/1	5 1/2	5 1/2	10 L	1.00
/2	6	5 1/2	13 L	1.30
/3	6 1/2	6	18 L	1.60
/4	7	6 1/2	21 L	2.00
183/1	5 1/2		11	.35
226	12	4	35	4.00
297		5 1/2	11	.40
387/1	5 1/2	5 1/2	9 1/2 L	1.10
/2	6	6	12 L	1.80
/3	6 1/2	6	18 L	2.25
457/1	7	4	11 L	1.05
/2	8 1/2	4 1/2	13 L	1.30
/3	10 1/2	5 1/2	15 1/2 L	1.80
568 G	8	12	30	.90
590	6 1/2	5 3/4	14 1/2	.55
634/0	10 1/2	11	23 1/2	1.45
/1	12 1/2	15	28 1/2	1.65
/2	13	17 1/2	34	2.05
/3	16	23	40	2.65

Style No.	Diameter, Inch	Depth, Inch	Overall, Inch	Price
647/00	6 1/2	9	25 1/2	\$0.85
/0	7	11 1/2	30 1/2	1.10
/1	8 1/2	14	34	1.25
/2	9	15	36	1.50
715/1	7	8	20 1/2	.80
/2	8 1/2	10	24	1.10
765/1	7 1/2	28	52	3.85
/2	9	35	62	5.00
/3	10	42	68	6.00
788/1	7 1/2	5	18	1.00
/2	9	5 1/2	20	1.25
/3	10	6 1/4	21 1/2	1.50
/4	11	6 1/2	23 1/2	1.75
793/1	9 1/2	9 1/2	23	.90
/2	10 1/2	12 1/2	29	1.10
/3	12 1/2	16	36	1.65
/4	13 1/2	19	40	2.00
811/1	8 1/2	5	19 1/2	.90
/2	9 1/2	6	21	1.10
/3	10 1/2	6 1/2	22 1/2	1.30
/4	11 1/2	6 1/2	24 1/2	1.45
822/1	9		16	.50
/2	10		18	.60
/3	11		22	.75
/4	12		26	.85
841/1	4 1/2	3	12	.15
863/1	11	11	29	1.50
/2	13	13 1/2	34	2.10
/3	14	15	38	2.50
864	11	6	21	2.10
870	5 1/2	10 3/4	26 1/2	.90
903/1	7	10	27	1.05
/2	7 1/2	11	31	1.40
21038/1-3	10 to 13		No liner	1.40
			Natural	1.10

These prices call for a two-tone or enamel finish. Metal liners included. Where liners are not desired, deduct 10% from price. Prices subject to change without notice. Packing cases at cost.

# Vaughan's Greenhouse and Florists' Supplies

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

**APRONS RUBBER.** These are especially made for us of the best quality sheeting and are 1½ yds. long. Each, \$2.35; 3 for \$6.75. Postage, 25c each, extra.

**CAPE FLOWERS.** Lb.  
 Pure White. Extra fine quality.....\$1.35  
 Colored. Bright shades..... 2.25

**CARNATION BANDS, Rubber.** Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about 13,000, \$3.00 postpaid.

### MODEL EXTENSION CARNATION SUPPORTS

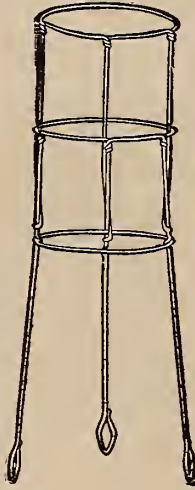
Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6¾ inches, bottom circle 7½ inches; total height of support extended 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately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

Price, 2-ring supports, \$6.50 per 100; \$57.50 per 1000. 3-ring supports, \$7.50 per 100; \$62.50 per 1000.

Write for price in large quantities.

**CARNATION STAPLE, Pillsbury's.** A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire.

Price, 1,000 staples, 35c; 3000 for \$1.00.



**PEONY SUPPORTS.** Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., \$3.00; in 3 doz. lots, doz., \$2.85.



### DOVES, Vaughan's Flexible.

The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.

Doves have been very scarce for a year. First quality. Each, \$2.25; doz., \$23.00.

#### Extra Quality Birds.

Price, ea., \$2.50; 6 for \$13.00; doz., \$25.00.

## Reeds, Raffia and Basket Bottoms

REEDS.		Per lb. 5lbs. Per lb.		Per lb. 5lbs. Per lb.	
No. 1.....	\$0.95	\$0.90	No. 5.....	\$0.75	\$0.70
No. 2.....	.90	.85	No. 6.....	.75	.70
No. 3.....	.85	.80	No. 7.....	.65	.60
No. 4.....	.80	.75	¾-inch Flat.....	.70	.65

**RAFFIA.** Natural, Best Grade, f. o. b. Chicago. Lb., 40c; 5-lb. lots, per lb., 37c; 10-lb. lots, per lb., 35c; 100 lb., \$30.00. Bale lots (about 225 lbs.), per 100 lbs., \$28.00.

**Dyed**—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 85c; 5 lbs. at 80c; 10 lbs. at 78c; 25 lb. at 75c. Samples on application.

### BASKET BOTTOMS. Veneered Basket Bottoms for Reed weaving.

Each		Per 100		Each		Per 100	
3-inch, Round.....	\$0.05	\$4.35	8x14-inch, Oval.....	\$0.24	\$22.00		
4-inch, ".....	.06½	6.00	10x16-inch, ".....	.29	27.00		
5-inch, ".....	.07½	7.00	12x20-inch, ".....	.45	40.00		
6-inch, ".....	.09½	8.75	3-inch, Square.....	.05	4.35		
8-inch, ".....	.14	12.50	5-inch, ".....	.07	6.50		
10-inch, ".....	.20	18.00	6-inch, ".....	.09½	8.75		
12-inch, ".....	.24	22.00	8-inch, ".....	.13½	12.50		
3x 6-inch, Oval.....	.08½	7.50	10-inch, ".....	.20	18.00		
4x 8-inch, ".....	.11	9.50	12-inch, ".....	.24	22.00		
6x 10-inch ".....	.15	13.00					

## LETTERS AND FIGURES

**IMMORTELLE LETTERING.** Purple.

Per 4-yard pkg. 95c; 6 pkgs. \$5.00.

**IMMORTELLE LETTERS AND FIGURES.**

1½ or 2 inches in length, 5c each; 100, \$4.50.

**BOSTON FLORISTS'.** Patent fasteners with each letter, 1½ and 2 inches, per 100, \$3.50.

**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, 4½c.



**PAPER SCRIPT WORDS.** Gold finish. The best letter ever introduced for use on ribbon and chiffon in the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, less than 100 words, 5c per word; per 100 words, \$3.50.

**CLOCK DIALS.** Purple face with white figures, or white face with purple figures. 4-inch., per doz., \$4.50; 7-inch, per doz., \$5.25.

**GILT RIBBON LETTERS.** Gummed. 25 letters in a package. 1¼-in. per 100, 75c; per 1000, \$4.00; ¾-in., per 100, 60c; per 1000, \$3.50.

**CHENILLE LETTERING.** Silk—Purple, scarlet, pink, light blue, yellow and white, at 75c per pkg. of 12 yds; \$7.50 per doz. pkgs.

**Worsted, Large**—Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 45c; per gross, \$4.50.

**Worsted, Medium**—12 yds., 35c; doz., \$3.75.

**Worsted, Small**—Same colors, 12 yards, 30c; gross, \$3.00.

**Twisted Chenille, Large**—Any color, 12 yds, 45c; gross, \$4.50.

### WOOD EASELS

Strong, well made, finished in white enamel.

Height	Per Doz.	Height	Per Doz.
30-inch.....	\$4.00	48-inch.....	\$6.00
36-inch.....	4.50	54-inch.....	6.50
42-inch.....	5.00	60-inch.....	7.00



### CUT-FLOWER BOXES

All sizes packed 100 covers per bundle and 100 bottoms per bundle.

**F. O. B. Chicago only.** Printing \$3.75 extra. In gold \$7.50 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete



stock and can usually fill orders promptly. When ordering printed boxes allow ten to twelve days extra for delivery.

Prices subject to change without notice owing to market conditions.

### VAUGHAN'S "GREEN" GRADE.

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

Size in inches	Weight	Per	Size in inches	Weight	Per
3 x 18x5	35 lbs.	\$4.20	4x24x 8	70 lbs.	\$ 7.50
3 x 21x5	40 lbs.	4.60	5x28x 8	90 lbs.	9.00
3½x24x5	50 lbs.	5.50	5x36x 8	125 lbs.	11.25
3½x30x5	65 lbs.	6.50	6x40x10	165 lbs.	16.00

### FLORAL DESIGN BOXES. (Gray.)

No. 25. 7x30x12.....	\$17.25	No. 27. 8x20x20.....	\$19.00
No. 26. 6x36x14.....	18.50	No. 28. 8x24x24.....	23.00

Packed 25 complete per bundle.

### CORSAGE BOXES. Pearl Gray.

5x9x6, 30 lbs.....	\$3.90
5½x11x8, 45 lbs.....	4.90

# Rubber Hose, Couplers, Nozzles, Etc.

## ELECTRIC NON-KINKABLE GUARANTEED HOSE

A brand of hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

**Guarantee**—We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

Price  $\frac{3}{4}$  or  $\frac{1}{2}$  inch; couplings 15c per set; sample mailed free if desired.

1 to 24 feet.....	per ft. 22c	50 to 99 feet.....	per ft. 20c
25 to 49 feet.....	per ft. 21c	100 to 400 feet.....	per ft. 19c

In bales of 500 ft., 18c ft.



### HOSE COUPLER, The "Snap."

A new and simple coupling, easy to operate; stationary washer; cannot fall out.

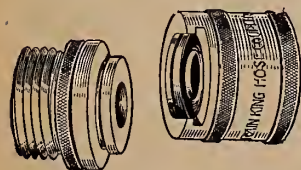


No. 1 No. 2

**No. 1**—Screws onto hydrant or old threaded coupling; use with No. 2 in connecting hose. Each, 35c; doz., \$3.50.

**No. 2**—Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection, No. 1. Can also be screwed into old threaded coupling. Each, 25c; doz., \$2.40.

**Common**—Brass, for  $\frac{1}{2}$  or  $\frac{3}{4}$ -in. hose. Each, 20c; doz., \$1.80. 1-in., each, 28c; doz., \$2.50.



**INSTANTANEOUS HOSE COUPLER.** Instead of screwing your hose connections together, you can now snap them on instantly. Fits nozzles, sprinklers and standard hose connections.  $\frac{3}{4}$ -inch. Price 60c; doz., \$6.50.

**HOSE MENDERS, Iron.**— $\frac{3}{4}$ -in. Each, 7c; doz., 70c; gross, \$7.25.

**HOSE CLAMPS,** with nut and bolt. For  $\frac{3}{4}$ -inch hose. Each, 5c; doz., 40c; gross, \$3.50.

### PERFECT CLINCHING HOSE COUPLER.

$\frac{3}{4}$ -inch. Per pair, 25c; per doz., \$2.50.



**PERFECT CLINCHING HOSE MENDER.** Each, 15c; doz., \$1.10.

### HOSE NOZZLES.



**"Chicago"**—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each  $3\frac{3}{4}$  inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

**Boston Rose Spray Nozzle**—Brass.  $\frac{3}{4}$ -inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.

**Bordeaux Spray Nozzle**—For spraying insecticides and whitewashing.  $\frac{1}{2}$ -in. hose. Each, 90c; by mail, 95c.

**Vermorel Spray Nozzle**—For spraying insecticides and whitewashing. For  $\frac{1}{2}$ -inch hose. Each, 90c; by mail, 95c.



**"Gem"**—Throwing all variations, from fine spray to stream. Each, 85c.

**HOSE STRAPS, Caldwell.** For  $\frac{1}{2}$ ,  $\frac{3}{4}$  and 1 in. hose. Doz., 35c; gross, \$3.25.

**HOSE WASHERS.**  $\frac{3}{4}$ -inch. Doz., 5c; gross, 50c.

**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 wires, pliers or mechanical skill to adjust them. Price: For  $\frac{1}{2}$  or  $\frac{3}{4}$  inch hose, each, 10c; 4 for 35c; doz., 90c. 1-inch hose, each, 12c; doz., \$1.15.

**Budding Knife**—Ivory tip, black handle. Each, \$1.50.



Vaughan's Florist

## 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. 5 A

**Budding, No. 5A.** Black handle; brass lined.....\$1.50 3 for \$4.25

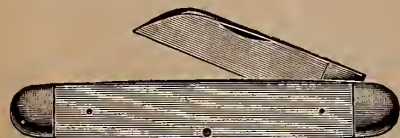
**Budding, Beech Handle.** Per doz., \$4.00 ..... .40 1.10



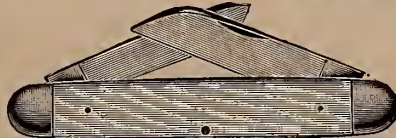
No. 109

**Budding, Ivory Handle, No. 109.**.....\$2.25 \$6.50

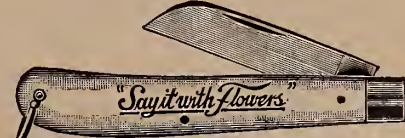
**Potato Knife, Stationary blade, beech handle, right or left handed.** Per doz., \$2.50 ..... .30



**Vaughan's Prop.** No. 89030, white handle, one blade, each, \$1.25; 3 for \$3.00; doz., \$10.00.



**Vaughan's Budding and Prop.** No. 86281, with Brass Caps, each, \$1.50; doz, \$12.50.



**White Handle, No. 83023W,** silver nickel shackle for chain attach. Ea., \$1.25; 3, \$3.50

<b>Vaughan's Florist</b> —3 for \$3.00; 12 for \$10.50.....	\$1.25
<b>Propagating, No. 1545,</b> White handle with nickel silver shackle for attaching to chain. 3 for \$3.50.....	1.25
<b>Asparagus</b> —American straight cut.....	.45
<b>American Fishtail</b> .....	.50
<b>Henckel's White Handle,</b> with Brass Caps, 2 blades, budding and prop., No. 727W.....	2.00
<b>Vaughan's English No. 107</b> —Heavy Prop., Ivory Handle with Brass Caps.....	3.00
<b>Henckel's Nurseryman's Extra Heavy Pruner, No. 3C</b> ...	2.00
Henckel's strong, No. 2C.....	1.75
<b>Putty Knife</b> —No. 120, a very good tool; 3 for \$1.00.....	.35
<b>Pruning, Stag handle</b> .....	2.25

# Greenhouse and Garden Supplies

## THERMOMETERS

(Can be sent by mail at a small extra charge for packing.) 8-in., each, 35c; doz., \$2.75.

**Tin Case.** Standard grade (tested). 8-in., each, \$1.50; 3 for \$4.25.

**Cabinet.** Wood case; metal face. Each, 65c; 3 for \$1.75.

**Self-Registering.** With magnet. 8-in., each, \$5.50.

**Minimum.** For registering cold during absence and showing present temperature. Each, \$2.25.

**Hotbed (Mushrooms).** Brass point, wood frame. Each, \$2.50.

## PLANT BED CLOTH.

A substantial substitute for glass, being light, can be easily and safely shipped.

**Medium.** 20 yds and up, per yd., 21c; 60 yds. and up, yd., 19c. **Heavy.** 20 yds. and up, per yd., 30c; 60 yds. and up, yd., 28c. We do not sell less than 20 yds. of a kind; comes in 40 and 60-yd. lengths. Samples on application.

## SASH, Hotbed.

Unglazed, 3x6 ft., for 3 rows, 10-inch single glass, each, \$2.85, 3 for \$8.30; doz., \$31.80. Glazed, single strength, each \$5.75; doz., \$66.00.

For 38 in. x 6 ft., for 4 rows, 8-inch single glass, unglazed, each, \$3.10; 3 for \$9.00; doz., \$34.40. Glazed, each, \$6.00; doz., \$69.00.

Our sash are made of clear air-dried Cypress. Unglazed sash are not painted. Glazed sash are painted one coat.

Add 95c per sash for double-strength glass.

Above prices subject to market fluctuation.

## CELLO GLASS

Will take the place of glass in hotbed sash, unbreakable and very light in weight, put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$12.50; 50-ft. roll, \$24.50; 100-ft. roll, \$46.00.

**SIEVES.** For sifting soil. 18 inches in diameter, all sizes mesh from 1/8 to 1/2 inch. Each, \$2.50.



Hot Bed

## MILO WATERPROOF HOTBED MATS.

A combination of heavy weight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size, 40x78 inches. Each, \$2.35; doz., \$24.00. Size, 76x76 inches, each \$4.25; doz., \$43.75.



Write us for prices in continuous lengths.

**MATS. Imported Hotbed.** Superior to straw mats; very durable; size 76x76 inches. Each \$2.65; 3 for \$7.50; doz. \$27.00.

## SYRINGES

<b>English Brass.</b>	Each
No. 0. Length, 12 1/2 in.; 15-16 in. in diam.....	\$2.35
No. D. 15 1/2 in. long, 1 1/2 in. in diam.....	4.00
No. 5. Best for general greenhouse use.....	6.50
No. 12. 14 in. long, 1 in. in diam.....	3.75
No. 11. 18 in. long; 1 stream, 2 sprays.....	5.25



## WHEELBARROWS

**Vaughan's Greenhouse.** Made especially for use in greenhouses between the benches. Dimensions are as follows:

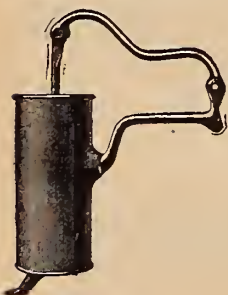
Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2 1/2-inch tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. Legs reinforced. Price, each, \$9.25.



**RED STAR GARDEN BARROW.** The best in design, material and workmanship. 2 1/4-inch tire which permits easy wheeling of heavy loads. Price, \$8.00.

# Glazing Tools, Materials and Paints

## ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE



DIAMOND GLASS CUTTER



PUTTY BULB

## MASTICA, For Glazing Greenhouses

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

Price, per gal., \$2.60; 5 gals., \$12.50; 10 gals., \$24.00.

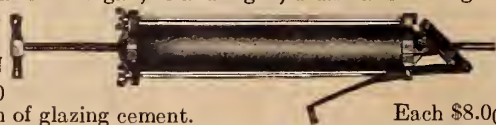
## MASTICA MACHINE—Each, \$3.25.

## 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 \$1.25 a gal.; one gallon can, \$1.50.

## GLAZING GUN

Gratis with 40 or 60-gal. drum of glazing cement.



Each \$8.00

## GLAZING PUTTY, Twemlow's Old English

Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$2.90; 5 gals., \$14.25; 10 gals., \$28.00.

**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, \$1.50; 3 for \$4.25; doz., \$14.00; in three doz. lots, doz., \$13.00; in six doz. lots, doz., \$12.50. If by mail (weight under 1 lb.).

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

No. 2. For large single thick glass.  
No. 2 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 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 when repairing greenhouse roof. Two sizes, 5/8 and 3/4-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of 5/8; over 1,000 points in 1-lb. pkg. of 3/4. Price: Per lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.00.



## 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. Price, per box of 100 clamps, \$1.35.



**DIAMOND GLASS CUTTER.** With guide wheel. Each, \$4.50.

**RED DEVIL GLASS CUTTER.** Doz., \$2.00; each, 20c.

**PUTTY KNIFE, No. 120.** A very good tool. Each, 35c; 3 for \$1.00.

## PAINT, Vaughan's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., \$3.60; 5 gals., \$16.25; 1/2 bbl., at \$3.00 gal.





# Insect Destroyers



Unmailable—Insecticides containing Poison CANNOT be Sent by Mail—by Express only.

**BLACK LEAF 40**, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c; ½ lb. can, \$1.25, makes 40 to 100 gallons; 2-lb. can, \$3.50, makes 200 to 500 gallons; 10-lb. can, \$13.50, makes 840 to 2100 gallons.



**LIME SULPHUR.** (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00. Write for prices in barrel lots.

**DRY LIME SULPHUR.** For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$14.00.

**ANTROL.** Cottage sets containing 9 jars and 6 oz. bottle of syrup, price \$1.90; extra jars each 20c. Pint bottle of syrup \$1.00; gal. \$4.00.



**ANT EXTERMINATOR.** Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 35c; smaller size, 20c; by mail 5c. extra.

**APHINE.** 1 pt., 65c; 1 qt., \$1.00; 1 gal., \$3.00.

**CALCIUM, ARSENATE.** (Dry.) Lb., 50c; 4 lbs., \$1.60.

**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., 40c; 4 lbs., \$1.50; 25-lb. kegs, \$5.25.

**CARBON DISULPHIDE.** For ants and cut worms. 1 lb., 50c; ¼ lb., 25c.

**DERRISOL.** Is an odorless nonpoisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; 8 ozs., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

**FLOWERS OF SULPHUR.** Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$6.50.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

**FUNGINE.** New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 65c; 1 qt., \$1.00; gal., \$3.00.

**GRAPE DUST.** Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95c; 10 lbs., \$1.80.

**HELLEBORE POWDERED, White.** Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

**NICO-FUME POWDER FUMIGATOR.** Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.25; 5-lb. tin, \$4.00; 10-lb. tin, \$7.50.

**LEMON OIL.** Destroys mealy bug, scale, red spider. ½ pt., 35c; pt., 60c; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40 per cent. nicotine. ¼ lb., 75c; 1 lb., \$2.25; 4 lbs., \$7.00; 8 lbs., \$13.50.

**"NICO-FUME."** A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25, 144 sheets, \$5.25; 288 sheets, \$9.50.

**USPULUN.** The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings and disinfection of seed bed soil. Prices, 2 oz., 50c; ½ lb., \$1.60; 5 lbs., \$13.00; 25 lbs., \$62.50. Write for leaflets stating for what purpose desired.

**TWO-WAY SPRAY.** (Dry) Combination insecticide and fungicide, containing arsenate of lead and Bordeaux mixture. Price, lb., 50c; 4 lbs., \$1.50; 100 lbs., \$21.00.

**ACME ALL ROUND SPRAY.** The latest improvement in the insecticide field, one product which will combat blight and fungus diseases, control sucking insects and destroy chewing insects in one application; safe to use on almost all fruits, vegetables, flowers and shrubs. Per ¼ lb., 35c; 1 lb., 85c.



**SULPHATE OF IRON.** A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50.

**ARSENATE OF LEAD.** (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 50c; 4 lbs., \$1.75; case of 32 lbs., \$9.00; 100 lbs., \$22.00.

**PYROX.** Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.



**NIKOTEEN.** 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; ½ pt., \$1.10; pt., \$2.00; 3 pts., \$5.75; original case 10 pts., \$18.00. 40% grade. 4 lbs., \$7.00; 8 lbs., \$13.50.

**PARIS GREEN.** A poisonous insecticide in powder form, for insects which chew. ¼ lb., 20c; ½ lb., 35c; per lb., 55c; 5 lbs., \$2.50; 14 lbs., \$6.00.

**SULPHO-TOBACCO SOAP.** One of the best remedies for green fly on roses. Per ½-lb. box, 25c; by mail, 30c. 3-oz. package, each, 15c; by mail, 20c.

**SCALECIDE.** An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60. Write for price in barrel lots.

**SLUG SHOT, Hammond's.** Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. 25c; 5 lb. package, 60c; 25 to 50 lbs., at 10c per lb. Per keg 125 lbs., \$12.00; barrel, 250 lbs. in bulk, \$23.00. Slug Shot Duster. ½ gal. size, 60c.



**THRIP JUICE No. 2.** Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., \$1.10; gal., \$3.25.

**TOBACCO DUST. (Regular Grade.)** 5 lbs., 35c; 10 lbs., 60c; 100 lbs., \$4.00.

**TOBACCO STEMS.** 100 lbs., \$2.50; 500 lbs., \$9.50; 1000 lbs., \$18.50.

**TREE TANGLEFOOT.** Perfect safeguard for trees. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

**VERMINE.** For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, 65c; quart, \$1.00; 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. ½ pint, 50c; pint, 75c; qt., \$1.00; gal., \$3.00; 5 gal., \$12.00.



**WILSON'S O. K. PLANT SPRAY.** A powerful yet harmless and efficient insecticide for aphid, red spider, mildew scale, etc., for inside and outside spraying. Price, ½ pint, 40c; quart, \$1.00; gallon, \$3.00; 5 gallons for \$12.00.

**CYANOGAS CALCIUM CYANIDE "G."** Greenhouse fumigant. Aphid, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.



# Sprayers, Blowers and Sprinklers

**Standard Spray Pump.** This pump is bucket, barrel or knapsack pump, as desired. Price, \$5.00. With knapsack and curved extension, \$9.25.



**Auto Spray.** Eight to ten strokes, compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray. Price, including extension rod: Galvanized iron reservoir, with Auto Pop, \$6.50; solid copper reservoir, with Auto Pop, \$9.00. Brass Extension Rod, in 2-ft. lengths, each, 50c.



**Success Spray Pump.** Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, \$7.00.

**The Kinney.** Used for spraying liquid manures. Worked by water pressure. Nickered iron; construction simple. Each, \$2.75.

**Perfection Sprayer.** The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides. Two styles.



Galv'ed steel, \$6.50; solid brass, \$9.00.

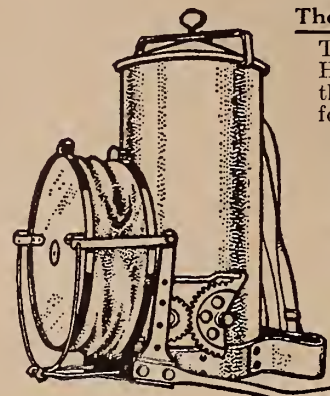
**WHEELBARROW SPRAYER**

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. 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 12½ gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$22.50. Shipping weight, 80 lbs.

**Greenhouse Wheelbarrow Sprayer.** Similar to above, but with smaller pump. Each, \$14.00.



## The American Beauty Dust Sprayer




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 top and 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 \$20.00. Write for leaflet of the American Beauty Dust Sprayer.

See page 57 for Insecticide Nozzles

**POWDER GUNS.** The best dry powder guns for blowing powder on plants and insects. Cyclone. Each, 20c. Jumbo, each, 45c.


## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

We are General Western Agents  
None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each \$1.35; doz., \$13.50.



**Pneumatic Sprayer.** Compressed air hand-sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides. 1-qt. size. Galvanized tank; each, \$1.25; brass tank, each, \$2.00.


**DUSTER—Leggett's Little Giant.**  
The best dry powder gun; can dust two rows at a time. Each, \$9.00.



**DUSTER. Lowell.** Handy for dusting any dry insecticide. Operated same as hand-sprayer. Each, 85c; 3 for \$2.25.

**POWDER BELLOWS.** For dusting with sulphur or like material. Made of hardwood with best calfskin, receivers in polished zinc with large opening for powder. 17-in., each, \$1.75; 21-in., each, \$2.75.


**Peerless Sulphur Blower.** The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in 5 min. with this machine. Each, \$7.50.




# Trowels, Lawn and Pruning Tools

**SAWS, Double-Edged Pruning,**  
16-in., \$1.60; 18-in., \$1.75; 20-in., \$1.85.

**Vaughan's Perfection Pruning.** Made of the best steel with adjustable blade, so any branch can be easily removed close to trunk of the tree. Can be used as a handsaw or fastened to any size pole. Each, \$2.35; 3 for \$6.75; extra blades, 25c.



**California Pole Trimmer** Curved, draw-cut saw with crook for removing branches. Each, \$2.35.



**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.85.

**SHEARS, Pruning.** 6-in., \$1.50; 9-in., \$1.75. Extra springs, ea., 15c.

**Levin's Improved.** Each, 85c.

**Henckel Twin Brand Imported Pruning Shears,** with ratchet, 7½-inch. Each, \$2.50; 8½-inch, each, \$2.75; 9½-inch, each, \$3.25.

**Henckel. Calif. pattern,** with brass spring. Each, \$3.25.



**Grass.** With thumb guard, for trimming around beds. Each, 50c.

**Border.** Long handle, 9-inch, \$4.75.

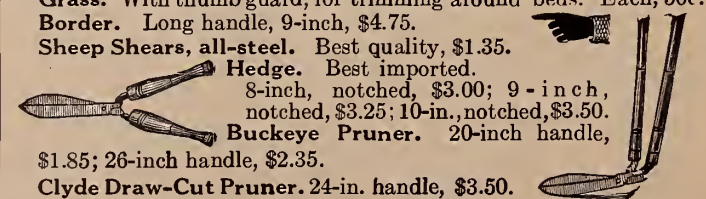
**Sheep Shears, all-steel.** Best quality, \$1.35.

**Hedge.** Best imported.

8-inch, notched, \$3.00; 9-inch, notched, \$3.25; 10-inch, notched, \$3.50.

**Buckeye Pruner.** 20-inch handle, \$1.85; 26-inch handle, \$2.35.

**Clyde Draw-Cut Pruner.** 24-in. handle, \$3.50.



**SICKLE. Grass Hook. (English, Riveted Back.)** Each, 75c.

**Domestic Knuckle Saver.** Each, 75c.

**TREE PRUNERS. Waters' 6 ft., \$1.65; 8 ft., \$1.85; 10 ft., \$2.00; 12 ft., \$2.25. Extra blades, each, 25c.**

**No. 4 Jointed Tree Pruner,** 12 ft., in three 4-ft. sections. Ea., \$5.50.

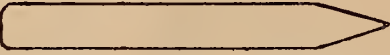
**TROWELS. Vaughan's Steel.** Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 95c; 3 for \$2.75; 6 for \$4.50; 12 for \$8.50.

**Ordinary Garden Trowel.** 6-inch, 15c; dozen, \$1.50.

**English Steel.** An excellent trowel, neat and durable; 6-inch, each, 35c; 3 for \$1.00; dozen, \$3.00.

# Labels, Paper, Pot Covers and Vases

**LABELS (Pot).** We carry the best quality of Wooden Labels made.



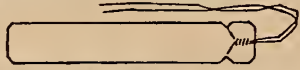
They are smooth, strong and neat. In lots of 5,000 we allow a discount of 5 per cent.

	Per 1000
	Plain Painted
Wooden, 4-in., plain, 10,000, \$12.50	\$1.35
" 4 " painted, 10,000, \$16.00	\$ 1.75
" 5 " " " " " " " " "	1.60
" 6 " " " " " " " " "	2.00
" 8 " " " " " " " " "	5.60
" 10 " " " " " " " " "	6.85
" 12 " " " " " " " " "	9.50

**LABELS (Tree).**

	Plain	Painted
Wooden, 3 1/2 in. iron wired.....per 1000.....	\$1.60	\$2.00
" 3 1/2 in. copper wired.....per 1000.....	1.95	2.35

**COPPER LABELS.** Wired, indestructible. Per 100, \$1.60; larger size, per 100, \$2.25.



**CYPRESS LABELS.** For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of 3/8-inch timber. Paint with white lead before using, and write before paint dries.

Length, 16 inches.....per 100, \$3.50  
 " 18 inches....." " 4.50

**ZINC TREE LABELS.** For an enduring label these are unsurpassed. They last for many years. The writing is done with an ordinary lead pencil, gets plainer with age. They are copper wired and measure 3 1/4 x 1/4 inches. Price per 100, \$1.60.

## Paper

Prices on Paper subject to Market changes.

- Manilla Tissue.** Regular grade, 24x36 inches, f.o.b. Chicago ream (400 sheets), \$1.00; 10 reams (4000 sheets), \$9.00; f.o.b. N. Y., ream (480 sheets), \$1.20; 10 reams (4800 sheets), \$11.00.
- American Beauty Tissue.** 24x36 inches, f.o.b. New York, ream (480 sheets), \$1.60; 10 reams (4800 sheets), \$14.50; f.o.b. Chicago, ream (400 sheets), \$1.35; 10 reams (4000 sheets) \$11.50.
- Florists' Pure White Tissue.** 24x36 inches, f.o.b. Chicago, 2000 sheets, \$7.00; 400 sheets, \$1.50; f.o.b. New York, 2400 sheets, \$8.40; 480 sheets, \$1.80.
- White Wax.** Medium, 24x36 inches; f.o.b. Chicago, 400 sheets, \$2.00; f.o.b. New York, 480 sheets, \$2.50.
- Green Wax.** Beautiful shade light green, 24x36 in., f.o.b. Chicago, 400 sheets, \$2.25; f.o.b. New York, 480 sheets, \$2.70.
- Green Wax Paper.** 3-inch rolls; a time-saver and no waste; 12 lbs. to a box. Per box of 12 rolls, \$2.50.



- Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 40c; per doz., \$4.00; per 100 rolls, \$26.50.
- Florists' Watermarked Wrapping Paper.** "Say it with Flowers" combining two essentials, Paper and Publicity. Made in two colors, bleached white and cloud green. Rolls, sizes 24 in., 30 in., 36 in. wide. Price per lb., 15c. Write for prices in larger quantities.
- Kraft Wrapping** in rolls, all weights and sizes. Price, per lb., 10c.
- PENCILS, Weatherproof.** For marking labels. Each, 10c; doz., \$1.00.



**The New Ideal Handle for Flower Pots and Boxes.** Grips rim like vise. Adjustable to any size pot. Remains permanently attached. Beautiful 2-tone gold finish. Four strands reed woven over strong wire. Two-toned gold finish over standard assorted colors. Per doz., \$3.10; 100, \$24.00. Packed in boxes of 25 each; 100 price allowed on one or more boxes. Three sizes, small, medium and large. Five plain colors, green, pink, blue, red and yellow. Also 2-tone gold finish, using above colors as a base.

**PORTO RICO MATS.** These artistic mats used for decorating all blooming plants. Assorted Colors. Per doz., \$2.00; per 100, \$10.00. Two-tone, per doz., \$2.25; per 100, \$11.00.

**POT COVERS, Crepe Paper.** Rubber bands running through them for adjustment on pot; are without bottom. Doz. 100

No. 1—To cover 5 or 6-in. pot.....\$0.85 \$ 5.50  
 No. 2—To cover 6 or 7-in. pot..... 1.00 7.50  
 No. 3—To cover 8 or 9-in. pot..... 1.35 9.00  
 No. 4—To cover 10-in. pot..... 1.50 11.00

## VASE. Green Earthenware

**Cemetery.** A strong and ornamental vase, that keeps its color. Each, 35c; per dozen, \$3.20; 3 dozen for \$9.00.

**Tin, Green Painted, with spike.** Each, 20c; doz. \$1.80; 3 doz. for \$4.50.



## 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	Diameter		Ht.	Per Doz.	Price	Style	Diameter		Ht.	Per Doz.	Price
	Top	Bot.					Top	Bot.			
253	4 3/4 in.	3 1/2 in.	10 in.	\$4.50	65	7 1/2 in.	6 1/2 in.	8 in.	\$5.00		
255	6 1/2 in.	5 1/4 in.	12 in.	6.75	66	9 in.	7 1/2 in.	10 in.	6.00		
257	6 1/2 in.	5 1/4 in.	15 in.	7.80	68	9 in.	7 1/2 in.	12 1/2 in.	9.00		
57	5 in.	3 1/2 in.	5 in.	2.75	69	9 in.	7 1/2 in.	18 in.	12.00		
59	6 1/2 in.	5 1/2 in.	7 in.	4.20	70	9 in.	7 1/2 in.	24 in.	13.20		

## ANDREWS CAST IRON VASE.

The vase that is a success. The water is poured through the filling tube into the reservoir. It is necessary to fill the reservoir but once per week to secure best results. Provided with an overflow pipe in the bottom of the bowl which carries any surplus water down through the inside of the vase onto the ground, thus eliminating the possibility of too much water being held around the plants.

- No. 1. Diameter, 20 inches; height, 30 inches.....Each \$17.00
- No. 2. Diameter, 24 inches; height, 32 inches.....Each 21.00

**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.



## SUCTION FLOWER HOLDERS

Diameter	Per Doz.
3 inch.....	\$3.00
4 inch.....	4.00
5 inch.....	5.00



# SPHAGNUM MOSS

Bright, Clean, New Growth,  
Free from Brush or Grass

VAUGHAN'S  
CLEAN SPHAGNUM  
FOR FLORISTS

Burlapped Bales

## THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

For carloads write us.

**BURLAPPED BALES.** (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots per bale, \$1.25; 25-bale lots per bale, \$1.10. Write for price on moss in large quantities F. O. B. Woods.

**BURLAPPED BALES.** (Size as above) F. O. B. CHICAGO. Single bale, \$1.50; 5 bales, \$7.00; 10 bales, \$13.50. Write for price on larger quantities.

New York Prices, 35 cents per bale higher. Cartage free.

**GREEN SHEET MOSS,** for Windows, Baskets, etc.

per sack, \$2.25; 5 sacks, per sack, \$2.00.  
Above prices subject to change without notice.

# Ribbons and Chiffons

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



Nu Idea Fibre

**Nu Idea Silk Fibre 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. Price per spool, \$1.15. Box of 20 spools at \$1.00 spool.

**Plain Edge Metaline Shower Ribbon No. 2.** 50-yard spool, \$1.00.

**Pecot Edge Metaline Shower Ribbon.** Something new and very rich looking; Price per reel of 50 yds., \$1.25.

**Pecot Edge Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, \$1.25.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 60c; doz., \$6.75.

**Fibre Ribbon.** Silk finish, 1-inch width; all colors. 50-yard bolt, \$1.50.

**Wired Metaline.** 6-inch. The newest thing with 3-stripe edge with fine wire woven in each edge, which holds your bows in place; tie your bows, snip wire at beginning of streamers and pull them out. Your streamers will be left flowing. Per yd., 9c.

**Metaline.** 6-inch, 3-stripe edges, highly lustrous, adaptable for basket and funeral work. 40-yd. pieces, per yd., 8½c.

Wirde Metaline



**Ribbonzene Crinkle Ribbon No. 1.**

All colors. 500-yard spool, \$1.15; doz. spools, \$12.00.



**Valley Pattern Chiffon.** Pink, white, lavender and purple. 6-inch, per yard, 9½c. Six bolts at 9c per yard.



**Dotted Chiffon, all shades.** In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 7½c; 6-inch, per yard, 9½c.

**Plain 3-Stripe French Chiffon.** Superior quality. 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, 7½c; in 6-bolt lots, 7c per yard.

**Corsage Shields.** Lacette's. All colors. Per doz., \$2.00; gross, \$21.00.

**Corsage Pins,** 4-inch; assorted colors. Per gross, \$2.00.

**Corsage Ties (Cord and Tassels).** Per doz., 65c; per gross, \$6.50.

# Books on Florists' Problems

**BOOKS.** For other Books, send for our Book List.

- Bulbs and Tuberos Rooted Plants. Allen. Cloth...\$2.10
- Chrysanthemum Culture. Herrington. Cloth, 158 pp. 1.00
- Cyclopedia. Bailey's New Standard of Horticulture. 3 volumes; 3639 pages..... 25.00
- Dahlia Culture, A Little Book of Modern. By Waite. Illustrated. Cloth, 126 pages..... 1.65
- Design of The Small Properties. By Bottomly. Illustrated. 233 pages..... 3.10
- Fertilizers. By Prof. Voorhees. The best book on this important subject. Easy, comprehensible style..... 2.60
- Floral Designs de Luxe. 355 designs..... 5.00
- Gardening for Profit. Henderson. Cloth, 369 pages... 2.10
- Gladiolus, The. Covers whole field of gladiolus culture. By Crawford and Van Fleet. Illustrated..... 1.50
- Greenhouse Construction. Taft. All the best structures fully described; 100 illustrations. Cloth..... 2.35
- Greenhouse Management. By L. R. Taft. Illus. Cloth 2.35
- Farm and Garden Rule Book. Contains much valuable information. By L. H. Bailey. Cloth..... 3.10
- Iris, The. By Wister. Cloth, 128 pages..... 1.35
- Insects and Insecticides. C. M. Weed. Illus. 334 pp.. 1.80

**BOOKS.** (Continued)

- Landscape Gardening, Book of. By Waugh. New. Illustrated. Cloth, 220 pages.....\$2.10
- Mushroom Growing. By B. M. Duggar. Illustrated. Cloth, 250 pp..... 2.10
- Nursery Manual, The. Bailey. Cloth. 12 mo..... 2.60
- Plant Culture. By Oliver. Illustrated. Cloth. 442 pages 3.65
- Plant Propagation Greenhouse and Nursery Practice. By M. G. Kains, Cloth, 322 pp..... 2.35
- Practical Landscape Gardening. By Robert B. Cridland, Landscape Architect, Illustrated, Cloth..... 2.65
- Practical Floriculture. By Henderson..... 2.10
- Pruning Manual, The. Bailey. Illus. 407 pp..... 2.60
- Roses for All American Climates. By Thomas. Illustrated. Cloth, 251 pages..... 3.10
- Roses and Their Culture. By S. C. Hubbard. 127 pages. 1.35
- The Book of Water Gardening. Peter Bisset. Cloth.. 5.00
- Fritz Bahr's Commercial Floriculture. A practical manual for the retail grower..... 5.50
- Vegetable Forcing. Watts. Cloth..... 2.60

# Wreath and Bouquet Materials

## Prepared Leaves, Sprays and Mosses

**JAPANESE AIR PLANTS.** Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15c; doz., \$1.35; 100, \$9.50.

**IMMORTELLES, Colored.** White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 50c; doz., \$4.80; 50 bunches, \$18.00. In case lots of 125 bunches, \$34.00 per 100 bunches.

**Natural (Yellow),** bunch, 50c; dozen, \$4.80; 50 bunches, \$17.00. In case lots, of 125 bunches, \$33.00 per 100 bunches.



**MAGNOLIA. Bronze, Green,**

**Purple.** Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color per carton, \$1.65; 6 at \$1.60 each. Red, per carton, \$2.00. Case of 100 lbs., \$21.00.

**LYCOPODIUM, Prepared.** 10 lbs. to carton. Price, per carton, \$2.75; 3 cartons, \$2.65 per carton. Write for price in bulk.

**OAK LEAVES, Prepared.** Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.60; 6 cartons, \$1.50 each.

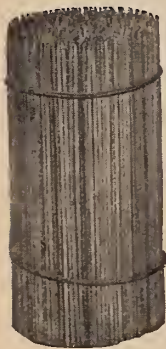
**OAK SPRAYS, Prepared.** Large selected branches in Red, Brown and Green. Price, per lb., 35c; 10 lbs., \$3.00. Write for prices in case lots.

**IMPORTED STATICE.** Used extensively in Wreaths and Baskets. Natural, per lb., \$1.25; 10 lbs. for \$11.00.

**MATCH-STICKS.** Either natural wood or dyed green. Natural 5-inch, 70c; 12-inch, \$1.65; 18-inch, \$2.50 per 1000. Dyed green 5-inch, 80c; 12-inch, \$1.85; 18-inch, \$2.75 per 1000.

**GREEN WIRED MATCH-STICKS.** 4-inch box of 4,500, \$3.00; 6-inch box of 3,000, \$2.25.

**TOOTH PICKS.** Wired. A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, \$2.50 per box; case of 50,000, \$10.50.

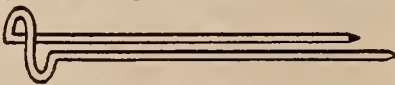


**Wood.** 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 15 boxes, \$1.00; 35 boxes, \$2.00; 1 case, 100 boxes, \$4.75.

**PINS, GREENING.** Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc. \$2.25 per box of about 11,000.

**FERN PIN.** New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$2.35.



**TIN FOIL.** Price subject to change without notice. Terms cash.

**Florists' Foil.** 5, 6 or 7 inch, 1 lb., 22c; 10 lbs., \$2.20; 25 lbs., \$5.00; 50 lbs., \$9.00; 100 lbs., \$16.50.

**Violet or Green Foil.** Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.50.

**BULL DOG CLIPS.** The clip with the grip. Per box of 1,000, 85c; 10 boxes for \$7.50.



**WHEAT SHEAVES.** Write for prices.



**CYCAS LEAVES.** Prices subject to change without notice.

Length	Doz.	100	Length	Doz.	100
8 to 12 in.....	\$0.60	\$2.75	28 to 32 in.....	\$1.15	\$ 6.00
12 to 16 in.....	.70	3.00	32 to 36 in.....	1.35	7.00
16 to 20 in.....	.85	3.75	36 to 40 in.....	1.50	8.50
20 to 24 in.....	.95	4.50	40 to 44 in.....	1.75	9.50
24 to 28 in.....	1.00	5.00	44 to 48 in.....	2.00	10.50

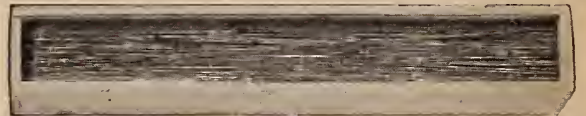
**WIRE.** (Prices subject to change.)

**Bright Annealed.**

No.	Per lb.	6 lbs.	12 lbs
No. 18..	\$0.25..	\$0.75..	\$1.10
No. 20..	.25..	.85..	1.25
No. 22..	.30..	1.00..	1.35
No. 24..	.35..	1.15..	1.60
No. 26..	.35..	1.30..	1.75
No. 28..	.40..	1.40..	2.00
No. 36..	.70..	2.50..	3.25

**FLORISTS' CUT WIRE.** Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price.....	\$1.40	\$1.60	\$1.65	\$1.75	\$2.25	\$2.75



**TWINE "The Queen" White Cotton Twine.** For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, \$2.25. Write for prices in larger quantities.

**Polished Cotton.** No. 228, for parcels. Per lb., 55c.

**Jute.** For bunching; 2 or 3-ply. Per lb., 32c; 10 lbs., \$2.75; per 100 lbs. \$23.00.

**Silkalene.** For, stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25.

**Florists' Thread, Green.**

Similar to Silkalene. Samples on application. 8 spools to a box. Per lb. box, \$1.45; 10 boxes at \$1.25 per box; 25 boxes at \$1.15 per box.

**Green Sea Island Twine.**

Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 75c. 5 boxes at 70c per box.

**FLORISTS' SNIPS**

(Especially suitable for cutting wire, etc.) Each, \$1.25; 3 for \$3.50.



**Improved Dental Snips.** For cutting annealed wire, ribbons, chiffons, etc. Each, \$1.25; 3 for \$3.50.

**IMPORTED NICKEL PLATED FLORISTS' SNIPS.** For cutting wire chiffon ribbon, etc. A very handy pocket snip. Each, \$1.50.



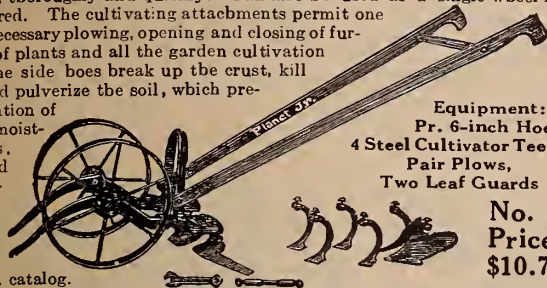
# Planet Jr. Garden Tools



72-PAGE GARDEN MANUAL FREE. WRITE FOR YOUR COPY NOW

## No. 12 Planet Jr. Double and Single Wheel Hoe

A combination of Double and Single Wheel Hoe that has become the most popular in this and other countries. As a double wheel hoe the row can be straddled and worked both sides until the plants are 20 inches high. Then as a double or single wheel hoe, the crops can be cultivated both sides of the row and in the middle, thoroughly and quickly. Can also be used as a single wheel hoe wherever desired. The cultivating attachments permit one to do all the necessary plowing, opening and closing of furrows, hilling of plants and all the garden cultivation required. The side boes break up the crust, kill the weeds, and pulverize the soil, which prevents evaporation of the required moisture. Rakes, Disc Hoes and other attachments can be added at any time. See Page 80 of the Planet Jr. catalog.



Equipment:  
Pr. 6-inch Hoes,  
4 Steel Cultivator Teeth,  
Pair Plows,  
Two Leaf Guards

No. 12  
Price,  
\$10.75

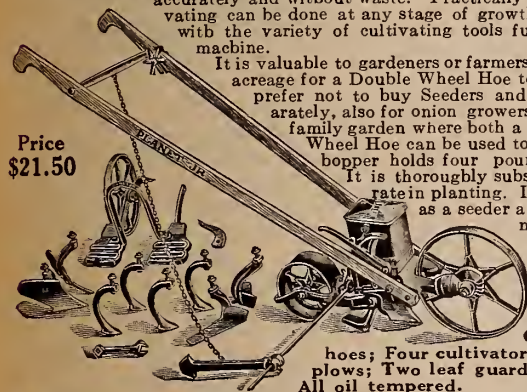
No. 11 same as No. 12 with extra Cultivator teeth, extra pair side boes, and pair 3 tooth rakes and a pair of 5 tooth rakes. Price, \$13.75.

## No. 25 Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

The No. 25 Combined Seeder, Double and Single Wheel Hoe is recognized by hundreds of users and recommended by them as being the "Complete Gardener." It sows practically all vegetable seeds, either in hill or drill, accurately and without waste. Practically any kind of cultivating can be done at any stage of growth of various crops with the variety of cultivating tools furnished with this machine.

It is valuable to gardeners or farmers who have enough acreage for a Double Wheel Hoe to be used, and yet prefer not to buy Seeders and Wheel Hoes separately, also for onion growers and for the large family garden where both a Single and Double Wheel Hoe can be used to advantage. The hopper holds four pounds of onion seed. It is thoroughly substantial and accurate in planting. Its simplicity, both as a seeder and as a wheel hoe, makes the combination thoroughly satisfactory.

Price  
\$21.50



Holds 2½ qts. Weight, complete, 61 lbs. Equipment: One pair of 6-inch hoes; Four cultivator teeth; One pair plows; Two leaf guards; One marker. All oil tempered.

## Corn Planter—Hand

"The Eagle." This is a rotary planter, having three different sized plates which can be easily changed. Each, \$3.00



## Cahoon Seeder

It will seed evenly five to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ pounds. Price, \$4.50.

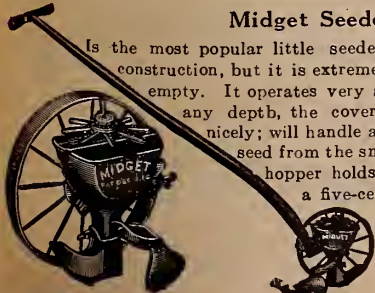


## The Most Popular Quality Hand Tools

Garden Hoe, 6-inch	Each \$1.25	Dibber for transplanting	Each \$0.75
12-Tooth Steel Rake	.65	Lang's Weeder	.20
Garden Spade	1.75	Excelsior Hand Weeder	.15
Spading Fork, 4-tine	1.50	Grass Shears for cutting grass around trees and on edges	.45
Garden Line, 96 feet	1.00	Garden Shovel	1.75
Vaughan Trowel	.90		
Ordinary Garden Trowel	.15		

## Midget Seeder With Handle

Is the most popular little seeder on the market. It is all metal construction, but it is extremely light and easy to lift about or to empty. It operates very simply. The shoe is adjustable for any depth, the coverer swings free and does its work nicely; will handle accurately almost any kind of garden seed from the smallest up to peas and beans. The hopper holds one pint, yet it will drill out clean a five-cent package of seed just as well as a hopper full. It is equipped with a 4½-foot handle. Full directions attached to every Seeder.

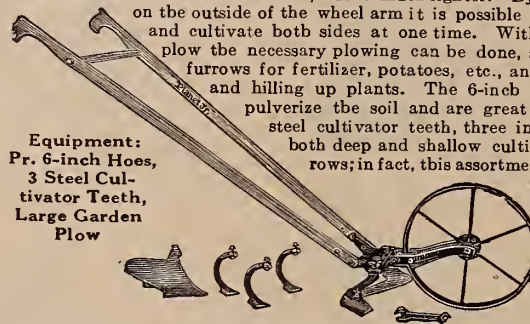


Price, \$4.25

## No. 17 Planet Jr. Single Wheel Hoe

One of the leaders in the Planet Jr. Garden Tool line. Will do practically the same work as the double wheel hoes, but is much lighter. By putting the wheel on the outside of the wheel arm it is possible to straddle the row and cultivate both sides at one time. With the large garden plow the necessary plowing can be done, as well as opening furrows for fertilizer, potatoes, etc., and closing furrow—and hilling up plants. The 6-inch hoes break up and pulverize the soil and are great weed killers. The steel cultivator teeth, three in number, give you both deep and shallow cultivation between the rows; in fact, this assortment of tools gives you everything you need to thoroughly cultivate the garden.

Equipment:  
Pr. 6-inch Hoes,  
3 Steel Cultivator Teeth,  
Large Garden Plow



No. 17  
Price,  
\$7.75

## No. 3 Planet Jr. HILL and DRILL Seeder

THE MARKET GARDENERS' FAVORITE

Sows all vegetable seeds in drills, at the proper depth, thickness, and economically. Gives you a uniform stand, in absolutely straight rows, which saves you time and labor in your cultivating work. Drops in bills 4, 6, 8, 12 or 24 inches apart.

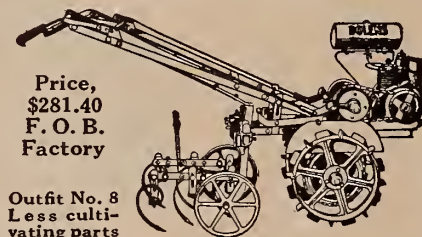
Special opening plow and covers furnished for sowing onion seed, for sets for the No. 3 Seeder as well as for the No. 4 combination.



No. 3  
Price,  
\$17.50

## Bolen's New Model "D" Garden Tractor and Combination Lawn Mower

A light-weight, efficient garden tractor that exactly meets the requirements of the market gardener and suburban resident. This machine is flexible, easy to operate—any good-sized boy or girl can run it easily. It seeds, weeds and cultivates and mows the lawn, besides furnishing stationary power for light machinery.



Price,  
\$281.40  
F. O. B.  
Factory

Ask us for special circular. PRICES F. O. B. PORT WASHINGTON, WIS.

OUTFIT No. 2 with cultivating frame for one and two rows, with two pair of weeding hoes and six cultivator teeth, \$206.40.

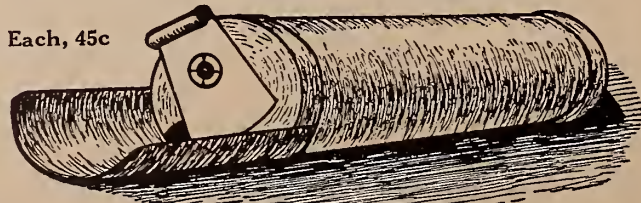
OUTFIT No. 8, the same as Outfit No. 2, with addition of lawn mower attachment and 30-inch Timken equipped cutting unit, \$281.40.

Complete catalog and price list on request.

Outfit No. 8 Less cultivating parts

## The Economical Seeder

Each, 45c



A handy little tool which will be found useful and economical in sowing all fine seeds. It is made of zinc and measure 4¾ inches over all.

The instrument is small enough to be held in the palm of the hand and the amount of seed is controlled by a simple action of the thumb operating a slide regulating the flow of the seed. It has a capacity of one ounce of aster seed and more or less of other seed according to size. It is especially recommended for sowing finer flower and vegetable seeds.

## Sowrite Seeds Sower

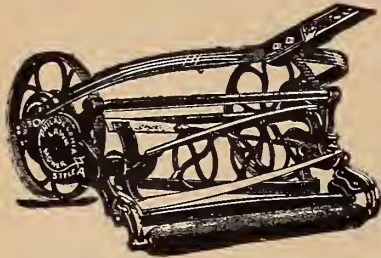
SOWS SEEDS AT A TOUCH

SOWWRITE Model 1923. Made of copper, nickel plated, for all 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, \$1.25, postpaid.



# Lawn Supplies for Parks and Cemeteries

## Lawn Mowers



### Philadelphia Lawn Mower

The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. We list the three highest grade machines made by the Philadelphia company. Write for catalog.

**Style A.** High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
\$18.50	\$20.50	\$23.50	\$25.50

**Style K.** Cylinder with 5 blades. Driving wheel 10 inches. Big bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
\$15.00	\$17.00	\$19.00	\$21.00

**Graham.** Named for the president of the Philadelphia company. The finest lawn mower made. All steel cylinder, 4 blades. Driving wheels 10 inches. Train of gears for easy running on both sides. Bearings absolutely accurate. Wheels, gears and cylinders can be removed without disturbing other adjustments.

17 in.	19 in.
\$23.50	\$25.50

### Pilot Ball-Bearing

#### A Reasonably Priced Durable Lawn Mower.

Drive Wheels—9 inches; open spoke design; revolve on steel bearings.

Reel—5½ inches in diameter; malleable spiders; steel shaft.

Gears—Double; one in each wheel; flat steel pawls. Blades—Four crucible tool steel, hardened and tempered.

Ball-Bearings—Self-adjusting; dust-proof.

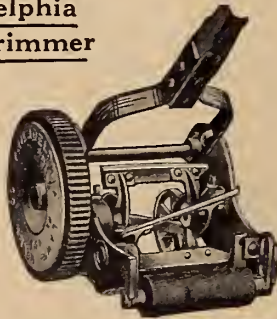
Bottom Knife—Tool steel; self-sharpening.

This mower is very graceful in outline and one of the easiest-running machines on the market. Hand-somely finished in aluminum bronze with blue and gold decorations.

14-inch	16-inch	18-inch
\$9.00	\$9.50	\$10.00

### Philadelphia Lawn Trimmer

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each \$9.75, complete.



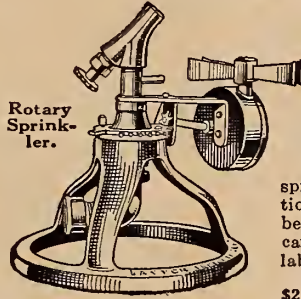
### Lincoln Park or Butterfly

Cheapest and best Sprinkler made. Each, 35c.

Mounted on stand: 2-foot, 95c; 4-foot, \$1.10; 6-foot, \$1.25.



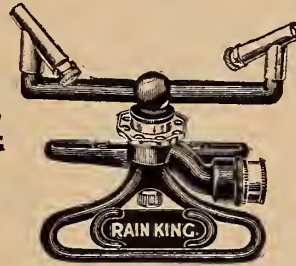
## ROTARY AND OSCILLATING SPRINKLER



Rotary Sprinkler.

This sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money.

Each, \$9.00; 3 for \$25.00.



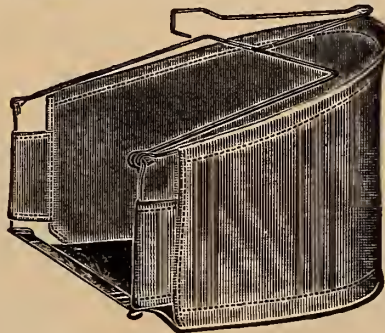
### STANDARD RAIN KING

Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, \$3.50; 3 for \$10.00.



### THE EVANSTON SPRINKLER

One of the best lawn sprinkler on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. 2 lbs. Each, 70c; 3 for \$2.00.



### PERFECTION GRASS CATCHERS

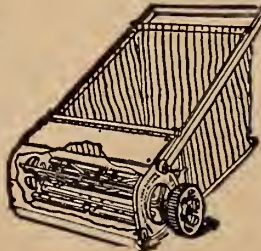
Something new and better made of extra heavy white duck, extra heavy galvanized roller, fanged bottom which is so made that when catcher is attached directly over roller of mower, grass will slide backward to lower level of catcher. Extra heavy galvanized wire frame, adjustable steel hooks which will fit any mower made.

No. 301 Adjustable to mowers 12-16 inches. Each, \$1.15.

No. 306 Adjustable to mower 16-20 inches Each, \$1.35.

### Gem Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. Price, 24-inch wide, each, \$31.00.



## THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width, is taken out at the start. Price, \$35.00.

## Lawn Rollers



### Genuine Dunham Water-Weight Rollers

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.

No.	Di- am.	Length	Sec- tions	Wt.,	Filled	Price
	in.	in.	empty	water		
WB5.....	18	24	1	85	265	\$15.50
WB7.....	24	24	1	110	420	17.50
WB9.....	24	32	1	130	565	19.50

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	Di- am.	Length	Sec- tions	Wt.,	Filled	Price
	in.	in.	empty	water		
WB2.....	14	24	1	68	175	\$11.00
WB4.....	18	24	1	82	265	12.50

### WEED KILLER

Atlas Non-poisonous. Clean, odorless, stainless, non-poisonous to man and all kinds of livestock, but highly destructive to plant life.

#### DRY SUPER CONCENTRATE (Mailable)

Small cans (make 2½ gals. of weed killer)... \$0.50  
Large cans (make 20 gals. of weed killer)... 2.00

#### LIQUID SUPER CONCENTRATE

5 gallons drums (will treat 2,500 sq. ft.)... \$ 8.00  
30 gallons drums (will treat 15,000 sq. ft.)... 37.50  
50 gallons drums (will treat 25,000 sq. ft.)... 55.00

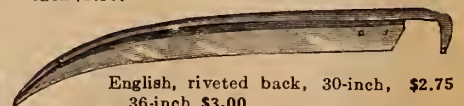
### Grass Hooks or Sickles

English, Riveted back. Each... 75c  
Domestic. Best quality... 75c  
Kelly No. 4. Perfect grass hook. Each, 65c.



### SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes, 32 inch, each \$1.50.



English, riveted back, 30-inch, \$2.75  
36-inch \$3.00.

Scythe Snath, each, \$1.50.

Scythe Stone. Natural, 15c each.

Write us for price and leaflet on Motor Mowers.

# VAUGHAN'S HIGH-GRADE FERTILIZERS

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter; beets become stringy, etc. Plant food of the right amount

and kind controls the yield and quality of market-garden products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

## VAUGHAN'S LAWN AND GARDEN FERTILIZER (6-8-6)

Six per cent ammonia (nitrogen); eight per cent phosphates; six per cent potash.

This mixture differs from our balanced plant ration, in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth. The formula of this mixture, 6-8-6, is very close to that of Vaughan's Balanced Plant Ration. If it is necessary to store fertilizer in a cellar, garage or any similar place where a pronounced odor is objectionable, then the mineral fertilizer is preferable. This is an excellent mixture for regular use in the garden plot in small quantities to insure vigorous growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, and during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet. Price, 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.65; 50 lbs., \$2.85; 100 lbs., \$4.50; 250 lbs., \$10.90; 500 lbs., \$20.00; 1,000 lbs., \$39.00; 2,000 lbs., \$76.00.

## BONE, BLOOD AND POTASH

Fertilizer Mixture (Analysis) 5-8-7

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a money-maker. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.45; 500 lbs., \$14.35; 1000 lbs., \$27.85; 2000 lbs., \$55.00.

**BONE AND BLOOD.** For Cabbage, Cauliflower, Corn and other crops of high surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.50; 50 lbs., \$2.20; 100 lbs., \$3.35; 250 lbs., \$7.85; 500 lbs., \$14.60; 1000 lbs., \$27.25; 2000 lbs., \$53.00.

**PEAT MOSS GRANULATED.** A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 190 lbs., \$4.50; in 5 Bale lots, \$4.00 per Bale.

**DRIED BLOOD** For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$2.15; 50 lbs., \$3.85; 100 lbs., \$6.85; 250 lbs., \$15.75; 500 lbs., \$30.25.

**ACID PHOSPHATE.** Sixteen per cent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., \$1.15; 50 lbs., \$1.60; 100 lbs., \$2.25; 250 lbs., \$5.00; 500 lbs., \$8.60; 1000 lbs., \$15.50; 2000 lbs., \$30.50.

**MURIATE OF POTASH.** Imported Potash once again available, should be used liberally, especially for all root crops. Price, 25 lbs., \$1.50; 50 lbs., \$2.20; 100 lbs., \$3.65; 250 lbs., \$8.95; 500 lbs., \$16.80.

**HARDWOOD ASHES.** This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Price, 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.15; 500 lbs., \$8.35; 1000 lbs., \$14.75; 2000 lbs., \$28.00.

**HORN SHAVINGS.** Quick-acting and lasting. Price, 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$2.35; 50 lbs., \$4.15; 100 lbs., \$6.95. Write for prices on larger quantities.

**AGRICULTURAL GYPSUM.** A high grade lime product for sweetening heavy and sour soils. Per 100 lbs., \$2.00; 500 lbs., \$8.00; 1000 lbs., \$13.25; 2000 lbs., \$25.00.

**PULVERIZED LIMESTONE.** For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Packed in cotton sacks. Price, 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.25; 2000 lbs., \$15.50.

**SOILTEX.** The new testing outfit approved by the Department of Agriculture, tells the acidity of your soil and exactly how much lime to apply. It is quick, accurate and easy to use, requires no special equipment. Goes in the pocket. Costs less than two cents per test. Price, \$1.00 per outfit. Leaf Mold for Ferns. Clean Stock. Per bushel sack, \$1.20; 5 for \$5.25.

**SULPHATE OF AMMONIA** Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., \$1.80; 50 lbs., \$3.15; 100 lbs., \$5.35; 500 lbs., \$22.00.

**ORCHID PEAT** (Fern Roots.) A wonderful fertilizer. Very useful for Orchids and Azaleas. Price, \$3.00 per sack of about 2 bushels; in 3 sack lots, \$2.75 per sack.

## VAUGHAN'S "ROSE GROWER" BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia, 4 1/2 per cent; total phosphoric acid, 48 per cent; bone phosphate, 48 to 54 per cent. Price, 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.60; 50 lbs., \$2.30; 100 lbs., \$3.60; 250 lbs., \$8.85; 500 lbs., \$16.20; 1000 lbs., \$30.00; 2000 lbs., \$59.00.

**Quantity Required.**—For permanent pasture and mowing lands 1/2 to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose heds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

**REGULAR BONE MEAL.** 25 lbs., \$1.35; 50 lbs., \$1.95; 100 lbs., \$3.40; 250 lbs., \$7.90; 500 lbs., \$14.50; 1000 lbs., \$26.75; 2000 lbs., \$52.00.

## VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 25 lbs., \$1.15; 50 lbs., \$1.65; 100 lbs., \$2.65; 500 lbs., \$10.00; 1000 lbs., \$17.00; 2000 lbs., \$33.00.

**SCOTCH SOOT.** (Genuine Imported.) Imported by our New York branch and shipped from New York only. Prices F.O.B. New York. Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.85; 50 lbs., \$3.15; 100 lbs., \$6.25; 500 lbs., \$26.00.

**NITRATE OF SODA or Chili Saltpeter.** Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen.

## HOW TO USE NITRATE OF SODA

Remove the lumps before using and break them up, which can be done by pounding. Use as a top-dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For Asparagus, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance. For Strawberries, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

For the Home Garden apply as a solution one ounce to two gallons of water. Price, (subject to market changes), 25 lbs., \$1.90; 50 lbs., \$3.20; 100 lbs., \$5.35; 500 lbs., \$24.25; 1000 lbs., \$45.25; 2000 lbs., \$89.00.

Write for prices on larger quantities.

**FLORANID UREA.** A highly concentrated organic fertilizer containing 46 per cent. available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 75c; 50 lbs. for \$11.00. Write us for prices on larger quantities.

**SHREDDED CATTLE MANURE.** An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and clean to handle as grain, being perfectly dry and can be stored anywhere until wanted for use. Price, 100 lbs., \$2.65; 500 lbs., \$10.00; 1000 lbs., \$17.00; 2000 lbs., \$33.00.

**CLAY'S FERTILIZER.** Imported by our New York branch and shipped from New York only. Prices F.O.B. New York. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.35; 14 lbs., \$2.15; 28 lbs., \$3.70; 56 lbs., \$6.60; 112 lbs., \$12.00.

## VAUGHAN'S CONCENTRATED PLANT FOOD

In Packages for Retailing

A most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers.

Package containing food for 20 plants for 3 months; large package containing sufficient plant food for one year. Directions in package. Small packages, retailing, each, 20c. Per doz., \$1.50; 24 for \$2.75. Large packages, retailing, each, 30c. Per doz., \$2.50; 24 for \$4.75.



**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

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



# The New Seed Business

[ It Means Bigger Sales  
and More Profits ]

A GREAT change has come about in the garden seed business. New customers, buying for a new purpose, and demanding a different class of seeds, are making a new business; which calls for new methods on the part of seed dealers.

Buying  
Motives  
Have  
Changed

What is this change?

It is akin to that which has made over many other businesses in prosperous America. It is a change in buying motives, in the kind of gardens which people make, and the reasons for which they make them.

For years the garden seed business was dominated by the thrift appeal. Vegetable seeds sold to buyers who planted backyard gardens to help out the family budget formed the great bulk of all sales from commission boxes.

Everyone knows what has happened to the thrift appeal. Prosperity and increased leisure have altered the buyers' point of view. Every business has felt the effect, some have been hard hit. The garden seed business has gone ahead, but it has experienced a great shift in demand. Flower seed sales have increased rapidly, while vegetable seed sales increased slowly.

The  
Thrift  
Appeal  
is Out

In the last two years sales of flower seeds for home gardens have exceeded sales of vegetable seeds; indicating that gardens made for ornament and recreation now dominate the garden seed demand. The thrift appeal is out.

What does this mean to the seed dealer?

It means new customers or old ones with new



A Display That Sells the Garden

ideas; and it calls for a new sales appeal to attract them. This sales appeal must match the motives which bring them to your store.

They come with a vision; a dream. They want to buy not seeds, indeed, but gardens.

In March they begin to do their shopping; fed up with winter, eager for the spring. Before their eyes a picture of sunshine on smooth green lawns, and borders of brilliant

**What  
You  
Must  
Have  
to Sell**

flowers. They want to buy this picture, done up in seed packets.

You *must* have it to sell.

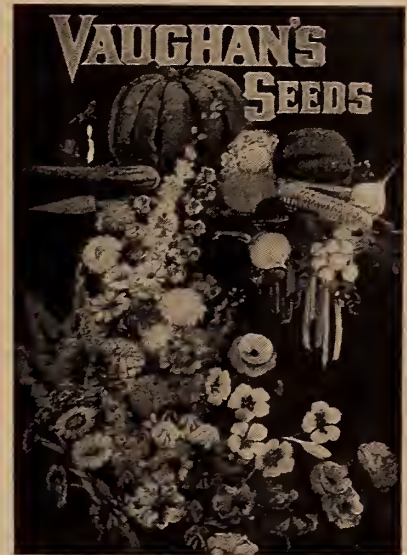
Up-to-date business men are those who understand that profits are not to be made by opposing trends, but by riding with them. The old-style home garden was made to save money; the new-style garden is the kind on which its possessors are delighted to spend money.

What will you have in your store next spring to sell the new-style gardeners?



A Dainty, Decorative Window Sticker in Color, Guaranteed to Attract the Eye of a Woman. Paste it Eye-High near the Door. 11x7 inches.

Brilliantly colored posters of up-to-date design are needed to sell the garden. For 1928 we shall supply the three illustrated herewith. They are shipped to you with your seeds, and more will be forthcoming if you wish them.



A Beautiful Hanger in 4-Color Process Made from an Oil Painting, Realistically Picturing Flowers and Vegetables. 13x19 inches.



A Brilliantly Colored, Attention Commanding Streamer of Modern Art Design. No One Can Overlook it. 40x16 inches.



What will *You* Have to Sell the  
*New Type of Home Gardener*  
Next Season?

Here is **Vaughan's Seed Store's Answer**  
to this Question Make It Your Answer, if You Wish,  
Without Expense or Investment.

### 1. Dated Certified Seeds

A dated assortment of garden seeds of the highest quality, freshly packed for the season of 1928, tested and certified by a qualified seed analyst, containing vegetables chosen for their flavor and tenderness and the largest selection of flower seeds put out by any commission seed house.

### 2. Pictures from Oil Paintings

Accurate, full color pictures, made from oil paintings, of each variety of flower and vegetable in the assortment. These pictures are printed on the packets; they are a new sort of illustration. Not like the seed pictures the comic artists joke about. Each has been painted in oils by an artist from life specimens of the flower or vegetable it illustrates; and from these paintings our own 4-color process plates were made, from which our special packets are printed. They show your customers exactly what they will have if they sow Vaughan's Seed. On the back of each packet are cultural directions for growing the seed inclosed.

### 3. Poster Rack that Sells the Garden

A new idea seed display, used only by Vaughan's Seed Store. It sells what your customers want to buy. It sells the garden. Light, staunch, compact, it holds an amazing quantity of packets, displaying each one to the best advantage, tempting the customer to take it out and add it to his purchase. And with all these practical advantages, it excels all other methods of seed display in its decorative qualities. It attracts irresistibly, the eye of the store visitor. It speaks to him of sunshine, green lawns and borders of brilliant flowers. It sells the garden, and leads him directly to the course by which he can possess its pictured glories; by the purchase of your seeds.

A *Miniature Model* in True Color of our 1928 Patented  
*Poster Display Rack* will be sent on request—  
Set it up and *See for Yourself* whether it  
*Sells the Garden.*



# Five Reasons Why We do Business by Mail

{ We Ship Our Seeds and Collect Unsold  
Packets by Mail (or Express) BECAUSE }

- 1 We can ship every customer an individual package by express or parcel post, delivering to his store in good order, our seeds and rack.
- 2 We can place one assortment to a town, or one to a county and make a profit. It costs no more than where we have an assortment on every block. We are not obliged to bunch our business to permit shipping in carload lots and keep down salesmen's expenses.
- 3 The mail places us within a few hours of every customer; and enables him to get refill orders promptly, and keep his stock up to date.
- 4 When the selling season ends, the customer can destroy his display rack and return the unsold packets to us in a bag at his convenience, when he has time; with much less trouble than he can assist a collector to check up and collect.
- 5 Last and perhaps the most important reason, our patented poster display rack is so light that it can be shipped by parcel post and does not have to be freighted. This makes it possible for us to give you the far better service we do, by using the mail; and also enables you to place the complete seed display on a glass show case, or wherever you wish. Your girl clerks can move the whole assortment at will.

**If you decide to try the NEW SEED BUSINESS, please  
Fill out This Contract and mail it to us NOW**

We operate on a fixed quota which limits the number of assortments we have to place each year. A contract filed now will assure you of a place on the list of 1928 dealers; but if you delay, our quota may be filled.

Please give references for the benefit of our credit department unless you have a rating or already have an account with our house. This will save time and avoid the necessity of writing especially for them.

.....192.....

Your Firm Name .....

VAUGHAN'S SEED STORE  
Commission Box Department  
Drawer V., Chicago, Ill.

Your Address .....

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1928. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less 40% commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Sign here .....

REFERENCES:

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# Vaughan's Brand Bird Products

**B**IRDS AND FISH have become established as florists' and seedsmen's side lines. Profits in this business depend as much on sales of foods and supplies as on the original sales of birds, fish, cages and aquariums.

In our own retail business we have had to solve the problem of obtaining a complete line of reliable merchandise which we could offer to our customers in complete confidence of its high quality. In some cases we found it necessary to put up our own; and so we decided to prepare a complete line and offer it to our wholesale trade. Everything listed here is put up by us, or especially for us and according to our specifications. Vaughan's quality is maintained throughout.

	Per Doz. Pkgs.
MIXED BIRD SEED—Recleaned Canary and Rape Seed, 1-lb. pkg. ....	\$2.25
SPECIAL BIRD SEED MIXTURE. A balanced ration, contains a variety of seeds. 1-lb. pkg. ....	2.65
BIRD GRAVEL. A clean washed gravel. 2-lb. pkg. ....	1.10
BIRD GRIT. White grit for use with gravel. 2-lb. pkg. ....	1.10
ZENITH SONG RESTORER. A reliable remedy. ....	1.20
BIRD LIFE BALLS. A treat for birds. ....	1.00
CANARY HEALTH FOOD. Specially prepared as a change and tonic. ....	2.00
BIRD CHARCOAL. Keeps digestive organs in condition. ....	1.20
CUTTLE BONE. ....	.60
MOULTING FOOD. ....	1.60
LOUSE POWDER. ....	1.20

	Per Doz. Pkgs.
NESTING MATERIAL. ....	\$.75
COLOR FOOD. ....	2.00
BIRD WASH. ....	2.00

## Birds

These birds are imported selected singers, the finest quality we can obtain. If not satisfactory, will be exchanged. All birds are shipped from New York at buyers' risk and all claims should be made to Express Company.

	Per Doz.
HARTZ MOUNTAIN MALE CANARIES. ....	\$48.00
ST. ANDREASBERG MALE CANARIES. ....	51.00
CHOPPER MALE CANARIES. ....	60.00
GREEN SHELL PAROKETS (LOVEBIRDS). ....	\$5.50 Per Pair
YELLOW SHELL PAROKETS (LOVEBIRDS). ....	6.00 Per Pair

## Goldfish

Goldfish shipped by Express from Cincinnati, Ohio. If less than 100 fish ordered, add 40c for shipping cans. Larger orders shipped in regular shipping cans. Empty cans must be returned by prepaid express (20c). We give extra fish to cover.

### Comets

	Doz.	Per 100
3½-inch. ....	\$1.80	\$15.00
4½-inch. ....	2.40	20.00
6-inch. ....	4.20	37.50

### Telescopes

	60% Fantails	50% Moors
2-2½-inch. ....	\$3.00	\$25.00
2½-3-inch. ....	4.20	35.00
3½-inch. ....	6.00	50.00

### Fountain Fish

	Doz.	Per 100
6-inch. ....	\$4.20	\$35.00
6-7-inch. ....	6.00	50.00

### Shubunkins

	Doz.	Per 100
3-inch. ....	\$1.80	\$15.00
3½-inch. ....	2.40	20.00
4-inch. ....	3.60	30.00
5-inch. ....	6.00	50.00

## Japanese Fantails

	Doz.	Per 100
2-inch. ....	\$1.80	\$15.00
2½-inch. ....	2.40	20.00
3½-inch. ....	4.20	37.50

### Scorengers

	Per Doz.
Tadpoles. ....	\$0.30
Japanese Snails. ....	1.00

### Moss

\$0.75 doz.      \$6.00 per 100

### Aquarium Shells

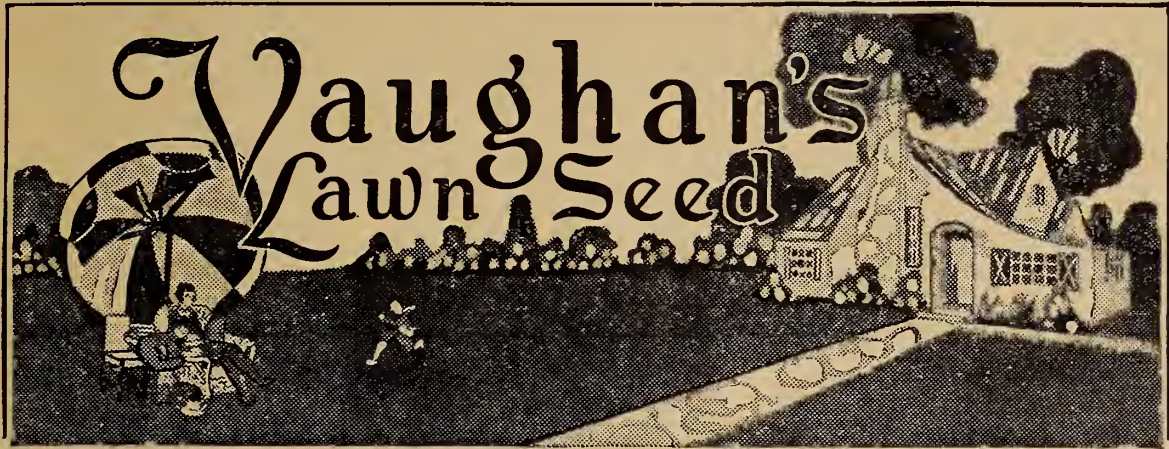
	Doz.	100 Pkgs.
Packed in packages with window front.		
WHITE SHELLS. ....	\$0.80	\$6.50
COLORED SHELLS. ....	1.00	7.00
PEARL CHIPS. ....	.80	5.50
COLORED CHIPS. ....	.90	6.50

### Fish Food

	Per Doz.
NATURAL FISH FOOD. ....	\$1.00
SHRIMP FISH FOOD. ....	1.20
WAFER FISH FOOD. ....	.75

### Nymphs

	Doz.	Per 100
3½-inch. ....	\$3.60	\$30.00
4½-inch. ....	4.20	35.00
6-inch. ....	6.00	50.00



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

# Vaughan's Famous Lawn Seed

Now Offered in a 25-Cent Mixture

FOR fifty years Vaughan's Lawn Seed mixtures have been sown by parks, cemeteries, private estates and golf clubs whose purchases are guided by professional advice.

These mixtures are now offered to dealers for resale at attractive profits. The reputation of these mixtures is so well established, that every informed buyer will give them preference and you may recommend them in complete confidence that the seed you sell is exactly the same as that which goes to our most exacting professional customers.

## Our Mixture Formulas Are Scientific

Our mixtures are blended according to scientific formulas designed to give the best possible results to users. They are not made to fit crop conditions, or to use up surplus lots of seeds.

Dealers who wish to establish a permanent clientele of seed buyers are beginning to understand the importance of selling seeds of known value and standard quality. In no department is quality more important than with lawn seed. Protect yourself, by selling your customer the sort of seed that has held for Vaughan's Seed Store a steadily growing business for more than 50 years.

## Vaughan's Chicago Parks

This is the standard mixture, famous for 50 years, which is composed of re-cleaned, high quality grass and clover seed combined in the formula approved by the United States government as the best for establishing a permanent lawn. The price of this mixture varies with crop conditions; the quality never varies. Kentucky blue grass, red top and white clover are its chief constituents. It contains no timothy.

## Vaughan's Columbian (Shady Place Mixture)

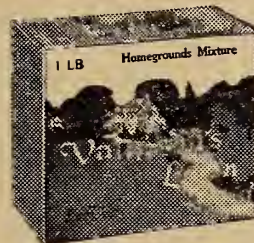
This is the companion mixture to Chicago parks, of the same high quality and same price, but of a formula varied somewhat to give a blend more suited to shady places. It is also recommended for sandy soils.

## Prices for Chicago Parks and Columbian Mixtures

	Per 100 Lbs.
½ lb. carton (each 18c) }	
1 lb. carton (each 35c) }	\$32.00
2 and 3 lb. cartons	31.00
5 lb. cartons or bags (each \$1.65)	30.25
10 and 15 lb. bags	30.00
100, 50 or 25 lb. bags	29.00
250 lb. lots	27.00

## Vaughan's Homegrounds Mixture

There is unquestionably a large demand for a mixture to retail at 25 cents a pound. Our Homegrounds mixture is the best possible quality that can be marketed for that popular price. It contains less than half the timothy found in most mixtures at this price. It also contains Kentucky blue grass. We recommend this mixture for places where the lawn receives hard usage and needs reseeding every year.



Per 100 lbs.

100, 50 or 25 lb. bags	\$14.00
5 lb. cartons	15.50
1 lb. cartons	16.00

## How to Make a Lawn

This is a 16-page booklet giving the latest scientific advice on all phases of lawn making. One copy is packed with each carton of the lawn seed mixtures priced on this page.

## Use This Order Blank

Vaughan's Seed Store, Drawer V, Chicago, Ill.

Please enter my order for your famous Lawn Seed Mixtures as follows:

Homegrounds Mixture: Bags	..... 100 lb.;	..... 50 lb.;	..... 25 lb.		
Cartons	..... 5 lb.;	..... 3 lb.;	..... 2 lb.;	..... 1 lb.;	..... ½ lb.
Chicago Parks Mixture: Bags	..... 100 lb.;	..... 50 lb.;	..... 25 lb.		
Cartons	..... 5 lb.;	..... 3 lb.;	..... 2 lb.;	..... 1 lb.;	..... ½ lb.
Columbian Mixture: Bags	..... 100 lb.;	..... 50 lb.;	..... 25 lb.		
Cartons	..... 5 lb.;	..... 3 lb.;	..... 2 lb.;	..... 1 lb.;	..... ½ lb.

## Check Advertising Material Wanted

Poster    Window Streamer    Lawn Making Booklet

Name \_\_\_\_\_

Address \_\_\_\_\_

## REFERENCES

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# Vaughan's Rainbow Gladioli



500 Rainbow  
Gladioli and  
this box for

**\$11.00**

Retail price  
\$24.00.

## Sell Vaughan's Famous Gladioli from This Beautiful Display Box

**V**AUGHAN'S RAINBOW GLADIOLI are famous throughout America. For years they have been nationally advertised. Garden makers everywhere want them for their borders. You have only to put this box on your counter to sell out quickly.

This 10-compartment poster display box follows the model so successfully introduced last fall for selling Darwin tulips. It was the first method ever offered a dealer for handling named varieties of bulbs in a practical and profitable manner. The box is staunchly made of 100-point board printed in brilliant colors. It will hold 500 flowering size bulbs,  $1\frac{1}{4}$ - $1\frac{1}{2}$  inch, 50 each of ten named varieties.

### Best Size for Outdoor Flowering

We use specially graded second size bulbs, the kind which do best for outdoor flowering. The varieties include such world-beaters as Mrs. Pendleton, Mrs. Francis King, Baron J. Hulot, 1910 Rose and E. J. Shaylor—none better known. The price to you is \$11.00 for the box and 500 bulbs of 10 named varieties. You retail them for 60 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Name labels are provided to paste on the compartments.

### Counter Space Needed, 13 x 29 inches

This brilliant bulb box, printed in four colors, occupies less than  $2\frac{1}{2}$  square feet on your counter. Each time you fill it, means \$13.00 clear profit. Refill collections, packed 50 in a bag, cost \$10.00 for 500 bulbs without the display box. You have four months to sell in.

We have provided a limited number of boxes, owing to the scarcity of gladiolus bulbs this year. Our Darwin tulip boxes were sold out early in the season. Send in your order for the Gladiolus box early to avoid disappointment.

Southern and California orders will be shipped Jan. 15; others Mar. 15, unless advised.