kot $1 \leq 1$


$$
10
$$

$$
4+\sin +\frac{1}{4}
$$

# Bulbs Are a Buy This Year! 

TULIP prices are lower than any year since the war. This means to the florist larger profits. He can get the same price for his flowers, or nearly so; and his materials cost less. The road to net profits is to increase production and push sales, so that the increased margin may be earned on as large a volume as possible.

Advices from Holland are that the hyacinth crop is less than last year; tulip production is good and the crocus crop moderate. Though bulbs will have good forcing quality, the time required for forcing is expected to be longer than last year owing to a cold growing season.

## American Grown Narcissi

We are proud of the record made last fall by our American grown narcissi; and this year we offer stock of the same quality from the same sources, carefully packed under the supervision of our representatives. Successful production of both Paper White and hardy narcissi in this country is now assured, in our opinion; but it will be some time before experience has determined, and the trade is generally informed, as to the best methods and locations for narcissus growing. After a national survey of conditions we have chosen to handle bulbs produced on our own farms and by the growers in the locations which we believe insure the highest forcing quality. Our expert service will protect you from mistakes.

For 50 years we have supplied the most critical of florists with forcing bulbs of which the quality is assured by our long experience in importing and knowledge of sources; and the price by our cash buying power and convenient shipping centers in the two great importing and distributing centers-Chicago and New York.

The prices in this catalogue are subject to change without notice. Those florists who placed their orders with us before May 1st will be invoiced at early import prices.
Vaughan's Seed Store

## Mushroom Spawn and Profitable Greenhouse Vegetables

## Mushroom Spawn (LAMBERT'S SPORE CULTURE)

Thousands of people are successfully raising delicious mushrooms in their grienhouscs, basements, and outbuildings. Write for free leaflet on culture, This veretable is produced by planting Spawn. Our Spawn is always fresh; monthly shipinents are received from our own manufacturers.
The following strains produce fairly true to type:
No. 7. Brown. (Bohemia.) Very hardy and a good producer.
No. 8. Cream Columbia. Mammoth Strain. Hardy and prolific.
No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.
New Spore Culture. The latest process of manufacture. A much hardier and more prolific spawn than any yet produced. Price, Lambert's spore culture brick (weight 1 lb. ), 35 c ; 2 bricks for $65 \mathrm{c} ; 5$ bricks, $\mathbf{\$ 1 . 5 0}$; 10 bricks, $\$ 2.50$; 100 bricks, $\$ 19.00$. Not prepaid.

## Bottle-Spawn

Under ideal conditions of temperature and moisture, loose or bottle-spawn will start running sooner and give quicker results than the brick spawn Price $\$ 12.00$ per case of one dozen bottles, not prepaid. One bottle to $50 \mathrm{sq} . \mathrm{ft}$. We do not break the cases.
ENGLISH SPAWN. A very superior strain to the old English Milltrack Spawn. We arc one of the largest handlers in the United States; fresh importations every few weeks (weight per brick 1 lb .). Price, brick. 25c 2 bricks. $40 \mathrm{c} ; 8$ bricks, $\$ 1.40 ; 25 \mathrm{lbs}$. . $\$ 3.25 ; 100 \mathrm{lbs} . . \$ 12.00$, not prepaid; if shipped from New York, $\$ 11.50$ per 100 ibs., not prepaid. Special prices on half-ton lots and up.

## Onion Sets

Egyptian or Top Onion Sets. For fall setting. Pt., 12c;qt., 20c; $1 / 2$-pk., 40c; pk., 65c.

## Lettuce

GRAND RAPIDS FORCING. Vaughan's Selected Stock For Greenhouse Use. This grand forcing variety is the hardiest of all sorts for grecnhouse use and is planted now to the exclusion of almost all other sorts for the purpose. Our strain cannot be surpassed in quality. Bred from single plant selections. Vaughan's Extra Selected Stock. Pkt., 10c; oz., 20c; 2 oz., 35c; 1/4 1b., 50c; $1 \mathrm{lb} ., \$ 1.75$.

## Tomatoes

For Under Glass. Best Re-selected Stocks of High Germination.
Comet (Scarlet). Sterling Castle (Scarlet), Sunrise (Scarlet).
Hubert's Marvel (roundlike an apple), Frogmore Selected (Scarlet).
Above varieties, pkt., each, 25c; oz., 50c.
Best of All and Lorillard (two old standards). Pkt., each, 10c; oz., 50c.
Lister's Prolific (new). Latest popular English sort. Pkt., 25c.
New Globe, Pkt., 10c; oz., 50c. Chalk's Early Jewel and Bonny Best, American forcing varieties. Pkt., 10c; oz., 35c.

## NEW CUCUMBER-"The Vaughan"

The Vaughan. (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., 10c; oz., 35c; 1/4 lb., $\$ 1.10$.
Davis' Perfect. (Vaughan's Select Stock.) Selected for length and tapering ends. Extra fine color. Stock seed selected for forcing. Pkt., 10c; $1 / 2$ oz.. 50c; oz., 85c.

CUCUMBER-English Frame Varieties
Rollison's Telegraph. Greenhouse, English grown. Pkt., 25c; 1/4 oz., \$2.50.

## Radish

Improved Early Scarlet Globe. Vaughan's Selected Stock. The standard red radish for hot-bed and forcing use. An unequaled strain of this most popular sort. Oz., 10c; 1/4b., 30c; 1lb., $\$ 1.00$.


GIANT BLOSSOMS OF CLEAR COLORING COME FROM OUR HYACINTH BULBS

## Hyacinths Dutch-Grown (Single)



## French Roman Hyacinths

French crops are apparently lighter each year and prices are still high. It is very useful for all who grew for their own retail cutflower work for winter bloom. Growers find these useful at holidays.
Grow in flats and use for cutting same as Paper Whites. Fine for design work
We can offer the following sizes: Per 100 Per 1000 White Roman Hyacinths, 12 ctms. \& up. . . $\$ 10.00 \quad \$ 95.00$ Colors.
65.00

It will be a mistake for any florist to minimize the importance of hyacinths in his production program this year. The embargo against narcissi removes an important competitor in the plant market; and bulbs are of excellent quality, however; while a little high in price. their finished product will bring good returns. For Easter and Mothers Day they will be sure of a profitable sale.

The importance of buying bulbs of known value is apparent to anyone. Our bulbs are sold by centimeter measure, which provides the surest indication of forcing quality. Do not compare our prices with the "first," "second" or "third" size bulbs of no certain measure. The supply is reported to be normal, with less of the speculation which forced prices up a year ago. We strongly advise a liberal use of hyacinths.

19 ctms. Zup (Top size) (named as below).
Doz. $100 \quad 1000$
18-19 . $17-18$ ctms. ( Sirst size) (named as below) . .. 1.80 17 ctms. (Second size) (named as below).. $1.75 \quad 12.50 \quad 115.00$ $16-17 \mathrm{ctms}$. (Third size) (named varieties)... $1.50 \quad 11.00 \quad 100.00$ $15-16 \mathrm{ctms}$. (Bedding size) (named varieties). $1.35 \quad 9.00 \quad 80.00$ 13-14 ctms. (Miniature size) (named as below) $\quad .90 \quad 6.00 \quad 54.00$

We offer the following varieties:

## Single Red and Rose

Cardinal Wiseman, deep rose, Lady Derby, delicate pink, early early
General de Wet, light pink
Gertrude, rose-pink, medium early
La Victoria, brilliant dark pink forcer
Marconi, bright pink
Queen of Pinks, choice pink
Roi des Belges, bright scarlet early

## Single White

Arentine Arendsen, pure white
General Vetter, blush white
La Grandesse, pure white, large bells, splendid spikes

Hein Roozen, snow-white
L'Innocence, pure white, compact truss on short stem, fine for pots.

## Single Blue

Bismarck, bright blue
Dr. Lieber, lavender-blue
Grand Maitre, dark porcelain, medium early

Single Yellow
City of Haarlem, golden-yellow King of the Yellows, extra Yellow Hammer
medium, early

## Vaughan's Single Forcing Tulips

EXPLANATORY: The number preceding the name of the variety denotes the height in inches, while the letters $a$ and $b$ indicate their earliness of bloom-the a's flower together and are the earliest; the b's flower together, but are somewhat late.

## Single Scarlet, Orange and Crimson

|  | Per 100 | 1000 |
| :---: | :---: | :---: |
| 7b | Artus, deep scarlet; a splendid bedder . . . . . . $\$ 235$ | \$2100 |
| 8b | Belle Alliance, scarlet, good bedder or forcer. 330 | 3000 |
| 7 a | Brilliant Star, vermilion-scarlet; very early . . 450 | 4000 |
| 8 Ba | Couleur Cardinal, brilliant crimson; fine bedder 370 | 3300 |
| 7 b | Cramoisi Brilliant, bright scarlet........... . 235 | 2100 |
| 6 a | Duc Van Thol, scarlet; very early ........... 310 | 2800 |
| 10b | Fred Moore, dark orange, edged yellow...... 300 | 2700 |
| 8 a | Prince of Austria, orange-vermilion; large.. 3 1C | 2800 |
| 7 b | Vermilion Brilliant, dazzling vermilion-scarlet, very fine for pots, and showy bedder....... 375 | 3350 |
| Single Pink and Rose |  |  |
| 7 a | Cullinan, rosy pink with white ............ 350 | 3150 |
| 13b | Flamingo, carmine-rose, white shaded....... 305 | 2800 |
| 12a | Ibis, dark brilliant pink...................... 475 | 4250 |
| 12b | Pink Beauty, bright rose-pink shading to blush-white. | 6000 |
| 9 a | Proserpine, glossy pink; forces early.......... 470 | 4200 |
| 8 a | Prosperity, fine pink....................... 310 | 2800 |
| 7 b | Rose Gris de Lin, delicate rose, flushed white 235 | 2100 |
| 7 b | Rose Luisante, brilliant deep pink.......... . 360 | 3250 |
| 8 a | Rose Precose, light pink, early forcer........ . 550 | 5000 |

## Tulip Mixtures (Early)

Our mixtures are made up from large-flowering bright colors, will bloom at about the same time, and give good satisfaction.

|  | Per 100 | 1000 |
| :---: | :---: | :---: |
| Single Early, extra fine m | . \$1 85 | \$1650 |
| Single Early, Vaughan's Special. | 325 | 3000 |
| Double Early, extra fine mixed | 235 | 2100 |
| Double Early, Vaughan's Speci | 360 | 3250 |
| Tulips to Color |  |  |
| SINGLE-From Named Varieties |  |  |
| White shades, mixed. | 310 | 2800 |
| Yellow shades, mixed. | 310 | 2800 |
| Striped shades, mixed. | 310 | 2800 |
| Red shades, mixed. | 310 | 2800 |
| Pink shades, mixed. | 310 | 2800 |
| DOUBLE-From Named Varieties |  |  |
| White shades, mixed. | 360 | 3250 |
| Yellow shades, mixed. | 360 | 3250 |
| Striped shades, mixed | 360 | 3250 |
| Red shades, míxed. | 360 | 3250 |
| Pink shades, mixed. | 360 | 3250 |



## KAISERKROON

> Single White

Per 100 Per 1000
9a Diana, pure white; good forcer. .....  $\$ 2 \quad 35 \quad \$ 2100$
8b La Reine (Fancy), white and rose ..... $235 \quad 2100$
10a La Reine Maxima, white, changing shell pink ..... 2600
18b Lady Boreel, pure white; fine forcer. ..... 355 ..... 3200
15 b White Swan (true), pure white ..... 2100
17a White Hawk, white; very fine. ..... 320 ..... 2900
Single Striped, Margined
6 a Duc de Berlin, clear scarlet, edged yellow. ..... 330 ..... 3000
General DeWet, gol
fiery orange-scarlet.8000
10b Kaiserkroon, red, with distinct wide golden border, one of the finest early tulips ..... 470 ..... 4200
7b Wouverman, dark violet ..... 400
3600
Single Yellow
8b Chrysolora, golden-yellow; one of the bestbedders..................................... . . 340
7a Mon Tresor, pure yellow; large cup. ..... 400
10b Rising Sun, golden-yellow. ..... 470
8b Yellow Prince, golden-yellow; fine forcer... ..... 310 ..... 28004200
Early Double Tulips

EXPLANATORY: The number preceding the name of the variety denotcs the height in inches, while the letters $a$ and $b$ indicate their earliness of bloom-the a's flower together and are the earliest; the b's flower together, but are somewhat late.

$$
\text { Double White } \quad \operatorname{Per} 100 \quad 1000
$$

10b Boule de Neige, pure white. . . . . . . . . . . . . . $\$ 360 \quad \$ 3250$
12b Schoonoord (White Murillo), pure white..... 3503200

## Double Pink

| Double Pink |  |  |
| :---: | :---: | :---: |
| 8 a | Electra, beautiful violet-rose sport from Mur- <br>  | 5000 |
| 10b | Lord Roseberry, deep rose. . . . . . . . . . . . . . . . 360 | 3250 |
| 14b | Lucretia, deep rose.......................... 300 | 2700 |
| 7 a | Murillo (Fancy), large pink, sort suffused with white. $\qquad$ |  |
| 8 a | Peach Blossom (New), bright pink ......... . 450 | 4100 |
| 8b | Salvator Rosa, beautiful deep rose . . . . . . . . . 340 | 3100 |

Double Yell

12b Brimstone Beauty, pale yellow shaded apricot\$300 $\$ 2700$
10a Couronne d'Or (Crown of Gold), beautiful rich golden-yellow; fine forcer.

360
3250
8a Mr. Van der Hoeff, pure yellow.
460
4200

## Double Red

9a Imperator Rubrorum, bright scarlet; showy $420 \quad 3800$
8b Rubra Maxima, dazzling scarlet. ............ $340 \quad 3100$
9b Vuurbaak, bright scarlet with orange flush... $380 \quad 3450$
Double Striped or Otherwise Colored
20c Blue Celeste, Mauve, purple; late............ $360 \quad 3250$
9b Mystery of India, terra cotta and orange shaded pink.

475
4250
8a Titian, scarlet edged yellow. . . . . . . . . . . . . . . . . $430 \quad 3900$
8b Tournesol, red and yellow; very showy. ..... $375 \quad 3500$
8a Toreador, scarlet-edged buff-yellow........... 5254750

## Darwin Tulips

The most profitable of all Tulips for Florists' use. Varieties on this page marked (f) can be forced in gentle heat.
Per $100 \quad 1000$ Afterglow, soft apricot orange, tinged pink....... $\$ 650 \$ 6000$
Baronne de la Tonnave, (f) bright pink ........ 1851650
Bartigon, (f) fiery crimson. . ........................ 20011800
Blen Aimable, bright violet-purple, shaded steel-blue 3002700
Centenaire, rich violet-rose, large flower, good forcer 2352100
Clara Butt, (f) soft salmon-pink.
85
Dream, (f) soft lilac
Europe, (f) glowing salmon-scarlet.
Farncombe Sanders, (f) rich. brilliant scarlet...
Feu Brilliant, bright scarlet.
Glow, brilliant red.
Gretchen, $(f)$ soft blush, splendid forcer.
Harry Veitch, dark brown red.
King Harold, dark marcon scarlet.
La Tulipe Noire, finest black.
Le Nctre, rose shaded blush.
Massachusetts, ( $f$ ) vivid pink, forces well.
Mme. Krelage, soft rose, margined blush.
Mrs. Potter Palmer, glowing purple.
Nautieus, large eherry-rose.
Painte 1 Lady, creamy white.
Petrus Hondius, carmine-rose.
Pride of Haarlem, (f) carmine rose 2452200 $235 \quad 2100$

Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer
Prof. Rawenhoff, cherry-rose, white and blue base.
Rev. H. Ewbank, (f) vivid heliotrope-lilac.
Sieraad van Flora, bright red and blue.
Sultan, maroon black
Suzon, (f) soft pink with blush-white margin.
Valentine lig't y ellow, blue center,

## SPECIAL OFFERS DARWIN TULIPS

## SEPARATE NAMED KINDS

Ten Good Kinds-Out Selection Per $100, \$ 2.00 ;$ Per $1000, \$ 17.50$
SEE our retail list for many other varieties


Their Long Stems and Pastel Colorings Makz Darwins Popular
Wm. Copeland, (f), new, bright violet; for forcing \$2 $^{2} 45 \quad \$ 2200$ only.................................................. $\$_{2}$ White Queen, (f) white passing to pink............... 250 William Pitt, brilliant carmine. . ...................... . 2752500 Zulu, rieh velvety purple-blaek............................ . . 275252500 FINEST MIXED.......................................... 1451300

## May-Flowering of Cottage Tulips

Bizards, all colors mixed.
Bizards, all colors mixed. . . . . . . . . .
Bouton d'Or, (f) pure yellow, fine for cutting.
$\begin{array}{llll}\$ 3 & 30 & \$ 30 & 00\end{array}$
Byblooms, mixed flowers beautifully blotched with pink, crimson, scarlet, rose, blue and purple......
Columbus (Gala Beauty), yellow, feathered and splashed red; sweet scented.
$360 \quad 3250$

Ellen Willmott, pointed flower, pale yellow, bordered deep yellow.
$500 \quad 4500$

Fairy Queen, (f) rosy heliotrope, with yellow margin 23512100
Gesneriana "Orange Globe," brilliant orange-red. $\begin{array}{llllll}3 & 30 & 30 & 00\end{array}$
Gesneriana Spathulata, (f) scarlet, blue center, sweet-scented, one of the best

235
2100
Gesneriana Lutea, (f) gclden yellow, sweet-seented. A splendid one under glass, on account of its color and perfume.
Glare of the Garden, brilliant crimson.
$\begin{array}{lll}2 & 35 & 2100\end{array}$
$\begin{array}{llllll}\text { Glare of the Garden, brilliant crimson. ............ } & 3 & 65 & 33 & 00 \\ \text { Inglescombe Pink, (f) salmon-rose, fine forcer. ... } & 2 & 10 & 19 & 00\end{array}$

| Per | 100 | 1000 |  |
| :--- | :--- | :--- | :--- | :--- |
| Inglescombe Scarlet, brilliant scarlet, large flower.. $\$ 2$ | 40 | $\$ 21$ | 50 |
| Inglescombe Yellow, (f) rich yellow; splendid under |  |  |  |

## Breeder Tulips

Apricot bronze shaded apricot, olive base . . . . . . . $\$ 650$
Bronze Queen shaded apricot, olive base. $\$ 650 \quad \$ 5900$
Bronze Queen, golden yellow bronzc. . ............. . .
Cardinal Manning, wine-red flushed rosy brown.
Fairy Panorama, terra-cotta and bronze
Jaune D'Ouef, outside petals rose and orange, inside bronze and yellow.
Louise XIV, rich purplc with golden bronze margin. .
Madame Lethierry, dark cherry rose.
$400 \quad 3600$
$400 \quad 3600$

Prince of Orange, orange scarlet edged light yellow.
Queen Alexandria, bright vellow with orange tlotch
Yellow Perfection, light bronze yellcw.
$400 \quad 3600$

Mixed, all colors.

## Parrot Tulips

Per 100

1000
Constantinople, red. ..... \$2 90

$\$ 2600$

Gloriosa, red and ycllow . . . . . . . . . . . . . . . . . . . . . . . . 290
Lutea, large yellow........................................ . . 290
2600
Markgraaf, orange . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 290
Perfecta, yellow, spotted. . . . . . . . . . . . . . . . . . . . . . . . 290
Couleur Cafe, brown and yellow.................... . . 290
2603

Couleur Cafe, brown and yellow.....................
Cramoisi Brilliant, deep erimson, with large starshaped center, the finest of the Parrot varieties... 290

2600

##  <br> Lilium Giganteum

Owing to the unsettled condition of the Lilium Giganteum market, at the time this catalog goes to press, we are not pricing this item. They will, however, be sorrewhat lower than last year. Our customers may depend not only upon the best market prices, but on guaranteed grading-a vital point. Our arrangements in Japan provide for selection of sound, well-shaped bulbs. Crescent-shaped, malformed and undersized bulbs are taken out. If any of our cases reach you with undergraded or inferior lily bulbs in them, ask us at once for disposition and we guarantee they shall be graded to match exactly the sizes we invoice.
6 to 8 -inch ( 400 to case).
7 to 9 -inch ( 300 to case)
8 to 9 -inch ( 250 to case)
8 to 10 -inch ( 225 to case)
9 to 10 -inch (200 to case) (scarce)

## Formosum

Cold Storage 10 Days
Growers must not force Formosum in great heat. A cool house, 60 to 65 degrees, with plenty of moisture is better, but they will certainly do best when grown in pots. The so-called Formosum seems to be a class rather than a single type, and starts into growth irregularly, so if in pots they can be shifted into sections representing varying heights to give proper light and watering.
N. B.-Ten days in cold storage before planting is sure to benefit the crop.

| 100 | Case |
| ---: | ---: |
| $\$ 600$ | $\$ 2100$ |
| 900 | 2300 |
| 1400 | 2500 |
| 1500 | 2500 |

7 to 9 -inch ( 300 to case)
$\$ 2100$
230
7 to 9 -inch ( 300 to case)
$1400 \quad 25.00$
9 to 10 -inch ( 200 to case)
1500
2500

## Lilium Erabu

True strain. We have it. Prices are 10 per cent higher than Formosums.

## Hardy Japan Lilies

## Auratum-Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. Our bulbs are all carefully inspected before being shipped
8 to 9 inches ( 180 bulbs to a case).

| 100 | Case |
| ---: | ---: |
| $\$ 1500$ | $\$ 2000$ |
| 20 | 20 |
| 2000 |  |
| 30 | 00 |
| 2500 |  |

11 to 12 inches ( 90 bulbs to a case)
$3000 \quad 2500$

## Auratum Platyphyllum

The flowers are similar in color to Auratum, heavily spotted, but are much larger, petals more overlapping, of greater substance.


## Speciosum Rubrum Magnificum

Flowers are of good substance; will last a long time and do not all open at once. One of the best varieties for cold storage purposes.

$$
\begin{aligned}
& 8 \text { to } 9 \text { inches ( } 200 \text { bulbs to case) ................... } \$ 1300 \quad 100 \quad \$ 2200 \\
& 9 \text { to } 11 \text { inches ( } 140 \text { bulbs to case)..................... . . . . } 1800 \quad 2200 \\
& 11 \text { to } 13 \text { inches ( } 90 \text { bulbs to case). . . . . . . . . . . . . . . . . . } 3000 \quad 2200
\end{aligned}
$$

## Speciosum Album (White)

Pure white, with beautiful recurved petals, very fragrant.

|  | 100 | Case |
| :---: | :---: | :---: |
| 8 to 9 inches ( 220 bulbs to case) | \$2700 | \$5500 |
| 9 to 11 inches (160 bulbs to case) | 4000 | 6000 |

## Speciosum Melpomene

Flowers frosted white, spotted and bearded with pinkish crimson.
8 to 9 inches ( 180 bulbs to case) . . . . . . . . . . . . . . . . $\$ 1400 \quad 100$ Case

9 to 11 inches ( 140 bulbs to case).
1900
2200

## Various Lilies

HENRYII. The flower stalk, 3 to 5 feet high, carry Doz.

CANADENSE-Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs.

150
1000
ELEGANS MIXED.
175
1200
PARDALINUM-Leopard Lily. Rich scarlet and yellow spotted with rich brown. Robust and freeflowering.


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

PRICES
Northern-Grown

Thick Petaled | Northern-Grown |
| :---: |
| Thick Petaled |

## $18-20 \mathrm{ctms}$ <br> 20-22 ctms

 Per Thick Petaled$$
\$ 1400
$$

22-24 ctms Per 100
$\$ 2000$

## Regale (Myriophyllum)

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting. Blooming Size, doz., $\$ 3.00 ; 100, \$ 20.00$. $4-6$ inch, doz., $\$ 4.00 ; 100, \$ 30.00$. If wanted in quantityiplease write for prices.
SUPERBUM. Flowers bright orange-red thickly Doz. 100 spotted with purple. Remarkable for immense height and profusion of bloom; a strong plant bearing from 20 to 36 flowers.
MARTAGON - The Purple Martagon, strong growing, producing 20 to 30 light-spotted purple flowers, very graceful, vigorous and floriferous

1500
TIGRINUM SPLENDENS - Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black. Pretty and bears 8 to 20 flowers when well established.
TIGRINUM FLORE PLENO-Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers
UMBELLĀTUM-A beautiful companion to Lilium
Candidum, as it comes into bloom at the same time. Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th. Mixed.

## Lily of the Valley

In packing and grading the Lily of the Valley Pips for our trade. pips of one type and style of growth, raised on the same soil, will be branded separately, so that the customer receiving a certain number and brand from us, and forcing it to his satisfaction can depend on the same grade right along until sold out and will be advised by us when the grade is changed. This, we believe, will be much more satisfactory to the forcer than the former ind iscriminate method of delivering all kinds and shapes of Valley under one brand, the planter never knowing what kind of a pip would open up in the next case received.

Our quality has never been better but, as usual, orders should be placed early to secure same. Prices ready in November.

## Lilium Harrissi

## The Bermuda Easter Lily

The grading of these bulbs and digging date under supervision of Bermuda official has greatly improved. Crop is reported good. Note low prices. Give this Lily another trial.
7 to 9 -inch ( 200 bulbs to case) ..................... $\$ 1600 \quad \$ 3000$
8 to 10 -inch ( 150 bulbs to case)......... . . . . . . . . . . . $2200 \quad 3000$
9 to 11 -inch ( 100 bulbs to case).

## Narcissus Paper White Grandiflora <br> 

$\qquad$


## Our American Grown Paper Whites, Showing the Flower Stems Well Developed for Early Forcing

AsS SOON as the embargo against the importation of narcissus bulbs was made certain last year we began a painstaking investigation of available American supplies, in order to assure our customers of the best stocks to be had. Every section of the country where narcissi are being grown, from the Pacific coast to the Atlantic ocean and the Gulf of Mexico, was visited by the manager of our bulb department.

We have selected our American grown Paper Whites with the same care that we have learned to take in purchasing imported bulbs; keeping in mind the requirements of the greenhouse forcer. We have chosen the stock of growers of experience, whose technical ability has been demonstrated, who are in locations of favorable soil and climate and whose stocks have been tested for forcing. And, above all, we have chosen stocks that are free from insects and disease and will not have to be given the heat treatment before shipment. Our narcissus bulbs will carry certificates under the federal quarantine giving them a clean bill of health. We caution florists against buying for forcing purposes narcissi which have received heat treatment, and bulbs from fields which were not dug last year and tested for forcing qualities. There will be plenty of them at chcap prices, so "Beware!

The fields from which our bulbs come were inspected at flowering time, to insure true type; and a further inspection was made at harvesting time. Grading of our California grown stock will this year have the personal attention of our Mr. Leonard H. Vaughan. Our Paper White bulbs will come from selected fields in California and South Carolina and the Rio Grande Valley of Texas. These stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are equally good.

We request that in ordering from this stock you give us the privilege of filling with the next lower size, if we cannot furnish the exact size ordered.

## OUR GRADE OF PAPER WHITES

|  | Per 100 | Per 1000 |
| :---: | :---: | :---: |
| 13 ctms . and up (South Carolina grown) | \$ 5.00 | \$ 47.00 |
| 13 ctms . (California grown) | 4.00 | 37.00 |
| 14 ctms . (California grown) | 4.50 | 42.00 |
| 15 ctms . (California grown). | 5.25 | 46.00 |
| Grand Soliel d'Or, yellow Paper Whi | 15.00 | 125.00 |

## Hardy Narcissi <br> What we have said above about Paper Whites is also true about

 our hardy Narcissi. Besides growing 25 acres on our own farms we have contracted with growers in the States of Illinois, Washington, Oregon and Michigan. Their fields have also been inspected by our bulb manager and each case supplied to our customers will bear a certificate of inspection as to their condition. Florists inMinneapolis, Missouri, Illinois and New York have tried bulbs from these sources and were well satisfied. Numerous greenhouse tests of bulbs supplied by us this past fall, satisfy us that the source of our supply is "right," and good results can be had. Early ordering is an important consideration. We suggest you try a few this year, then next year you will be better prepared to increase your plantings.|  | Per 100 | Pcr 1000 |
| :---: | :---: | :---: |
| Emperor, rich yellow, large flower | \$10.00 | \$ 90.00 |
| Golden Spur, rich yellow | 10.00 | 90.00 |
| King Alfred, golden yellow | 15.00 | 130.00 |
| Minister Talma, golden yellow, large flowers | 10.00 | 90.00 |
| Empress, white perianth, yellow trumpct | 10.00 | 90.00 |
| Glory of Sassenheim, white perianth, yellow trumpet | 10.00 | 90.00 |
| Princeps, sulphur pcrianth, yellow trumpet | 3.00 | 25.00 |
| Sir Watkins, medium trumpet, yellow | 10.00 | 90.00 |
| Laurens Koster, Portaz white and yellow | 9.00 | 80.00 |
| Poeticus, Pheasant Eye | 6.00 | 55.00 |
| Poeticus, Ornatus, white and yellow | 6.50 | 60.00 |
| Von Sion, double yellow. | 10.00 | 85.00 |
| Barri Conspicuus, yellow small cup | 8.00 | 75.00 |
| Mixed, regular for outdoor planting | 4.00 | 35.00 |
| Special Mixed, for outdoor planting | 4.50 | 40.00 |

Pcr 100 lbs .
Bulb Fibre. Prepared for growing bulbs in bowls . . ...... $\$ 5.50$
Pearl Chips. For growing bulbs in bowls, plain. 3.50

Pearl Chips. For growing bulbs in bowls, colorcd.
5.50


## Miscellaneous Bulbs

## Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest sclf colors as scarlet, crimson, bright red, cherry and almost maroon.
Bulbs 3 inches and more and are sure bloomers.
Make wonderful window displays.
H. \& S. Special Mixed; doz., $\$ 4.50$; per 100, $\$ 35.00$.

OTHER AMARYLLIS

|  | Doz. | 100 |
| :---: | :---: | :---: |
| Florida Grown Hybrids. | \$3.50 | \$30.00 |
| Belladonna Major. Pink | 2.00 | 15.00 |
| Equestra. Orange-scarlet | 2.00 | 15.00 |

## ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. Special Mixed, per 100, $\$ 4.00$; per $1000, \$ 35.00$.
St. Brigid. Double flowers. Per $100, \$ 5.50$; per $1000, \$ 50.00$.

## White Calla

## (Aethiopica)

These can be grown at less expense during the winter months, requiring less heat than other lilies.
Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice premature cutting off the tops, expose bulbs to the sun, in order to make early shipment. This is very dangerous and will cause dry rot.
We therefore take great pains in securing our stock from growers in California who do not use this practice. Our stock is thoroughly cured in the ground and dried thoroughly before they are packed. This, of course, means later delivery but better results can be obtained from such bulbs.
We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

| Size | Per 100 | 1000 |
| :---: | :---: | :---: |
| 11/4-11/2 inches. | \$ 7.00 | \$ 60.00 |
| 11/2-13/4 inches. | 11.00 | 100.00 |
| $13 / 4$ inches and up | 16.00 | 140.00 |

## GODFREY EVERBLOOMING CALLA

## (Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as flower is not so heavy and large. Per 100 Per 1000 First Size. 1 inch up. . . . . . . . . . . . . . . . . . . . . . . $\$ 12.00$ \$100.00



Watch the crowds who admire this striking clear yellow flower at the big shows and you will find buyers interested. Prices being so reasonable this year all Florists should try 100 or more of this beautiful Calla.

Per $100 \quad 1000$

| $11 / 2$ inch | . \$10 00 | \$ 9000 |
| :---: | :---: | :---: |
| 2 inch | 1400 | 13000 |
| $21 / 2$ inch and up | 1700 | 16000 |

## CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings.
Mixed, per doz., 50 c ; per 100, $\$ 3.00$; postpaid; per 1000 , $\$ 25.00$.

## CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon afer the snow is gone. Grows well in any good garden soil, and when once planted requires no further care. Looks best when planted in lines or clumps.
Lucillae. Flowers of a brilliant sky-blue color with white center. Per 100, $\$ 2.25$; per 1000, $\$ 20.00$.
Sardensis. Deep blue. Per 100, $\$ 2.75$; per $1000, \$ 22.00$.

## Crocus

## Large Flowering

The bulbs are about an inch in diameter, and are sure blomers. Albion, blue, striped white. Mont Blanc, pure white, Baron von Bruno, dark blue. David Rizzio, deep purple. Dandy, blue.
Non Plus Ultra, blue, white bordered.
Othello, dark purple.
Price of above per 100 , $\$ 2.25$
Select Yo
$\begin{array}{lllll}\text { Select Yellow, choice bulbs. ....................... } \$ 2 & 25 & \$ 20 & 00 \\ \text { Mammoth Yellow, fine canary-yellow, large bulbs.. } 3 & 10 & 28 & 00\end{array}$

## CROCUS-Mixed Colors

Striped and variegated. . . . . . . . . . . . . . . . . . . . . . . . .
White shades mixed.
Blue and purple............................................................ $\$ 1$ $\$ 5$ \$15 00
Large Yellow, first size bulbs.


FREESIA-Improved Purity

## Freesias-California Grown

What we stated in last year's catalog regarding Freesias taking the place left open by the Paper White Narcissus embargo proved correct.

Those growers who planted a good supply of these bulbs, owning them at very low prices, have made good profits, and are again booking their orders this season in quantity.
Be careful, however, not to comparc our prices with those who might be offering discolored bulbs and the ordinary Refracta Alba or "tissue paper" variety. They are worthless.

|  | PURITY | Per 100 | 1000 |
| :---: | :---: | :---: | :---: |
| $1 / 2$ to $5 / 8$-inch. |  | . \$2 00 | \$1200 |
| $5 / 8$ to $3 / 4$-inch. |  | 275 | 2250 |
| $3 / 4$-inch and up |  | 350 | 3000 |

## COLORED

General Pershing. Lavendcr-pink, yellow lip, some-
what of a bronze cast. . . . . . . . . . . . . . . . . . . . . . . . 3002500
Splendens. The stems are long and stiff, bearing as
many flowers as Purity, of a beautiful deep lavender color
$350 \quad 3000$
Separate Named Varieties. Our selection, well
balanced in colors.
$400 \quad 3500$
Rainbow Mixed. Our own mixture. Very choice. 3002500

## FRITILLARIA



## IRIS

Filifolia "Imperator." Deep blue. Large flowers on long stems.

750
6500

## IXIAS

An easily forced winter-flowering bulb, which is rapidly coming into favor, as its merits become more fully known. The flowers include many shades of yellow, pink, scarlet and crimson; are borne on long stems and are splendid for cutting.
Mixed, Per 100, \$2.00; per 1000, \$17.00.
Named Varieties, Per 100, $\$ 3.00$; per $1000, \$ 25.00$.

## MUSCARI (Grape Hyacinth)

Beautiful little flowers for planting in masses cither in shade or sun. Once planted, they multiply rapidly and send up flower stems by the score each year. Also adapted for growing indoors. Plant six bulbs in a five-inch pot. Perfectly hardy.
Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Pcr $100, \$ 2.00$; per 1000, \$18.00.
Pure White. This is a beautiful companion to the above, and they make a striking show when planted together. Per $100, \$ 4.00$; 1000, \$35.00.
Heavenly Blue. Sky-blue. Per 100, $\$ 2.00 ; 1000, \$ 18.00$.

## Oladiolus $\begin{gathered}\text { For Winter } \\ \text { Forcing }\end{gathered}$

The varieties mentioned below excel for greenhouse growing. Carnation temperature all the time. 60 degrees by day, 52 degrees at night, is all right in forcing Gladiolus. Do not increase the temperature above 60 degrees if avoidable. Plant 5 by 7 inches or more apart. Do not use fresh manure.

Per $100 \quad 1000$
Chicago White-The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks in the lower petals: It is one of the earliest varieties to bloom.
Early Sunrise-Flowers, extra large, bright salmonscarlet color with pencil stripe of cream through center of each petal of the flower. Vigorous grower, extremely early and good propagator

500
4500
E. J. Shaylor-Pure deep rose-pink, slightly ruffled. Is in great demand and brings best prices on Chicago market. Good forcers.

350
3000
Halley-This is one of the earliest of Gladioli. Delicate salmon-pink, a pale ground showing at the throat, which is marked with small red stripes. .
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 Mary Alice-Color, rose-pink, the throat marking of a lavender-mauve, a light strcak running th-ough the center of each petal, anthers lavender, flowers large, well open with petals slightly reflex. The stalk is very tall, strong and straight
Mrs. Francis King-Color is a bright "Flamingo" pink, strikingly attractive. Strong, robust grower and one of the best florist sorts.
Mrs. Frank Pendleton-The color is a delicately flushed salmon-pink. The blooms are wide open and are arranged individually on slender, but wiry stems. Each flower is strikingly marked with rich maroon blotch on the three lower petals.
Odin-A sport of Prince of Wales; salmon color with dark blotches; early; good forcer.
Primulinus "Sunbeam"-Our introduction of 1914. Its strong growth and clear yellow color mark it for a leader in this class; very early
Primulinus "Alice Tiplady"
$400 \quad 3500$

Primulinus "Maiden Blush",
$300 \quad 2500$
Prince of Wales-Salmon-pink
3503000
Wilbrink-A sport of Halley; retains Halley's earliness and has the color of America; soft yellow blotch on lower petals.
$300 \quad 2500$
OXALIS
Per 1001000
Bermuda Buttercup, strong bulbs.................. $\$ 250$ \$20 00
Grand Duchess, lavender................................ 2001800
Grand Duchess, pink................................... . . 2001800
Grand Duchess, yellow............................ 2001800
Grand Duchess, yellow......................
A florist's favorite when same becomes known. Bulbs are claw-like shaped and should be planted with claws downward two inches deep and ten inches apart. Ordinary garden soil is satisfactory. Soak bulbs same as Anemones. French Mixed, per 100, $\$ 4.00$; pcr 1000, $\$ 35.00$.

SNOWDROPS
Par 100 Per 1000
Single. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 300$ \$27 50 Double........................................................ 400 3500


Per $100, \$ 30.00$.
SPIRAEAS

# Vaughan's Flower Seeds Condensed List for Early Sowing 

For complete list of Flower Seeds see Spring Florist Catalogue issued January 1, each year.
SPECIAL CASH DISCOUNT 5 PER CENT on orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed. Except Cyclamen, which is net.


## ANTIRRHINUM-SNAPDRAGON



Amber Queen. Canary-yellow, overlaid chamois c Aurora. Cinnabar carm., white throat.. $1 / 4$ oz., 25c .15 Black Prince. Deep crimson. ..........1/4 oz., 25c . 15 Bonfire. Orange buff. (Defiance).....1/4 oz., 40 c . 20 Canary Bird............................ $1 / 4$ oz., 25 c.$~ 15$ Cottage Maid. Pale pink white throat, $1 / 4 \mathrm{oz}$., 25 c . 15 Crimson Queen......................... $1 / 4$ oz., $30 \mathrm{c} \quad .15$ Daphne. Pink suffused with white.....1/4 oz., 25c . 15 Diana. Rose pink, white crest .25 Fascination. Pearly pink self. . . . . . . . $1 / 4$ oz., 30c .20 Fawn. Terra cotta pink, suffused yellow. .50 Firebrand. Fiery orange-scarlet....... $1 / 4$ oz., 40 c . 25 Gloria. Rich, deep rose-pink...........1/4 oz., 40c . 25 Golden Pink Queen. .......... 3 Tr. Pkts. for $\$ 2.50 \quad 1.00$ Geneva Pink. . . . . . . . . . . . . . 3 Tr. Pkts. for $\$ 5.00 \quad 2.00$ Golden Monarch. Best yellow........ $1 / 8$ oz., $\$ 1.00 \quad .50$ Golden Queen. Yellow................1/4 oz., $25 \mathrm{c} \quad .15$ Grenadier. Orange-scarlet, white throat
Helen. Lovely salmon....... 3 Tr. Pkts. for $\$ 2.50 \quad 1.00$ Jennie Schneider. Beautiful pink, same shade as Columbia rose . . . . . . . . . . 3 Tr. Pkts. for $\$ 5.00$

Mont Blanc. Large flowered, white 25
Nelrose. Salmon-pink. . . . . . . . . . . . . $1 / 4$ oz., $\$ 1.00$ Penn-Orange. Striking tangerine orange, dark green foliage. Good keeper. 6 Tr. Pkts., $\$ 10.002 .00$ eerless Pink. Pink with white lip. Philadelphia Pink Originator' stock 3 Tr. Pkts. for $\$ 2.50$
Majus Nanum, Semi-tall Varieties-Continued Trade pkt. OzPrima Donna. Terra cotta pink, suffused primrose,excellent for florists use.
\$0.35
Queen of the North (Phelps White). . . .1/4 oz., 25c ..... \$0.80
Rose Dore. Salmon rose............... $1 / 4 \mathrm{oz}$ oz, 25 c ..... 1580
Silver Pink. Vaughan's deep pink self. $1 / 4$ oz., $\$ 1.00$ ..... 25
White Rock. ..... 2.00
Majus Tall Varieties-
Brilliant Scarlet $1 / 4$ oz., 25 c ..... 15Dark Rose. (Coral red)1/4 oz., 25 c1580
Delicata. Soft pink-white throat. . . . . $1 / 4$ oz., 25 c ..... 60throat50
Fire King. Orange, scarlet and white.15
Golden King. Improved yellow...... $1 / 8$ oz., $\$ 1.00$Harmony. Rich terra cotta pink, yellow cen-ter. . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4$ oz., 35 c25Lovely. White with pink lip...........1/4 oz., 25 c1500
Queen Victoria Improved. Pure white. $1 / 8$ oz., $\$ 1.00$Rose King.$1 / 4$ oz., 25 c
Rose Queen. $1 / 4 \mathrm{oz} ., 25 \mathrm{c}$

    The Cardinal.The Cardinal.1515
    Venus. Appleblossom pink.............1/4 oz., 25 c15
Venus. ..... 8015
Majus Grandiflorum. Mixed........ 1/ oz, 20 c
Vaughan's Special Mixture. 1/4 oz., 40c ..... 20Maximum-Giant Flowered-
Appleblossom. Rosy pink, white tube. ..... 35
Bunch of Lilacs. Lilac purple. ..... 35
Canary Bird. Canary-yellow. ..... 35
Cerberus. Carmine rose, yellow lip. ..... 35
Copper King. "Indian Summer" Copper shades. ..... 35
Delicate shades. ..... 35
Defiance, scarlet ..... 35
Fairy Queen. Terra cotta. ..... 35
Gotelind. Pale orange. ..... 35
Golden Queen. Yellow with rosy lilac throat. ..... 35
Maralda. Coppery carmine ..... 35
Old Gold. Beautiful art shade. ..... 35
Purple King. Rich, velvety purple. ..... 35
Ruby. Rich, velvety ruby red. ..... 35
Snowflake. White ..... 35
The Rose. Soft pink ..... 35
Wallflower colors. $1 / 4$ oz., 60 .....  35
Maximum. Many kinds, mixed. 1/4 oz., 35c ..... 251.20

## ANEMONE ST. BRIGID

## (TRUE IRISH STRAIN)

Best prize winning 1 rish strain. 1rish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliance of colors.
Culture: Sow in flats, thin out after the second leaf, and pot in $21 / 2$-inch pots. When plants are established, set out in benches or solid beds 10 to 12 inches apart. Plenty of cow manure is recommended. Flowers come in about six months from seed. Trade pkt., 50c; $1 / 8$ oz., $\$ 1.00$; oz., $\$ 6.00$.
ANEMONE Coronaria Mixed. Trade pkt., $15 \mathrm{c} ;$ oz., $80 \mathrm{c} ; \mathrm{lb} ., \$ 8.00$.
CHINESE FORGET-ME-NOT
Cynoglossum Amabile. 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.

## 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-pink1.00

Gracilis Luminosa. Foliage, lustrous reddish brown; flowers, fiery dark scarlet
$1 / 32$ oz., $\$ 2.40$50

Fireball.

1/32 oz., \$2.50

Gruppen Konigin. Foliage dark green, edged reddish brown. Dwarf compact growth, large brilliant dark rose flowers
Rose Charm. Color, fresh rose resembling that of the Paul Neyron rose, very free blooming, splendid grower ... . . . . . . . . . . . . . . . . . . . $1 / 32$ oz., $\$ 2.50$
Prima Donna. Large transparent rose flowers,
White Pearl. White flowers, foliage green 1/32 oz., $\$ 2.00$
Semperflorens Alba....................1/8 oz., 50 c
Atropurpurea Vernon. Red-leaved and redflowered.

1/16 oz., 50c
A. Martin. Large, brilliant crimson-scarlct with dark foliage.........................1/3 oz., $\$ 1.60$
Erfordia. Rosy carmine flowers ...... $1 / 130$ oz., $\$ 1.80 \quad .50$
Fire Sea. Very dwarf, deep green foliage, red flowers. . . . ....................... $1 / 33$ oz., $\$ 2.40$
Flame of Love. 1 ft . Dense clusters of brilliant scarlet flowers with shining golden yellow stamens. Foliage bright green, tinted brown. 1/32 oz., $\$ 2.50$
Glory of Erfurt. Fine novelty with very large rosy carmine flowers. . . . . . . . . . . . . . . . . $1 / 32$ oz., $\$ 2.80$
Liegnitzia. Scarlet-carmine; a good bedder
Melanie White with pink edge.............1/2 oz., $\$ 1.80$
Melanie. White with pink edge.......1/32 oz., \$2.00 . 50
Mignon. Bright salmon-scarlet........ $1 / 32$ oz., $\$ 2.80 \quad .50$
Rose Charm. Fresh rose color......... $1 \%$ oz., $\$ 2.50 \quad 1.00$
$\begin{array}{ll}\text { Salmon Queen. Large salmon blooms, dark foliage } & \\ \text { Wuertembergia. Bloo..................1/32 oz., } \$ 2.60 & 1.00 \\ \text { Wiod-red..........1/32 oz., } \$ 1.20 & .50\end{array}$
Mixed.
1/8 oz., 60c

## CANDYTUFT

Giant Hyacinth-Flowered. Extra Selected, large pure white flowers . . . . . . . . . . . . . . . . . . . . . lb., $\$ 8.00$
Giant Empress . . . . . . . . . . . . . . . . . . . . . . . .lb., $\$ 3.20$
Umbellata Lilacina. Lilac. Select. . . . . . .lb $\$ 4.00$
Carminea. Carmine. . . . . . . . . . . . . . . . . . .lb., $\$ 4.00$
Flesh..
lb., $\$ 4.00$
Purpurea. Crimson . lb., $\$ 4.00$
Rose Pink (Rose Cardinal)
lb., $\$ 5.00$
.lb., \$4.00

White.

## CALENDULA

The Ball Orange. This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass. $1 / 2 \mathrm{oz}$., $\$ 1.75$; lb ., $\$ 32.00$. Trade pkt. of $1 / 4 \mathrm{oz}$.
Ball's Improved Orange
1/2 oz., $\$ 2.00$
The Ball Gold has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange.
1.00

## Apricot

Sulphurea Plena. Double sulphur yellow.ib., $\$ 5.00$
Prince of Orange. Bright orange . ....... .lb., \$2.00
Orange King (Grandiflora fl. pl.). Selcct . .lb., $\$ 6.00$
Orange King, Dark Center. Select Stock, lb., $\$ 12.00$

## CYCLAMEN

## NOTE-Cyclamen seed prices are net. Giant English Grown

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 salmonscarlet. 100 seeds, $\$ 1.60 ; 1000$ seeds, $\$ 14.00$.

Prices-any of the following- 100 seeds, $\$ 1.40 ; 1,000$ 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, $\$ 1.20$; 1,000 seeds, $\$ 10.00$.

## Persicum Giganteum-German Type

|  | 100 <br> Seeds |
| :--- | :--- |
| 1.000 <br> Seeds |  |
| Glory of Wandsbek (Pearl of Zehlendorf). | Dark |

$\$ 0.80$
.30
.40
.40
.40
.40
.40

Trade pkt. Oz.
CINERARIA Martima Candidissima, for bedding... $\$ 0.10 \quad \$ 0.40$
Maritima Diamond. Leaves pure white
CLARKIA Elegans f. pl. Appleblossom.
$.10 \quad .40$
.15
60
Elegans fl. pl. Chamois.
15
Scarlet Queen. Double brilliant scarlet . . . . . . . . . . . . 15 . 60
.60
$\begin{array}{llll}\text { Brilliant. Double crimson scarlet . . . . . . . . . . . . . . . . . . . } & .15 & .60 \\ \text { Salmon Queen. Double salmon . . . . . . . . . . . } & .80\end{array}$
$15-60$
Queen Mary. Rose carmine. . . . . . . . . . . . . . . . . . . . . 15 . 60
$\begin{array}{llll}\text { Vesuvius. Orange, scarlet, new . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . } & .15 & .60 \\ \text { White Prince. . . . . }\end{array}$

| Vesuvius. Orange, scarlet, new . . . . . . . . . . . . . . . . . . . . | .15 |
| :--- | :--- |
| White Prince. . . . . . . . . . . . . . . . . . . . . | .15 |

        White Prince................
        .15 . 60
    
## DIDISCUS COERULEUS

Lavender Lace Flower. 3 ft . Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. The culture is not at all difficult, only the seed is somewhat slow in germinating. To be sown where they are to flower. $1 / 4$ oz., 40c
$.25 \quad 1.2$
DRACAENA Indivisa Lineata
1b., $\$ 4.00$
Indivisa. Narrow green leaves. Latifolia $15 \quad .60$10
Australis. Green and red colored leaves. .40
.80
EXACUM Affine. Blue. Fine for pots and baskets . . . . . . . . . . . . . . . . . . . . . . . 1,000 seeds, $\$ 1.00$
GREVILLEA Robusta (Silk Oak)
GYPSOPHILA Elegans. Crimson. New 10
Grandiflora Alba. Fine for cutting.

Carminea. Carmine, better than Rosea..lb., $\$ 2.80$
10
Rosea. Pale pink. . . . . . . . . . . . . . . . . . . . lb., $\$ 2.00$


ANNUAL LARKSPUR, Stock Flowered

## ORNAMENTAL POMEGRANATE

## A New Christmas Plant

The seed germinates very slowly and irregularly, and real good plants are not obtainable if sown late. We suggest to our customers to make a sowing in fall and we believe that better results will be obtained.

When the seedlings show character leaves they should be pricked off into 2 -inch pots.

Next spring 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.

200 seeds, $\$ 1.00 ; 1,000$ seeds, $\$ 4.50$.

PYRETHRUM Parthenifolium Aureum (Golden Feather). Trade pkt., 10c; oz.; 40c.
RANUNCULUS Asiaticus Superbissimus. Giant French Hybrids. The well-known spring flowering Ranunculus, producing an abundance of double and semi-double flowers. Sow seed from March to May or August to October in cold frame. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft . Trade pkt., 15 c ; oz., $50 \mathrm{c} ; \mathrm{lb}$., $\$ 6.00$.
SAINTPAULIA Ionantha. Charming deep blue flowering pot plant which blossoms in uninterrupted succession. Trade pkt., $\$ 1.00$.
SAPONARIA Vaccaria Rosea (sometimes called Pink Gypsophila). The light graceful sprays of glistening flowers produced in greatest profusion. It is so valuable that successional sowings should be made. Trade pkt., 10c; oz., 30c; lb., $\$ 2.40$.
SCHIZANTHUS Garaway's Selected Hybrids. Superior in form and range of color to other Hybrids. Invaluable for cutting and for conservatory or room decoration. Sprays in bud when cut and placed in water will open their flowers and remain in bloom for several weeks. Trade pkt. ( 500 seeds), $50 \mathrm{c} ; 1 / 4 \mathrm{oz}$., $\$ 1.00$; oz., \$3.60.

## 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. When well grown the plants of this mixture should sell readily at a dollar a dozen. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., $50 \mathrm{c} ; 1 / 8 \mathrm{oz}$., $\$ 1.25$; $1 / 2 \mathrm{oz}$., $\$ 4.00$; 1 oz., $\$ 8.00 ; 1 \mathrm{lb} ., \$ 100.00$.

| Adonis, light blue white center. . . . . . . . . . . | $\begin{aligned} & \text { Pkt. } \\ & \$ 0.25 \end{aligned}$ | $\begin{array}{r} 1 / 4 \mathrm{oz} . \\ \$ 0.50 \end{array}$ | $\begin{aligned} & \mathrm{Oz} . \\ & \$ 1.60 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Auricula Colors, metallic shade | . 25 | . 50 | 1.80 |
| Aurora, pure white without blotches | . 25 | . 45 | 1.6 |
| Azure Blue | 25 | . 50 | 1.6 |
| Beaconsfield, light lavender and rich purple | . 25 | . 45 | 1.6 |
| Black, large, true black | . 25 | . 45 | 1.6 |
| Bridesmaid, shades of white, shining rose | . 25 | . 65 | 2.4 |
| 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 |  |
| 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 | . 65 | 2. |
| Emperor Francis Joseph, white, violet spots | . 35 | . 65 | 2.60 |
| Emperor William, dark navy | . 25 | . 45 | 1.6 |
| Eros, purple, yellow border | . 25 | . 45 |  |
| Fiery Faces, red with black | . 25 | . 45 | 1.60 |
| Freya, violet purple, silver edged | . 25 | . 60 | 2.00 |
| Golden Queen, clcar golden | . 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, shadcs of pink and ose | . 25 | . 50 | 1.80 |
| Mauve Queen, rosy ilac | . 25 | . 55 | 2.00 |
| Mercury, dcep purple cd | . 25 | . 60 | 2.20 |
| Masterpiece-Giant Curled or Spencer. The colors are superb, mostly red and brown shades | . 35 | . 80 | 3.00 |

## 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., $50 \mathrm{c} ; 1 / 8 \mathrm{oz} ., 75 \mathrm{c} ;$ oz., $\$ 5.00 ; 1 / 4 \mathrm{lb} ., \$ 18.00$.

## NEW EARLY FLOWERING GIANT (Hiemalis)

This new strain produces its giant flowers about four weeks earlier than other known types. In March, when the old type pansies hardly show any buds, the plants of the new strain bore from 3 to 5 of their giant flowers.

Yellow, with dark eye.
Dark Blue.
Light Blue.
Ice King, white with black eye.
Jupiter, dark purple-violet.
Each of the above. Trade pkt. 25 c . $1 /$ oz. 50 c , oz.
, \$1.60
Early Flowering Giant, Mixed. Trade pkt., 25 c ; $1 / 4 \mathrm{oz} ., 40 \mathrm{c}$; oz., $\$ 1.40 ;$ lb.. $\$ 16.00$.

## 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; $1 / 40$ 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; $1 / 8 \mathrm{oz}$., $\$ 1.25$; $1 / 4 \mathrm{oz}$., $\$ 2.00$; oz., $\$ 7.00$; 4 ozs., $\$ 25.00$.

## VAUGHAN'S P. P. (Popular Price) MIXTURE

This mixture, like all "Vaughan" mixtures, is made up by ourselves from separate colors and strains of the Giant and Chicago Parks Bedding types and will furnish a large variety of colors with a good proportion of giant flowers. Trade pkt., 25 c ; $1 / 4 \mathrm{oz}$., 70 c ; oz., $\$ 2.40$; lb., $\$ 28.00$.

## VAUGHAN'S CUT-FLOWER MIXTURE

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of flowers. Trade pkt., $25 \mathrm{c} ; 1 / 8 \mathrm{oz}$., 60 c ; oz., $\$ 4.00$.

| Masterpiece-Continued. | Trade Pkt. | 1/4 oz. | Oz. |
| :---: | :---: | :---: | :---: |
| Blue Domino, purplish black top, petals |  |  |  |
| light blue . . . . . . . . | . $\$ 0.50$ | \$1.25 | \$4.00 |
| Canary Yellow, yellow black e | . 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 edgc.
Orchid Flowered Mammoth, greenishyellow shades, with large purple blotches.
Parisian Striped.
Paris Market, an improved strain of Trimardeau mixed. . . . . . . . . . . . . . . . . . lb., $\$ 16.00$
Pheasant's Eye, sky-blue, edged violet...
.25
Pink, lovely shades of pink, same as Hydrangea.
President Carnot, five-blotched white.....
President McKinley, five-blotched yellow.
.25
Pretiosa, dark purple on white ground..... . 25
Prince Bismarck, bronze and light brown. . . 25
Prince Henry, darkest blue.
.25
Purple, very largc, rich deep purple........ . . 25
Purple King, bright purple-red, dark spots
Ruby Red, purplish red shades.
.25
Siegfried, wallflower color, five-spotted...... . 25
St. Knud, giant orange flowers
Striped, mahogany striped and flaked white . 25
Trimardeau, mixcd, many colors, lb., $\$ 14.00$
Victoria, vivid red..
Violet Blue, a vcry pleasing shade..........
White, with dark eye, very large .......... . . 25
Yellow, with dark eye, immense flowers. .. . 25
1.40
1.80
$.60 \quad 2.00$
$.65 \quad 2.40$
$.70 \quad 2.60$
$.65 \quad 2.60$
$45 \quad 1.60$
.45
1.60
$.55 \quad 2.00$
$.60 \quad 2.00$
$.65 \quad 2.40$
.75
$50 \quad 1.60$
$.35 \quad 1.20$
$.80 \quad 3.00$
$.50 \quad 1.60$
$45 \quad 160$

## PETUNIA

Single Small-Flowered Dwarf Sorts
Trade pkt. Oz.
Rosy Morn. Select stock. Pink with white throat
$1 / 4$ oz., 70 c \$0.50 $\$ 2.40$

## Giant-Flowered-Single

The Flowers in this Section Measure from 5 to 7 Inches Across.
Dwarf Giants of California. Mixed, extra choice. . $1 / 32$ oz., $\$ 6.00 ; 1,000$ seeds, $\$ 1.00$

## Large-Flowering-Single

The Flowers in this Section Measure from 3 to 4 Inches in Diameter.
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... $1 / 8$ oz., $\$ 5.00$; $1 / 32$ oz., $\$ 1.50$
Pink Glory. A pure flame rose pink. Slightly ruffled. A compact grower and free bloomer... $1 / 64 \mathrm{oz}$., $\$ 2.00$
Vaughan's Best Mixture of large flowering single sorts. This mixture is made up by ourselves from all the best single Pctunias and will give the most satisfactory results .....1/16 oz., $\$ 3.00$; $1 / 32 \mathrm{oz}$., $\$ 1.60$
$.50 \quad 42.00$

## Large-Flowering-Double

Vaughan's Special Mixture. Double extra choice. 500 seeds, 75 c ; 1,000 seeds, $\$ 1.25 ; 10,000$ seeds, $\$ 11.00$; 1 16 oz., $\$ 4.00$.

SHAMROCK. Sow early for St. Patrick's Day sales

## SMILAX.

SNAPDRAGON. See Antirrhinum.
STATICE Suworowii. Russian. Flowers bright rose color, also known as "Rat Tail." Sow inside for winter blooming.
STEVIA Serrata. White, fine cut flower
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.
THUNBERGIA. Mixed................... . . . lb., $\$ 7.00$
TORENIA Fournieri Grandiflora. Makes a fine pot plant, flowers blue with dark blotches on lip $1 / 8$ oz., 50 c White Wings............................ . . . .1/8 oz., 50 c Bailloni
TRACHELIUM Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Sow in October-November. Height, 18 inches. Pot plant

## VERBENA

Gigantea Alba. Very large, pure white... $1 / 4 \mathrm{oz} ., 45 \mathrm{c}$ Coccinea. Scarlet......................1/4 oz., 45 c 25
Luminosa. Luminous flake-pink toning to softer shades of salmon flesh and coral. Lucifer Red. .
Rosea Stellata. Pink, white.....1/4 oz., 45 c
Rosea Stellata. Pink, white eye.........1/4 oz., 45c Rose Cardinal. Bright red..............1/4 oz., 45c Violacea Stellata. Violet, white eye.... $1 / 4$ oz., 45 c Gigantea. Mixed.
Gaughan's Best Mixed. This is unquestionably

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; 1/4 oz., 50c; oz., $\$ 2.00 ; 2$ oz., $\$ 3.50$.
Trade pkt. Oz.
WHITLAVIA Gloxinioides, Blue, 1 foot. Flowers deep lavender-blue with white throat resembling small Gloxinias. Try this as a pot plant.
$\$ 0.10 \quad \$ 0.40$


STOCKS Bismarck (Early Giant Imperial)

## GIANT BISMARCK (Early Giant Imperial)

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. Blooms in about three months from time of sewing.

| Pure White | Gold Ball | Fiery Blood-Red |
| :--- | :--- | :--- |
| Appleblossom | Chamois | Lavender (Queen of Belgians) |
| Dark Blue | Lilac | Flesh |



## GIANT PERFECTION-Cut and Come Again

| Sapphire (Dark blue) | Canary Yellow | LaFrance (Flesh) |
| :--- | :--- | :--- |
| White (Princess Alice) | Scarlet | Sky-Blue (May Queen) |
| Rose | Empress Augusta Victoria (Silvery Lilac) |  |

Heatham Beauty. Rose shaded terra cotta.
Snowdrift. New early pure white.
Trade pkt. Oz.
Each of the above
Mixed, all colors
$1 / 8 \mathrm{oz} ., 35 \mathrm{c} \$ 0.25 \quad \$ 2.20$
Giant Perfection. Mixed, all colors....... $1 / 4 \mathrm{oz}$., $50 \mathrm{c} \quad .251 .80$

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

Pink
Aurora (Golden buff suffused
Summer Night (Dark blue) with rose)

Cote d'Azure (Light blue)
Mont Blanc (White)
Monte Carlo (Yellow)
Souv. cle Monaco (Crimson)
Abundance (Soft carmine
Belle of Naples (Old rose salmon)
rose)
Trade pkt. Oz
$\begin{array}{lllll}\text { Each of the above } \\ \text { Beauty of Nice. Mixed, all colors..............1/8 oz., } & 35 \mathrm{c} & \$ 0.25 & \$ 2.40 \\ \text { oz., } & 50 \mathrm{c} & .25 & 1.80\end{array}$

## VINCA ROSEA

This seed should be sown early to secure salable plants in spring


Fl. Albo Oculata. White with pink eye...lb., $\$ 8.00 \quad .15 \quad .80$
Alba Pura. Pure white.................1/4 oz., 25 c . 15 . 80
Delicata. Soft pink (new)................ $1 / 4$ oz., $30 \mathrm{c} \quad .20 \quad 1.00$
Mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4 / 4$ oz., 25 c . 15 . 80

# Sweet Peas Early Flowering-Spencer Novelties 

4 ozs . and upwards supplied at pound rate. Less than 4 ozs. at oz. rate.
OBall's Rose. A most attractive bright dark rose withjust enough of an amber flush to heighten the brightrose effect.4 ozs., $\$ 4.50 \$ 1.20 \$ 15.00$
Ball's Blue. Clear blue of unusually free growth and flowering habit.4 ozs., $£ 4.501 .20$15.00
Blue Boy. Largest and clearest blue, abundant bloomer ..... 50 ..... 6.00
Edward Zvolanek. Large lavender ..... 5
Flambeau. Orange-salmon. ..... $40 \quad 5.00$
Giant Rose, A large improved Zvolanek's Rose color
4 ozs., $\$ 6.50 \quad 1.80$ ..... 24.00
Illumination. Salmon-cerise ..... 50 ..... 6.00
Imperial Pink. A clear pink of enormous size bred upfrom a line of strong and tested parentage, insuring avigorous growth, long stems and an abundance ofblooms over a long period. ............. 4 ozs., $£ 6.50$1.8024.00
Jeanne Mamitsch. A sport from Rose Queen and an improvement on Zvolanek's Rose. ..... $.90 \quad 12.00$
Mrs. Calvin Coolidge. A bright salmon-pink with a suffusion of bronzy orange. Pkt. 20 seeds, $25 \mathrm{c} ; 1 / 2$ oz., $\$ 1.25 ; 4$ ozs., $\$ 7.50 ; 1 / 2 \mathrm{lb}$., $\$ 13.75$ ..... $2.25 \quad 25.00$
Orange King. It is a beautiful glowing orange and practically sunproof. 4 ozs., $\$ 4.501 .20$ ..... 15.00
New Blue. New deep blue ..... 65 ..... 8.00
Pink Cherokee. A fine pink suffused with salmon on a deep cream ground ..... $.80 \quad 10.00$
Silver Blue. The large flowers are a pleasing, delicate shade of lavender-blue ..... 50 ..... 6.00
Sweet Lavender. A pure lavender self, of enormous size, beautifully frilled ..... 8.00
Vulvan. The color is the most vivid scarlet ever seen in Sweet Peas

Morse's Superior Pink. The color is a beautiful clear
Oz Lb. rose-pink, very slightly shaded with salmon. This salmon shading gives more life to the color in the daytime and under artificial light is most outstanding. $1 / 4 \mathrm{lb} ., \$ 4.50 \$ 1.20 \$ 15.00$
White Harmony. The best winter-flowering blackseeded white Sweet Pea to date
1.40

## Early Flowering Spencer Novelties



Hardy German Iris
Ege " S " refers to the three standard or upright curling petals. " F " refers 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

8.3 Afterglow. Large flowers of soft grayish lavender Each shading to rich yellow through the center. A thrifty, tall grower and free bloomer.............. should have a great future. " $S$ " fascinating smoky purple; $F$ velvety purple-maroon, orange
9.4 Ballerine. Early. "S" light violet-Blue; "F"
deeper. Very fragrant. Single blooms often five deeper. Very fragrant. Single blooms often five
inches long. Wide rounded standards waved at inches long
the edges.
7.9 Benbow. $\because S$ and $\because F \cdot$ deep violet-blue; large blooms on tall, erect, well developed stems.
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.
Cecil Minturn. 24 inches. " $S$ " " and " $F$ " a uniform soft shade of cattleya-rose. A beautiful flower, dome shaped. with broad ruffed petals
Chasseur, 36 inches. This is no doubt the finest yellow Iris of Eurpoean origin. Very fine large flowers of deep yellow, becoming lighter with age.
8.6 Cluny. " S " soft lilac-blue; " F " a little darker. A
new, fre-flowering Pallida variety.. $1000, \$ 150.00$
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.
8.3 Corrida. 36 inches. " S " and " F " aniline-blue, a little darker than Celeste. Flowers of medium size; very free flowering and late
8.7 Crusader. ".S" light blue; "F" deep violet-blue,
8.3 Dejazh orange beard. Splendid color and form.... "F. reddish-violet, the whole beautifully blended. Large broad flower :. . . . . . . . . . . . 1000, $\$ 120.00$
8.5 Dream. 36 inches
ft clear pink. beautiful Iris of Pallida type. The large flowers are perfect in form and of great substance
Empress of India. A beautiful novelty with long and elegant flower stems bearing blooms of a
spendid violet-blue..............................
8.5 Grevin. Late. ${ }^{\circ} \mathrm{S}: \cdot$ violet with yellow shading;

Lady Byng. A beautiful ris with flow
ceptionally fine form and substh flowers of exceptionally fine form and substance. The color
throughout is a clear pale lavender with a slight suffusion of rose.
 waxy white. The falls are carried stiffly horizontal.
Does not multiply rapidly.......1,000, $\$ 120.00$ Does not multiply rapidly..... campanula violet; " F "." very large velvety royal purple. Brilliant gold beard. Massive in growth, stalk and flower. Always dependable.
9.1 Lord of June. " $S$ "' flappy lavender-blue; $: \because \% \cdot \because$ rich violet-blue. An exceedingly handsome Iris. Very
bold and vigorous habit. 1 Magnifica. Midseason.
ght violet-blue; 9.1 Magnifica. Midseason. $\quad$. S dark reddish-purple. A fine strong violant with branching stems. Flowers extraordinarily large, 6 inches long and sweet-scented. growing kind
 smoky claret color. Very unusual effect, large
8.7 Mile. Schwartz. 48 inches. Lovely pale mauve flowers of exceptionally large size, borne on very tall, branching stems
 Mother Mother of Pearl. 48 inches. A pale bluish lavender fower of exceptional substance and a lusin growth and free flowering.......................... in growth and free flowering, Walter Brewster. ans. Walter Brewster. bline-blue. Often six looms at the same time.
and 8.1 Neptune. 38 inches. " S " bright pale blue; " $F$ rich dark purple. Flowers very large, borne on tall, branching stems; very choice. Midseason.
8.7 Opera. Early .... velvety purple-lilac. Beard yellow. 1000 , $\$ 150.00$ base: ${ }^{\circ} \mathrm{F}$ " 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.
9.1 Queen Caterina. Pale lavender-violet, with orange beard; white haft, veined with bronze. A strong grower and hardy where Caterina fails
8.1 Raffet. Flowers uniform dark blue, the falls being striped at base with white; beard yellow. A fine

8.7 Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises and the first of Pallida growth. Midseason.
9.3 Souv. de Mme. Gaudichau. "S' Bradley's violet ' F ' ${ }^{\text {b }}$ brilliant black-purple. A wonderful color and splendid flower and plant. Millet's best variety..
8.5 Sweet Lavender. 36 inches. tal. A lovely lris with fine fragrance............
Each $10 \quad 100$
$0.30 \quad \$ 2.50$
$\begin{array}{lll}.60 & 5.00 & \$ 40.00\end{array}$

| .75 | 6.00 | 50.00 |
| :---: | :---: | :---: |
| .75 | 6.00 | 50.00 |
|  |  |  |
| .75 | 5,00 | $\ldots$ |
| .30 | 2.50 | 20.00 |
|  |  |  |
| 2.00 | $\ldots$ | $\ldots$ |
| .30 | 2.50 | 20.00 |
| .25 | 2.00 | 10.00 |
| .50 | 3.50 | $\ldots$ |
| .50 | 4.00 | $\ldots$ |
| . | 2.50 | 15.00 |
| .75 | 6.50 | $\ldots$ |
| .50 | 4.00 | 25.00 |
| .50 | 3.50 | 25.00 |
| 1.50 | 12.00 | $\ldots$ |
| $\ldots$ | 2.50 | 15.00 |
|  |  |  |

.75
$\begin{array}{lll}.50 & 4.00 & 35.00\end{array}$

| .75 | 6.00 | $\ldots$ |
| :---: | :---: | :---: |
| .50 | 4.00 | 30.00 |


| $\ldots .$. | 7.50 | $\ldots$ |
| :---: | :---: | :---: |
| .90 | 7.50 | 60.00 |
|  |  |  |
| .40 | 3.50 | 25.00 |
| $\ldots$ | 2.50 | 20.00 |

$\begin{array}{lll}.60 \quad 5.00 & 35.00\end{array}$
$\begin{array}{lll}.50 & 4.00 & 35.00\end{array}$
$\begin{array}{lll}.30 & 2.50 & 20.00\end{array}$
.756 .00
$1.00 \quad 9.00$

IRIS-Continued
The Inca. " S " clear deep saffron-yellow; " F " velvety dark plum-edged golden band through

 Trianon. Solions. Color delicate and new. A vigorous
fleth flections. Color delicate and new. A vigorous
grower and very floriferous........ $1000, \$ 140.00 \$ 0.35$grower and very foriferous. ......... $1000, \$ 140.00 \$ 0.35$ deep maroon with narrow yellow border; center shaded violet

| .50 | 4.00 | $\ldots$ |
| :---: | :---: | :---: |
| .75 | $\ldots$. | $\ldots$ | roon; " F " ${ }^{\text {dark olive-brown, edged violet. Large }}$ 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.

 7.1 Celeste. Beautiful. sky-blue, very fine. 1000, $\$ 35.00$ 7.4 Dr. Bernice. " S " coppery bronze; ${ }^{\circ} \mathrm{F}$ " , velvety
8.0 Fairy. Beautiful white with blue border and veins.
7.6 Florentina Älba. This is a good early white $\$ 35.00$

One of the tallest; flowers large and fragrant. 10.0

7.3 Niebelungen. ${ }^{\text {p }} \dot{S} \because$ fawn yellow; $\because \dot{F}: \cdot$ violet-purple
 8.8 Pallida Dalmatica. Exquisite lavender-blue..........................8.1 Parc De Neuilly. Deep violet-blue.
9.5 Princess Beatrice. Silvery lavender.
7.2 Princess Beatrice. Sictoria Louise. "S S . sulphur-yellow;





of grayish slate-blue witsnow-white without markings, finely formed, deli-cately sweet-scented, and a very vigorous grower.
MIXED................................... $1,000, \$ 15.00$

## VARIOUS IRIS

## SIBIRICA Orientalis. (Yale-blue,) A slender, grace-

 ful, tall-growing Iris, with deep. blue flowers..Geo. Wallace. (Azure-blue.) ' F ." marked white.
erry's Blue. A tall, beautiful variety and extra
fine for cutting. Large, well formed flowers of a fine for cutting. Large, well formed fowers of a
wonderful shade of sky-blue......1000, $\$ 350.00$ wonderful shade of sky-blue.

Cyanea. Rich royal-purple with black shading.

## JAPANESE IRIS (Kaempferi)

GOLD BOUND. White with gold banded center.



| .25 | 2.00 | 18.00 |
| :--- | :--- | :--- |
| .25 | 2.00 | $\ldots$ |
| .25 | 2.00 | 18.00 |
| .25 | 2.00 | 18.00 |
| .25 | 2.00 | 18.00 |
| .25 | 2.00 | $\ldots$. |
| .25 | 2.00 | 1.0 |
| .20 | 1.80 | 15.00 |

## 

WE have an exceptionally large stock of our own growing, Strictly true to divided roots, we can supply many of the following varieties in medium sized roots 4 to 6 eyes; and large sized roots 7 or more eyes. These sizes are more suitable for private customers.

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

## WHITE AND LIGHT SORTS

|  | Alsace-Lorraine. Creamy white; late. . . . . . . . $\$ 2.00$ | $\begin{gathered} 10 \\ \$ 17.50 \end{gathered}$ | 100 |
| :---: | :---: | :---: | :---: |
| 8.7 | Avalanche. Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason |  |  |
|  | . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1000, \$350.00 . 60 | 5.00 | \$40.00 |
|  | Baroness Schroeder. Rose type; late. White with shadings of flesh | 7.00 | 60.00 |
|  | Couronne d'Or. Snow-white, yellow reflex, very |  |  |
|  |  | 3.00 | 25.00 |
| 7.8 | Duc de Wellington. Very large, well-formed sulphur-white bloom, stems very firm and long; fragrant. . . . . . . . . . . . . . . . . . . . . . . . . . 1000, $\$ 180.00$ | 2.50 | 20.00 |
| 8.1 | Duchess de Nemours. (Calot.) Sulphur-white |  |  |
|  | with greenish reflex, cup-shape....... 1000, \$180.00 . 35 | 2.50 | 20.00 |
| 8.0 | Festiva. Large pure white with prominent red markings: rose type; midseason | 3.00 | 20.00 |
| 9.3 | Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals. | 2.50 | 20.00 |
| 9.1 | Frances Willard. Blush-white changing to pure white. | 17.50 |  |
| 8.1 | Grandiflora Nivea Plena. White with center tinted salmon and sulphur-yellow on first opening; |  |  |
| 9.8 |  | 4.00 |  |
| 9.1 | Lady A. Duff. Pale pink; midseason. . . . . . . . . . . 3.00 |  |  |
| 8.3 | La Rosiere. White with cream-white center; semidouble; midseason. | 5.00 | 40.00 |
| 7.5 | La Tulipe. Delicate blush-white, shading to ivorywhite with red tulip markings on the outside of guard petals; semi-rosetype; fragrant . . . . . . . . 1000, $\$ 200.00$ | 3.00 | 25.00 |
|  | LeCygne. Unquestionably the finest white...... 8.00 |  |  |
| 7.9 | Mad. Crousse. Large flowers of pure white; with center petals edged carmine. Free blooming; mid- |  |  |
| 7.9 | Madame de Verneville. Guard petals sulphurwhite, center delicate rose-white, one of the most desirable of the white Peonies for all purposes. June rose fragrance. ......................... 1000, $\$ 180.00$ | 2.50 | 20.00 |
| 8.9 | Mme. Emile Lemoine. As this flower opens it has the cream-and-blush tinting of an oriental pearl, exquisite and delicate. The blossoms are very large. Midseason. | 7.50 | 65.00 |
| 9.4 | Mad. Jules Dessert. White; midseason. . . . . . . . 2.50 |  |  |
| 8.5 | Marie Lemoine. Large, compact, pure white, cream-white center, carmine tips. Fragrant; late... . 50 | 4.00 | 30.00 |
| 8.3 | Mons. Dupont. Very large, cup-shaped flower; ivory-white; center petals splashed with carmine; fragrant; a strong grower; very tall; midseason..... . 50 | 4.50 | 35.00 |
| 8.8 | Nymphaea. Semi-double flowers of delicate creamy |  |  |
|  | white, Yellow stamens. . . . . . . . . . . . . . . . . . . . . . 3.50 |  |  |
| 8.9 | Pleas' Jubilee. lvory-white; midseason.......... 2.00 |  |  |
| 6.8 | Queen Victoria. The best white for general use. A <br> splendid keeper and shipper and for cold storage. <br> Bomb type: early .....................1000, \$180.00 | 2.25 | 20.00 |
| 9.7 | Solange. Deep cream, tinged with amber. Late.. 3.00 |  |  |
| 9.4 | Tourangelle. Pearl-white overlaid with delicate shades of salmon. |  |  |

## LIGHT AND DARK PINK AND ROSE

7.1 Alexander Dumas. 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........................ $1000, \$ 180.00$
7.3 Auguste Villaume. Compact blooms of deep
. 7 Violet-rose; tall; very late ............................... flex.
7.7 Dorchester. Creamy flesh-color, tinged with
pink .......................................000, $\$ 180.00$ silvery reflex- fragrant This variety is pink with silvery refiex; fragrant. This variety is usually in
bloom by Decoration Day.......... $1000, \$ 180.00$
7.5 Floral Treasure. Large full flower of clear pink. Early midseasnn
Fragrans. Bomb type, solferino-red with silvery reflex; strong grower and free-bloomer. Good cut-
flower variet y; late. . . . . . . . ............ $1000, \$ 180.00$
8.9 Georgiana Shaylor. Pabe rose-pink; midseason... with blooms of deep pink with a collar of creamy white petals, and in the center a pink tuft, edged carmine
7.9 Jeanne d'Ärc. Coilar, 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......
Kohinoor. Shell-pink, very free, splendid cutKohinoor. Shell-pink, very free, splendid cut-
flower; late midseason............. $1000, \$ 180.00$
6.0 Lady Leonora Bramweii. " Pale lilac rose; center flecked crimson: fragrant: early midseason.
9.0 La France. Soft appleblossom-pink; late midseason.
7.3 L'Indispensable. Large full blooms of clear shell
pink.................................................. 10 highest class. Rose-shape. Free. Vigorous bloomer
and very late. . .................................... 7.9 Mad. Ducel. Light rose, silver reflex. Resembles
Mons. Jules Elis.......................................

Light and Dark Pink and Rose-Cont'd.
7.7 Mad. Forel. Immense, compact, bell-shaped blooms, clear, deep rose; strong stems; very fragrant; ate........................................................ 40 \$ 3.50 \$25.00
8.4 Marguerite Gerard. Large, compact, semi-rose developing into a crown with stamens. Very pale hydrangea-pink, fading to nearly white ; late
Martha Bulloch. Soft rose-pink
Mary P King. . . . . . . . 6.00
 center; midseason.
7.8 Modeste Guerin. Large, compact flowers of rosepink bomb type; midseason
M. Jules Elie. The best pink

| .50 | 4.00 | 30.07 |
| :---: | :---: | :---: |
| .75 | 6.00 | 50.05 |
|  |  |  |
| .60 | 5.00 | 40.00 |
| 1.00 | 9.00 | 80.00 |
|  |  |  |
| 1.00 | 7.50 | 60.00 |

. Octavie Demay. Very large, flat crown, guards and center delicate hydrangea-pink; collar almost white. Very fragrant; very dwarf; midseason......
8.2 Pierre Duchartre. Rose type; late. Large, compact
flowers of a delicate flesh-pink; fragrant...........
President Taft. (Reine Hortense.) Delicate fuse bloomer; midseason $\quad . \quad 1000, \$ 550.00$
7.4 Princess Beatrice. Light violet-rose with crimson flecks; compact and large; free-bloomer; fragrant;
 8.8 Rosette. Deli


9.8 Therese. Violet-rose, changing to lilac-white; mid-
 hydrangea-pink, splashed with darker tints and with
3 Walter Faxon. Bright delicate rose................ 4.00
RED AND CRIMSON
7.8 Augustin d'Hour. Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight Silvery refiex..............................................
7.1 Delachei. Violet-crimson; large, compact flower semi-rose type. A good red peony ....................
Edwin Forrest. Attractive dark crimson ;
7.4 Edwin Forrest. Attractive dark crimson; late mid

8.4 Felix Crousse. Best red for florists.. $1000, \$ 350.00$
8.2
Grover Cleveland. Rich dark crimson; late.
Inspecteur Lavergne. Vivid crimson. Inspecteur Lavergne. Vivid crimson, rose type. Extremely vigorous grower; tall and free-
fowering, early.... Brilliant cherry-................................. season
. Medium size semi-................................
Louis Van Houtte. Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late........................000, $\$ 225.00$
Marechal Valliant (Grandiflora R ubra). Of immense size, light red, resembling the American Bense size, , Beauty rose; rose type; a strong grower; one of the
7 Mary Brand. Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delight-
7 Mons. Krelage. Dark solferino-red, with silvery


Officinalis Rubra Plena. This is the old-fashioned red, the most brilliant of all red peonies; early and 8 Richard Carvel. Very early, deep red. in blom with Edulis Superba. Fragrant. Ranks with Karl Rosenfield and M. Martin Cahuzac as the three best dark red peonies.

## JAPANESE-FLOWERED PEONIES

9.2 Amo-No-Sode. Bright-rose, shading lighter toward the edge of the petals; similar to Tamatbako.......
Distinction. A large flower with broad petals of Distinction. A large flower with broad petals of
very deep pink; center of narrow filamental petals of same color, irregularly streaked with golden lines. 3.50 Gold Mine. Petals deep rose; deep gold center... 2.00
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold
8.3 Snow Wheel. Waxy white.............................
Taikoon. Very large, gorgeous amaranth-rose, brilTaikoon. Very large, gorgeous amaranth-rose, bril-
8.0 Torpilleur. Guard petals lively purplish-carmine central filamentous petals of same tint but streaked
and tipped with yellow............................... 3.50 3.00

## SINGLE PEONIES

7.6 Clio. Pink petals and long golden pollen-bearing
stamens. .................................................. 75 $7.00 \quad 60.00$
UN-NAMED PEONIES-Divided Roots of from 2 to 5 Eyes
Double Pink
Double Red.
Double White
Eac
$\$ 0.2$

## FEONIES IN CASE LOTS

ders ye have sold specially packed cases. The roots are youn and each has 2 to 5 eyes. These cases contain 75 double white, 75 double pink and 50 double red, each color separate- 200 roots in all.

a silent salesman, irResistible

## The New Seed Business An Ideal Florists' Sideline

R
ECREATIONAL GARDENING, with interest in decorative planting dominant, is now influencing the demand for garden seeds.

Florists are the natural sources of advice and counsel to gardeners who wish to grow flowers; and they are the logical dealers in seeds for the use of which they can give correct instructions.

Sales of seeds by florists who have our commission boxes average higher than those of any other class of dealers; and we predict that this lead will increase, as more people come to think of florists as the natural source of good seeds.

## You Can Have Our Beautiful Seed Display; No Expense, No Investment And a Good Profit

Vaughan's Seed Store's patented poster rack is made this year in a new deisgn. Experience of three years has proved this new type of rack a complete success. It is made of heavy mat board of negligible weight, exactly like the advertising cut-outs which you use in window and counter displays. It is faced with brilliant colored designs as illustrated, the work of high class artists, printed in colors on enamel paper, and varnished. The colored flower and vegetable packets are inserted in pockets, so arranged that half of the packet is visible directly in the line of vision as the light rack stands on the countcr. No garden lover can resist the temptation to pick the packets from the rack; and once in her hand, the sale is easy.

## New Racks, New Seeds, and a New Sales Appeal

These beautiful racks with their brilliantly colored packets are bright, fresh and clean each season. And racks and packets unite in selling the rcal merchandisc of the seedsman, which is not seeds at all, but the things seeds grow into. The glorious colors and imaginative designs of this display sell the garden and its bounty; they visualize the dreams that bring seed customers into your store; they have a sales appeal that cannot fail.

This sced display is yours without investment and without expense. It comes by parcel post, as its weight is negligible. Only the unsold packets are returned to us, for credit to your account the racks are destroyed to bc replaced with new ones the next season. You get $40 \%$ commission on the packets you sell.

## Reserve Your Assortment for 1928

Our output for 1928 will be limited and orders are being taken rapidly. Send in a contract now to insure an assortment. Fill out this contract form and mail today. $\qquad$

Your Firm Name
VAUGHAN'S SEED STORE
Your Address
Commission Box Departmen
Drawer V., Chicago, Ill
Please forward, in due season, one assortment of garden and fower seeds for me to sell on commission for the season of 1928 . $19 \ldots$ 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
$\qquad$
$\square$


## Special Bowl

At Attractive

BEECAUSE of the saving to us in handling we are able are made up to provide a well-chosen variety of colo No. G. 3-36 Colored Satin Finish Glass Bowls
These bowls are specially shaped for bulbs and equally attractive for flowers, made of the best grade of flint glass, in a rich beautiful satin finish, in the following colors: Nile Green, Light Blue, Rich Deep Amber, and Black. Made up as follows: 15 $51 / 2$-in., $1561 / 2$-in., 69 -in. bowls of assorted colors. Price, $\$ 14.00$
Gravel, Fibre, Plain and Colored Pearl Chips
Bulb Fibre. Prepared for growing Bulbs in bowls, at $\$ 5.50,100 \mathrm{lbs}$.
Pearl Chips for growing Bulbs in bowls, at $\$ 3.50,100 \mathrm{lbs}$.
Pearl Chips. Colored. $\$ 5.50$ per 100 lbs .
Sea Shore Gravel at $\$ 2.50$ per 100 lbs .
Write us for prices on larger quantities.



## F. T. D. Woven Wire Gauze

6 -inch ( 40 -yd. pieces). Pricc, $91 / 2 \mathrm{c}$ yd. Your bowls delivered everywhere in good condition by wire. This decorative and most useful fabric is most adaptable for shipping work as bowls are easily adjustable to its original shape. We can supply

## Picot Edge Metaline Shower Ribbon

Width No. 2. Something new and very rich looking. Price per reel of 50 yds., $\$ 1.25 ; 10$-reel lots at $\$ 1.10$.
Picot Edge Silk Shower Ribbon, width No. 2. Price per reel of 50 yds ., $\$ 1.50$; in 10 -reel lots at $\$ 1.25$ per reel.


## Plain Metaline Shower Ribbon

Width No. 2. Pricc per reel of 50 yds., $\$ 1.00$; in 10 -recl lots, 90 c
The above numbers are suitable in making up Wedding Showers.
Metaline (6-inch)
3 -stripe edgcs ( $40-\mathrm{y}$ d. picces). Hghly lustrousadaptable for basket-work. Made in all shades. Prioc, $81 / 2 \mathrm{c} \mathrm{yd}$ Metaline 6-inch

## Shower Gauze Ribbon

Suitable for Plant Decorations, Bridal Sprays, etc.; white. No. 2, Picot edge, spool of 50 jards, $\$ 1.50$.

## Nu Idea Fibre

No. 5 Width, 1 inch. 50 yd . pieces.
Adaptable for tying up flower pots and making bows on basket-handles-also useful in trimming up corsagcs. This fibre ribbon does not split. Madc in the following colors: Whitc, Bluc, Pink, Nilc, Lcaf Grecn, Canary, Orange, Orchid, V'iolct, Purple, Red, Premier, Old Rose. Price, $\$ 1.25$ per pc.; box lot of 20 pcs, $\$ 1.10$ per pc.

## Ribbons

## Buy What You Want When Yo

Florists are learning that much of the buying of supplies. Overbuying is ofter requirements in advance. It is not necess Vaughan's Seed Store. Mail orders are fill


Width, White, Pir $91 / 2 \mathrm{c}$ per !


Valley Pat
Width, 6 inches ( 40 to 45 yd . picces). P basket-work. Colors: Whitc, Pink, Lave

Silk Fib
One inch wide in all colors. Per bolt
Bon-Ton 0
$500-\mathrm{yd}$. spools, all colors. $1 / 4$-inch widt


Nu Idea Fibre
R
Bon-Tor

## Assortments

## ative Savings

ralle to offer special prices on case assortments. These imors and sizes for your stock. Prices f.o.b. Chicago.

No. A. 3-36 F. L. Style Pottery Bulb Bowls
Made up as follows: 155 -in., 156 -in., 68 -in. bowls of assorted 6 colors including Matt Green, Blue Glaze and Jet Black.

For breakage in transit immediate claim should be filed with the railroad. Not responsible for breakage if shipped via parcel post.

Price, $\$ 11.00$


Win Finish

F. L. Style Pottery Bowl
F. L. Style Pottery Bowl


## and Chiffons

mou Want It, and Save Shelf Waste their profits may be thrown away by unwise siten the result of trying to estimate a season's massary to take this chance when you buy from afled promptly in exactly the quantities wanted.

## Dotted Chiffon

ith 6 inches ( 40 to 55 yd . pieces). Mrink, Lavender, and Purple. Price, quyard.


## Pattern Chiffon

a. Price, $91 / 2 \mathrm{c}$ yd. Greatly used in wedding and kbrender, Violet, Purple.

## kibre Ribbon

the of 50 yards, $\$ 1.35$.
on or Ribbonzene
mith spool, $\$ 1.25$; doz. spools, $\$ 1320$.

## Plain 3-Stripe French Chiffon Superior Quality

Made in widths: 4 -inch, $61 / 2 \mathrm{c}$ yard; 6 -inch, $71 / 2 \mathrm{c}$ yard. All shades. 40 to 45 yards to piece.

No. 1 Satin Baby Ribbon. Any color. Spool of 50 yards, 65c; per doz., $\$ 7.00$.

Keep your stock fresh by ordering more frequently in smaller amounts

## Satin Taffeta, All Silk

For Holly and Roping Wreaths, also for bows on basket-handles.
No. 16 Width, $21 / 4$ in........ $\$ 1.30$
No. 22 Width, $21 \frac{1}{2}$ in ........ 1.65
No. 40 Width, 3 in........ 1.90
No. 60 Width, $35 / 8$ in . ...... 2.10
No. 80 Width, 4 in........ 2.35
Above prices are per bolt of 10 yds .
Corsage Shields
Lacette's, all colors. Per doz., $\$ 2.00$; gross, $\$ 21.00$.


Corsage Pins, 4 -inch, assorted colors. Per gross, $\$ 2.00$.

## Pot Covers-Crepe Paper

For adjustment on pots; are without bottom. ..... 100
No. 1 - To cover 5 or 6 -in. pot. ..... $\$ 0.85$ \$ 5.50
No. 2-To cover 6 or 7 -in. pot. ..... $1.00 \quad 7.50$
No. 3-To cover 8 or 9 -in. pot ..... 9.00
No. 4 -To cover $10-\mathrm{in}$. pot ..... $1.50 \quad 11.00$


Silk Fibre Ribbon


Tye Shape

## Hyacinth Glasses

Tall American, in 4 distinct colors. $\$ 3.20$ per dozen; 3 dozen, $\$ 9.00$.
Tye Shape. These are preferred by some to the ordinary tall. Per dozen, $\$ 3.20 ; 3$ dozen for $\$ 9.00$.



## Wreath and Bouquet Materials

 much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb., $\$ 1.10 ; 10 \mathrm{lbs}$. at 95 c .

METALIC RUSCUS, Silver and Gold. $1 \mathrm{lb} . . \$ 1.50$; 5 lbs ., at $\$ 1.35 ; 10 \mathrm{lbs}$. at $\$ 1.25$
Write for prices in larger quantities. STATICE, for Basket and Wreath Work. $1 \mathrm{lb} ., \$ 1.25$; 10 lbs. . $\$ 10.00$. TIN FOIL. Price subject to change without notice. Terms cash
Florists' Foil. 5, 6 or 7 inch, $1 \mathrm{lb} . .25 \mathrm{c}$ : 10 lbs ., $\$ 2.00$; $25 \mathrm{lbs} ., \$ 4.50$ : 50 lbs. , \$8.50; 100 lbs., $\$ 16.00$.
Violet or Green Foil. Per 1b., 45 c ; 10 lbs., $\$ 3.80 ; 25 \mathrm{lbs} ., \$ 8.75$.

## Sphagnum Moss <br> Bright, Clean, New Growth, Free From Brush or Grass

The best grade of Sphagnum $M$ oss is being worked out in Wisconsin districts. Choice, dependable quality is worth more money than last year. W゙'e quote L. C. L. lots as follows: For carload lots write us.
BURLAPPED BALES. ( $45 \times 14 \times 16$ inches) F.O. B. Wisconsin points, 10 -bale lots, per bale, $\$ 1.10 ; 25$-bale lots, per bale, $\$ 1.00$. Write for prices on moss in large quantities, F.O.B. Woods.
BURLAPPED BALES. (Size as above) F.O.B. Chicago. Single bale. $\$ 1.50 ; 5$ bales, $\$ 7.00 ; 10$ bales $\$ 12.50$. Write for prices on larger quantities.

## VAUGHAN'S CLEAN SPHAGNUM FOR FLORISTS

## Burlapped Bales

New York prices 35 cents per bale higher. Cartage free.

SHEET MOSS, green, for ${ }^{W}$ indows, Baskets, etc. Per sack, \$2.25.

Above prices are subject to change without notice.

MAGNOLIA. Bronze, Green, Purple. Most popularleafever introduced for wreaths, etc. Adapted to all weather conditions. Price. any color, per carton, $\$ 1.65$; 6 at $\$ 1.60$ each. Red, per carton, \$2.10.


JAPANESE AIR PLANTS. Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15c; doz., \$1.20; 100, \$9.00.
LYCOPODIUM, Prepared. 10 lbs , to carton. Price, per carton, $\$ 2.85$; 3 cartons, $\$ 2.75$ 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., 35 c ; 10 lbs . $\$ 3.00$. Write for prices in case lots.

## CYCAS LEAVES.

Prices subject to change without notice

| Length | Doz. | 100 |
| :---: | :---: | :---: |
| 8 to 12 in . | \$0.60 | \$2.75 |
| 12 to 10 in . | . 70 | 3.00 |
| 16 to 20 in . | . 85 | 3.75 |
| 20 to 24 in . | . 95 | 4.50 |
| 24 to 28 in. | 1.00 | 5.00 |
| 28 to 32 in . | 1.15 | 6.00 |
| 32 to 36 in . | 1.35 | 7.00 |
| 36 to 40 in . | 1.50 | 8. 50 |
| 40 to $4+$ in. | 1.75 | 9.50 |
| 44 to 48 in. | 2.00 | 10.50 |

JAPANESE ROPING or FRIZZ, Red and Green. 00 -rd. Bolts. Per Bolt, 50 c ; doz., $\$ 4.80$. Write for prices in Bale lots.
wheat sheaves. The Kind That Hold Their Shape. Prices subject to change. For many years we have supplied the trade with High Grade Wheat Sheaves; emploving as we do a corps of experienced makers in this line, and using the choicest imported wheat enables us to turn out the Best Sheaf on the marker.


## Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS ASPARAGUS PLUMOSUS NANUS for Christmas and age Stock, we cannot entertain claims for allowances in case of damage
in transit, the stock being sold on a basis of actual value. in transit, the stock being sold on a basis of actual value

Plants are from $21 / 4$-inch pots unless otherwise noted.
Packing will be charged on all orders at cost.

|  | ASPIDISTRA-GREEN |  |  |
| :---: | :---: | :---: | :---: |
| 5-inch. | $\begin{aligned} & \text { Each } \\ & \$ 150 \end{aligned}$ | Dozen ..... | Per 100 |
| 6 -inch. | 200 | ...... |  |

## ASPARAGUS PLUMOSUS NANUS

| Size pots | We are headquarters for select stock. | Each | Dozen | Per 100 |
| :---: | :---: | :---: | :---: | :---: |
| Seedling. | . . . . . . . . . . . . . . . . . . . Per 1000, \$10.00 |  |  | \$ 150 |
| $21 / 2$-inch. |  |  | \$0 85 | 600 |
| 3 -inch. |  |  | 1 2 2 | $\begin{array}{ll}10 \\ 18 \\ 18 & 00\end{array}$ |
| 4 -inch |  |  | 250 | 1800 |
| ASPARAGUS SPRENGERI |  |  |  |  |
|  |  | Each | Dozen | Per 100 |
| 3-inch. |  |  | \$1 25 | \$8800 |

## BEGONIA

Alba Picta. Strong growing variety with heavy leaves, spotted silver. Flower trusses bright rose color. $21 / 2$-inch.

Luminosa. Bright scarlet. $21 / 2$-inch.. 3-inch.
Maulata Aurea. Large glossy leaves beautifully blotched Creamy white flowers, delicate blush white on long stems. 4-inch. .
Ricinifolia. Large glossy green leaves. Flowers delicate blush white on long stems. 4 -inch

## BOUGAINVILLEA

Crimson Lake. The flowers are like all other Bougainvillias, perhaps a trifle larger, but in coloring none compare with it in richness and brilliancy. On first opening a brilliant-lake, retaining this color for three or four weeks after which they gradually pass to a crimson-carmine. 5 -inch, each, 75 c ; 6-inch, each, $\$ 1.50$; 8 -inch, each, \$2.25.

CALADIUMS-Vaughan's Special Fancy-Leaved
Dry Bulbs. Named sorts. 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.

Dormant Bulbs for January and February delivery. Separate colors, doz., $\$ 2.50 ; 100, \$ 17.50 ; 1000$, $\$ 160.00$. Mixed colors, doz., $\$ 2.00$; $100, \$ 14.00 ; 1000, \$ 135.00$. Choice and rare varieties named, doz., $\$ 3.50$; per $100, \$ 22.50$.

Dozen Per 100
$\$ 150$
$\$ 10$
00 \$150 \$10 00 $\begin{array}{rr}\text { Each } & \text { Dozen } \\ \$ 075 & \$ 500\end{array}$ $\begin{array}{rrr}\$ 0 & 75 & \$ 5 \\ 1 & 00 & 150 \\ & 50\end{array}$ Dozen Per 100 $\$ 250 \quad \$ 1500$ $250 \quad 1500$

FANCY-LEA VED CALADIUM


Prices are F. O. B. Where we ship by where we ship by American Railway
Express and C. S. \& Express

We assumeno transportation risks after shipping in good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars once.
Soft plants are not shipped to distant points by freight.

Billing- 3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.

On plants in bloom


## DRACAENAS

| Indivisa, 2-inch. 3-inch. |  | Each | Per 100 |
| :---: | :---: | :---: | :---: |
|  |  |  | \$ 600 10 |
| Fragrans, 4-inch |  | \$0 75 |  |
|  |  | 100 |  |
| 6-inch........................................... 150 |  |  |  |
|  |  |  |  |
| center of the leaf. 4 -inch5 -inch... . . . . . . . . . . |  | 85 |  |
|  |  | 125 |  |
| 6 -inch |  | 175 |  |
|  | FICUS ELASTICA |  |  |
| 4-inch. |  | 50 | 4500 |
| 5-inch. |  | 75 | 7000 |
| 6 -inch. |  | 125 |  |

## FUCHSIA

Black Prince. A bright, waxy carmine; tube and petals large and broad with
pale green tips; open pale pink corolla.
Mrs. E. G. Hill. Compact grower making a nice shapely plant; sepals bright crimson, white corolla, double.
Speciosa. Flowers single with pale carmine senals and deep scarlet corolla
Trailing Queen. A lovely drooping habit; large fowers of rosy-scarlet and violet-purple color.
Price, $21 / 2$-inch, $100, \$ 6.00$.

## GERANIUMS

Abbia Schaffer. Bright crimson, $21 / 2$-inch Alphonse Riccard. Large brilliant scarlet trusses. $211 / 2$-inch. Beaute Poitevine. Best Salmon. $21 / 2$-inch.
La Favorite. Grand double white. $21 / 2$-inch
Mad Barney. A splendid bedding variety, double flowers Red Mad Barney. A cleare
crimson depths of S. A. Nutt more brilliant red than the the familiar scarlets of Nutt, with more fire and blood than the familiar scarlets of the past. An incessant, extravagant
bloomer. Sun-resisting. $21 / 2$-inch........................... HELIOTROPE Centefleur. Best dark variety. $21 / 4-$ inch.

## HYDRANGEAS FOR FORCING

Strong stock ready in November and December. All pot-grown plants Of all the plants for Easter and Spring flowering this one is probably the most popular and important. The following varieties are suitable for Florists use.


## ORNAMENTAL POMEGRANATE

## A New Christmas Plant

Dwarf growing with bright scarlet double flowers. Pot into four-inch an 1 place in cold frame in the full rays of the sun as soon as all danger of frost is over, keeping them pinched to make bushy plants. If they get well established in four-inch they can be shifted in five-inch about the middle of July. Care should be taken not to over-pot them as they should be well rooted through to get in bloom. Take in latter part of August and place in temperature of 60 to 65 degrees. They should be pinched back for the last time about the middle of Sentember to give full crop for December.

Plant ready May 1.
21/1-inch
Each $\begin{gathered}\text { Doz. } \\ \$ 125\end{gathered} \quad \$ 80001000$
4-inch.

## PALMS

Phoenix Roebeleni. 7 -in.; 16 to 18 -in. high, 20 to 24 -in. spread. Each, $\$ 3.50$ PANDANUS VEITCHII


PELARGONIUM-Easter Greeting Ready Sept. 1st
 SANSEVIERA ZEYLANICA
$\qquad$
$21 / 2$-inch $\$ 1500$
2000

## Vaughan's Cannas <br> Dormant roots ready for delivery October 15 th.

This short collection comprises the best obtainable leading new Cannas of real merit in both size of flower and clearness of color.
Yellow King Humbert ${ }^{4} \mathrm{ft}$. An orchid-flowering sport of the 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 $31 / 2$ 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.
$100, \$ 5.00 ; 1000, \$ 45.00$.
King Humbert 4 feet. Scarlet fowers, bronze leaves, greatest 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.
$100, \$ 5.00 ; 1000, \$ 45.00$.
Hungaria $31 / 2$ feet. The Best Pink Canna. Very compact, almost dwarf, urns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals. Color, purest La France pink, with satin sheen. $100, \$ 15.00 ; 1000, \$ 135.00$.
The President 4 feet. In color a rich glowing scarlet $100 \quad 1000$ inches across when fully open, produced on strong erect stalks well above the large green foliage. Free bloomer and strong grower.
$\begin{array}{llll}5 & 00 & \$ 45 & 00\end{array}$
Ambassador. $31 / 2$ 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 $21 / 2$ inches across. Plant is very vigorous...........................
Apricot. 4 ft . The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot
City of Portland. $31 / 2 \mathrm{ft}$. 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
$1500 \quad 13500$
King Midas. 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 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Maros. 4 feet. Full trusses of lar
petals. Color nearly pure white.
$700 \quad 6000$

Mohawk. 5 feet. Bronze foliage. Flowers large, of a brilliant poppy-red, toning to carmine with full clean flower spikes . .
Mrs. Alfred L. Conard. 4 ft . Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green foliage..
Nokomis. 5 feet. Bronze foliage. Large vivid crimson flowers with a rich silky sheen on the large petals
Rosea Gigantea. 3 to 4 ft . A magnificent showry Canna of a rose or carmine-pink shade; flower heads of immense size....
Statue of Liberty. 6 to 7 ft . Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large.
Chas. Henderson. 4 ft . Crimson flowers. Good bedder. Roots winter well
Crimson Bedder. $31 / 2 \mathrm{ft}$. Intense crimson of good quality. An excellent bedder
David Harum. 31/2 ft. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen...
Florence Vaughan. 5 ft . The most famous yellow Canna. Introduced by us in 1892, it stil! remains indispensable in its class.
$300 \quad 2700$



## THE PRESIDENT

Gladiator. $41 / 2 \mathrm{ft}$. Color is a bright yellow spotted with $100 \quad 1000$ crimson, a robust grower
Indiana. 6 ft . Orchid-flowered variety, with rich golden orange flowers often seven inches across.
$300 \quad 2700$
Louisiana. 6 ft . Verylarge, beautiful vivid scarlet orchid-like flowers, often measuring 5 to 6 in . across. Foliage a glossy green. .
$300 \quad 2500$
Queen Charlotte. 4 ft . Rich orange-scarlet with a broad gilt
edge........................................................ 300 . 2500
Shenandoah. 4 ft . Bronze foliage. Flowers salmon-pink, borne

Souv. De A. Crozy. 4 ft. Crimson with yellow border...... 3002500
Venus. $31 / 2 \mathrm{ft}$. Rosy-pink, mottled creamy yellow border. Doz., 50c
$400 \quad 3000$
Wintzers Colossal. 5 ft . Green foliage. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses..
$500 \quad 4500$
Wyoming. Bronze foliage. Flowers a beautiful shade of orange...

## PRIMULAS-Primroses

Obconica. Grown from our own seed. 21/4-inch up to Sept. 15. Doz. 100 4-inch. Ready in November and December..................... 350 . 2500

## SOLANUM

Cleveland. (New.) Heavily berried plants with large, round Doz. 100 berries carried well above foliage. 4-inch..................... \$3 50 . $\$ 2500$ 5-inch.....................
Pepper Celestial. 4 -inch.

Each, 25c 250
5-inch
Each, 35c 350

## Ferns

## VAUGHAN'S BOSTON

We grow our Bostons bushy and well furnished from the pot up. They are, potgrown and are worth double the long-drawn, bench-lifted stock. Our customers are "repeaters" on these.

| - | 100 |
| :---: | :---: |
| 4-inch. | \$30 00 |
| 5 -inch. | 6000 |
| 6 -inch. | 8500 |

## POINSETTIAS

Hollywood. Oak leaf. True Christmas Red. Ready for delivery December 10 to 20.

| Size | Plants |  | Size | Plants |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Pots | in each | Price | Pans | in each | Price |
| $5-\mathrm{in}$. | 3 | \$ 75 | 8-in. |  | \$200 |
| 6 -in. |  | 100 | $10-\mathrm{in}$. | 6 | \$4 00 |

# Hardy Perennial Plants 

## All Perennials Are Furnished in Strong Pot Plants or Divided Field Clumps. Not less than 25 sold at the hundred rates.



PHYSALIS Francheti. Bright orange-scarlet lantern-like fruit which when cut, will last a winter.
when cut, will ast a winter.............................................. a long time when cut. $20-\mathrm{in}$. July-October
POLEMONIUM (Jacob's Ladder)-Reptens. 8 to 10 in. April-June. Dwarf bushy plant of graceful growth. Showy blue flowers. Rock garden and fine border plant
PRIMULA Japonica ..... 1000
Reingold. Orange and yellow ..... 1000
flower. Golden yellow
Golden Glow. Yellow ..... $\begin{array}{ll}10 & 00 \\ 10 & 00\end{array}$ ..... 1000
1000
SALVIA Pitcheri ..... 1500
SEDUM Acre. Bright yellow ..... 1000
SPIRAEA Filipendula ..... 1000
STATICE Latifolia. Deep lavender-blue ..... 1000
TARRAGON Artemisia Dracunculus ..... 1000
THALICTRUM Adiantifolium. (Meadow Rue.) ..... 1000
Flavum. Yellow variety ..... 1200Glaucum.. Bronze-yellow flowers
TRITOMA Pfitzerei1200
TROLLIUS Europaeus Labebouri. Large orange-yellow flowers ..... 1000
VALERIANA Officinalis ..... 1500
VERONICA Spicata ..... 1000
Alba. Pure White. ..... 1000
Rupestris. A fine r
bright blue flowers ..... 1000
VIola Jersey Gem. ..... 1200
YUCCA Filamentosa. Adam's Needle, 2-year ..... 1000 ..... 1000
3-year
3-year

## HARDY PHLOX

Baron von Dedem. Brilliant orange-scarlet with immense trusses and individual flowers
Bridesmaid. Pure white with large crimson-carmine eye ..... 1200
Eclaireur. Brilliant magenta with large lighter halo. ..... 600
Elizabeth Campbell. Bright salmon-pink ..... 1800
Europe. White, distinct carmine eye, large flower ..... 1800
Frau Anton Buchner. Pure white; enormous ..... 600
Hindenburg. Crimson-red with darker eye ..... 2500
Jules Sandeau. Dwarf; large-flowering; pure pink ..... 1800
La Vague. Pure mauve with aniline red eye. ..... 600
Mad. Paul Dutrie. Soft lavender pink. ..... 1000
Miss Lassburg. Extra fine pure white. ..... 1000
Miss Lingard. (Suffruticosa.) Pure white; the earliest of all. ..... 1000
Mrs. Jenkins A very good white ..... 600
Mrs. Milly Von Hoboken (new). Pure soft pink without eye, large flower on long erect stems.
Prof. Virchow. Bright carmine overland with bright orange-scarlet . . ..... 1500
Rheinlander. Salmon-pink, claret-red eye. Of unusual size. ..... 1500
Riverton Jewel. A lovely mauve-rose illuminated by a brilliant carmine- red eye. ..... 1500
Rhynstrom. (T 2) Beautiful rosy pink color not unlike that of Paul Neyron rose. A good strong grower ..... 1500
R. P. Struthers. (T 2) Rosy carmine with claret eye. Very bright ..... 1500
Sieboldt. Orange-scarlet with crimson center ..... 1000
Thor. Deep salmon-pink ..... 1500
Von Hockberg. Brilliant amaranth purple ..... 1500
Wanadis. Lilac with violet-red eye.. ..... 800
Dwarf and Alpine Phlox
Divaricata C1000
Divaricata Schneekuppe. Same as above variety except color which is a pure white
Subulata Alba.
1000
Subulata Rosea. Rose-pink ..... 1000

## Coffeyville, Kansas, Ma:ch 5, 1927.

Vaughan's Seed Store, Chicago.
Sirs -
Every day when I look at our batch of Lilies, Harrissi, Gigs and Sinensis, I just find it hard to realize that they are not artificial. Every plant seems to be just the same height; every leaf is so perfect and the buds just swelling and ready to pop outeach one labeled April 17. I have never had such a batch of lilies, and feel you should know it.

Yours truly,
W. G. COUPLAND, Member F. T. D.

# Vaughan's Forcing Roses Grown 

 Specially to Force2-Year Dormant Plants

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

Prises are for lots of 100 or more of one variety or mixed.

## Polyantha Roses

Chatillon. Silvery Crimson shading to a flushed white in the center. Large sprays of semi-double white in the center. $13 / 4$ inches in diameter. 40 C Each.
Crimson Baby Rambler. An old favorite and still good. The crimson flowers are borne in clusters
of 30 or 40 in a background of dark, glossy 35 C fol:age. Each
Ellen Poulsen. A new and very choice dark Ellen Poulsen. A new and very choice dark
brilliant pink. New, but reliable and a 40 C
winner. Each....................................... winner. Each
Erna Teschendorf. One of the best red polyanthas Brilliant rosey-crimson with flowers and 35C clusters of good size. Each
Ideal. The flowers are clear brilliant scarlet with the trusses beautifully arranged. The plant is shapely with the glossy leaves closely red 40 C Each.
Orleans. The flowers are a beautiful combination of brilliant geranium-red, suffused rose, and deep are loosely and beautifully arranged and of 35 C wonderful keeping quality. Each.
Red Orleans. Deep rose-red with just a fleck of 35 c
white at the center. Each. ..................
White Baby. Pure white, perfectly double and 35 c
very free. The best white to torce. Each...

## Hybrid Teas for Forcing

Briarcliff. A sport of Columbia, retaining all of its good points and none of the bad. A richer color a longer bud. and a stronger grower. Its greatest advantage over Columbia is the fact that 45 C every bud is perfect. Each
Columbia. The old standard true glowing pink. 40 C
A strong grower and a good forcer. Each.... A strong grower and a good forcer. Each.... crimson red rose of intense depth and richness. With its reddish green stems and for
one of the showiest of roses. Each
Madame Butterfly. A symphony of bright pink. apricot and gold with the buds a rich Indian red yellow at the base. An easy and reliable 40C
variety to force. Each.................... 40

Souv de Claudus Pernet. The strongest and best yellow rose ever introduced. The bud is long and pointed and the $f$ ower is full and $d \geqslant \geqslant 3$ with elongated petals. The color dxes not fade 45 C upon exposure. Each
White Killarney. The best white Hybrid tea 40 C to force.

## Climbing Roses

Climbing American Beauty. Deep rosey crimson flowers prodaced freely. A strong. vigorous 35c grower and a great favorite. Each
Dorothy Perkins. Beautiful shell pink. Unquestionably the thriftiest and most practical of 35c the older pink climbers. Each
Dr. Van Fleet. The buds are a delicate flesh white which open into large shapely flowers. A strong grower with flowers as large as the Tea Roses. 35C Each.
Eugene Jacquet. A new fragrant climber with cherry-red flowers born profusely in large well 35 C shaped clusters. Each.
Excelsa. One of the strongest growing climbers. A radiant deep crimsons-carlet Dorothy 45 c Perkins. Each
Flower of Fairfield. A more lasting and more brilliant Crimson Rambler. Its blooming season is considerably extended and it is much darker 35 C in color. Each.

## Hybrid Perpetuals

Los Angeles. A flame pink toning through coral to translucent gold at the base of the petals. 40 C
One of the finest. Each. .....................
Templar. A clear unblemished red that does 45 C
not fade or become purple when old. Each.. Wm. F. Dreer. That soft, silvery, shell pink color with a golden illusion often found in water lilies and orchids. It forces easily and is reliable. 40 c


## Hybrid Perpetuals

2-year field grown; ready after November 1 st. ${ }^{2}$ Frau Karl Druschke. Pure white.
Gen. Jacquieminot. Bright crimson
Geo. Arends. Clear pink
Gruss an Teplitz. Scarlet-crimson.
Magna Charta. Deep pink
Mrs. John Laing. Bright pink
Paul Neyron. Deep rose
Ulrich Brunner. Cherry-crimson

## No. 1 and No. 2 Grade Roses

We also have a No. 1 and No. 2 grade of dormant two-year-old plants for those who can use lighter stock. These are fine plants but not equal $t$, our forcing grade and are not recommended for such use. Send us your list and we will quote you the best possible quality price.

## 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 comOur Nursery is located at Western Springs, 15 miles west of Chicag, on the C. B. \& Q. R. R, two blocks south of 47 th Sireet, on the continuation of East Boulevard.
isitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usu
class of stock we send them.
Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits trees and
vines, at cost. Always give full and explicit shipping directions, as our respontrees, shrubs and plants shipped subject to customer assuming risk regardins 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.

Specimens. This term is applied to plants that are perfect in height and Specimens.

ACANTHOPANAX Pentaphyllum. 3 to 4 ft ......
ALMOND, Double Pink or Double White. 2 to 3 ft AMELANCHIER ROTUNDIFOLIA. 2 to 3 ft .
ARALIA Spinos
ARONIA Arbutifolia. 2 to 3 ft .
BERBERIS Thunbergii. 12 to 18 in.. bushy
18 to 24 in., bushy
2 to $21 / 2 \mathrm{ft}$.
Thunbergii Atropurpurea. 1 -year 2-year. 8 to 12 in.
Thunbergit to 18 in
2-year. 12 to 18 in
CALYCANTHUS Floridus. (Sweet Shruib) 18 to 24 in.. CARAGANA Arborescens. 2 in 3 ft . Per 1005, $\$ 100.00$ CEPHALANTHUS Occidentalis (Button Bush) 2 to 3 ft .

CHIONANTHUS Virzinica. 3 to 4 ft .
CLETHRA Alnifolia. 18 to 24 in

| Each | 10 | 100 |
| :--- | :--- | :--- |

CORNUS Elegantissima. 2 to $3 \mathrm{ft} .$. Mas (Gornelian Cherry). 3 to 4 if Paniculata. 3 to 4 ft .. Sibirica (Siberian Dogwood, 3 to 4 Stolonifera. 3 to 4 ft . Stolonifera. ${ }^{3}$ to 4 ft .................... Stolonifera Flaviramea. 2 to 3 ft ..
3 to 4 ft
COTONEASTER Acutifolia. 2 to 3 ft
Horizontalis. is to 24 in.
Simonsi. 18 to 24 in.....
CRAB, See Malus.
CRAB, See Malus.
Coccinea. 3 to 4 ft
Cordata. (Washington Hawthrn) 2 to 3 ft .
Oxyacantha. (English Hawthorn.) 3 to 4 ft ..
Oxyacantha Splendens. (Paul's Dbil. Scarlet Haw
th rn.) 3 to 4 ft .

| ORNAMENTAL AND FLOWERING SHRUBS-Con'd | Each | 10 | 100 |
| :---: | :---: | :---: | :---: |
| CYDONIA Japonica. 18 to 24 in | \$0.40 | \$3.00 | .... |
| DEUTZIA Gracilis. 15 to 18 in | . 40 | 3.50 |  |
| Pride of Rochester. 3 to 4 ft . | . 35 | 2.50 | \$20.00 |
| ELEAGNUS Angustifolia (Russian Olive). | . 40 | 3.50 |  |
| EUONYMUS Alata (Burning Bush). 2 to 3 | 1.00 | 8.50 |  |
| 3 to 4 |  | 4.00 |  |
| ropaea. | . 75 | 4.00 | 50.00 |
| 4 to 5 ft . FORSYTHIA Fortunei. 2 to 3 ft | . 30 | 2.50 | 20.00 |
| FORSYTHIA Fortunei. 2 to 3 ft Intermedia. 2 to 3 ft .. | . 30 | 2.50 | 15.00 150 |
| Intermedia. 3 to 4 ft ......... | . 40 | 3.00 | 20.00 |
| HYDRANGEA Arborescens Grandiflora. 2-year | . 50 | 4.00 | 30.00 |
| 3-year ......... difior | . 50 | 5.00 4.00 | 40.00 3000 |
| aniculata Grandiflora. 2-year | . 60 | 4.00 | 30.00 40.00 |
| 3-year.......................... | . 60 | 5.50 |  |
| KERRIA Japonica fl. pl. 18 to 24 in....................... LIGUSTRUM Amurense (Amoor Privet, North). | . 60 | 5.50 |  |
|  | . 35 | 2.50 | 15.00 |
| 3 to 4 ft ., extra bushy. . . . . . . . . . . . . . . 1000, $\$ 150.00$ | . 40 | 3.00 | 17.50 |
| Ibota. 2 to 3 ft ., extra bu | . 35 | 2.50 | 15.00 |
|  |  | 3.00 2.50 | 17.50 |
|  | . 35 | 2.50 |  |
| Vulgaris. 2 to 3 ft $3 \mathrm{to} 4 \mathrm{ft}. . . . .$. | . 35 | 3.00 | 17.50 |
| LILAC See Syr |  |  |  |
| LONICERA (Bush Honeysuckle). |  |  |  |
| Bella Albida. 3 to 4 ft | . 30 | 2.50 | 20.00 |
|  | . 30 | 2.50 | 20.00 |
| Morrowii. (Uprowii. (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 | 3.50 | 25.00 |
| Tatarica Rosea. 2 to 3 | . 35 | 2.50 | 15.00 |
| 3 to 4 ft . | . 35 | 3.00 | 25.00 |
| Tatarica R | . 40 | 3.50 | 25.00 |
| MALUS Atrosanguinea. 3 to | 1.00 |  |  |
| 4 to 5 ft . | 1.25 |  |  |
| Baccata. 3 | 1.00 | 7.50 |  |
| 4 to $5 \mathrm{ft..} 3.$. | 1.25 | 10.00 |  |
| Coronaria. | 1.00 | 7.50 |  |
| Floribunda | 1.25 | 10.00 |  |
| Floribunda. 3 to $4 \mathrm{ft......}$. | 1.00 | 7.50 |  |
| Floribunda Purpurea. 4 to | 1.50 | 12.00 |  |
| Ioensis Bechteli (Bechtel's Dbl. Flowering Crab). |  |  |  |
| 4 to 5 ft ... <br> 5 ft . specim | 1.75 |  |  |
| 5 ft . specim | 4.50 |  |  |
| Niedzwetzkyana. | 1.00 | 7.50 |  |
| 4 to 5 ft . | 1.25 | 10.00 |  |
| Single Pink. 4 to | 1.25 | 10.00 |  |
| 5 to 6 ft... | 1.50 | 12.00 |  |
| Spectabilis. 3 t | 1.00 | 7.50 |  |
| 4 to 5 ft . | 1.25 | 10.00 |  |
| MORUS Tatarica (Russian Mulberry). 3 to 4 | . 30 | 2.50 | 20.00 |
| 4 to 5 ft | . 40 | 3.00 | 25.00 |
| PHILADELPHUS Avalanche. (Syringa.) 2 to 3 | . 40 | 3.00 | 25.00 |
| Bouquet Blanc. 2 | . 50 | 3.50 | 35.00 |
| $3 \text { to } 4 \mathrm{ft} . . .$ | . 50 | 4.00 |  |
| Coronarius. | . 35 | 3.00 | 20.00 |
| 4 to 5 ft . | . 40 | 3.50 | 25.00 |
| Coronarius Aureus. Golden. 18 to 24 | . 50 | 4.50 | 40.00 |
| Dame Blanche. 2 to 3 ft | . 60 | 5.00 |  |
| Grandiflorus. 3 to 4 ft.................. 1000, \$180.00 | . 40 | 3.00 | 20.00 |
| 4 to 5 ft . | . 50 | 4.00 | 30.00 |
| Lemoinei Erectus. 2 to 3 ft | . 40 | 3.00 | 25.00 |
| Manteau d'Hermine. 18 to | . 50 | 4.00 |  |
| Mont Blanc. 2 to | . 50 | 4.00 |  |
| Nivalis. 4 to 5 ft . | . 50 | 4.00 | 30.00 |
| Virginal. 2 to 3 f | . 65 | 5.00 | 40.00 |
| 3 to 4 ft .. | 1.00 | 7.50 |  |
| 3 to 4 ft. specimens............................ | 1.50 |  |  |
| PHYSOCARPUS Opulifolius (Common Ninebark) |  |  |  |
| 3 to $4 \mathrm{ft} . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .$. | . 40 | 3.50 | 25.00 |
| 4 to 5 ft | . 50 | 4.00 | 30.00 |
| Opulifolius Aureus (Goldenleaf Ninebark). 3 to 4 ft . | . 40 | 3.50 | 25.00 |
| PRUNUS Pissardi (Purple-leaved Plum). 3 to | . 70 | 6.00 |  |
| Triloba. 3 to 4 ft . (Tree form.) | . 75 | 6.50 |  |
| 3 to 4 ft . specimens | 1.50 |  |  |
| 4 to 5 ft . specimens. | 3.50 |  |  |
| Virginiana (Common Choke-cherry). 4 to 5 | . 50 | 4.00 |  |
| RHAMNUS Cathartica (Buck Thorn). 3 to 4 | . 30 |  |  |
|  | . 35 | 2.50 | 20.00 |
| Frangula. 3 to 4 ft............ | . 40 | 3.00 | 20.00 |
| RHODOTYPOS Kerrioides. 2 to 3 ft | . 50 | 4.00 | 35.00 |
| RHUS ${ }^{3}$ to 4 flabra. 3 to 4 | . 60 | 5.00 | 45.00 |
| RHUS Glabra. 3 to 4 | . 50 | 3.00 4.00 | 20.00 30.00 |
| Glabra Laciniata. is to 24.10 | . 40 | 3.50 |  |
| Typhina Laciniata (Cut-leaved). 3 to 4 | . 40 | 3.00 | 20.00 |
| 4 to 5 ft ....... ........................... | . 50 | 3.50 | 25.00 |
| ROSA Hugonis. 2 -yea | . 75 | 6.50 | 60.00 |
| 4-year specimen... | 1.50 |  |  |
| Rubiginosa (Sweet Briar). 2-year. | . 30 | 2.50 |  |
| Rubrifolia (Redleaf Rose). 2-year | . 35 | 2.50 |  |
| Setigera. ${ }^{\text {3-year......... }}$ | . 35 | 3.00 | 25.00 |
| Rugosa C. F. Meyer. ${ }_{\text {R }}$ 2-year | . 60 | 5.00 |  |
| Rugosa Covin Tree. ${ }_{\text {4-year }}$ 2-year | . 60 | 5.00 |  |
|  | 1.00 | 4.00 |  |
| $\underset{\text { Rugosa F. J. Grootendorst. }{ }^{\text {3-year }} \text {. }{ }^{\text {a }} \text { - year }}{ }$ | . 50 | 4.00 | 35.00 |
| 3-year Rugosa Rubra. | . 60 | 5.00 3.00 | 40.00 20.00 |
| Rugosa ${ }^{\text {3-year }}$........... | . 40 | 3.50 | 25.00 |
| Wichuriana (Memorial Rose) 2-year | . 35 | 3.00 |  |
| SALIX (Willow) Babylonica. 5 to 6 ft . bush | . 50 | 4.50 | 40.00 |
| Britzensis. 5 to 6 ft. | . 50 | 4.00 | 35.00 |
| Discolor (Pussy Willow). 3 to 4 ft . bush. 000 | . 25 | 2.00 | 15.00 |
| 4 to 5 ft . bush. . . . . . . . . . . . . . . . . . . . 10000.175 .00 | . 35 | 3.00 | 20.00 |
| 5 to 6 ft. bush.. $7 . . . .$. | . 40 | 3.50 | 25.00 |
| Laurifolia. 4 to 5 ft . bus 5 to 6 ft . bush. | . 50 | 3.00 4.00 | 25.00 35.00 |

SAMBUCUS Canadensis. 3 to 4 ft . .
Nigra. 3 to 4 ft ft
Nigra Aurea. 3 to 4 ft
Pubens. 3 to 4 ft
Racemosa. 3 to 4 ft
SORBARIA Sorbifolia (UUral False Spiraea) 3 to 4 ft
SPIRAEA Anthony Waterer, 12 to 18 in
18 to 24 in.
Arguta Multiflora. 3 to 4 ft .
Billardii. 3 to 4 ft .
Froebeli. is to 24 in.
Japonica Ovalifolia (White Japanese S.................. 24 in
Latifolia. 3 to 4 ft .
Prunifolia fl. pl. 3 to 4 ft .
Thunbergii. 18 to 24 in.
Van Houttei (Bridal Wreath). 2 to 3 ft., bushy
SYMPHORICARPOS (Snowberry). Mollis. 2 to 3 ft bushy ...........
3 to 4 ft. bushy
Racemosus. 2 to 3 ft., bushy
Vulo 4 ft . bushy
Vulgaris (Indian Currant). 2 to 3 ft
SYRINGA (lilac). Charles X. 2 to 3 ft
Charles Jolly. is to 24 in.
Hugo Koster. 18 to 24 in
Japonica. 2 to 3 ft
Josikaea. 3 to 4 ft .

Mad. Lem.
3 to $4 \mathrm{ft} . . . . . . . . .3$ Graye. 2 to 3 ft
Marie Le
Marie Le Graye. 2 to 3 ft
Michael Buchner. 2 to 3 ft
Persian Purple. 2 to 3 ft .
3 to 4 ft .
4 to 5 ft . specimens
President Grevy. 2 to 3 ft.
Vulgaris Purpurea. 2 to 3 ft
NEW AND RAREOLILAOBCS.
Emile Gentil, Jean Mace, Marechal Lannes, 18 to ean Mace. 2 to 3 ft.
Jean Mace. ${ }^{2}$ to 3 ft. .............
Berryer, Buffton, Claude Bernard, Deschartes, Louvois, 18 to 24 in.
TAMARIX Amurensis. 4 to 5 ft
VIBURNUM Carlesi (Fragrant V) 12 to 15 in., $\mathfrak{B} . \dot{\&} \dot{B}$ 12 to 15 in ., not B .
Dentatum. 2 to 3 ft 3 to 4 ft .

| Lantana. 2 to 3 ft |
| :--- |
| Lentago. | 4 to 5 ft.

5 to 6 ft .
Opulus. 2 to 3 ft
Opulus Nanum. 8 to 10 in
Opulus Sterile. 2 to 3 ft
WEIGELIA Abel Carriere. 2 to 3 ft
Amabilis. 2 to 3 ft
EvaRathke. 2 to
Rosea. 2 to 3 ft .
Rosea. 2 to 3 ft
3 to.....

## WRITE FOR SPECIAL QUOTATIONS ON QUANTITIES

## Hardy Vines

AMPELOPSIS Engelmanii, 2-year
Heterophy11a. 3-year
Quinquefolia. (Woodbine.) 2 -year
Veitchii. (Boston Ivy.) 2-year. ........ $1,000, \$ 175.00$
 CELASTRUS Ärticulatus. ${ }^{\text {grafted }}$ - year.

Scandens. 2-year
 3-year. 2-year . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1,000,1$. $\$ 40.00$
CLEMATIS-Large Flowering
Henryi. Finest large single white. 2-year
Henryi. Finest large single white. 2-year ......
.70
.75
.70
EUONYMUS Radicans. 4-year, specimens, $\dot{B} \ddot{\&} \ddot{B}$
6-year, specimens, B \& B
Radicans Carrieri. 4 -year, specimens, $\ddot{B} \ddot{\&} \ddot{B}, ~$
Radicans Vegetus.
Radicans Vegetus. 3-year
6-year, specimen, balled and burlapped.................... 2.00
LONICERA-Honeysuckle.
Japonica Aurea Reticulata. 2-year................. . . . 50
Japonica Halliana. (Hall's Japanese.) 2 -year.
Wempervirens. (Scarlet Trumpet.). 3-year.
WISTAREIA Magnifica. 2-year.
15.00
20.00

$$
\begin{aligned}
& 10.00 \\
& 12.00 \\
& 70.00
\end{aligned}
$$.00

50.0050.00
$\mathbf{5 0 . 0 0}$
4. 50
4.00
3.00
3.50
4.00
4.5035.00
20.00
25.00

### 50.00

[^0]
## Ornamental and Shade Trees



## Evergreens

## JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper.)

 18 to 24 in . spread.24 to 30 in . spread.
30 to 36 in . spread
Chinensis Procumbens. 18 to 24 in. spread
Communis Depressa (Prostrate Juniper)
15 to 18 in. spread.
24 to 30 in. spread.
Sabina (Savin Juniper). 24 to 30 in.
Sabina Prostrata. 15 to 18 in. spread
18 to 24 in. spread
Sabina Tamariscifolia (Tamarix Juniper). 18 to 24 in. spread
Virginiana (RedCedar). 4 to $41 / 2 \mathrm{ft}$ $41 / 2$ to 5 ft
Virginiana Glauca (Silver Red Cedar). $21 / 2 \mathrm{ft}$. $3 \mathrm{ft} .$.
$3 \mathrm{t} / 2 \mathrm{ft}$
4 ft. 4 ft .
6 ft .
Virginiana Schotti (Schott Red Codar). $411 / 2$ ft
PICEA. (Black Hill Spruce). is to 24 in
Excelsa (Norway Spruce). 18 to 18 in 24
Pungens (Colorado Green Spruce). 2 ft $21 / 2 \mathrm{ft}$.
3 ft.
$3 \mathrm{ft} . .$. Glauca (Colorado Blue Spruce). 2 ft $21 / 2 \mathrm{ft}$
PINUS Montana Mughus (Mugho Pine). 18 to $2 \ddot{2}$ in
Nigra (Austrian Pine). 18 to 24 in
24 to 30 in $31 / 2$ to 3 ft
Ponderosa (western Yellow Pine). $21 / 2$ to 3 ft 3 to $31 / 2 \mathrm{ft}$.
$31 / 2$ to 4 ft .
Sylvestris (Scotch Pine). $i$ to $21 / 2 \mathrm{ft}$ $21 / 2$ to 3 ft .
TAXUS Cuspidata Nana (Dwarf Japanese Yew) 12 in 18 in
THUJA Occidentalis (American Arborvitae)
18 to 24 in
24 to 30 in .
$21 / 2$ to 3 ft
3 to $31 / 2 \mathrm{ft}$.
Occ. Compacta. 15 to 18 in
Occ. Globosa (Am. Globe Arborvitae). is to 24 in
Occ. Hoveyi (Hovey Arborvitae). 18 to 24 in
Occ. Rosenthali (Rosenthal Arborvitae). $21 / 2$
3 ft
ft
Occ. Pyramidalis (Am. Pyramidal Arborvitae).
Occ. Wareana (Ware Arborvitae). 18 to 24 in

Each

### 3.50 5.75

### 5.75 7.00

4.00
2.75
4.00
3.50
2.75
3.50 4.00
4.75 4.75
7.00 7.00 5.5
8.25
8.0
12.5 O-

Occ

## Fruit Trees

Since we grow these Fruit Trees mainly for our retail trade the quality is vastly superior to the stock ordinarily offered by Nurserymen, hence prices should not be compared to ordinary fruit tree stock. Our trees are just what the better class of retail customers require.

| APPLES |  |  |
| :---: | :---: | :---: |
| We offer the following selected varieties: | Each | - 10 |
| 4 to $5 \mathrm{ft} . .$. . . . . . . . . . . . . . |  | \$ 5.00 |
| 5 to 6 ft | . 90 | 7.50 |
| 6 to 7 ft | 1.25 | 10.0 |
| 7 to 8 ft . | 1.50 2.50 | $\underline{12.50}$ |

Autumn Strawberry. 4 to 5 ft ., 5 to
6 ft ., 6 to 7 ft .
Baldwin. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft ., 7 to 8 ft ., 8 to 10 ft .
Banana. 4 to 5 ft ., 5 to 6 ft .
Ben Davis. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft ., 7 to 8 ft ., 8 to 10 ft .
Delicious. 4 to 5 ft ., 5 to 6 ft .
Duchess of Oldenburg. 4 to 5 ft ., to 6 ft ., 6 to 7 ft .
Early Harvest. 8 to 10 ft .
Grimes' Golden. 4 to 5 ft ., 5 to 6 ft .,
onathan. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft .
Liveland Raspberry. 4 to 5 ft ., 5 to 6 ft .

McIntosh Red, 4 to 5 ft . 5 to 6 ft Northern Spy. 4 to 5 ft ., 5 to 6 ft .
Northwestern Greening. 4 to 5 ft ,
5 to 6 ft ., 6 to 7 ft ., 7 to 8 ft .
Red Astrachan. 4 to 5 ft ., 5 to 6 ft .
Red June. 4 to 5 ft .
Rome Beauty. 4 to 5 ft ., 5 to 6 ft .
Snow (Fameuse). 4 to 5 ft ., 5 to 6 ft . Stayman's Winesap. 4 to $5 \mathrm{ft} ., 5$ to 6 ft .
Tolman Sweet. 4 to 5 ft ., 5 to 6 ft
Wagener. 4 to 5 ft ., 5 to 6 ft .
Wealthy. 4 to 5 ft ., 5 to $6 \mathrm{ft} ., 6$ to 7 ft ., 7 to $8 \mathrm{ft} ., 8$ to 10 ft .
Winesap. 4 to 5 ft .
Yellow Transparent. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft .

Prices same as apples.
Prices same as apples.
Hyslop. 4 to 5 ft . 5 to 6 ft., 6 to
7 ft ., 7 to $8 \mathrm{ft} ., 8$ to 10 ft .



Anjou. 4 to $6 \mathrm{ft} ., 6$ to 7 ft .
Barlett. 4 to 6 ft .
Bosc. 4 to 6 ft .
Clapp's Favorite. 4 to 6 ft ., 6 to 7 $\mathrm{ft} ., 7$ to 8 ft ., 8 to 10 ft .
Duchess. 4 to 6 ft ., 6 to $7 \mathrm{ft} ., 7$ to 8 ft .

Flemish Beauty. 4 to $6 \mathrm{ft} ., 6$ to 7 ft ., 7 to 8 ft ., 8 to 10 ft .
Kieffer. 4 to 6 ft ., 6 to 7 ft ., 7 to 8 ft ., 8 to 10 ft .
Koonce. 4 to 6 ft ., 6 to 7 ft ., 8 to 10 ft .
Seckle. 4 to 6 ft .

PLUMS
Abundance. 4 to 6 ft ., 2-yr., 11-16 in. and up.
Burbank. 4 to 6 ft ., 2 -yr., $11-16 \mathrm{in}$. and up
Loring Prize. 4 to' 6 ft ., $11-16 \mathrm{in}$. and up.
Opata. 4 to 6 ft ., 11-16 in. and up
Underwood. 4 to 6 ft ., $11-16 \mathrm{in}$, and up.
Waneta. 4 to 6 ft ., 2 -yr., $11-16$ in. and up
6 to 7 ft ., $11 / 2 \mathrm{in}$. caliper.
8 to 10 ft ., $221 / 2 \mathrm{in}$. caliper

Transcendant. 4 to 5 ft ., 5 to 6 ft . 8 to 10 ft .
Whitney. 4 to 5 ft ., 7 to 8 ft .

## Small Fruits

Not Less than 25 at the 100 Rate GRAPES

| GRAPES |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 10 | 100 |  | 10 | 100 |
| Agawam (Red) 2-yr. . . . $\$ 2.50$ | \$15.00 | Delaware (Red) | yr . . . $\$ 3.00$ | \$20.00 |
|  | 20.00 | $3-\mathrm{yr}$. | 3.50 | 25.00 |
| Brighton (Red) 2-yr. . . 3.00 | 25.00 25.00 | Hubbard (Black | 2-yr.. 4.50 | 35.00 |
| Campbeil's Early (Biack) |  | Moore's Early | (Black) |  |
| 2-yr............... 3.00 | 20.00 | $2-\mathrm{yr}$ | 2.50 | 15.00 |
| C-yr.i......... 3.50 | 25.00 | $3-\mathrm{yr}$ | 3.00 | 20.00 |
| Caco (Red) $2-y r ~ . . . . . . ~$ $C a t a w b a ~$ Ced) 2-yr. 2.00 | 50.00 15.00 | Niagara (White) | 2-yr... 2.50 | 15.00 |
| Catawba (Red) 2-yr... 3.00 | 20.00 | $3-\mathrm{yr}$ | . 3.00 | 20.00 |
| Concord (Black) 2-yr... 2.00 | 15.00 | Worden (Purp | $2-\mathrm{yr} . .2 .50$ | 15.00 |
| 3-уг. ................ 2.50 | 20.00 | 3-yr..... | ..... 3.00 | 20.00 |

## RASPBERRIES

Erskine Park

| Erskine |  |  |
| :---: | :---: | :---: |
| Herbert | 10 | 100 |
| King | \$0.60 | \$5.00 |
| Plum Far |  |  |
| St. Regis, |  |  |
| Latham. | . 75 | 7.00 |
|  | . 75 | 7.00 |

BLACKBERRIES

Victory


## 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.


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.

## Florists' Wire Designs <br> Many other and odd designs can be made and supplied on short notice, but they are made entirely

 at the risk of the buyer as to correctness; we accept orders on no other basis.Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.



PACKING CHARGES 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 $1 \frac{1}{4}$ yds. long. Each, $\$ 2.35 ; 3$ for $\$ 6.75$. Postage, 25 c each, extra.
CAPE FLOWERS.
Lb.
Pure White. Extra fine quality
$\$ 1.50$
Colored. Bright shades . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.50
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. 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, 35 c .

## CUT-FLOWER BOXES

All sizes packed 100 covers per bundle and 100 bottoms per bundle.
F. O. B.

Chicagoonly. 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.


LETTERS AND FIGURES
IMMORTELLE LETTERING. Purple. Per 4-yard pkg. 95c; 6 pkgs. $\$ 5.00$.

## IMMORTELLE LETTERS AND FIGURES.

 $11 / 2$ or 2 inches in length, 5 c each; $100, \$ 4.50$. BOSTON FLORISTS'. Patent fasteners with each letter, $11 / 2$ 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, $41 / 2 \mathrm{c}$.

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 wordsin a package. Price, less than 100 words, 5 c 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. $11 / 4$-in. per 100, 75 c : per 1000, $\$ 4.00 ; 3 / 4$-in., per $100,60 \mathrm{c}$; per $1000, \$ 3.50$.
CHENILLE LETTERING. Silk-Purple, scarlet, pink, light blue, yellow and white, at 75 c per pkg. of 12 yds ; $\$ 7.50$ per doz. pkgs.
Worsted, Large-Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 45 c ; per gross, $\$ 4.50$.
Worsted, Medium-12 yds., 35 c ; doz., $\$ 3.75$. Worsted, Small-Same colors, 12 yards, 30c; gross, \$3.00.
Twisted Chenille, Large-Any color, 12 yds, 45 c ; gross, \$4.50.

## WOOD EASELS

Strong, well made, finished in white enamel.


## SUCTION <br> FLOWER <br> HOLDERS

Per Doz.

## 1 Itameter <br> 3 inch.

$\$ 3.00$
4 inch.
4.00
5.00

## CORSAGE bOXES. Pearl Gray.

 $5 \times 9 \times 6.30$ 10s. $\$ 3.90$ $51 / 2 \times 11 \times 8,45 \mathrm{lbs}$. 4.90 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.Doveshave 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., $\$ 25.00$.

5 inch.

VASE. Green Earthenware Cemetery. A strong and ornamental vase, that keeps its color. Each, 35c; per dozen, $\$ 3.20 ; 3$ dozen for

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.
 $\$ 9.00$.

## Diameter Style Top Bot. $255 \quad 61 / 2$ in. $51 / 4 \mathrm{in}$. $\begin{array}{rll}257 & 61 / 2 \text { in. } & 51 / 4 \mathrm{in} . \\ 57 & 5 & \text { in. } \\ 59 & 1 / 2 \mathrm{in} .\end{array}$ 59 61/2 in. $51 / 2$ in. 7 in.



Galv. Vase
Galv. Vase
Price $255 \quad 61 / 4$ in. $31 / 2$ in. 10 in. $\$ 4.5!)$


Tin, Green

Vase Diameter Style Top Bot. Ht. Per Doz | Style | Top | Bot. | Ht. Per Doz |  |  |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 65 | $71 / 2$ | in. | $61 / 2$ in. | 8 | in. |
| 66 | 9 | in. | $71 / 2$ in. | 10 | in. |
| 68 | 6.00 |  |  |  |  | $\begin{array}{lllllr}69 & 9 & \text { in. } & 71 / 2 \text { in. } & 121 / 2 & \text { in. } \\ 70 & 9 & \text { in. } & 71 / 2 \text { in. } & 18 & \text { in. } \\ 70 & \text { in. } & 12.00 \\ \end{array}$

## FLORISTS' SNIPS

(Especially suitable for cutting wire, etc.) Each, $\$ 1.25$; 3 for $\$ 3.50$.

## Improved Dental Snips.

Forcutting annealedwire, ribbons, chiffons, etc. Each, $\$ 1.25$; 3 for $\$ 3.50$.


# 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 $3 / 4$ or $1 / 2$ inch; couplings free; sample mailed free if desired.
1 to 24 feet. .per ft. 23c $\mid 50$ to 99 feet. .per ft. 21 c
25 to 49 feet. per ft. 22c

100 to 400 feet.
per ft. 20c In bales of 500 ft ., 19 ctt .

## HOSE COUPLER, The "Snap."

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

No. 1-Screws onto hydrant or old threaded coupling; No. $\mathbf{N}$ Ne 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 $1 / 2$ or $3 / 4$-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. $3 / 4$-inch. Price, 60 c ; doz., \$6.50.
HOSE MENDERS, Iron.-3/4-in. Each, 7c; doz., 70c; gross, $\$ 7.25$. HOSE REDUCERS. For connecting two lengths of hose of different diameter, 1 inch to $3 / 4$ inch. Each, 65 c ; doz., $\$ 7.00$. $3 / 4$ inch to $1 / 2$ inch, each, 55 c ; doz., $\$ 6.00$.

## PERFECT CLINCHING HOSE COUPLER.

$3 / 4$-inch. Per pair, 25 c; per doz., $\$ 2.50$.
PERFECT CLINCHING HOSE


MENDER. Each, 15 c ; doz., \$1.10.

## 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........ $\$ 1.50$ Each $\begin{array}{r}3 \text { for } \\ \$ 4.25\end{array}$ Budding, Beech Handle. Per doz., $\$ 4.00$


No. 109
Budding, Ivory Handle, No. 109....
$\$ 2.25 \quad \$ 6.50$
Potato Knife, Stationary blade, beech handle, right or left handed. Per doz., $\$ 2.50 . .$. ................. . 30


## 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 $33 / 4$ 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. $3 / 4$-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. $1 / 2$-in. hose. Each, 90 c ; by mail, 95 c c.
 Vermorel ${ }^{\circ}$ Spray Nozzle-For spray-
 ing insecticides and whitervashing. For $1 / 2$-inch hose. Each, 90 c ; by mail, 95 c .
"Gem" - Throwing all variations, fróm fine spray to stream.
Each, 85 c . HOSE STRAPS, Caldwell. For $1 / 2,3 / 4$ and 1 in. hose. Doz., 35c; gross, \$3.25.
HOSE WASHERS. $3 / 4$-inch. Doz., 5 c ; gross, 50c.
HOSE CLAMPS, with nut and bolt. For $3 / 4$-inch hose. Each 5 c ; doz., 40 c ; gross, $\$ 3.50$.

## 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 $1 / 2$ or $3 / 4$ inch hose, each, 10 c ; 4 for 35 c ; doz., 90 c. 1 -inch hose, each, 12c.; doz., \$1.15.
Budding Knife-Ivory tip, black handle. Each, \$1.50.


Vaughan's Florist-3 for $\$ 3.00 ; 12$ for $\$ 10.50 \ldots . . . . . .$.
Propagating, No. 1545, White handle with nickel silver shackle for attaching to chain. 3 for $\$ 3.50 \ldots . .$. ........ . . 1.25
Asparagus-American straight cut ................................. . . . 45
American Fishtail . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 50
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727 W
Vaughan's English No. 107-Heavy Prop., Ivory Handle with Brass Caps..
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C. . . 2.00
Henckel's strong, No. 2C.
1.75

Putty Knife-No. 120, a very good tool; 3 for $\$ 1.00 . . . .$. .. . 35
Pruning, Stag handle.

## Greenhouse and THERMOMETERS (Can be sent by mail at a small extra charge for packing.) 8 -in., each, 35 c ; doz., $\$ 2.75$. <br> Tin Case. Standard grade (tested). in., each, $\$ 1.40 ; 3$ for $\$ 4.00$. <br> Cabinet. Wood case; metal face. Each, $65 c$; 3 for $\$ 1.75$. <br> Self-Registering. With magnet. 8in., each, $\$ 5.50$. <br> Minimum. For registering cold during absence and showing present temperature. Each, $\$ 2.00$. <br> Hotbed (Mushrooms). Brass point, wood frame. Each, $\$ 2.00$. <br> PLANT BED CLOTH. A substantial substitute for glass, being light, can be easily and safely shipped. <br> 

Medium. 20 yds. and up, per yd., 21c; 60 yds. and up, yd., 19c. Heavy. 20 yds. and up, per yd., $30 \mathrm{c} ; 60$ yds. and up, yd., 28 c . We do not sell less than 20 yards of a kind; it comes in 40 and 60 -yard lengths. Samples on application.
SASH, Hotbed. Unglazed, $3 \times 6 \mathrm{ft}$., 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 sq. yd., $\$ 1.50$; in lots of 10 yds ., $\$ 1.45 \mathrm{yd}$. MATS. Imported Hotbed. Superior to straw mats; very durable; size $76 \times 76$ inches. Each $\$ 2.65 ; 3$ for $\$ 7.50$; doz. $\$ 27.00$.

## Garden Supplies



MILO WATERPROOF HOTBED MATS. A combination of heavyweight cemented together with a sporbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, renellent to rats and mice, easy to handle, wears for years. Size, $40 \times 78$ inches. Each, 82.53 ; doz., $\$ 24.00$. Size, $76 \times 76$ inches, each $\$ 4.50$; doz., $\$ 45.00$.
Write us for prices in continuous lengths.
SYRINGES
English Brass.


Each
No. 0. Length, $121 / 2$ in.; 15-16 in. in diam.. . . . . . . . . . . . . $\$ 2.35$
No. D. $151 / 2$ in. long, $11 / 2$ 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 $21 / 2$ 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. $21 / 4$-inch tire which permits easy wheeling of heavy loads. Price, $\$ 8.00$.
SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $1 / 8$ to $1 / 2$ inch. Each, $\$ 2.50$.

## Glazing Tools, Materials and Paints

ALL THE BEST MATERIALS FOR GREENHOUSE USE


MASTICA MACHINE
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,
$\$ 1.50$.

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


GLAZING PUTTY, Twemlow's Old English
Five gallons will glaze a house $100 \times 20$ 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., $\$ 2.85 ; 5$ gals., $\$ 14.00 ; 10$ gals., $\$ 27.50$.

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. $21 / 2$. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (abt. 900), 60 c ; in lots of $5 \mathrm{lbs} ., 55 \mathrm{c}$ per lb.; No. $21 / 2$ per lb. (abt. 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 $7 / 8$-inch long, put up
in 1 pound packages. Over 1,500
 points in $1-\mathrm{lb}$. pkg. of $5 / 8$; over 1,000 points in $1-\mathrm{lb}$. pkg. of $7 / 8$. Price: Per lb., 55c; 5 lbs., $\$ 2.50 ; 20 \mathrm{lbs} ., \$ 9.00$.

## CLAMP, Peerless Repair

Simple device for repairing broken green-
 house 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 CUTTTER. With guide wheel. Each, $\$ 4.50$. RED DEVIL GLASS CUTTER. Doz., $\$ 2.00$; each, 20 c.
PUTTY KNIFE. No. 120. A very good tool. Each, $35 c ; 3$ 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 Destroyer <br> Insecticides containing poison cannot be sent by mail

USPULUN.
The universal seed disining, contains 40 per cent nicotine, $1 / 4 \mathrm{lb}$., 75 c ; $1 \mathrm{lb} .$, \$2.00; 4 lbs., 57.00 ; 8 lbs., $\$ 13.00$.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse furnigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-lestroying rodents. Lb., $75 \mathrm{c} ; 5$ lbs., $\$ 3.00 ; 25$ lbs., $\$ 10.00 ; 100$ lbs. $\$ 30 . \mathrm{u}$. Write for leaflet.
NIKOTEEN. $30 \%$. $1 / 2$ pt., $\$ 1.10$; pt., $\$ 2.00$; 3 pts., $\$ 5.75$. Per original case, 10 pts., \$18.00.
NIKOTEEN. $40 \% .4 \mathrm{lbs} ., \$ 7.00 ; 8 \mathrm{lbs} ., \$ 13.00$. NICO FUME FUMIGATING POWDER. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. $1-1 \mathrm{lb}$. tin, $\$ 1.00 ; 5$ lbs. for $\$ 4.00 ; 10-\mathrm{lb}$, tin, $\$ 7.50$.
APHINE. 1 pt., $65 \mathrm{c} ; 1$ qt., $\$ 1.00 ; 1$ gal., $\$ 3.00$.
BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb . will make 5 gallons liquid. Lb., 3 テ̃c; 5 lbs., $\$ 1.50 ; 25-\mathrm{lb}$. kegs, $\$ 5.25$.
FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb.,.30c; 5 lbs., $\$ 1.25$.
FLOWERS OF SULPHUR. Lb., 12c; 10 lbs., $\$ 1.00$; $50 \mathrm{lbs} ., ~ \$ 3.50$; 100 lbs., \$6.00.
FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. Pint, 65c; 1 qt., $\$ 1.00 ; 1$ gal., $\$ 3.00$.
GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., $95 \mathrm{c} ; 10$ lbs., $\$ 1.80$.
HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per $1 / 4 \mathrm{lb} ., 20 \mathrm{c} ; 1 / 2 \mathrm{lb}$., $35 \mathrm{c} ; 1 \mathrm{lb}$., $60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.75 ; 10 \mathrm{lbs} ., \$ 5.00$.
LIME SULPHUR. The best remedy for San Jose scale. One gallon makes ten. 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, 45 c; 1 gal., $\$ 1.00 ; 5$-gal. can, $\$ 4.00$.
DRY LIME SULPHUR. For dormant spray. Lb., 35c; 5 lbs., \$1.50; 25 lbs., $\$ 4.50 ; 100 \mathrm{lbs} ., \$ 14.00$.
LEMON OIL. Destroys mealy bug, scale, red spider. $1 / 2 \mathrm{pt}$., $35 \mathrm{c} ;$ pt. 60 c ; qt., $\$ 1.00 ; 1 / 2$ gal., $\$ 1.75$; gal., $\$ 3.00 ;{ }^{2}$ gals., $\$ 12.00$.

IICO-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, $\$ 5.25$; wide. Price 24 sheets, $\$ 1.25 ; 144$ sheets, $\$ 5.25$
288 sheets, $\$ 9.50$. Prices subject to change.
fectant and plant stimulant. Important for control of damping off of seedlings and disinfection of seed bed suil. Prices, 2 oz., 50 c ; $1 / 2 \mathrm{lb}$., $\$ 1.60 ; 1 \mathrm{lb} ., \$ 2.75 ; 5 \mathrm{lbs}$. $\$ 13.00 ; 25$ lbs., $\$ 62.50$. Write for leaflets stating for what purpose desired.
BAYER DUST. For dry treatment. Prices, 1 lb., $\$ 1.75 ; 5$ lbs., $\$ 8.00 ; 25$ lbs., $\$ 37.50$.

PYROX. Kills all leaf-eating insects. Lb., 50 c $; 5$ lbs., $\$ 1.75 ; 1^{\prime}$ lbs., $\$ 3.00 ; 25$ lbs., $\$ 6.25$.
VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, 65 c ; qt., $\$ 1.00$; gal., $\$ 3$. TOBACCO DUST (Regular Grade). 5 lbs., 3 j̄c; 10 lbs., 60c; 100 lbs., \$4.00.
TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply. 100 lbs ., $\$ 2.50$; 500 lbs., \$9.00; 1030 lbs., $\$ 17.50$.
SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 75 c ; gal. $\$ 1.75 ; 5$ gals., $\$ 6.25 ; 10$ gals., $\$ 1 \mathrm{j} .60$. SLUG SHOT, Hammond's. Price, 1 lb., 20c; 5 lb. package, 60c; 25 to $50 \mathrm{lbs} .$, at $101 / 2 \mathrm{clb}$. Per keg $125 \mathrm{lbs} ., \$ 12.00$; barrel, 250 lbs . in bulk, $\$ 23.00$. Slug Shot Duster. Large size, 60 c .
SULPHO-TOBACCO SOAP. One of the best remedies for greenfly on roses. Per $1 / 2-\mathrm{lb}$. box, 25e; by mail, 3uc. Doz., $\$ 2.50$; 3-oz. package, each, 15 c ; doz., $\$ 1.25$.
THRIP JUICE. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., $\$ 1.10$; gal., $\$ 3.25$.
VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, alphis and thrips. Pint, 75 c ; qt., $\$ 1.00$; gal., $\$ 3.00$; 5 gal., \$12.00.
WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc., for inside and outside spraying. Price, quart, $\$ 1.00$;gallon, $\$ 3.00$; 5 -gallon can, \$12.00.

## Vaughan’s High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.-See Note.

## Note-These prices aref. o. b. Chicago.

ACID PHOSPHATE, $16 \%$ available. 100 lbs., $\$ 2.20,500 \mathrm{lbs} ., \$ 8.30 ; 1000 \mathrm{lbs} ., \$ 15.00$; 2000 lbs ., $\$ 29.50$.
BONE MEAL, Vaughan's Rose Grower We have built an enormous trade in this brand with our florist customers. The bone has been steamed so that it is much quicker in action than the untreated stock. Analy-sis-Ammonia $41 / 2$ per cent; total phosphoric acid, 22 per cent; total bone phosphate, $48 \%$. Price, 5 lbs., $45 \mathrm{c}, 10$ lbs., $80 \mathrm{c} ; 25 \mathrm{lbs} ., \$ 1.60 ; 50 \mathrm{lbs} ., \$ 2.30 ; 100 \mathrm{lbs}$. , $\$ 3.55$; 500 lbs., $\$ 15.70 ; 1000$ lbs., $\$ 29.00$;
 2000 lbs., \$57.00.
BONE MEAL. Regular or Standard Grade. Not steam treated. Pree, 25 lbs., $\$ 1.35$; 50 lbs., $\$ 1.80$; $100 \mathrm{lbs} ., \$ 3.35$; $250 \mathrm{lbs} .$, $\$ 7.65$; 500 lbs., $\$ 14.00$; $1000 \mathrm{lbs} ., \$ 25.75 ; 2000 \mathrm{lbs} ., \$ 50.00$.
BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Price, 25 lbs., $\$ 1.45 ; 50 \mathrm{lbs} ., \$ 2.10 ; 100$ lbs., $\$ 3.25 ; 500 \mathrm{lbs}$., $\$ 14.25 ; 1000$ lbs., $\$ 26.75$; 2000 lbs., $\$ 52.00$.
BONE, BLOOD AND POTASH. Fertilizer Mixture ́analysis $5-8-7 \%$ ). Can be applied as a liquid manure, using 8 -inch potful to barrel of water. Price, 25 lbs., $\$ 1.40 ; 50 \mathrm{lbs} ., \$ 2.20 ; 100$ lbs., $\$ 3.35$; 500 lbs., $\$ 13.90$.
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. Price, 5 lbs., $70 \mathrm{c} ; 10$ !bs., $\$ 1.25 ; 25$ !bs., $\$ 2.15$; 50 lbs., $\$ 3.85$; 100 lbs., $\$ 6.85 ; 250$ lbs., $\$ 15.75 ; 500$ lbs., $\$ 30.25$.

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manures, but the cheapest and best form in which to apply Nitrogen to plants. Price, 10 lbs., $90 \mathrm{c} ; 25 \mathrm{lbs}$., $\$ 1.90 ; 100 \mathrm{lbs}$., $\$ 5.30 ; 500$ lbs., $\$ 24.00 ; 1000$ lbs., $\$ 44.75 ; 2000$ lbs., $\$ 88.00$.
SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground, put up in 100 -pound sacks. Our supply is of uniform quality, saved under shelter and not leached. Our customers using it may, therefore, be certain of uniform results. The manure we supply is not adulterated, nor has it lost its strength in any way. (Prices subject to market change.) Price, 25 lbs., $\$ 1.15 ; 50$ lbs., $\$ 1.65 ; 100$ lbs., $\$ 2.65 ; 500 \mathrm{lbs} ., \$ 10.00 ; 1000 \mathrm{lbs} .$, \$17.00; 2000 lbs., $\$ 33.00$.
FLORANID UREA. 46 per cent Available Nitrogen. A highly concentrated organic nitrogen fertilizer, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 75 c ; 50 lbs. for $\$ 10.00$; bag, 143 lbs., $\$ 19.00 ; 8$ to 13 bags, at $\$ 18.00$; 14 to 27 bags, at $\$ 17.00$.
CATTLE MANURE, Shredded. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giring it an even quality. Price, 100 lbs., $\$ 2.65 ; 500 \mathrm{lbs}$., $\$ 10.00 ; 1000$ lbs., $\$ 17.00 ; 2000$ lbs., $\$ 33.00$.
VAUGHAN'S LAWN AND GARDEN FERTILIZER 6-8-6.
Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaper and lasts longer. SterilizedContains no weed seeds. Easily applied. Put up in neat packages and bags. Price, $25 \mathrm{lbs} ., \$ 1.65 ; 50 \mathrm{lbs} ., \$ 2.65 ; 100 \mathrm{lbs} ., \$ 4.50$; $500 \mathrm{lbs} ., \$ 20.00 ; 1000$ lbs., $\$ 39.00 ; 2000$ lbs., $\$ 76.00$.
$\frac{\text { CLAY'S FERTILIZER. }}{\$ 6.90 ; 112 \mathrm{lbs} ., ~ \$ 12.60 \text {. }}$ Imported. Price, 28 lbs ., $\$ 3.85 ; 56 \mathrm{lbs}$.,
SCOTCH SOOT (Genuine Imported). Price, 25 lbs., $\$ 1.95 ; .50$ lbs., \$3.40; 100 lbs ., $\$ 6.50$.
HORN SHAVINGS. Quick acting and lasting. Price, 5 lbs., 85 c ; 10 lbs., $\$ 1.45$; 25 lbs., $\$ 2.35$; 50 lbs., $\$ 4.15$; 100 lbs., $\$ 6.95$.

Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, $\$ 7.50$.
The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickeled iron; construction simple. Each, \$2.50.
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,


## 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 $121 / 2$ gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $\$ 24.00$. Shipping weight, 80 lbs.Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Each, $\$ 14.00$.

The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price $\$ 20.00$. 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, 45 c.
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, $\$ 10.00$.


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, $\$ 1.75$; $21-\mathrm{in}$.,


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, 25 c.

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, $71 / 2$-inch . Each,$\$ 2.50$;
$81 / 2$-inch, each, $\$ 2.75 ; 91 / 2^{-}$ 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, $\$ 1.35$.
 8 -inch, notched, $\$ 3.00 ; 9$ - inch notched, $\$ 3.25 ; 10$-in., notehed, $\$ 3.50$. 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, 85c.
Domestic Knuckle Saver. Each, 85c.
TREE PRUNERS. Waters' 6 ft ., $\$ 1.65$; 8 ft ., $\$ 1.85$; 10 ft ., $\$ 2.00$; 12 ft. . $\$ 2.25$. Extra blades, each, 25 c .
No. 4 Jointed Tree Pruner, 12 ft., in three 4 -ft. sections. Ea., $\$ 5.50$. $\rightarrow$ 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, 95 c ; 3 for $\$ 2.75 ; 6$ for $\$ 4: 50 ; 12$ for $\$ 8.50$.
Ordinary Garden Trowel. 6 -inch, 15c ; dozen, $\$ 1.50$.
English Steel. An exrellent trowel, neat and durable; 6-inch, each, $35 \mathrm{c} ; 3$ for $\$ 1.00$; dozen, $\$ 3.00$.

# Stakes, Pots and Tubs 

## PLANT STAKES-A Full Line

## CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $\$ 1.45$; 500 for $\$ 5.00$; per 1000, $\$ 9.00$. (If shipped from New York, per 100, $\$ 1.70 ; 500$ for $\$ 6.00$; per $1000, \$ 10.75$.) Special price on larger lots on application. Heavier Grade. $1 / 3$ run 8 to 9 ft .; $1 / 39$ to 10 ft .; balance 10 to 11 ft . Weight about 250 pounds per 1000 . Price (if shipped from Chicıgo), per 100, $\S 2.25 ; 500$ for $\$ 8.75 ; 1000, \$ 15.50$. (If shipped from New York, per 100, $\$ 2.50$; per $500, \$ 9.50$; per 1000, \$17.00.)

## Japanese Bamboo Stakes, Plain and Green Painted.



Pipe Stems, 4 to 6 ft . long, weight, per 1000, 54 lbs . F.O.B. Chicago, 100 for 90 c; $500, \$ 3.50 ; 1000$, $\$ 6.25$.
Wooden, Green. Handsome and convenient for Gladiolus, etc.

| Light, $11 / 2$ feet Light, 2 feet. Light, $21 / 2$ feet Light, 3 feet. Light, $31 / 2$ feet |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |

Per 100
.$\$ 2.20$
-3.50
.4 .90
.6 .25
.8 .10
Light, 4 feet.
Light, 5 feet.
Heavy, 3 feet.
Per 100 structible. We supply largest buyers.


CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They ncver slip and are a great saving in time and money. Price, $\$ 2.25$ per 1000. Samples mailed free.
GRAFTING WAX. Per $1 / 4$-lb. bar, 15 c ; $1 / 2 \mathrm{lb}$. bar, $25 \mathrm{c} ; 1 \mathrm{l}$ b., 45 c .


## SOD CRUSHERS.

No. 1 Machine. Total height, 46 inches; size of roll, $6 \times 21$ inches; suitable for 5,000 feet or less of glass. Each, $\$ 22.50$
No. 2 Machine. Total height, 46 inches; size of roll, $6 \times 42$; suitable for large establishment. Each, $\$ 32.50$.

## FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York.


|  | Inside Top <br> Diameter | Depth. | Price, Each | Four <br> for |
| :--- | :---: | ---: | :---: | ---: |
| No. 1 | 6 in. | 6 in. | $\$ 0.75$ | $\$ 2.90$ |
| No. 3 | 8 in. | 8 in. | .90 | 3.50 |
| No. 5 | 10 in. | 9 in. | 1.10 | 4.20 |
| No. 7 | 12 in. | 11 in. | 1.55 | 5.80 |
| No. 9 | 14 in. | 13 in. | 2.10 | 8.00 |
| No. 11 | 16 in. | 15 in. | 2.65 | 10.20 |
| No. 13 | 18 in. | 17 in. | 3.35 | 13.00 |
| No. 14 | 19 in. | 18 in. | 3.75 | 14.40 |

 make as above. $6-q t ., \$ 5.20 ; 8-q t ., \$ 5.50$; 10-qt., \$5.95; 12-qt., \$6.65.

Prices on pots subject to change without notice
 IMPROVED NEPONSET PAPER

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

| Per 1000, f. o. b. | Per 1000 , f. o. b. | $\begin{gathered} \text { Original } \\ \text { crates } \end{gathered}$ | Gross wt of 1000 |
| :---: | :---: | :---: | :---: |
| New York | Chicago | hold | pots about |
| \$ 4.00 | \$ 4.10 . | 1000. | 12 lbs |
| 4.45 | 4.65. | 1000. | 17 lbs . |
| 5.60 | 5.85 | 1000. | 23 lbs . |
| 7.35 | 7.65 | 1000. | 35 lbs . |
| 8.85 | 9.35 | 500. | 46 lbs. |
| 13.70 | 14.45. | 500. | 80 lbs . |
| 18.00 | 19.00 | 500. | .110 lb |

## FLOWER POTS, Standard Red

F. O. B. Chicago.

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

|  | No. of Pots in crate | Sold in Crat | nly | No. of Pots in crate |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | in.... 1500 | 8.25 per 1000 | 6 in. | 117... | 6.60 per 100 |
| 2312 | in. . . . 1200 | 11.00 per 1000 | 7 in . | 99... | 10.90 per 100 |
| 3 | in.... 800 | 14.00 per 1000 | $8 \mathrm{in}$. | 50 | 15.20 per 100 |
| 4 | in.... 360 | 2.90 per 100 | 10 in | 24 | 21.75 per 100 |
| 5 | in.... 240 | 4.45 per 100 | 12 in. | . 6... | 58.00 per 100 |



AZALEA POTS, also suitable for Boston Ferns

| No. of Pots | Per |
| :---: | :---: |
| in crate | 100 |
| 6 inch........117..... | $\mathbf{6 . 6 0}$ |
| 7 inch....... $99 \ldots \ldots$ | 10.90 |
| 8 inch | $50 .$. |



BULB PANS

| Doz. Per 100 |  | Doz. | Per 100 |  |
| :--- | ---: | ---: | ---: | ---: |
| 5 inch.... $\$ 0.80$ | $\$ 4.45$ | 8 inch... $\$ 2.25$ | $\$ 15.20$ |  |
| 6 inch.... | .95 | 6.60 | 10 inch.. | 3.85 |
| 7 inch.... | $\mathbf{1 . 7 0}$ | $\mathbf{1 0 . 9 0}$ |  |  |

## THE LITTLE WONDER NO-DRIP HANG-

ING BASKET. A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and nodrip feature of this basket make it an ideal basket for either porch or inside use.

|  | Each | Doz. | Earh | Doz. |
| ---: | ---: | ---: | ---: | ---: |
| 5-inch.... $\$ 0.85$ | $\$ 9.00$ | 9-inch.... $\$ 1.60$ | $\$ 16.20$ |  |
| 6-inch... | .95 | 9.50 | 14 -inch... | 2.25 |
| 7-inch... | 1.10 | 11.40 |  |  |



Success Self-Watering Flower Boxes
SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight.


## Reeds and Raffia



RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 35 c ; $5-\mathrm{lb}$. lots, per lb., $30 \mathrm{c} ; 10 \mathrm{lb}$. lots, per lb., 25 c ; $100 \mathrm{lb} ., \$ 23.00$. Bale lots (about 225 lbs.), per 100 lbs., $\$ 22.00$.
Dyed-Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 80 c ; 5 lbs. at $75 \mathrm{c} ; 10 \mathrm{lbs}$. at $72 \mathrm{c} ; 25 \mathrm{lb}$. at 70c. Samples on application.

# Wreath and Boquet Materials 

For Prepared Leaves, Sprays and Mosses see page 16D.

MATCH-STICKS. Either natural wood or dyed green. Natural


Wood. 1 box, 10 c; 3 boxes, $25 \mathrm{c} ; 7$ boxes, 50 c; 15 boxes, $\$ 1.00$; 35 boxes, $\$ 2.00$; 1 case, 100 boxes, $\$ 4.75$.
FERN PIN. New Philly. The bend holds the
leaves firmly; easier to leaves firmly; easier to handle. Per box, $\$ 2.35$.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc. $\$ 2.25$ per box of about 11,000 .
BULL DOG CLIPS. The clip with the grip. Per box of $1,000,85 \mathrm{c} ; 10$ boxes for $\$ 7.50$.

WIRE. (Prices subject to change ) Bright Annealed.

Per lb. 6 lbs. 12 lbs. No. 18. . $\$ 0.25$. . $\$ 0.75$. . $\$ 1.10$

| No. $20 .$. | $.25 .$. | $.85 .$. | 1.20 |
| :--- | :--- | :--- | :--- |
| No. 22.. | $.30 .$. | $1.00 .$. | 1.35 |
| No. 24.. | $.35 \ldots$ | $1.15 \ldots$ | 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. $\quad 18 \quad 20$
Price................. $\$ 1.40 \quad \$ 1.60 \quad \$ 1.70 ~ \$ 1.80 ~ \$ 2.40 ~ \$ 2.65$


TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, $\$ 2.50$.
Polished Cotton. No. 228, for parcels. Per lb., 60c.
Jute. For bunching; 2 or 3-ply. Per lb., 32c; $10 \mathrm{lbs} ., \$ 2.75$; per 100 lbs., $\$ 23.00$.
Silkaline. 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 Silkaline. Samples on application. 8 spools to a box. Per lb. box, $\$ 1.45 ; 10$ boxes at $\$ 1.35$ per box; 25 boxes at $\$ 1.25$ per box.
Green Sea Island Twine. Used for wrapping small packages-also for spray and design work. Putup in balls. 1 lb . box, 80 c . 5 boxes at 75 c per box.

## Labels, Paper and Pot Covers <br> PENCILS, Weatherproof.

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.
Wooden, 4 -in., plain, $10,000, \$ 12.50$.
Plain $\stackrel{\text { Per }}{1000}{ }_{\text {Painted }}$ $\$ 1.35$
" $\quad 4$ "p painted, $10,000, \$ 16.00$. $\dddot{1.60}$
$\$ 1.75$
2.20
2.5
1.00
2.00
2.65
6.60
8.00
11.00

LABELS (Tree).
11.00
$\begin{array}{llrr}\text { Wooden, } 31 / 2 \text { in. iron wired........per } 1000 \ldots . . & \$ 1.60 & \$ 2.00 \\ \text { 41/2 } 31 / 2 & \text { in. copper wired.....per } 1000 \ldots . & 1.95 & 2.35\end{array}$
COPPER LABELS. Wired, inde-
structible. 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, $\$ 3.50$
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 $333 \times \frac{3}{4}$ inches. Price per $100, \$ 1.60$.
doz. $\$ 1.00$.
PAPER. Prices on Paper subject to Market changes.
Manilla Tissue. Regular grade, $24 \times 36$ 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 shts.), $\$ 11.00$.

American Beauty Tissue. $24 \times 36$ 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' ${ }^{\prime}$ Pure White Tissue. $24 \times 36$ 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, $24 \times 36$ inches; f.o.b. Chicago, 400 sheets, $\$ 2.00$; f.o.b. New York, 480 sheets, $\$ 2.50$.
Green Wax. Beautiful shade light green, $24 \times 36$ 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, $\$ 27.00$.
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.
PORTO RICO MATS. These artistic mats used for decorating all blooming plants. Assorted Colors. Per doz., $\$ 2.00$; per 100, $\$ 15.00$. Two-tone, per doz., $\$ 2.75$; per $100, \$ 18,00$.

$\mathbf{M}^{1}$INY of our Florist customers find a most profitable side line in selling our high Quality Lawn Grass Seeds.
Vaughan's "Chicago Parks." "Central Park" and "Columbian"" Mixtures are the highest grade possible to make. There are no brands so well or favorably known, and our extensive advertising make Vaughan's Lawn. Grass Seed a sure and ready seller.

## VAUGHAN'S "CHICAGO PARKS" AND <br> "CENTRAL PARK" LAWN MIXTURES

## SAN FRANCISCO 1915

 Five-pound packages (sell for $\$ 2.40$ each)... $1.65 \quad 30.25$ In Bulk..................... 250 lb. lots, per 100 lbs., 27.00 Vaughan's COLUMBIAN (Shady Nook) Lawn Seed-Prices the same as for Chicago Parks and Central Park MixturesMarket (Kentucky Blue Grass, Fancy (21 lb. Seed). . . . . 10 lbs., \$2.25; 100 lbs., \$20.50
Subject $\{$ Kentucky Blue Grass, Fancy ( 19 lb. Seed)... ... 10 lbs, , 2.10; $100 \mathrm{lbs} ., 19.00$
to Change (Red Top, Fancy Quality, extra heavy.......... . . 10 lbs., $2.15 ; 100 \mathrm{lbs} ., 19.25$
"Quick Show Mixture" for immediate effect $\$ 2.40$ bs. 1001 bs. White Clover. Bags, 35c each extra. Choice grade,
$2.00 \quad 18.00$
"Home Grounds" Mixture . . . . . . . . . . . . . . . . . $1.60 \quad 14.00$
$\$ 30.00$ to $\$ 40.00$ per 100 lbs .
Fancy grade- $\$ 45.00$ per $100 \mathrm{lbs} ; 10 \mathrm{lbs} ., \$ 4.70$.
ALL GRASS SEED SOLD ON NET CASH TERMS.

## BUSINESS RULES

IN $1 / 2,1$ AND 5 LB. CARTONS
TERMS ON FLORISTS' STOCRS. To customers of approved credit 60 days, except on certain cash items. Special 2 per cent discount for cash in ten days (from these list prices only), not from the "Special" quotations and excepting net cash items.
C. O. D. We prefer not to send goods C. O. D., but when wanted in that manner some money must accompany order. Perishable Stock, Plants, etc., are POSITIVELY not sent C. O. D.
WHERE SOLD. Our stocks are sold F. O. B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept railroads or steamship lines. Our prices are made on values of these stocks at shipping point, and if we are to accept transportation risks we can do so only at advanced prices.
ROUTING. On each Order please give name of express company or railroad you wish to use; there is no other sure way of correct routing. Do not use the words send, ship, forward-they mean nothing. When
ordering state routing distinctly, MaiI, Express or Freight.
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.
REMEMBER: "'Little omissions make great errors," and kindly give us in EACH ORDER the correct names, sizes, grades and prices of the stocks you order from this catalogue, and the routing, the name of the express or railroad company, shipping date and like details. This prevents misunderstandings.

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.
BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual trade reference or property statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. We do not open new accounts for cash goods. and hence fall under this rule.
IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, parity, productiveness, or any other matter of any seeds, buibs or plants, sold If the and we wil not in any way be roods on above terms, no sale is made theoeof, and he must return them at once. and money will be refunded. Nube make our sales at the moderate pricesquoted our catalgoue. All orders to all states in regard to their state entomology requirements.
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.

## Index to Contents

| Amaryllis............... Page | Clip . . . . . . . . . . . . ${ }^{\text {Page }} 31$ |
| :---: | :---: |
| Ampelopsis........... 21 | Corsage Pins.......... 16 C |
| Anemones. . . . . . . . . . 7 , 9 | Corsage Shields......16C |
| Antirrhinum. . . . . . . . 9 | Crocus. . . . . . . . . . . . ${ }^{7}$ |
| Aprons. . . . . . . . . . . . . 25 | Croton |
| Ash.................. 22 | Cycas Leaves |
| Asparagus. ........... 17 | Prepared. |
| Baskets . . . . . . . . . . . . 23 |  |
| Begonia . . . . . . . . . . . 10, 17 | Doves................ 25 |
| Bellows.... . . . . . . . . 29 | Daisy . . . . . . . . . . . . . 19 |
| Bird Suppli | Dracaen |
| Boxes, Cut Flower Cover | Du |
| Boxes, Cut Flower. i6B ${ }^{\text {B }}$ C |  |
| Bowls...........16B, C | Eascls, Wood. |
| Bulb Box | Elms................. 22 |
| ․i. Outside Back Cover | Eranthi |
|  |  |
| Caladium............ . 17 | Fertiliz |
| Calendula . . . . . . . . . 10 | Ficus.... . . . . . . . . . . 17 |
| Calla Lily . . . . . . . . . 7 | Fish Supplies |
| Calochortus.......... 7 | . . . . Inside Back Cover |
| Cane Stakes. . . . . . . . 30 | Flower Boxes. . . . . . . 30 |
| Candytuft. . . . . . . . . . 10 | Flower Holders. . . . . . . 25 |
| Cannas.............. . 18 | Flower Pots. . . . . . . . . 30 |
| Cape Flowers . . . . . . . . 25 | Flower Seeds.... . . 9 to 14 |
| Carnation Bands. . . . 25 | Forget-Me-Not. . . . . . 9 -11 |
| Carnation Staples..... 25 | Freesia |
| Catalpa. . . . . . . . . . . 22 | Fritillar |
| Chionodoxa.......... 7 | Fruit Trees..... . . . . . 22 |
| Chrysanthemum...... 19 | Fuchsia.............. 17 |
| Clamps............... 27 |  |
| Clarkia...... ........ 11 | Geraniums........... 17 |
| Clematis....... . . . . . . 21 | Gladiolus............ . 8 |


| Pa |  |
| :---: | :---: |
| Glazing Poin |  |
| Glazing Gun. |  |
| Glazing Putty. |  |
|  |  |
| Grafting Wax .......... |  |
|  |  |
|  |  |
| Hose. . . . . . |  |
| Hose Couplers......... 26Hose Menders........ 26Hose Nozzles....... 26 |  |
|  |  |
|  |  |
| Hyacinth Glasses. |  |
|  |  |
|  |  |
| Immortelles. . |  |
| Immortelle Letters.... 28 |  |
|  |  |
| 1ris... |  |
|  |  |
| Japanese Air Plants. . 16D <br> Japanese Roping.....16D |  |
|  |  |
| Knives |  |
| abels. |  |
| Larkspur Lawn Grass Seed |  |
|  |  |
| Lettering |  |
| Lily of the Valley <br> Lilium Candidum |  |
|  |  |
|  |  |
|  |  |

L. H. Vaughan, President, C. Cropp, Vice-President.

## Vaughan's Seed Store Special Brand of Bird and Fish Supplies

BIRDS 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 supplies which we could offer to our customers in complete confidence of their 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.
Mixed Bird Seed. The standard bird food, consisting of recleaned canary and rape in specially designed 1-pound packages as illustrated. ..... . $\$ 2.25$
Special Bird Seed. A high quality balanced ration, especially for canaries, including a variety of seeds
Per Doz.
Bird Gravel. A clean washed
gravel, in 2-pound packages . \$1.10

Bird Grit. White grit for use
with gravel. 2-lb. packages. .
Zenith Song Restorer. A reli- able remedy. ..... 1.20
Bird Life Balls. A treat for birds, containing wild seeds, etc., which have tonic effect. 1.00
Canary Health Food, speciallyprepared as a change in diet. 2.00
Bird Charcoal, keeps digestiveorgans in condition.1.20
Cuttle Bone. ..... 60
Moulting Food ..... 1.60
Louse Powder. ..... 1.20
Nesting Material ..... 75
Fish Foods
Natural Fish Food ..... 1.00
Shrimp Fish Food ..... 1.20
Wafer Fish Food. ..... 75

Aquarium Shells, Etc.
Per Doz.
Aquarium Shells (colored)..... $\$ 2.00$
Aquarium Chips (pearl) ..... 1.00
Aquarium Chips (colored). ..... 1.00
Books
Canary Breeding ..... 2.80
Parrots ..... 2.80
Feathered Pets. ..... 2.80
Aquaria ..... 2.00



## Sell Darwin Tulips from This Compact, Beautiful Display

WITH tulip bulbs lowest in price since the world war, the demand is sure to be great. And here is a display box which makes it possible to show the bulbs attractively, in small counter space, with no trouble at all to keep in order.
The ten-compartment display box staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 Darwin tulips, 50 each of ten named varieties, separately bagged, $\$ 10.00$ f. o. b. Chicago or New York.
The varieties in this collection are the most popular we know including: Tonnaye, Clara Butt, Farncombe Sanders, Inglescombe Yellow and others of like quality. You retail them for 50 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for $\$ 9.00$ for 500 bulbs, 10 each of the same varieties, in bags of 50 ; or $\$ 17.50$ for 1,000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bag-full to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.

## Counter Space Needed, $13 \times 29$ Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock. A big, sure profit, and added sales are certain for anyone who takes advantage of this offer.


[^0]:    
    .00
    

