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$\therefore$


## VAUGHAN'S LAWN MIXTURES

MANY 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

Each. 100 $\$ 0.35$ \$32.50 Each. 100


One pound packages (sell for 45 c each) Vaughan's COLUMBIAN (Shady Nook) Lawn Seed- $\$ 1.50$ per 100 lbs . higher in all the different size packages than "Chicago Parks" and "Central Park" Mixtures.

## VAUGHAN'S Fancy GRASSES and MIXTURES for Lawns.

'Quick Show Mixture" for immediate effect
Good Mixed
Kentucky Blue Grass, Fancy New Crop (21 lb. Seed)... Red Top, Fancy Quality, extra heavy.
Red Top, unhulled.
White Clover, Prices not yet established. Write for prices.

10 lbs., $\$ 2.20 ; 100$ lbs., $\$ 20.00$
10 lbs., 2.00; 100 lbs ., $\$ 18.00$
14 lbs., 4.35; $100 \mathrm{lbs} ., \$ 30.00$
$10 \mathrm{lbs} ., 2.10 ; 100 \mathrm{lbs} ., \$ 19.00$
$10 \mathrm{lbs}$. , $1.55 ; 100 \mathrm{lbs} ., \$ 14.00$

## BUSINESS RULES

TERMS ON FLORISTS' STOCKS. To customers of approved credit,
60 days, except on certain cash items. Special 3 per cent discount for 60 days, except on certain cash items. Special 3 per cent discount for
cash ln ten days (from these list prices only), not from the "Special" quotations and excepting net cash items.
C. O. D. We prefer not to sead goods C. O. D., but when wanted in that manjer 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 transportation risks after delivery in good order to express companies, railroads or steamship lines. Our prices are made on values of these stocks at shipping point, 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 railrpad 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 routi
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 3 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 oficers and signatures of those authorized to sign orders. Some accounts for cash goods. All "Holiday stocks" are sold strictly on cash accounts for cash goods. All "Holida
IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop. If the customer does not accept these goods on above terms, no sale is made and money will be refunded Subject above money win be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate pricesquoted in our catalgoue. All orders to all states shipped, subject to customers assuming risk 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. IN $1 / 2,1$ AND 5 LB. CARTONS

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# Call Bulbs for Forcing or Bedding 

POR 42 years Vaughan's Serd Stores at two of the greatest importing and distributing ports - Chicago and New York - has supplied the most critical Florists with Fall Forcing Bulbs.

Below are six reasons why cur sales of Imported Dutch Bulbs constantly increase in face of the unscrupulous crmpetion of foreign drummers with offlices in their hats and no financial responsibilities.

No. 1. Long and satisfactory connections with the best foreign houses.
No. 2. Credit arrangements and closest buying at favorable exchange rates
No. 3. First early shipments, followed by one or more later ones covering entire shipping season.
No. 4. Earliest deliveries of early forcing items which cannot rightly be delayed for main supply.

No. 5. Covering by us of all "Special Expenses" excess brokers' fees and port charges at New York, in whish nearly every U. S Florist grower has been persistently robbed for the past five yars. We eliminate this.
No. 6. When you buy imported bulbs from us, you buy them by - measure in centimeters or inches and so accepted by us. This means much, is against those dealers who sell "firsts," "seconds" or "thirds" and give yo no assurance as to actual measure of such bulbs If, as may be possible, you find any of our prices out of line ask us for the "reason why" and possible revision.
? ${ }^{2}$. All prices quoted in this catalogue are subject to U.S. Tariff changes.

## Dutch Miniature Hyacinths

(Also called Cynthellas. $13-14$ ctms.)
Our Dutch Miniatures are picked bulbs of even size, and will all give large flowers. We make a specialty of these in named varieties, and our prices on same are low for the grade we furnish. Especially desirable for growing in pans for Easter Sales

Gertrude (dark rose)
Lady Derby (pink)
La Grandesse (pure white)
La Victoria (red)

L'Innocence (white)
Grand Maitre (dark blue)
Queen of the Blues (light blue)

Per 100 Per 1000
We will supply these seven best named for forcing in equal quantities of each at
$\$ 325$
$\$ 2900$

## French Roman Hyacinths

French crops are apparently lighter each year and prices higher. It is very useful for all who grow for their own retail cut flower work for winter bloom. Growers find these useful at holidays.

We can offer the following sizes:


Detroit, Mich., March 6, 1923.
Vaughan Seed Store:
We expect to be in the market for many of your goods and we feel that the services which you have rendered this year is worthy of our consideration. The bulbs are high gradesuch as we are depending upon for the successful growing of same. Yours very truly, BREITMEYER NURSERY COMPANY, 313 Lohrmann Bldg.


DUTCH ROMAN HYACINTHS

##  <br> Selected First Size

Price for Our Selection per 100, $\$ 8.50$; per 1000, $\$ 80.00$

If wanted we can do size $18-19$ ctms., per $100, \$ 7.00$; per 1000 , $\$ 65.00$.

SINGLE RED AND ROSE
Cardinal Wiseman, dark pink

## SINGLE WHITE



## SINGLE BLUE

|  | Per doz. | Per |
| :---: | :---: | :---: |
| Bismark, bright blu | . $\$ 150$ | \$10 00 |
| Captain Boynton, | 20 | 850 |
| Enchantress, porcelain, blu | 20 | 50 |
| Grand Maitre, dark porcelain, medium early | 20 | 50 |
| Grand Lilas, early, very handsome | 25 | 900 |
| Johan, light blue, large bell. | 20 | 50 |
| King of the Blues, dark, medium | 20 | 850 |
| Marie, dark, large spike, medium early | 20 |  |
| Queen of the Blues, light, fine sp | 20 |  |
|  |  |  | Schotel, light blue, large spike

## SINGLE YELLOW

City of Haarlem, golden-yellow . . . . . . . . . . . . . . . . $\$ 125 \quad \$ 900$
King of the Yellows, extra medium early
Yellow Hammer

[^0]
## Second Size Named Dutch Hyacinths

These "Second Size" bulbs imported by us will be found equal to the so-called
"Firsts" offered by many Catalogue Houses, being all

## 17 CENTIMETERS AND OVER IN SIZE

## Single Varieties

Price for Our Selection, per 100, $\$ 6.00$; per 1000, $\$ 55.00$

SINGLE WHITE
Albertine.
Per doz. Arentine Arendser
Grandeur a Merveille. 100

General Vetter.
90
Hein Roozen. .
100
L'Innocence.
100
La Grandesse................ 90
Mad. Van der Hoop......... 90


Bismarck
10
Capt. Boynton.. .............. 90
Dr. Lieber 90
Grand Lilas.................... . 100
Grand Maitre. . . . . . . . . . . . . . 90
Johan.. ..................... 90
King of the Blues.
90
Schotel

| Per | 10 |
| ---: | ---: |
| $\$ 6$ | 0 |
| 6 | 5 |
| 6 | 0 |
| 6 | 5 |
| 6 | 5 |
| 6 | 0 |
| 6 | 0 |
| 6 | 0 |

$\left\lvert\, \frac{\text { SINGLE YELLOW }}{\text { City of Haarlem...... }}\right.$ Per doz. Per 100 600 City of Haarlem......... $\$ 100 \quad \$ 650$
600 Yellow Hammer......... $100 \quad 650$

650
SINGLE RED AND ROSE ${ }_{\text {Per }}$ $\boldsymbol{E}_{\mathrm{Per}}^{\mathrm{Pe}} \mathrm{doz}$.

Per
100
600 Cardinal Wiseman ........... $\$ 00^{9} 90 \quad \$ 600$
600 Garibaldi. . . . . . . . . . . . . . . . . 100
650
600 Gertrude....................... 90
600
Gigantea.................... $90 \quad 600$
$\$ 700$
100
650
600 Lady Doz. 100
650 Derby $\quad \$ 090 \quad \$ 600$
$\begin{array}{ll}6 & 00 \\ 6 & 50\end{array}$ Marconi. $1 \quad 10 \quad 700$
$\begin{array}{ll}6 & 50 \\ 6 & 00\end{array}$ Moreno. $\quad 90 \quad 600$
600 Queen of
600 the Pinks $110 \quad 700$
650 Roides
650 Belges... $90 \quad 600$ plants.

## Mixed Hyacinths shades VAUGHAN'S FANCY FORCING

These mixed Hyacinths are made up of named varieties, measuring from 16 to 17 centimeters in size, specially grown for us by a large Holland house, who select nothing but the best varieties that are most suitable for florists' use. (We do not supply double varieties in this grade.)

| Blue, all shades. | Per 100 | Per 1000 |
| :---: | :---: | :---: |
| Light Blue. |  |  |
| Red and Rose. |  |  |
| Rose | \$500 | \$4500 |
| White and Blush |  |  |
| Pure White. |  |  |
| Yellow |  |  |

## VAUGHAN'S FIRST GRADE

Good-sized bulbs, suitable for out-door bedding. We buy only bulbs that measure 15 centimeters up for this grade.

| SINGLE | DOUBLE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Blue, all shades... | Per | Per | Blue, all shades.. | Per | Per |
| Light Blue. | 100 | 1000 | Light Blue. | 100 | 1000 |
| Red and Rose.. |  |  | Red and Rose. |  |  |
| Rose | \$4 25 | \$37 00 | Rose | \$4 25 | $\$ 3700$ |
| White and Blush |  |  | White and Blush |  |  |
| Pure White. |  |  | Pure White. |  |  |
| Yellow.......... |  |  | Yellow......... . |  |  |

## Bluffton, Indiana.

Many thanks for the courtesies extended us, and I assure you that you will continue to get your share of our orders, as we have used Vaughan's Seeds and Bulbs for thirty two years with good success in nearly every instance-and we have had fair and honest dealings such as an old reliable house like yourselves may well be proud of.

THE MEYERS FLORAL COMPANY.

## Early Double Tulips

Successful florists well know the value of these bulbs when forced for Winter Bloom. They "make up"' splendidly when cut, rivaling the rose for color and shape and often attain the size of a good Peony. Grown in pots and pans they fetch big prices as decorative

Our bulbs are selected by our best growers for our Florist trade and are sure to give satisfaction.

Explanatory: The number preceding the name of the variety denotes the height ininches, 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.

|  | DOUBLE WHITE Per 100 | Per 1000 |
| :---: | :---: | :---: |
| 10b | Boule de Neige, pure white................. . 8325 | \$30 00 |
| 12b | Schoonoord (White Murillo), pure white... . . 325 | 3000 |
| 9 a | La Grandesse; blush-white . . . . . . . . . . . . . . 280 | 2600 |
| DOUBLE PINK |  |  |
| 10b | Couronne des Roses, bright pink, fine forcer. 400 | 3700 |
| 11b | Lac Van Haarlem . . . . . . . . . . . . . . . . . . . . . 410 |  |
| 10b | Le Metador, dazzling scarlet. . . . . . . . . . . . . 310 | 2800 |
| 10b | Lord Roseberry, deep rose .............. . . . . 310 |  |
| 14b | Lucretia, deep rose..................... . . 275 | 2500 |
| 7 a | Murillo, (Fancy) large pink sort suffused with white |  |
| 8 a | Peach Blossom (New), bright pink........ 700 | 6500 |
| 8 b | Salvator Rosa,' beautiful deep rose........... . 360 | 3300 |
| DOUBLE YELLOW |  |  |
| 12b | Brimstone Beauty pale yellow shaded apricot 250 | 2300 |
| 10a | Couronne d'Or (Crown of Gold), beautiful rich golden-yellow; fine forcer. ............... . 350 | 3200 |
| 8 a | Mr. Van der Hoeff, pure yellow.... ........ 500 | 4500 |
| DOUBLE RED |  |  |
| 9a | Imperator Rubrorum, bright scarlet; showy. $3 \mathbf{7 5}$ | 3500 |
| 8 b | Rubra Maxima, dazzling scarlet. . . . . . . . . . 300 | 2700 |
| 9 b | Vuurbaak, bright scarlet with orange flush.. 425 | 4000 |

## DOUBLE STRIPED OR OTHERWISE COLORED

20c Blue Celeste, Mauve, purple; late ..... 350 ..... 3200
9b Gloria Solis, scarlet yellow border ..... 275 ..... 2500
8a Titian, scarlet edged yellow ..... 2700
8b Tournesol, red and yellow; very showy ..... 375
8a Toreador, scarlet-edged buff-yellow ..... 5004500

## Darwin Tulips

## The most profitable of all Tulips for Florists' use.

0late years, growers are realizing that these are the biggest money-makers of the whole Tulip race.
The stately beauties are borne on stems often 3 feet high, the colors running from almost black to the loveliest pinks, crimsons, lilac, mauve, and many other light or pastel shades. Grown under glass, they force admirably with gentle heat, and seem to develop more delicate shades than out of doors. Those that force best are marked (f). Per 100 Per 1000 Baronne de la Tonnaye, (f) bright pink...........\$2.60 \$23.00

Bartigon, (f) fiery crimson. . . . . . . . . . . . . . . . . . . . . . 4.00
Clara Butt, (f) soft salmon-pink . . . . . . . . . . . . . . . . . 2.50
Dream, (f) soft lilac. . . . . . . . . . . . . . . . . . . . . . . . . . . 3.00
Europe, (f) glowing salmon-scarlet. . . . . . . . . . . . . . . . 3.25
Farncombe Sanders, (f) rich, brilliant scarlet...... 3.60
Glow, brilliant red. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3.40
Gretchen, (f) soft blush, splendid forcer. . . . . . . . . . 2.60
Harry Veitch, dark brown red. . . . . . . . . . . . . . . . . . . 3.25
King Harold, dark maroon scarlet . . . . . . . . . . . . . . . 3.25
La Tulipe Noire, finest black . . . . . . . . . . . . . . . . . . . 3.40
Leonardo da Vinci, shining violet-black....... . . . . . 3.10
Massachusetts, (f) vivid pink, forces well. . . . . . . . . 3.40
Mme. Krelage, soft rose, margined blush.......... 3.50
Mrs. Cleveland, (f) beautiful delicate flesh color . . . 3.00
Nauticus, large cherry-rose.
2.60

Painted Lady, creamy white.
2.60

Pride of Haarlem, (f) carmine rose
2.50

Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer... . . . . . . . . . . . . 5.25
Prof. Rawenhoff, cherry rose, white and blue base. . 3.75
Rev. H. Ewbank, (f) vivid heliotrope-lilac. . . . . . . 2.60
Sieraad van Flora, bright red and blue. . . . . . . . . . . 3.10
Sultan, maroon black.
2.40

Suzon, (f) soft pink with blush-white margin. . . . . 3.10
Wm.Copeland, (f), new, bright violet; for forcing only 3.25
William Pitt, brilliant carmine.
5.00

White Queen, (f) white passing to pink
3.10

Zanzibar, glossy maroon, blue and white base
3.60

Zulu, rich velvety purple-black.
3.00
2.00
36.00
22.50
27.00
30.00
33.00
31.00
23.00
30.00
30.00
31.00
28.00
31.00
32.50
27.00
24.00
24.00
22.50
47.50
35.00
24.00
28.00
22.00
28.00
30.00
45.00
28.00
34.00
27.00
18.00


## May-Flowering or Cottage Tulips

T
THESE Tulips should be handled more by Florists than they are at the present time. They are very beautiful in their unique shapes and exquisite colors, and many are deliciously perfumed. They can be largely used in all Hardy Plant borders, and for cut flower trade a permanent planting will be found a much needed source of supply. Some can be gently forced like Darwins, and are marked ( $f$ ) thus.
Bizards all col
Bouton d'Or, (f) pure yellow, fine for cutting . . $\quad 2.60 \quad 24.00$
Byblooms, mixed flowers beautifully blotched
with pink, crimson, scarlet, rose, blue and purple.
Caledonia, bright orange red
Columbus (Gala Beauty), yellow, feathered and splashed red; sweet scented

### 4.00

2.60

Elegans, (f) dark crimson
2.40
dered deep yellow
Fairy Queen,(f) rosy-heliotrope, with yellow margin 2.60
Gesneriana "Orange Globe," brilliant orange-red 2.50
Gesneriana Spathulata, (f) scarlet, blue center, sweet-scented, one of the best
3.00

Gesneriana Lutea, (f) golden-yellow, sweet scented.
A splendid one under glass, on account of its color
and perfume.
2.75

Glare of the Garden, brilliant crimson
Inglescombe Pink, (f) salmon-rose, fine forcer. . . . . 3.10 28.00
Per 1000

Inglescombe Scarlet, brilliant scarlet, large flower
3.10

Inglescombe Yellow, (f) rich yellow; splendid under glass, especially for growing with Darwins.
Isabella, (f) large, deep pink, rather dwarf.
Ixioides, clear yellow pointed flower with black base 3.60
John Ruskin, salmon-rose with pale yellow margin
La Merveille, scarlet suffused with orange
Maiden's Blush (Picotee), (f) white recurved petals, margined rose
2.60

Moonlight, large egg-shaped flower of a clear pale yellow color.
3.00
3.50

Mrs. Moon, (f) immense golden-yellow, tall, sweet scented. Best yellow late Tulip
Parisian White, (f) pure white
2.75

Parisian Yellow, pure yellow................
Royal White, white, center creamy yellow
4.25

The Fawn, (f) light grayish rose, changing to rosy white.
2.75

Vitellina, pale primrose changing to white............ 2.75
FINEST MIXED.
28.00
28.00
25.00
24.00
34.00
27.00
25.00
24.00
28.00
32.50
26.00
25.00
40.00
25.00
25.00
17.50

## Breeder Tulips

Apricot, bronze shaded apricot, olive base
Bronze Queen, golden-yellow bronze. . .

100
$\$ 4.00$
2.80
3.10
3.00
4.10
${ }^{1000}$ $\$ 36.00$
26.00
28.00
27.00
38.00

Louis XIV., rich purple with golden bronze margin $\$ 15.00$ Madame Iethierry, dark cherry rose Prince of Orange, orange scarlet edged light yellow Queen Alexandria, bright yellow with orange blotch Yellow Perfection, light bronze yellow Mixed, all colors.

See our Retail Catalogue for many other varieties

## Vaughan's Single Forcing Tulips



SINGLE TULIP

## SINGLE SCARLET, ORANGE AND CRIMSON

|  |  |  |
| :---: | :---: | :---: |
|  | Artus, deep scarlet; a splendid bedder,...... \$2 50 | \$23 00 |
|  | Belle Alliance, scarlet good bedder or forcer . . 350 | 3200 |
| 8 a | Couleur Cardinal, brilliant crimson; fine bedder 400 | 3600 |
| 7 b | Cramoisi Brilliant, bright scarlet.......... 230 | 2100 |
|  | Duc Van Thol, scarlet; very early . . . . . . . . . . . 260 | 2400 |
| 7 a | Dusart, dark red. . . . . . . . . . . . . . . . . . . . . . . 260 | 2400 |
| 10b | Fred Moore, dark orange, edged yellow. . . . . . 240 | 2200 |
|  | Prince of Austria, orange-vermilion; large 325 | 3000 |
| 12a | Sir Thomas Lipton, rich crimson-scarlet..... 325 | 3000 |
|  | Thomas Moore, apricot-orange. . . . . . . . . . . . 250 | 2300 |
|  | Vermillion Brilliant, dazzling vermilion-scarlet; very fine for pots, and showy bedder. 410 | 380 |

## Parrot Tulips

Magnificent, large, showy flowers; excellent for cutting, standing well for several days. The varieties offered are most distinct.


OF ALL OUR SINGLE EARLY TULIPS, those varieties suitable for forcing under glass, are picked bulbs, strictly first size. The prices for these selected bulbs cannot be compared with ordinary stocks of these kinds, suitable only for bedding outdoors.

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

## SINGLE WHITE

|  | Per 100 | Per 1000 |
| :---: | :---: | :---: |
|  | and rose. . . . . . . . . . . 2.10 | \$1800 |
| 10a | Princess Helena, pure rich white.......... 2.50 | 23.00 |
| 9a | Pottebakker White, pure white; large, showy flower. |  |
| 18b | Van Vondel, pure white; fine forcer...... . . . . 3.10 | 8. |
| 15b | White Swan, (true) pure white . . . . . . . . . . . . 2.80 |  |
| 17a | White Hawk, white; very fine............. . . . 3.60 | 34.00 |

## SINGLE PINK AND ROSE

| 13b | Flamingo, carmine-rose, white shaded....... $\$ 3.75$ | \$34.00 |
| :---: | :---: | :---: |
| 8 b | Mme. Frylink, very fine pink; for forcing. . . 4.00 | 36.00 |
| 9 a | Mc Kinley, orange-red, shaded c irmine; early. 3.10 | 28.00 |
| 10a | Queen of the Netherlands, delicate pink.... 3.25 | 30.00 |
| 12b | Pink Beauty, bright rose-pink shading to blush-white. | 50.00 |
| 12a | Princess Wilhelmina, deep rosy red, flushed white. | 25.00 |
| 9 a | Proserpine, glossy pink; forces early ........ . . 5.00 | 45.00 |
| 8 a | Prosperity, fine pink . . . . . . . . . . . . . . . . . . . 2.75 | 25.03 |
| 7 b | Roos Van Dekama, dark pink . . . . . . . . . . . 4.25 | 40.00 |
| 7 b | Rose Gris de Lin, delicate rose, flushed white. 2.25 | 20.00 |
| 7 b | Rose Luisante, brilliant deep pink.......... 4.50 | 43.00 |
| 8 a | Vaughan's New Pink, nice pink, shaded white. 3.50 | 32.00 |

## SINGLE YELLOW

8 b Chrysolora, golden-yellow; one of the best bedders. ..... $\$ 2.60$
7a Gold Finch, golden-yellow, sweet scented22.00
10a King of the Yellows. Pure yellow ..... 2.50
7a Mon Tresor, pure yellow; large cup. ..... 2.75
10b Rising Sun, golden-yellow ..... 3.50
8b Yellow Prince, golden-yellow; fine forcer ..... 2.60
23.00

## SINGLE STRIPED, MARGINED

9b Duchess of Parma, orange-scarlet, suffused yellow edge
$\$ 27.00$
6a Duc de Berlin, clear scarlet, edged yellow.... $2.75 \quad 25.00$
10b Kaizerkroon, red, with distinct wide golden border, one of the finest early tulips. . ...... . 3.50
8b President Lincoln, light violet................ 2.75
7b Wouverman, dark violet. ....................... 2.60

## TULIP MIXTURES (Early)

Our mixtures are made up from large-flowering bright colors, will bloom at about the same time, and give good satisfaction.
Single Early, extra fine mixed
$\$ 1.80$
$\$ 16.00$
Single Early, Vaughan's Special . . . . . . . . . . . . . . . . . . 2.40
Double Early, ${ }^{\text {extra fine mixed. . . . . . . . . . . . . . . . . . . } 2.00}$
22.00

Double Early, Vaughan's Special
2.75
17.50

TULIPS TO COLOR



## Narcissus-large trumpet varieties

## ALL YELLOW

Conqueror. Free blooming bold, enormous flower, its perianth often reaches a diameter of 13 centimetres, large widely expanded yellow trumpet, fairly flat perianth pale primrose, long stem, a grand novelty. Double nose.
Emperor, rich yellow flowers, trumpet immense.
Emperor, large double nose.
Golden Spur, rich yellow; very early Golden Spur, "Double Nose Bulbs." Extra.
Glory of Leiden. Large bulbs, large yellow, very fine
King Alfred. Double nose, rich golden-yellow.
Minister Talma. Golden yellow trumpet with yellow perianth. A
very robust grower and free-flowering variety, producing large erect very robust grower and free-flowering variety, producing large erect
flowers of great substance. It blooms nearly as early as Colden Spur outside as well as when forced. Double nose
VAUGHAN'S CHRISTMAS GLORY. Perianth pale yellow and full.
Medium size trumpet of rich yellow, well expanded and prettily frilled. Very productive, large bulbs giving from three to six blooms each. A week to 10 days earlier than any other. Invaluable for its earliness and free-blooming qualities.

## BICOLORS $\begin{gathered}\text { WHITE PERIANTHS } \\ \text { YELLOW TRUMPETS }\end{gathered}$

Duke of Bedford, massive flower, pure white perianth and large expanded yellow trumpet.

Empress, large double nose.............................................
Glory of Noordwyk. Double nose, a grand bicolor, large yellow trumpet petals, sulphur-yellow
Miss Ellen Terry, pure white perianth, yellow trumpet.
Mme. Plemp, pure white perianth, golden trumpet...
Mrs. Walter T. Ware, pure white, golden trumpet
650
Princeps Maximus, perianth sulphur-white, trumpet yellow
Princeps, Maximus large double nose
6000

Victoria, pure white perianth with large yellow trumpet, extra large
flower and easy forcer
Victoria, large double nose.
Weardale Perfection, perianth white, trumpet sulphur, flowers last a
long time.
$\begin{array}{lll}15 & 00 & 130\end{array} 00$

## ALL WHITE

White perianths, with white or sulphur trumpets, which change to white as the flowers mature.
Mme. de Graaff, largest pure white, creamy trumpet
Mrs. Thompson, a very early pure white.
$\begin{array}{rrrr}\text { Per } 100 & \text { Per } 1000 \\ . \$ 5 & 00 & \$ 45 & 00 \\ 3 & 50 & 32 & 00\end{array}$

## INCOMPARABILIS-Medium Sized Trumpets

Autocrat, large full yellow perianth, yellow cup.
Beauty, sulphur-yellow perianth, large yellow cup, margined orange scarlet. Homespun, a primrose "Sir Watkin." Excellent for pots
Lucifer, white perianth, intense glowing scarlet cup
Sir Watkin, yellow, with golden-yellow crown
Sir Watkin, "Mother Bulbs"
Will Scarlet, fiery orange-red, very broad and wide open

Per 100 Per 1000 $\begin{array}{lll}\$ 4 & 50 & \$ 40 \quad 00\end{array}$ $\begin{array}{rrr}\$ 450 & \$ 40 & 00 \\ 4 & 00 & 3500\end{array}$ $700 \quad 6500$ $325 \quad 300 \mathrm{C}$ 4003500 $550 \quad 5200$ $\begin{array}{rrr}1500 & 130 & 00\end{array}$

## MEDIUM AND SMALL CUPS

## BARRI-Small Cupped Varieties

| Albatross, perianth white, cup | $\begin{array}{c}\text { Per } \\ \text { pale citron-yellow, frilled edged, } \\ 100\end{array}$ |
| :---: | :---: |
| 1600 |  | pale citron-yellow, frilled edged, 100 orange-red.

$\begin{array}{ll} & 00 \\ \$ 35 & 00\end{array}$
Conspicuus, yellow crown, edged orange red..
$350 \quad 3000$
Glitter. A very charming flower with clear soft yellow perianth, the segments broad and overlapping, expanded short cup, beautifully edged with bright scarlet.
$4 \quad 50 \quad 40 \quad 00$
Incognita, white perianth, flat
apricot cup.
$\begin{array}{lll}15 & 00 & 130\end{array} 00$
LEEDSII, or White Incomparabilis
Duchess of Westminster, pure
white perianth, primrose cup
changing to white............ ${ }^{\text {ch }}$
Evangeline, pure white perianth,
lemon-yellow cup.
400
3700

Gloria Mundi, clear yellow per-
ianth, orange scarlet cup.....
Mrs. Langtry, white, with prim-
rose cup.
460
4200

White Lady, white perianth,
pale canary cup.............. 400
3500

## POETICUS-Poets' Narcissus

Pheasant's Eye, the well-known Per 100 Per 1000 Poet's Narcissus, late.
$\$ 200 \quad \$ 1800$
Ornatus, pure white perianth, with broad yellow cup, margined Per 100 Per 1000 scarlet. Finest early forcer... \$2 $00 \quad \$ 1700$
Ornatus, "Mother Bulbs"..... 310 . 2800
Almira or King Edward VII, pure white perianth, cup yellow margined orange.
Glory of Lisse, much better than Pocticus Grandiflorus. Pure white, yellow cup.
$400 \quad 3500$

## POETAZ-Polyanthus $X$ Poeticus

Per 100 Per 1000
Alsace, white, yellow eye, edged red $\$ 450 \$ 4250$
Aspasia, white perianth, yellow cup $450 \quad 4250$
Elvira, white petals, yellow cup, edged orange.
Klondyke, perianth yellow, cup deep yellow
$450 \quad 4250$
yelow
$500 \quad 4500$
Laurens Koster. White perianth, cup sulphur ye'low, passing into white.
$500 \quad 4500$
Triumph. Perianth white, cup deep yellow
$500 \quad 4500$


## Paper White Grandiflora

FOR the first time in the history of the South France Bulb Trade to our knowledge, this crop has been secured by foreign buyers or their agents at buyers prices. The crop was a large one, too large to dispose of at prices growers tried to obtain. Further, the American demand had been greatly reduced by the excess prices demanded by French growers in Fall 1922 and many liberal planters of these bulbs in the United States resented the high prices which made it impossible to wholesale the cut blooms at a profit American importers in Fall 1922 found their orders reduced to $25 \%$ of early orders because of double cost. Overloaded with these high cost bulbs dealers had difficulty in disposing of their supply.

For this season of 1923, therefore, no American dealers were willing to again risk an overstock-all waited for a break in price which the big crop reports seem to insure. This Price Break came about July 14 and continued some days, may not have reached bottom yet (Aug. 10).

Our very low prices here shown and the unusually large sizes available place these useful and popular bulbs in the profitable reach of every grower and every shop florist or seedsman where they are sold for pots or bowls and this represents probably half the country wide demand

At the price, use the big ones, 14 's and 15's.

## Our Grades of Paper Whites



We can supply 14 ctm . Grandifloras in quantity for the first time in 10 years !

## Japanese Lily Bulbs

PRICES on all Japan Lily Bulbs are, like French Bulbs, more reasonable than in recent years. The Big Question for growers is GRADING and this we guarantee. 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 exactly match the sizes we invoice them.

## Lilium Giganteum

Market conditions on these are not yet known as we print this. Write us if you are especially interested in Lilium Giganteum of best type. It is believed the harvest will be larger than in Fall, 1921, but not yet any overproduction in Japan.

## Giganteum, Dark Stem

| 6 to 8-inch (400 to cas |  |
| :---: | :---: |
| 7 to 9 -inch ( 300 to case) | Write |
| 8 to 9-inch (250 to case) |  |
| 8 to 10-inch (225 to case) | Prices |
| 9 to 10 -inch ( 200 to cas (scarce) |  |

## Formosum $\begin{gathered}\text { Cold Storage } \\ 10 \\ \text { Days } \\ \text { Days }\end{gathered}$

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 thus giving the growing plants of different heights proper light and watering.
N. B.-Ten days in cold storage before
planting is sure to benefit the crop.

6 to 8 -inch ( 400 to case) . . . . $\$ 100$

## THE CANDY=STICK TULIP

This Tulip is suitable for slow forcing. In color it resembles the old-fashioned candy-stick. Red and white. Рer $100, \$ 2.75$; per $1000, \$ 25.00$.


Marshalltown, Ia., June 23, 1923. We wish to congratulate you on the Cold Storage and new Lilium Giganteum Bulbs, which have given us 2 to 4 blooms from 7 to $9-\mathrm{in}$. bulbs. All wonderful wonders. I may double my order for next year. Had very good success with your Dutch Bulbs. Kemble Greenhouses,

Per C. JENNINGS, Manager.


LIL, Y OF THE VALLEY
PRICES:
20-22 ctms 22-24 ctms 24-26 ctms 26-28 ctms


Lilium aiganteum

## 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 indiscriminate 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.

WRITE FOR PRICES.

## 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.

| Northern Grown | Southern |
| :---: | :---: |
| Grown |  |
| Thick Petaled |  |
| Per 100 | Per 100 |
| .$\$ 1200$ | $\$ 1000$ |
| 1500 | 1200 |
| 1800 | 1500 |
| 2500 | 2000 |

Thick Petaled Grown Per 100 Per 100
$\$ 1200$
$\$ 12$
1800
1500
2500
2000

## Lilium Harrisii

THE BERMUDA EASTER LILY
The grading of these bulbs and digging date under supervision of Bermuda official has greatly improved. Crop is reported good.

6 to 7 -inch ( 335 bulbs to case)
$\begin{array}{ll}100 & \text { Case } \\ \$ 1600 & \$ 50 \\ 00\end{array}$
7 to 9 -inch ( 200 bulbs to case)
$\$ 1600 \quad \$ 5000$
8 to 10 -inch ( 150 bulbs to case)
$\begin{array}{llll}26 & 00 & 50 & 00 \\ 3500 & 50 & 00\end{array}$
9 to 11-inch ( 100 bulbs to case)
$3500 \quad 5000$

Abby Are 15,1023
Abby Ave. Greenhouses
Dayton, Ohio, February 15, 1923.
Vaughan Seed Store, Chicago, Ill.
We are so pleased with the Harrisii Lilies that you may double our order for same for the coming season.
ducing from 3 to 7 blooms each.

Respectfully Yours,

## Hardy Japan Lilies

## AURATUM-GOLD BANDED

The most beautiful and popular variety of all the Lily family. 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 ( 200 bulbs to a case)
9 to 11 inches ( 125 bulbs to a case)
\}Write for prices. 11 to 12 inches ( 75 bulbs to a case). $\qquad$

## AURATUM PLATYPHYLLUM

This is without a question one of the most wonderful Lilies in cultivation. The flowers are similar in color to Auratum, heavily spotted, but are much larger, the petals more overlapping, and of greater substance.
$8-10$ inches ( 160 bulbs to a case) .Write for prices.

## SPECIOSUM RUBRUM

One of the best Lilies for florists' use, being especially valuable for design work. 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.
8 to 9 inches ( 200 bulbs to case)
9 to 11 inches ( 125 bulbs to case)


## SPECIOSUM ALBUM (WHITE)

Splendid companion variety for Auratum and Rubrum.
Pure white, with heautiful recurved petals, very fragrant
8 to 9 inches ( 200 bulbs to case).
9 to 11 inches ( 125 bulbs to case).
$\}$ Write for prices.

## LILIUM MYRIOPHYLLUM

A new and very rare Lily from China. 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 valuDoz. 100 able lily for outdoor planting. $\$ 5 \quad 50 \quad \$ 40 \quad 00$ SPECIOSUM MELPOMENE - Flowers frosted white, spotted, clouded and bearded with pinkish crimson.
$\left.\begin{array}{l}8 \text { to } 9 \text { inches ( } 200 \text { bulbs to case).............. } \\ 9 \text { to } 11 \text { inches ( } 125 \text { bulbs to case)........... }\end{array}\right\}$ Write for prices.
HENRYII-A new, rare and beautiful Lily from Doz. 100 China. The flower stalks, 3 to 5 feet high, carry 5 to 8 flowers each; the color, a rich apricot-yellow. lightly spotted with brown.
HANSONI-Flowers reddish orange, 8 to 12 in cluster; petals thick and durable. Under favorable conditions it attains a height of 3 to 4 feet.
CANADENSE-Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs

## ELEGANS MIXED

PARDALINUM-Leopard Lily. Rich scarlet and yellow spotted with rich brown. Robust and freeflowering
SUPERBUM-The finest of the native Lilies. Flowers bright orange-red thickly spotted with purple. Remarkable for immense height and profusion of bloom; a strong plant bearing from 20 to 36 flowers
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

UMBELLATUM-A beautifil companion to Lilium Candidum, as it comes into bloom at the same time. Colors range from decpest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th

[^1]

## LILIU.M RUBRUM

## Miscellaneous Bulbs

## VAUGHAN'S NEW HVBRID AMARYLLIS

One of the finest strains of Amaryllis we have ever seen, raised by an eminent grower whose entire stock and hybridization for a dozen years we have purchased in its entirety. Flowers are immense, borne mostly two and three to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains. The bulbs are all large, three inches or above and are sure
bloomers. bloomers.

Prices, per doz., $\$ 5.00$; per $100, \$ 35.00$.
OTHER AMARYLLIS
Belladonna Major. Pink. Per doz., \$2.00; per 100, \$15.00.
Equestra. Orange-scarlet. Per doz., $\$ 2.00$; per $100, \$ 15.00$.

## CALOCHORTUS or MARIPOSA TULIP

These famous California flowers possess much delicacy and brilliancy of coloring They 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, $\$ 25.00$.

## White Callas

## (Aethiopica)

These can be grown at less expense during the winter months, requiring less heat than other lilies.

We take great pains in securing every year bulbs which are well ripened and cured, purchasing our stock from growers in California who thoroughly understand the raising, curing and shipping of these bulbs. The serious free $e$ in California has materially hurt this crop as it did the Freesia crop. Growers who have used Calla roots with profit should secure this year's supply early.


Elliotiana. Watch the crowds who admire this striking clear yellow flower at the big shows and you will find buyers interested. If you are in the retail plant trade don't fail to give it a trial with 25 to 50 bulbs.

| , | Per 100 | Per 1060 |
| :---: | :---: | :---: |
| 11/4inch. | \$13 50 | \$12500 |
| 11/2 inch | 1700 | 15000 |
| 2 inch | 2200 | 20000 |

## Chinese Narcissus

## Our Own Importation Direct From Amoy China

This is undoubtedly one of the best selling ,ulbs for the retail counter trade, flowering n water and yravel in three to five weeks from the time of planting.
Select Size. Per basket 30 bulbs, \$2.40. Per $100, \$ 7.00$. Per $1000, \$ 60.00$.
Mammoth Size. Per basket 30 bulhs, \$3.00. Per $100, \$ 9.00$. Per $1000, \$ 80.00$.
Jumbo Size. Per basket, \$4.25. Per 100, $\$ 12.00$. Per 1000, \$110.00.
American Grown. Select Bulbs. Per 100, $\$ 7.00$. Per 1000, \$65.00.


CHINESE NARCISSUS

## CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon after 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 , $\$ 3.00$; per $1000, \$ 25.00$.
Sardensis. Deep blue. Per $100, \$ 3.00$; pei $1000, \$ 25.00$.

## CROCUS-Large=Flowering

The bulbs are about an inch in diameter, and are sure bloomers.
Albion, blue, striped white Mont Blanc, pure white. Baron von Bruno, dark blue. $\quad$ Qont Blanc, pure white. David Rizzio, deep purple.

Queen Victoria, pure white.
La Majesteuse, white, violet


Non Plus Ultra, blue, white bordered. Othello, dark purple.

Madam Mina, white striped
Sir Walter Scott, white, blue striped
Mammoth White.
Price, of above, per $100, \$ 1.25$; per $1000, \$ 10.00$.
Select Yellow, choice bulbs.

## CROCUS-Mixed Colors



ERANTHIS HYEMALIS (Winter Aconite)
Price per $100, \$ 3.00$; per $1000, \$ 25.00$.

## Freesias-California



This is one of the most profitable and useful bulbs a florist can grow. Equally good for forcing or for pot plants, and can be had in flower from Christmas on, if properly grown.

White Flowers and Large Bulbs are to be had from the stock quoted below. We always believe in selling this stock by samples, and are ready to submit same for comparison. Freesias are earliest Fall stock to mature.


## PURITY (Improved)



Per 1000 $\$ 1.25$
$\$ 7.00$
1.50
10.00
18.00

## New Named Colored Freesias

After many years devoted to crossing and hybridizing by an eminent grower, we are now able to offer these popular bulbs in the folowing distinct colors.
$100 \quad 1000$
Carmencita. Light orange-salmon, ................ \$6.00 $\$ 50.00$
Carrie Budau. Lavender-pink, larger flowers than General Pershing
General Pershing. Lavender-pink, yellow lip some-
what of a bronze cast...............................................
with blush throat, one of the best. . .............. 6.00
Olivette. Bright carmine-red with light yellow
throat, very profuse bloomer
Viola. Violet blue
Yellow Prince. Choice Yellow
Rainbow Mixed . . . . . . . . . . . . . 5.00 . 40.00
Rainbow Mixed. (Our own maxture).... . . . . . . . . $3.00 \quad 25.00$
6.00
3.50
27.00
$6.00 \quad 50.00$
$3.00 \quad 25.00$
50.00

## FISCHERII

(Scarce, planting stock lost by fire)
Finest, Largest, Purest and most Fragrant Freesia. The flowers are very large, measuring two inches across. The stems are long, strong and stiff, it comes into bloom more gradually than Purity, the croplasting more than two weeks makes it very valuable to the florist. Per $100, \$ 6.00 ;$ Per $1000, \$ 50.00$.

## FRITILLARIA

Imperialis, Mixed (Crown Imperial). Per 10f, $\$ 10.00$; per $1000, \$ \mathbf{9 0 . 0 0}$.
Meleagris, Mixed. Per 100, $\$ 4.00$; per $1000, \$ 35.00$.

## Gladiolus-For Winter Forcing

The varieties mentioned below are invaluable 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.

We shall harvest and cure as early as possible with a view to care for orders that require Derember shipment.
America-The finest pink Gladiolus An easy 100
forcer and money-maker for the florist......... $\$ 200$
$\$ 1800$
Augusta -The " Florists" White Gladiolus. Strong healthy, long spikes of flower, color being pure white with blue anthers. Healthy bulbs.

$$
300 \quad 2700
$$

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.
$300 \quad 2700$
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. . . . . . . Color is a bright "Flamingo"
Mrs. Francis King-Color is a bright "Flamingo" and one of the best florist sorts

300
2700

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
$400 \quad 3700$
Panama-Pink.
3503000
Primulinus "Sunbeam'"- Our introduction of 1914. Its strong growth and clear yellow color mark it for a leader in this class; very early...... 78006500

Schwaben-Best yellow
400
3700

## IRIS TINGITANA

A cross between the Spanish and Dutch Iris, and without a doubt one of the finest for forcing. While the most experienced growers frequently only get 60 to 70 per cent. of these bulbs to force satisfactorily, they are much in demand for early flowers. Do not let the temperature exceed 55 degrees day, 45 degrees night. Water regularly as required but keep rather on the dry side than too wet. Give air on favorable days. Per doz., $\$ 1.25 ; 100, \$ 8.00 ; 1000, \$ 75.00$.

## MUSCARI Grape Hyacinth)

Beautiful little flowers for planting in masses either in shade or sun. Once planted, they multiply rapidly and send up flower stems by the score each year planted, they multiply rapidy and send up fower stems ay the score each year. fectly hardy.
fectly hardy.
Blue. Pretty little spikes of dark blue flowers;
an old garden favorit
largely for small beds, edging, etc. Per 100, $\$ 2.50$; per $1000, \$ 20.00$.
Pure White. This is a beautiful companion to the above, and they make a striking show whe
Heavenly Blue. Sky blue. Per $100, \$ 2.50 ; 1000, \$ 20.00$.

> OXALIS


# Greenhouse Plant Department 



DAISY-Mother's Favorite
Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. \& Q. R. R. , fter shipping in good order. Should stomers have any cause for rejecting plants we would suggast that they be accepted under protest, and particulars telegraphed us at 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 for Christmas and Easter or Cold Storage Stock, we cannot entertain claims for allowances in case of darnage in transit, the stock being sold on a basis of actual value.

Plants are from $2^{1 / 4}$-inch pots unless otherwise noted.
Packing will be charged on all orders at cost.

## ASPARAGUS PLUMOSUS NANUS

| Size pots | We are headquarters for select stock. <br> Each | Dozen | Per 100 |
| :---: | :---: | :---: | :---: |
| Seedling. | Per 1000, \$10.00 .... |  | \$1 50 |
| $21 / 4$-inch. |  | 75 | 500 |
| $21 / 2$-inch. |  | 100 | 700 |
| 3 -inch. | \$0 15 | 150 | 1000 |
|  | ASPARAGUS SPRENGERI |  |  |
|  | Each | Dozen | Per 100 |
| 21/4-incb. |  | \$0 60 | \$ 400 |
| 21/2-inch |  | 75 | 500 |
| 3 -inch.. | .. \$0 15 | 150 | 1000 |

## BEGONIA CHATELAINE SUPREME

Will supersede Chatelaine; flowers and foliage four timesaslarge. Doz. Per 100 21/4-inch.


FANCY-LEAVED CALADIUM

| Lumino......... Bright scarlet. Red |  |  |
| :---: | :---: | :---: |
| foliage. | Dozen | Per 100 |
| 21/4-inch | \$1 00 | \$ 600 |
| 3 -inc | 175 | 12 |
| $\underset{\text { pink, shading to carmine rose. }}{\text { Prima }}$ |  |  |
|  |  |  |
|  | Dozen | Per 100 |
| n | \$1 00 | \$ 6 |
| 3 -inch. | 175 | 12 |

## 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 Fobruary delivery. Choice named varietie
$\$ 18.00$.

## CHRYSANTHEMUMS

Bush Plants in Bloom. Fordelivery October 15 th to November 15th we will have a choice lot of plants to offer in all colors, in 6-7-8- and 10-inch pots. Write early for list of varieties, and prices. Also young stock of all leading pot varieties ready for cielivery end of January, 1924.

## COLEUS

Dr. Ross. A fine variety for decorative purposes. Enormous leaves like a Red Begonia, but most exquisitely colored, being a blending of yellow. crimson, pink and green.

Each
$\$ 025$
$\$ 250$

## CROTON

Our stock contains the best varietics for Florists' use.
4 -inch, each, 60 c; dozen, $\$ 6.00$. 5 -inch each, $\$ 1.00$; dozen, $\$ 10.00$. Made up, 3 plents in 5 -inch pots, $\$ 1.25$ to $\$ 1.50$.
Made up, 3 plants in 6 -inch pots, $\$ 1.50$ to $\$ 1.75$.

## CUPHEA PLATYCENTRA (Cigar Plant)

Flowers tubular in s'ape, $1^{11} / 2$ to 2 inches long, and have two bright scarlet wings at the end of each flower.
21/4-inch.
CYCLAMEN
$21 / 2$-inch
3-inch, assorted colors.
4-inch, assorted colors
5 -inch, assorted colors
Ready November and December
6 -inch, assorted colors
Dieffenbachia Magnifica.
3-inch
5-inch

## NEW DAISY

Mother's Favorite. Color, pure white with cream colored anemone center; very free and early flowering. A sport of the popular Chicago White. The greatest merit of this variety lies in its early blooming babit. If grown on the bench for cut flowers, it comes into good crop at the end of April, continuing through May into June. It makes a fine pot plant for spring blooming.
Price for Nov. 15th delivery: 25 for $\$ 6.50,50$ for $\$ 12.75,100$ for $\$ 25.00$, 1,000 for $\$ 200.00$. 250 . at the 1,000 rate.

|  | DRACAENAS | Each | Dozen | Per 100 |
| :---: | :---: | :---: | :---: | :---: |
| Indivisa, 4-inch |  | . $\$ 030$ | \$300 | \$20 00 |
| 5-inch |  | 60 | 600 | 4500 |
| Fragrans, 5 -inch |  | 100 | 1000 |  |
| W 6-inch |  | 175 | 2000 |  |
| Lord Wolseley, 3-inch |  | 30 | 300 | 2000 |
| 4-inch ............ |  | 50 | 500 | 3500 |
| Massengeana, 4 -inch |  | 75 | 750 |  |
| 5-inch |  | 125 | 1200 |  |
| 6 -inch |  | 200 | 2200 |  |
| FICUS BENJAMIN |  |  |  |  |
| Small-leaved, of a dr | habit. Fine for win | dow bo | Each | Dozen |
|  |  |  |  |  |
|  |  |  |  | 250600 |
|  |  |  |  |  |

## FICUS ELASTICA

6-inch, each, $\$ 1.00$; dozen, $\$ 10.00 ; 7$-inch, each, $\$ 1.50$ to $\$ 2.00$.
FICUS REPENS
A trailing or creeping plant with small foliage. Indispensable for hanging baskets, etc. 3 -inch, each, 15 c ; doz., $\$ 1.50$; per $100, \$ 10.00$.

## GERANIUMS



## HYDRANGEAS FOR FORCING

Strong stock ready in November and December
Of all the plants for Easter and Spring flowering this one is probsbly the most popular and important. The following varieties have been selected, after careful consideration, as the most suitable for Florists' use. The imported pot-grown stock is superior. All have 3 to 4 flowering shoots.
Attraction. A very pretty pink, early and free.
Avalanche. A deservedly popular white variety.
Baby Bimbenet. Very dwarf, free and early. Large compact trusses of silvery rose flowers.
Lilly Mouilliere. Bright carmine-rose, one of the best
Otaksa. The old favorite pink which still holds its place as an Easter forcer.
Souv. de Mme. Chantard. A dark pink, an early bloomer and a strong grower.
Trophee. The reddest red. A vigorous grower, free bloomer, of a deeper
shade than Lilly Mouilliere. Has been accorded the most unreserved praise of any variety grown. A real red, an excellent actor.

## Price, any of the above Hydrangeas:

5 -inch.
Each
$\$ 0.65$
6 -inch.
.85
1.25
Doz.
$\$ 6.50$
9.00
100
$\$ 55.00$
70.00
PANSIES-Vaughan's Giant Flowered
Strong Seedlings, ready to transplant October 1st.
Per 100, $\$ 2.50$; per $1,000, \$ 18.00$.
PELARGONIUM
Easter Greeting Ready Sept. 1st


# Vaughan's Cannas <br> <br> SUPERLATIVE COLLECTION 

 <br> <br> SUPERLATIVE COLLECTION}

Dormant roots ready for delivery October 15th.
This short collection comprises the be:t obtainable leading new Cannas of real merit in both size of flower and clearness of color.

## YELLOW KING HUMBERT 4 feet.

An orchid-flowering sport of the well-known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to $31 / 2$ 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 nsider an improvement rather than a defect.
Dozen, 75c; 100, \$5.00; 1000, \$40.00.
KING HUMBERT 4 ft. Scarlet flowers, bronze This remarkable "Gold Medal" Canna has been the sensqtion of the pasteight yesme itis a cross between the orchid-flowering and the French or Crozy type
 character of the other, and the handsome broad, tropical foliage.
Dozen, $75 \mathrm{c} ; 100, \$ 5.00 ; 1000, \$ 40.00$.
HUNGARIA
$31 / 2$ feet. The Best Pink Canna. Very compact almost dwarf and of a very luxuriant growth. Leaves bluish green, never burns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals. Color purest La France-pink, with satin sheen.
Dozen, $\$ 1.50 ; 100, \$ 10.00 ; 1000, \$ 90.00$.
Firebird. 4 ft . The best scarlet green-leaved variety. The flowers are borne in immense trusses, on strong stalks well above the leaves. They are of splendid form, round and shapely. The petals measure and sometimes exceed $21 / 2$ inches across, s sear glistening scarlet without any streaks, spots or blot hes. We have seen and tested many varieties during the years we have devoted to their culture and have never seen one that can approach it.
Dozen, $\$ 1.20 ; 100, \$ 8.00 ; 1000, \$ 75.00$.
Alphonse Bouvier. 5 ft . Crimson, strong grower ..... very rich and unusually atsractive with its large flow-
ers held on firm, straight stems in large trusses well
ers held on firm, straight stems in large
above the foliage; strong, vigorous grower
Brightness. 4 ft . Color deep shade carmine-rose.
Brightness. ${ }^{\text {Particularly pleasing and unique. Size of both trusses }}$
Particularly pleasing and unique. Size of both trusses and flowers enormo
Beaute Poitevine. $3 \dot{3} / 2 \mathrm{ft}$. Largest and best erimson.
City of Portland. $31 / 2 \mathrm{ft}$. A wonderful bright rosy-
Doz. ${ }^{100} \quad 1000$ pink. Much deeper in color than Mrs. Alfred Conard. A free-flowering vigorous grower
Chas Henderson. 4 ft . Crimson fowers. Good bedder. Roots winter well.
Cavid Harum. $31 / 2 \mathrm{ft}$. Dark bronze foliage. Strong grower
and one of thefreest blooming Cannas we have everseen. Eureka. 4 ft . The best white for massing, a robust grower making sturdy, shapely plants.
Forence Vaughan. 5 ft . The most famous yellow Canna. Introduced by us in 1892, it still remains indispensable in its class
Gustave Gompper. $31 / 2$ to 4 ft . "Flowers of great size and substance, in color, a fine golden-yellow, the lower petals being slightly splashed with red. Stiff erect stems and large flower spikes.
Louisiana. 6 ft . Very large beautiful vivid scarlet orchidlike flowers, of ten measuring 5 to 6 in . across. Foliage a gad. Crozy. $31 / 2 \mathrm{f}$ t. "Vermilion with gold border. "The sort which popularized the Canna
Meteor. 4 ft. Immense brilliant crimson heads of large round-petaled flower. The spikes are large and clear. . Mrs. Alfred Conard. 4 ft Green foliage. Flowers Niagara. 3 ft. Deep crimson with wide irregular border or deep golden-yellow, G.e. 1 foliage. Bright orange with Orange Bedder. 4 ft . Green foliage. Bright orange with of color. A very free bloomer.
Pink Delight. $31 / 2$ ft. Soft shell pink with darker shade at base of petals. Flowers large with rounded petals. Large trusses carried well above the foliage; a strong


POINSETTIA PULCHERRIMA

Queen Charlotte。 $\quad 4 \mathrm{ft}$. $\quad 5000$ orange-scarlet with a broad gilt edge. Doz., 60c; 100, $\$ 4.00 ; 1000, \$ 30.00$.
Souv. DeA. Crozy. 4 ft . Crimson with yellow border. Doz.
$60 \mathrm{c} ; 100, \$ 4.00 ; 1000, \$ 30.00$. The President. 4 ft . Green foliage. Color rich glowing scarlet immense rounded flowers which are carried on strong erect stalks well above the foliage. Doz., 85c; 100, $\$ 6.00 ; 1000, \$ 50.00$.
Venus. $31 / 2 \mathrm{ft}$. Rosy-pink, mottled creamy yellow der. Doz., 60c; 100, $\$ 3.50$; 1000, \$27.50.
Wintzers Colossal. 5 ft . Green foliage. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses. Doz., 60c; 100, $\$ 4.00 ; 1000, \$ 30.00$.
Wyoming. Bronze foliage. Flowers a beautiful shade of orange. Doz., 60c; 100, $\$ 3.50$; 1000 , $\$ 27.50$.


## PRIMULAS-Primroses

Obconica Grandiflora. Grown from our own seed. Each

| Doz. | 100 |
| ---: | ---: |
| $\$ 1.50$ | $\$ 10.00$ |
| $\mathbf{3 . 5 0}$ | 25.00 |

## SOLANUM

CLEVELAND. (New). Heavily berried plants with large, round berries carried well above foliage. 4 inch, each, 40 c ; doz., $\$ 4.00 ; 100, \$ 30.00$.

## Ferns

## ADIANTUM CUNEATUM MONTEREY

We take pleasure in calling the attention of growers of cut fronds to this variety which we believe will prove superior to and displace all varicties of this type on account of its vigorous, rapid growth, and the exceptionally longthis type on account of its vigorous, rapid growth, and the exceptionally longstemmed fronds which it produces. Like the variety California, it originated pinnae but longer in the frond. A rich, lively green in color, and of excellent pinnae but longer in the frond. A rich, $\$ 3.50 ; 100, \$ 25.00 ; 1000, \$ 225.00$.

## VAUGHAN'S BOSTON

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

4 in . and 5 in . ready now, balance ready Oct. and Nov.

|  | Each | Doz. | 100 |  | - Each | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4 in | \$0.40 | \$4.20 | \$30.00 | 7 in . | \$1.25 | \$13.75 | \$100.00 |
| 5 in. | . 60 | 6.60 | 50.00 | 8 in. | 1.50 | to 2.00 | each. |
| 6 in . | . 85 | 9.60 | 75.00 |  |  |  |  |

VERONA. A handsome new variety of the Elegantissima type, somewhat resembling the N. Whitmani, but with finer ostrich plume foliage and with a stiffer midrib which makes the fronds stand up better than most varieties of the lace feras.


## POINSETTIA PULCHERRIMA

Up to September 30th we can supply strong plants, fine for panning up. 21/4 in. pots. After September 30 write for special price.
Each, 15c; Doz., $\$ 1.25 ; 100, \$ 8.00 ; 1000, \$ 75.00$.
Each, 15 c ; Doz
Size Planta
Size Plants
pan each
5 in.......
$\begin{array}{cc} & \\ \text { Each } & \text { Dize } \\ . \$ 075 & \$ 800 \\ 802 & \text { pan } \\ 8 & \text { in. }\end{array}$
Plants


## Vaughan's Roses

New and Choice Varieties

ANNIE LAURIE. This new rose is best described by saying it is really a Double Butterfly, with a deeper pink color that gradanly rades into a tinge of gold at the base of each petal. It has Certificate of Award Minneapolis Flower Show; Certificate of Award Denver Flower show; Blue Ribbon St.' Louis Flower Show; Blue Riblon Minneapolis Flower Show; Blue Ribbon Council Bluffs Show
ANGELUS. White with cream-tinted center. A big rounded rose like Premicr in form, but with a higher center; very lasting and fragrant. Foliage dark green, disease resistant. A vigornd uprint Fonage darkereen, 1
CLOTHILDE SOUPERT. Pearly white, changing to rose-pink CECILE BRUNNER. (Dwarf Polyanthus). There is no doubt about the present popularity of this grand rose. The buds first appear rose-pink, shading to salmon and orange in the center, toning to pale flesh
CYNTHIA FORD
CYNTHIA FORD. A delightfuliy fragrant large double rose of DOUBLE WHITE KILLARNEY." Pure white; free-blooming GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all
GOLDEN OPHELIA.. (Hybrid Tea). A distinct novelty. This is a seedling from the well-known variety Ophelia. It is a sturdy stiff-stemimed grower with beautiful foliage, quite closely set and glossy
KAISERIN. One of the best white out door roses.
MME. BUTTERFLY. A glorified sport of Ophelia with ali the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. A free grower and bloomer with large MRS hsome foliage free from mildew. Price, own root.
MRS. AARON WARD. Flowers are full and double; in color a PREMIER. A clear pure shade of rose-pink; deep rose-pinik in cooler weather. Its freedom of bloom and quick succession of crops makes this a most productive variety.
RELIANCE. Brilliant rosy-carmine shaded with rich opaline. pink tints in the open flower which is large, full, of fine form with cupped petals. A constant and fragrant forcer, producing strong, upright canes and an excellent keeper in summer
RED RELIANCE. A bricht, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance." A splendid forcer as well as good out-door rose.. SUNBURST. A magnificent rose. The color is orange-copper or golden-orange-with a deep orange center. Buds long and pointed; strong grower and adapted for forcing and out-door growing

4-inch pots
$\$ 6.00 \quad \$ 40.00$
$4.50 \quad 35.00$
$2.50 \quad 35.00$
$2.50 \quad 18.00$
$3.00 \quad 20.00$ $3.50 \quad 25.00$ $3.00 \quad 20.00$ $\begin{array}{ll}3.50 & 25.00 \\ 3.00 & 20.00\end{array}$ $3.50 \quad 25.00$ $4.00 \quad 30.00$
$4.00 \quad 30.00$
$3.00 \quad 20.00$
$3.00 \quad 20.00$
20.00 $\qquad$ N'S WHITE BABY. The fowers are borne in clusters of 25 to 50 individual flowers one inch in diameter and pure snow-white. For cemetery use of great value, being perfectly hardy

## DOROTHY PERKINS

$3.00 \quad 20.00$


## Hybrid Perpetual Roses

## 2-YEAR FIELD GROWN (Ready after November 1st.)

## ANNA DE DIESBACH. GEORGE ARENDS MAGNA CHARTA

 FRAUKKARL DRUSCHKI GEN. JACOUEMINOT Bright crimson Bright crimsonPrice, any of the aboveros
GReautiful clear pink
Deep pink
MRS. JOHN LAING. Bright pink

Each, 50c Pacqueminot Jruneminot, J, B. Clark, Gruss an Teplitz, Mrs. John Laing, Magaa Charta, Paul Neyron and Ulrich Brunner. Price, each, 85 c ; doz., $\$ 7.50$.
LOS ANGELES. Color a flame-pink toned with coral and shaded with translucent gold at the base of the petals. Sirong grower with stems as long as an American Beauty. The flowers are as large as Paul Neyron, forming long and are as large as Paul Neyron, forming long and pointed buds; its freedom and continuance of $\$ 1.25$; doz., $\$ 12.00$.

## Climbing Roses

2-year feld-grown. Ready after Nov. 1st.
CLIMBING AMERICAN BEAUTY. Rosycrimson flowers produced freely. Strong, vigorous grower. Each. 60c; doz., $\$ 5.00 ; 100$. $\$ 40.00$.
DR. VAN FLEET. This variety shows a mass of beautiful clustered buds which open out in large, shapely flowers; delicate flesh-white DOROTHY PERKINS. The best of the Pink Ramblers.
EXCELSA pot plants. Ready now
ded crimson and scarlet, large full trusses,
FLOWER OF FAIRFIELD. Flowers are produced in profusion of a fine erimson color and more lasting and brilliant than the Crimson Rambler PAUL'S SCARLET CLIMBER. This is without question the must important addition to the list of climbing roses. Its Brilliancy of color which is a vivid scarlet that is maintaincd without burning or bleaching until the petals sall. The fiowers are of medium size, semi-double, very freely produced in clusters. Has been awarded several medals and during the summer of 1918 was awarded the much-coveted Gold Medal at the Bagatelle ROSERIE Paris.
ROSERIE. True cerise-pink; strong grower and good producer; a sport from TAUSENDSCHON." Rosy-carmine changing to pink, the various shades on the one plant make a grand effect. WHITE DOROTHY PERKINS
except color, being pure white.



AQUILEGIA (Columbine)

## Hardy Perennial Plants <br> All Perennials are Furnished in Strong Pot Plants

 or Divided Field Clumps.Not less than 6 sold at the dozen rates, or 25 at the hundred rates.
ACHILLEA, The Pearl.........................
ALYSSUM
Saxatile Compactum (Basket of Gold),
1ft. Greatly prized for its masses of gol den-yellow flowers.
ANTHEMIS Kel wayi, golden-yellow
AQUILEGIA (Columbine)
Chrysantha, Alba, 3 ft, Large-flowering Chrysantha
pure unite, long spurs
Mrs. Scott Elliott s Strain of LongMrs. Scott Eyrred Hybrids. The flowers are very large and of distinct shades of blues, large and of distinct shades of blams, lavenders, mauves, whites, creams
pinks, reds, y lllows, etc. Many of these pinks, reds, y yllows, etc. Many of these
colors be ng entirely $n$ n w in the species and are the result of many years careful hybridization
Long-spurred varieties, mized. ARMERIA Laucheana (Sea thrift.) ASTER. Novae Angliac. Deep purplish-blue Novae Belgiae "Climax." A new dis tinct large-flowered lavender blue. Sept.-
Oct. . Nove Belgiae. "Climax White., " A pure St. Egwin. Pink Each Per doz. Per 100.

## BOLTONIA Ast <br> Latisquama

CAMPANULA Carpatica, blue and white, 8 in,
Calycanthema, white, pink and blue.
Medium, white. piok and blue
Persicifolia. Mixed
CARNATION Grenadin. Mixed
CHELONE. Barbatus Torreyi. 3 ft. Long coral-red
CHIVES. Used for seasoning.
CHRYSANTHEMUM King Edward VII
Laciniatum. White comet fringed, white petals
Mrs. Lothian Bell
COREOPSIS Lanceolata, deep yellow, 2 ft .
DAISY Shasta, pure white, 12 to 18 in DELPHINUM
Belladonna. 2 ft . Loose spikes of sky-blue. ..... Belladonna, 2 -year old, forcing clump.
Bellamosum. This is a dark blue form of the popular light blue Belladonna.
Formosum, deep blue, 3 ft .
Gold Medal Hybrids, mixed, our own special strain
Indigo, 4 -ft., pure indigo-blue; strong plants.
DIANTHUS Plumarius, Abbottsford.
Vaughan's Special Mixture.

| 20 |  | 50 | 10 | 00 |
| :---: | :---: | :---: | :---: | :---: |
| - 20 |  | 50 | 10 | 00 |
| 20 | 1 | 50 | 10 | 00 |
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| 20 | 1 | 50 | 10 | 00 |
| 20 | 1 | 50 | 10 | 00 |
| 25 | 1 | 75 | 12 | 00 |
| 20 | 1 | 75 |  | 00 |
| 25 | 2 | 00 | 12 | 00 |
| 25 | 1 | 75 | 12 | 00 |
| 20 | 1 | 75 | 12 | 00 |
| 25 | 2 | 00 | 15 | 00 |
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| 20 | 1 | 50 |  | 00 |
| 25 | 2 | 00 |  |  |
| 20 | 1 | 50 |  | 00 |
| 25 | 2 |  |  | 00 |
| 20 | 1 | 50 |  | 00 |

ECHINACCA Purpurea. 4 ft ., a very handsome border plant bearing large heads of rosy purple flowers and dark central dise
ECHINOPS Rittro. 3 ft ., metallic blue flower heads.
ERIGERON Amos Perry. 1 ft ., lavenderblue flowers
FUNKIA Lanceolata. 1 ft ., dark blue
Undulata Medio Variegata. 1 ft ., silvery white, lined green
GAILLARDIA Grandiffora, yellow
Portola. The plant is of strong, vigorous erect habit of growth, from $21 / 2$ to 3 ft. high, the erect. These are of large size, nearly 4 inches in diameter, the petals being very broad and overlapping of great substance and spread out flat, forming a very regular flower. In color a brilforming a very regular fower. in color a brilis heavily tipped. Portola is not only a valuable is heavily tipped. Portola is not only a valuable the entire summer and fall but is also a splendid the entire summer and fall but is also a splendid
HARDY PINKS (Dianthus Allwoodii)
Harold. A splendld large double pure white of
very symmetrical form and great substance..
Jean. Pure white, a deep violet crimson center, a distinct handsome flower
Mary. Pale rose-pink with light maroon center "
Robert. A delicate shade of old rose with light
HELIANTHUS Multifiorus Plenus double yellow .
HELIOPSIS Gratissima
35


350

| 25 | 250 |  |
| :---: | :---: | :---: |
| 25 | 250 |  |
| 25 | 250 |  |
| 25 | 250 |  |
| 20 | 150 |  |
| 20 | 150 |  |
| 15 | 85 | 600 |
| 15 | 85 | 600 |
| 15 | 100 | 600 |
| 15 | 100 | 600 |
| 20 | 120 | 800 |
| 25 | 200 |  |
| 20 | 150 | 1000 |
| 25 | 150 | 1000 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 15 | 120 | 800 |
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| 20 | 1 | 50 | 10 | 00 |
| 20 | 1 | 50 | 10 | 00 |

$\begin{array}{lll}20 & 150 \text { 10 } 00\end{array}$


DELPHINIUM—Gold Medal Hybrids

Papaver
Mized Mized
Yellow, orange or white
PHYSOSTEGIA Virginica Alba
Grandifiora Dense bushes with spikes of delicate pink tubular flowers
PYRETHRUM Roseum. Single mixed
Double Mixed
Uligonosum. Large giant daisy-like flowers
RANUCULUS Acris f. pl. (True Buttercup).
RUDBECKIA Golden Glow. Yellow
SALVIA Officinalis. (Common Sage)
SEDUM Brilliant. Bright scarlet
Rubrum.
Diadematus. One of the prettiest fowers, rose spotted and sprinkled with white
SPIRAEA Filipendula f. pl. (Dropwort). Double White
Vaughan's Special Mixture
STATICE Latifolia. Deep lavender blue.
SWEET WILLIAM (Dianthus Barbatus)
Johnson's Giant
Pink Beauts
Scarlet Beauty
Single White.
THALICTRUM (Meadow Rue).
Dipterocarpum. (New), 4-5 ft. A new introrosy purple flowers and conspicuous yellow anthers.
TRILLIUM Grandiflorum. White.
VERONICA Spicata.
Alba. Pure White
Amethystinum. Blue flowers. 2 ft
YUCCA Filamentosa. Adam's Needle 3-year.

| Each | Per Doz. | Per 100 |
| :---: | :---: | :---: |
| \$0 20 | \$150 | \$1000 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 25 | 50 | 1000 |
| 25 | 75 | 1200 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 25 | 250 | 1200 |
| 20 | 150 | 1000 |
| 25 | 250 |  |
| 20 | 150 | 1000 |
| 15 | 120 | 800 |
| 20 | 150 | 10 co |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 20 | 150 |  |
| 20 | 150 | 1000 |
| 20 | 175 | 1200 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |
| 20 | 150 | 1000 |

## HARDY PHLOX

Anton Buchner. Pure white, strong grower
Coquelicot. A fine orange scarlet with crimson eye.
Crespuscule. Large oherry-red center edgod pale violet-pink.
Eclaircur. Brilliant magenta with large lighter halo
Europa. White, distinct carmine eye, large flower.
General Heutz. Salmon red with white center.
Le Mahdi. A metallic bluish-violet color having fine
large truss. One of the best of its color.
Mad- Paul Dutrie. Soft pink sufficed white
Miss Lassburg. Extra fine pure white. Individual flowers of largest size
Miss Lingard. (Suffruticosa). Pure white; the earliest of all. Blooms all summer Good for cut flowers
Mrs. Jenkins. A very good white
 Selma. Large
cherry-red eye
Wanadis. A pleasing mottling of white and light violet, very distinct
Widar. Light reddish violet with large white conter.
W. C. Egan. Soft pin

Dwarf and Alpine Phlox
Dwaricata Canadensis. One of our native species which is worthy of extensive planting. Commencing
to bloom early in April and continuing through May to bloom early in April and continuing through May
with large fragrant lavender fiowers on stems 10 inches high
Subulata Alba. A compact mass of foliage Dainty white flowers in May and June
Subulata Rosea. Rose-pink

## Hardy-German-Iris <br> Hess " S " refers to the three standard or upright curling petals. "F" refers

 to the three falls or drooping petals.The figures prececliag the varicties are the rating given to them by the

## New and Choice Varieties

9.4 Ambassador. Late. An almost regal fower that should have a great future. "S" fascinating smoky
purple; "F"velvety purple maroon, or ange bearded $\$ 3.00$
8.3 Ambigu. "S" bright smoky red; "F" reddish brown; orange beard. Large flowirs, well open.. 2.25
8.3 Benbow. "S" and "F" duep violet blue; large
blooms on tall, erect. Wrll developed stems.
blooms on tall, erect, w ill developed stems. ".....
9.4 Ballerine. Early. "S' linht violet-bluc; "F"'dceper.
Veryfragrant. Single bloon's often five inches long.
Wide rounded standards waved at the edges....
9.4 Ballerine. Early. "S" light violet-bluc; "F""dceper.
Very fragrant. Single bloon's often five inches long.
Wide rounded standards waved at the edges.....
8.6 Cluny. "S" soft lilac-blur" "F". a little darker
8.7 A new, free-flowering pallida variety. . . C " light bluc; " F " deep violet-biu"
8.3 Dejazet. Late. "S" bronzorose with goldon sheen "F" reddish-violet, the whole beautifully blended. Large broad flower
8.6 Edouard Michel. Late. "'s"" and " "F";"unusual
8.5 Grade of intense rcddish purple. Late. "S" violet with yellow shading;
" "F". dark violet with bright yellow vcining......
8.3 La Neige. Late. "S" and "F" a pure glistening waxy white. The falls are carried stiffy horizontal. Does not multiply rapidly. . . ". Williamson. Early. . . . . . . . . . . . . carupamula violet; "F" very larke vilvety royal
purple. Brilliant cold beard. Massive in growth, purple. Brilliant Eold beard. Massiv
9.1 Magnifica. Midseason. "S", liyht viol"t-blue; "F" dark reddish-purple. A fine strong plant with branching stems. Flowers extraordinarily large, 6 inches long and sweet scented. True strong' growing kind.
8.5 Medrano. Early. "S" and" "F"; a beautiful dark smoky claret color. Very unusual effect.large flowers 5 Moliere. Early. "S" dark violet; "F" darker violet veined brown at haft, Yellow beard. " ${ }^{\text {Mrs. }}$. F aniline-blue. Often six blooms at the same time
8.7 Opera. Early. "S" brightreddish-lilac; "F" deep velvety purple-lilac. Beard yellow 3.00
9.0 Queen Caterina. Pale lavender-violet, withorang beard; white haft, veined with bronze. A strong grower and hardy where Caterina fails.
8.3 Seminole. "S" soft violet-rose; "F" rich velvety crimson; brilliant orange beard.
9.3 Souv. de Mme. Gaudichau. "S' Bradley's violet plendid flower and plant. Millet's best variety splendid flower and plant. Millet's best variety. "S". The Inca. "S" clear deep saftron yellow; "F"
velvety dark plum-edged golden band through center; golden reticulations at base.
Trianon. "S" yellow; "F" yellow with bluish reflections. Color delicate and new. A vigorous grower and very floriferous
8.4 W.J. Fryer. "S", large bright yellow"; "F"; "large deep maroon with narrow yellow border; center shaded violet
8.9 Alcazar. "S" violet with bronze sheen; "F" rich crimson with lighter veins. A very rich and strik ing fiower. Similar to Lent A. Williams "in", ...
 8.3 Archeveque (Archbi
6.6 Candelabra. "S" silvery-mauve and "F" purple
7.5 Caprice. "S" reddish-purple; "F"" deeper purple
7.1 Celeste. Beautiful sky-blue, very fine
(9.8 Cherubin. "S" pale lilac; " $F$ " pale lilac, veined Clio. White "SS," clear blue "F";"
7.3 Clion Dorothea. "S" mauve, deeper in center; "F", soft blue with orange veinings.
7.4 Dr. Bernice. "S" Coppery-bronze; "E"; "Velvety crimson. Very handsome
7.8 Eldorado. "S"" bronze, shaded yellow; " F " violet purple touched with bronze-yellow
8.0 Fairy. Beautiful white with blue border and veins.
7.6 Florentina Alba. This is a good early white, very
7.5 Frorin.

Frorin. "S" and "F"" pale canary-ycllow, merg.
6.8 Gajus. "S" vellow; "g;" crimson and yellow

| . 30 | 3.00 | 22.00 |
| :---: | :---: | :---: |
| .25 | 2.00 | 15.00 |
|  |  |  |
| .40 | 3.60 | 25.00 |
| .20 | 1.20 | 8.00 |
| . 15 | 1.00 | 6.00 |
| .12 | . 90 | 5.00 |
| . 15 | 1.20 | 8.00 |
| . 15 | $1.20{ }^{\circ}$ | 8.00 |
| .10 | . 80 | 5.00 |
| . 12 | 1.00 | 6.00 |
| . 10 | 1.00 | 8.00 |
| . 20 | 1.60 | 12.00 |
| .10 | . 85 | 5.00 |
| .10 | . 85 | 5.00 |
| .10 | . 85 | 5.00 |
| .10 | . 85 | 5.00 |
| .50 | 5.00 |  |
| .20 | 1.60 | 12.00 |
| .25 | 3.00 | 20.00 |
| . 20 | 1.50 | 10.00 |
| .15 | 1.50 | 10.00 |
| . 12 | . 85 | 6.00 |
| . 25 | 2.40 | 15.00 |
| .15 | 1.20 | 8.00 |
| .40 | 4.00 | 30.00 |
| . 45 | 4.80 |  |
| . 10 | . 85 | 6.00 |
| .15 | 1.20 | 8.00 |

1. CHERUBIN

VIOLACEA GRANDIFL
3. CAPRICE
4. JEANNE d'ARC
5. ALCAZAR
6. ISOLINE
. MONSIGNOR
8. ARCHEVEQUE
9. PROSPER LAUGIER
7.4 Mme. Chereau. Pure white, with a broad and Each

Doz. trong upright stems that are often from two to three feet tall.

1.20
6.5 Gertrude. Deep violet-blue. Very fragrant

Harriet. "S" whitco veinced and spotted biue;
7.3 Her Majesty. " $S$ " soft ruse; " $F$ " deeper rose
8.5 Isoline. " S " lilac-pink; "F " purplish old rose, A splendid flower and deliciously scented.
7.8 Kochi Atro-purpurea. "S" Purple-lilac " $\because \mathrm{F}$ "' vel vety blark. A very striking dark flower. Sometimes calle A wak piac
L'Avenir. A beautiful shade of satin blue.......
8.2 Lohengrin. Larae handsome silvery-mauve flowers
7.9 Loreley. "S"" Light yellow; "F"" Ultramarine-blue
6.8 Loute. "S" light bluc and heliotrope; " $F$ " red-dish-purple and bronze. Flower of majestic proportions and stikiay color
Ma Mie. "S"'pure white, frillediavender; " $E$ "pure white, pencilnt and margined lavender
6.0 Marian. "S" lavender-pink; "F" deep lavender-
6.1 Maori King. "S" golden-yellow; "F"," velvety

8.4 Monsignor. " $S$ " blush lavender; " $F$ " violet with
8.4 Monsignor.ilings at throat..................................
6.8 Mrs. H. Darwin. "S" clear waxy white; "F". "F" white, violet veins
7.9 Mrs. Fryer. "S" white shaded heliotrope; "F" 7.3 Nibelungen. "Si" fawn-yellow; "F"; violet-purple
7.8 Oriflamme. "S"; Light blue;" "F"; rich violet purple. Immense handsome flowers.
8.8 Pallida Dalmatica. One of the most beautiful of all these Irises. Perfectly hardy, strong grower and very free-flowering. Exquisite shades of lav-


7.9 Parisiana. "S" whitc, heavily dotted and shaded lilac; "F" white frilled lilac at edge,
avender-blue; $F^{\prime \prime}$ deeper blue, white pencilings.
7.2 Princess Victoria Louise. "S", immense sul-phur-yellow; "F" plum color, shaded primrose.
8.3 Prosper Laugier. Midseason, in ficry bronze Hardicst and frest blooming sort ................
8.4 Quaker Lady. "S" smoky lavender, shaded yciliow; "F"" ageratum-blue and old-gold.
7.5 Queen Alexandra. "SS" fawn overcast with lilac; $\mathbf{F}^{\prime \prime} 1$ !ac reticulated bronze at base.
Queen Emma. "S" and " $F$ " pure white faint? flushed blue; long tapering standards and very long falls; possessing apleasing fragrance "Slac blilac-pink; "F" lilac blended 7.4 Queen of May. "S'
8.4 Rhein Nixe, 's' white, very large; " F " rich violet-purple, narrow white edge. ". "F.;"......" splend golden-yellow without shading or markings. Multiplies rapidly; is most satisfactory

## $.45 \quad 4.80 \quad 35.00$

7.6 Stormcloud. (Nuee d'Orage). Very large flowers of grayish slate-blue with bronze shading: " F " purplish-blue. Very fine.
7.4 Tamerlane. "S" pule violet; "F" deep purple." A

- new and splendid variety.
6.0 Twilight (Crepuscule) "S" and "F"i" delicate
8.0 Violacea Grandifora. "S"" and " $F$ " clear violet-

8.3 White Knight. Late. " S " and " F " absolutely snow-white without markings. finely formed, delicately sweet-scented, and a very vigorous grower
$.40 \quad 4.00$
Zephyr. "S" and " $F$ " clear violet-blue, silky sheen MIXED. . . . . . . . . . . . . . . . . . . . . . . . . . . $1,000, \$ 20.00$
$.20 \quad 2.00 \quad 12.00$



##  25 of a Kind at the 100 Rate

WE have an exceptionally large stock of our own growing. Strictly true to hame, all in strong divisions, with from 2 to 5 eyes each. Besides these tivided roots, we can supply many of the following varieties in plants, two years lividedroots, we can supply many of the following varieties in piants, two years 5 cyes and up) i and three years ( 5 to 8
The figures preceding the varieties are the rating given to them by the Amer can Peony Society.

## WHITE AND LIGHT SORTS

3.7 Avalanche. Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. Fach 0 Baroness Schroeder. Rose type; late. White with shadings of flesh. Fragrant.
3.1 Couronne d'Or. Snow-white, yellow refles, very large. Late; a splendid long distance shipper
3.1 Duchess de Nemours. (Calot). Sulphur-white with
5. Duchess of Teck. Rose type. Large, double flowers with pure white waxy retals with yellow stamens ers with pure white waxy petals with yellow stamens 7.8 Duc de Wellington. Very large, well-formed sulphur-white bloom, stems very firm and long; fragrant.
$1000, \$ 250.0$
3 Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.
$1000, \$ 200.00$
7.5 La Tulipe. Delicate blush-white, shading to ivoryWhite with red tulip markings on the outside of guard petals; semi-rose type; very large; fragrant.
7.9 Madame de Vernieville. Guard petals sulphur-white center delicate rose-white, one of the most desirable of the white Peonies for all purposes. ... 1000, $\mathbf{\$ 1 8 0 . 0 0}$ 89 Madame Emile Lemoine. Flowers extra large, imbricated. Color glossy white, overlaid with a sheen of satiny pink, pure white when fully open. A strong grower and free bloomer. Midseason................. 8.5 Marie white center, carmine tips. Fragrant; late 8.3 Mons. Dupont. Very large, cup-shaped Glower; ivory-white; center petals splashed with carmine. The golden stamens show at the base of the petals; 6.8 Queen Victaria. The best white for general use. A splendid keeper and shipper and for cold storage. splendid keeper and
Bomb type; early

## 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 6.3 Carnea Triumphans. Flesh-pink, shaded amberwhite and salmon flecked with carmine; strong Chawer; midseason
5.3 Charlemagne. Lilac-white with a slight blush center, fragrant, medium height, free bloomer. Globular rose-type flower. Flowers open better in water in house than on the plant. Late; extra.
8.7 Claire Dubois. Very large, double, globular flowers; color rich clear satiny pink, with glossy reflex. One of the most desirable pink peonies. Late midseason.
7.6 Delicatissima. Large rose type; pale hlac-rose; ragrant; very strong, tall grower; fone habit; free bloomer; extra good keeper and shipper; midseason.. 7.7 Dorchester. Creamy flesh-color, tinged with pink. silvery reflex; fragrant. This variety is usually in bloom by Decoration Day
6.6 Faust. Guard petals and crown hydrangea-pink, chang-
ing tolilac-white; collar of narrow sulphur-yellow petals
.5 Floral Treasure. Very large; showy, pale lilac-rose; rose type bloom; extra good; one of the best commercial pinks; mid-season.
Fragrans. Bomb type, solferino-red with silvery reflex; strong grower and free bloomer; good cut6 General Cavaignac. Semi-rose type; very large; bright violet rose; very iree; late
7.9 Jeanne d'Arc. Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. A vigorous plant; midsummer bloomer; fragrant
Kohinoor. Shell-pink; very free-blooming, splendid cut-flower sort; midseason
6.0 Lady Leonore Bramwell. Bomb type; delicate silvery rose; pink center; very sweet and early; a grand cut-nower for storage; very free
7.3 L'Indispensable. Semi-rose type; early; a strong grower and willing bloomer; flowers very large. Color a fresh hydrangea-pink when opening, with primary
8.1 Livingstone. Very massive solid light pink of the highest class. Rose shape; free; vigorous bloomer
7.8 Mad. Barrillet Deschamps. Semi-rose type. Flowers large; flat; petals imbricated. Color delicate silvery pink. Early midseason
7.7 Mad. de Vatry. Crown type; guards lilac-white; crown sulphur-white; splendid cut-flower variety;
8.5 Mad. Emile Galle. Rose type; flowers large, double; cup-shaped; delicate shell-pink. A very
7 Madame Forel Immer
Madame Forel. Immense, compact, ball-shaped bloom. Clear deep rose. Strong stems, very

## Magrant; late

8.4 Marguerite Gerard. Large, compact, semi-rose deVeloping into a crown with stamens. Very pale lydrangea-pink, fading to nearly white, central petals flecked dark carmine. Free, late. Extra....

$\begin{array}{lll}\text { 1. Festiva maxima } & \text { 2. pres. taft } & \text { 3. M. Jules elie } \\ \text { 4. felix crousse }\end{array}$
7.8 Model of Perfection. Rose type; guard and color Each Doz. 100 light velvet rose, veined bright rose, deepening in $\begin{array}{lllllll}\text { the center. Very free bloomer; tall; fiowers of } 1 \mathrm{~m}- & 70 & 7 & 00 & 50 & 00\end{array}$
9.2 M. Jules Elie. The best pink.................
8.7 President Taft. (Reine Hortense) A A Vigorous,
strong yrower; a profuse bloomer. The flower is of strong zrower; a profuse bloomer. The fower is of enormous size, The color is a delicate hyrrangeapragrance is delicious; midseason........................
7.4 Princess Beatrice. Crown type; flowers large, compact, high orown; guards delicate lilac-rose; collar creamy white; free and fragrant; midseason..........
7.6 Souvenir de I'Exposition Universelle Rose type; with silvery , eflex and distinctly tipped silver; fragrant; free-bloomer with spreading habit.
$\begin{array}{lllll}70 & 7 & 00 & 50 & 00 \\ 80 & 8 & 40 & 60 & 00\end{array}$

Triomphe de l'Exposition de Lille. Large flower; hydrangea-pink, splashed with darker tints and with white reflex. A splendid sort; late midseason.
$40 \quad 4 \quad 20 \quad 30 \quad 00$

## RED AND CRIMSON

7.1 Delachei. Violet-crimson; large, compact flower;
semi-rose type- A good red peony ...................
8.4 Felix Crousse. Best red for florists...................
8.8 Karl Rosenfield. Very large flower, globular semi-
8.8 Karl Rosenfield. Very large flower, globular semi-
rose type. Extremely vigorous grower; tall and freefose type. Extremely vigorous grower; tall and ree.
6.9 Louis Van Houtte. Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery
7.5 Marechal Valliant Grandifora Rubra) Of immense size, light red, resembling the Arnerican Beauty rose; rose type; a strong grower; one of the largest red.
$\begin{array}{llllll}40 & 4 & 00 & 30 & 00 \\ 60 & 5 & 00 & 40 & 00\end{array}$
$60 \quad 500$
$20 \quad 1200$
9000
M. Martin Cahuzac. Medium sized, globular, semirose type. Dark purple-garnet with black reflex,
The darkest peony known. Strong, vigorous grower; The darkest peony known. Strong, vigorous grower;
 red, the most brilliant of all red peonies; early and splendid cut-llower.
$50 \quad 500 \quad 3500$

## UN $=$ NAMED PEONIES-Divided Roots of from 2 to 5 Eyes

DoubleWhite and Pink
$\begin{array}{ll}\$ 2.40 & \$ 15.00 \\ 2.00 & 22.00\end{array}$
Double Red
$\begin{array}{ll}3.00 & 22.00 \\ 2.40 & 12.00\end{array}$
Double Mixed.
PEONIES IN CASE LOTS
For several years we have sold specially packed cascs. The roots are young and each has 2 to 5 eyes. These cases contain 75 double
pink and 50 double red, each color separate-200 ronts
Price, per case, $\$ 32.00$. We cannot divide cases.

## Ornamental and Flowering Shrubs

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

Our Nursery is located at Western prings, 15 miles west of Chicago, on the C. B. \& Q.R.R., two blocks south of 47 th Street, on the continuation of East Boulevard.

Visitors are invited to inspect our stock at any time. We have a choice lut of specimens such as are not usually scen. class of stock we send them.

Specimens. This term is applied to plants that are periect in height are recommended for immediate effect.

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 responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

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

ALMOND, Double Pink or Double White, 2 to 3 ft
ALTHEA (Rose of Sharon) Double Pink, Red or White. The above are for Spring Planting only. For prices see Spring Catalogue.
Each 10100

AMORPHA Fruticosa (False Indigo)
ARALIA Pentaphylla, 3 to 4 ft . 4 to 5 ft .
Spinosa, 4 to 5 ft . 5 to 6 ft .
BERBERIS Ilicifolia (Holly-leaved Barberry), 2 to $21 / 2 \mathrm{ft}$. balled and burlapped... $21 / 2$ to 3 ft . specimens.
Thunbergii, 12 to 18 in., bushy 18 to 24 in ., bushy. 2 to $2 \frac{1}{2} \mathrm{ft}$

BOX BARBERRY, 3 years
CALYCANTHUS Floridus (Sweet Shrub) 2 to 3 ft CEPHALANTHUS Occidentalis, Button Bush. 2 to 3 ft .
CERASUS Virginiana, 5 to 6 ft .
CORCHORUS Japonicus, 2 to 3 ft., bushy
CORNUS Mascula, Cornelian Cherry, 4 to 5 ft . 5 to 6 ft .
Sanguinea, European Red Osier, 2 to 3 ft ., bushy
Sericea (Native Silky Dogwood), 2 to 3 ft . 3 to 4 ft .
Siberica, 2 to 3 ft . 3 to 4 ft .
Stolonifera (Native Red Osier), 3 to 4 ft 4 to 5 ft .
Stolonifera Aurea, 2 to 3 ft .
CRAB, Bechtel's Double-Flowering, 4 to 5 ft
CRATAEGUS Carrieri (Cockspur Thorn), 6 to 7 ft ., bushy
CYDONIA (Pyrus) Japonica (Japan Quince) 3 to 4 ft 4 to 5 ft
DEUTZIA Pride of Rochester, 2 to 3 ft ., bushy
ELEAGNUS Angustifolia, (Russian Olive) 2 to 3 ft
EUONYMUS Alatus (Winged Burning Bush), 3 to 4 ft .
Europaeus (European Spindle Tree), 6 to 7 ft .
FORSYTHIA Interme tia, 2 to $3 \mathrm{ft} .$, extra bushy 3 to 4 ft .
HIPPOPHAEA Rhamnoides, (Sea Buckthorn), 4 to 5 ft HYDRANGEA Arborescens Grandifiora, 2-yeur

Paniculata Grandiflora, 18 to 24 in. 2 to 3 feet.
$\$ 050 \$ 400$
$\begin{array}{lllll}50 & 4 & 00 & \$ 35 & 00\end{array}$
$60 \quad 450$
60450
65500
 50

40 50 $40 \quad 30$ $50 \quad 450$ $50 \quad 400$ 30
45 45 3 3 5030 35300 1751600 2001500 50 656 40 40

LIGUSTRUM Amurense (Anoor River), 2 to 3 ft , busliy 3 to 4 ft ., bushy
Tbota (extra bushy), 2 to 3 ft Extra bushy. 3 to 4 ft . 4 to 5 ft .
Ibolium, 18 to 20
250
$\begin{array}{lll}50 & 20 & 00 \\ 50 & 25 & 00\end{array}$
$50 \quad 2500$
$50 \quad 3500$
$50 \quad 2500$
00
00
50

400
500
00
$50 \quad 2000$
$00 \quad 2800$
$00 \quad 2000$
2000
2500

LILAC, All sizes, extra bushy. Chas. X, 3 to 4 ft . 4 to 5 ft .

Each 10
$\$ 100 \quad \$ 750$
Japonica, 4 to 5 ft .
125900
Tree Form, 5 to 6 ft 6 to 7 ft .
$150 \quad 1000$
Josikaea, 4 to 5 ft .
Mad. Lemoine, 4 to 5 ft . 5 to 6 feet.
Marie Le Graye, 4 to 5 ft . 5 to 6 feet.
Michael Buchner, 4 to 5 ft .
Persian Purple, 2 to 3 ft 3 to 4 ft .
Souvenir de Louis Spaeth, 4 to 5 ft
Vulgaris Purpurea, 3 to 4 ft . 4 to 5 ft
5 to 6 ft .
LONICERA (Bush Honeysuckle). Bella Candida, 3 to 4 ft . 4 to 5 feet.
Morrowii, 2 to 3 ft .
4 to 5 ft .
Tatarica Rosea, 3 to 4 ft
4 to 5 ft
Tatarica Rubra, 3 to 4 ft
LYCIUM Barbarum (Matrimony Vine), 2-year
MALUS Arbutifolia (Choke Berry), 3 to 4 ft . .
Niedwetskiana, 7 to 8 ft
Nigra (Black Choke-Berry), 4 to 5 ft
Spectabilis, 7 to $8 \mathrm{ft} . . .$.
MORUS, Tatarica, 3 to 4 fi 7 to 8 ft


LILAC-Marie Le Graye


HYDRANGEA (Snowbail)

PHILADELPHUS, Bouquet Blanc, 4 to 5 ft ., bushy Coronarius, 3 to 4 it
Coronarius Aureus, 18 to 24 in
Grandiflorus, 3 to 4 f
Grandiflorus, 3 to 4 ft .
emoinei Conquete, 3 to 4 ft
4 to 5 ft .
PRUNUS Pissardi, Purplc-leaved, 5 to 6 ft
Triloba, 3 to 4 ft .
PTELEA Trifoliata (Hop-tree), 4 to 5 ft .
RHAMNUS Catharticus (Buck Thorn), 5 to 6 ft .
Frangula (Alder Buck Thora), 5 to 6 ft .,
RHODOTYPOS Kerrioides. 2 to 3 feet
RHUS Aromatica, 2 to 3 ft
Copallina, 3 to 4 ft
Glabra, 4 to 5 ft .
Glabra Laciniata, 2 to 3 ft
3 to 4 ft .
Typhina Laciniata (Cut-leaved) 3 to 4 ft
4 to 5 ft .
ROSA Blanda, $3-\mathrm{yr}$ F. J. Grootendorst

Lucida, $2-\mathrm{yr}$
Rubiginosa (Swect Briar), 3-yr
Rugosa Red, 3-yr
Rugosa Rubra, 3-yr
Setigera, 3-yr
SALIX (Willow) Britzensis, 5 to 6 ft
Discolor (Pussy Willow) 3 to 4 ft .
Laurifolia, 4 to 5 ft .
SAMBUCUS Nigra, 3 to 4 ft
Nigra Aurea, 3 to 4 ft
SPIRAEA Arguta Multiflora, 3 to 4 ft .
Anthony Waterer, 18 in . to 24 in.,. 24 to 30 in
Bethlehamensis, 2 to 3 ft
Billardii, 3 to 4 ft .
Callosa Alba, 18 to 24 in
Callosa Froebeli, 18 to $2 t$ in
Opulifolia, 4 to 5 ft .
Opulifolia Aurea, t to 5 ft .
Sorbifolia, 2 to 3 ' ft .
Thunbergii, 18 to 24 in
Van Houttei (Bridal Wreath) 2 to 3 ft., extra bushy 3 to 4 ft , extra bushy

## SYMPHORICARPUS (Snowberry) Molle, 3 to 4 feel

Racemosus, 3 to 4 ft
Vulgaris (Indian Currant), 3 to $\dot{4} \mathrm{ft}$
TAMARIX Amurense, 4 to 5 ft
5 to 6 ft ..
Chinensis, 4 to 5 ft
Hispida Aestivalis, 3 to 4 ft ...
BURNUM Dentatum


VIBURNUM-Continued.
Molle, 3 to 4 ft...............................
Opulus (High Bush Cranberry) 3 to 4 ft
Sterile (Snowball) 3 to 4 ft .
WEIGELIA Amabilis, 2 to 3 ft
Candida, 2 to 3 ft
Rosea, 2 to 3 ft .
3 to 4 ft .

## Vines



PRIVET HEDGE


## ATTENTION

## A BIG MONEYMAKER FOR THE FLORIST

PLANT PUSSY WILLOW, the true variety. You can force the branches any time in Winter and make a good price for them.
SALIX DISCOLOR.
3 to 4 ft ., extra bushy, per dozen, $\$ 3.00$; 100, \$25.00.



NORWAY MAPLE


LOMBARDY POPLAR

## Ornamental and Shade Trees

ELM-Continued.
Wheatleyi (Wheatley's) 12 to 14 ft 3 in Cach
GINGKO BILOBA. 8 to 10 ft
12 to 14 ft .2 to $2 \frac{1}{2}$ in. caliper
LOCUST. Honey. 8 to 10 ft .
cio to 12 t
MAPLE, Soft. 10 to $12 \mathrm{ft} ., 1$ to $11 / 2 \mathrm{in}$. caliper.
Norway. 10 to $12 \mathrm{ft} ., 2 \mathrm{in}$. caliper
15 to 18 ft ., $21 / 2 \mathrm{in}$, caliper.
15 to 18 ft ., 3 in. caliper...
15 to $18 \mathrm{ft} ., 31 / 2 \mathrm{in}$. caliper.
18 to $20 \mathrm{ft} ., 4$ in. caliper.
18 to 20 ft , 5 in. caliper.
Schwedleri (Purple-leaved). 12 to $15 \mathrm{ft},{ }^{2} 1 / 2 \mathrm{in}$. 12 to $15 \mathrm{ft} .,{ }_{2}$ in. caliper.
12 to 15 ft ., $21 / 2$ in. caliper
15 to 18 ft t., 3 in. caliper. .
600
800
1200
15 to 18 ft ., $31 / 2 \mathrm{in}$. caliper
1200
1500
MULBERRY. Weeping. 5 to 6 ft . stem, 3 -year heads
OAK' (Burr Öak). $\dot{8}^{8}$ to 10 ft., $11 / 2$ to 2 in. calipe
10 to $12 \mathrm{ft}, 2$ to $21 / 2$ in caliper
Pin Oak. 8 to $10 \mathrm{ft}^{2}, 11 / 2$ to 2 in . caliper
10 to 12 ft ., 2 to $21 / 2$ In. caliper
Red Oak. 8 to $10 \mathrm{ft}, 11 / 2$ to 2 in. caliper
POPLAR Bolleana. (Silver) 8 to
10 to $12 \mathrm{ft} ., 21 / 2 \mathrm{in}$. caliper 8 to 10 ft ., 2 in . caliper Carolina 8 to 10 ft caliper
Carolina 8 to 10 ft ., $l \mathrm{in}$. caliper 10 to 12 ft ., 2 in . caliper. .
10 to 12 ft ., $21 / 2 \mathrm{in}$. caliper
Lombardy. 8 to 10 ft
TREE OF HEAVEN (Ailanthus) 5 io 6 ft
WALNUT, Japanese (Sieboldii). " 8 to 10 ft., $11 / 2$ to
8 to 10 ft ., 2 to $21 / 2 \mathrm{in}$. caliper

## Fruit Trees

| APPLES |  |
| :---: | :---: |
| IN SIZES 4 TO 5 FEET. PRICE, 75c EACH; TEN for \$6.50. |  |
| Autumn Strawberry. | Northern Spy. |
| Baldwin. Fine,winter apple. | Northwestern Greening. |
| Banana. | Red Astrachan. |
| Ben Davis. | Rome Beauty. |
| Black Ben Davis. | Snow (Fameuse). |
| Delicious. A splendid apple. | Tolman Sweet. Yellow. |
| Duchess of Oldenber | Wagener. Brightred, dwarf. |
| Early Harvest. Pale yellow. | Wealthy. Red, fall. |
| Grimes' Golden. | Winesap. Large deep red. |
| Jonathan. | Yellow Transparent. |
| tosh. Deep red, white flesh. <br> CRAB | APPLES |
| Hyslop. | Transcendent. |
| Siberian. Large, golden-yellow. PEARS | Whitney. CHERRIES |
| IN SIZES 4 TO 6 FEET. | Early Richmond. 4 to 5 ft ., Each 10 |
| PRICE, \$1.00 EACH; TEN for \$9.00. | 2-yr., 11-16in. and up...\$1.00 \$ 9.00 |
| Bartlett. Flemish Beauty. | Early Richmond. Grafted |
| Clapp's Favorite. Keiffer. | on Morello. 4 ¢t., 9-16 in. 1.5012 .50 |
| Duchess. Koonce. | Montmorency . 4 to 5 ft . |
| Early Harvest. Seckle. | 2-yr., 11-16 in. and up.. $1.00 \mathbf{9 . 0 0}$ |
| RHUBARB (Vaughan's Mammoth) |  |
|  | $100 \quad 1000$ |
| 1-year Selected stock | \$ 4.00 \$ 35.00 |
| 2-year extra strong | $6.00 \quad 50.00$ |
| 3-year for forcing. | 15.00120 .00 |

ASH (Fraxinus Americana), American Ash
8 to 10 ft ., $11 / 2$ to 2 in. caliper
10 to 12 ft ., 2 to $21 / 2 \mathrm{in}$. caliper
CATALPA Bungei, 5 to 6 ft . stems, 2 -year heads 4 to 5 ft . stem, 3 -year head.

## Each $\$ 150$

5 to 6 ft . stem, 3 -year head.
Kaempferi 10 to 12 ft head......................... 110 to 10 to 12 ft ., 2 to $21 / 2$ in. caliper
Speciosa. 10 to $12 \mathrm{ft} ., 11 / 2$ to 2 in . caliper
10 to $12 \mathrm{ft},$.2 to $21 / 2$ in. caliper
ELM, American. 8 to 10 ft ., $111 / 2$ to $\ddot{2}$ in. caliper
10 to 12 ft ., 2 to $21 / 4 \mathrm{in}$. caliper
10 to $12 \mathrm{ft} ., 21 / 2$ in. caliper..
10 to $12 \mathrm{ft} ., 3 \mathrm{in}$. caliper .
12 to $14 \mathrm{ft} .31 / 2$ in. caliper
14 to 16 ft . 4 in. caliper.
Campestris (English Field) " 12 to $14 \mathrm{ft} ., 3$ in. caliper 12 to 14 ft ., $31 / 2$ in. caliper.
12 to $14 \mathrm{ft} ., 4 \mathrm{in}$. caliper.
$41 / 2$ in. caliper
5 in. caliper.
$51 / 2$ in. caliper
Write for prices on larger sizes
Ulmus Superba (Scotch Elm). 10 to 12 ft ., 3 in 10 to $12 \mathrm{ft} ., 31 / 2$ in. caliper
10 to $12 \mathrm{ft}, 4 \mathrm{in}$, caliper.
Vegetus (Huntington) 10 200
400

## 200

 $\begin{array}{lll}1 & 50 \\ 1 & 75 & 1 \\ 2 & 50\end{array}$ 250200
250
70
10
10

## Per 10 Per 100

 $200 \quad \$ 1250 \$ 10000$ $200 \quad 1750 \quad 15000$

$\begin{array}{llll}17 & 50 & 150 & 00 \\ 22 & 50 & 200 & 00 \\ 27 & 50 & 250 & 00\end{array}$

$\begin{array}{llll}27 & 50 & 250 & 00 \\ 37 & 50 & 350 & 00 \\ 57 & 50 & & \end{array}$

1750
1500 1500
1500

1250
1500
$1250 \quad 1000^{\circ} 00$ $0 \quad 100 \quad 00$ $\begin{array}{llll}15 & 00 & 125 & 00 \\ 17 & 50 & 130\end{array}$

## Mushroom Spawn and Profitable Greenhouse Vegetables

## Mushroom Spawn <br> (LAMBERT'S SPORE CULTURE)

Thousands of people are successfully raising delicious mushrooms in their greenhouses, basements, and outbuildings. Write for free leaflet on culture. This vegetable is produced by planting Spawn. Our Spawn is always fresh; monthly shipments 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 $11 / 2 \mathrm{lb}$. ), $35 \mathrm{c} ; 2$ bricks for $65 \mathrm{c} ; 5$ bricks, $\$ 1.50 ; 10$ bricks, $\$ 2.50$; 100 bricks, $\$ 19.00$. Not prepaid.

## Bottle-Spawn

Under ideal conditions of temperature and moisture, lonse or bottle-spawn will start running sooner and give quirker 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 Enclish Milltrack Spawn. We are one of the largest handlers in the United States; fresh importations every few wecks (weight per brick 1 lb. ). Price, brick, 20c; 2 bricks, $40 \mathrm{c} ; 8$ bricks, $\$ 1.40 ; 25 \mathrm{lbs} ., \$ 2.65 ; 100 \mathrm{lbs} ., \$ 10.00$, not prepaid; if shipped from New York, $\$ 9.50$ per 100 lbs ., not prepaid. Special prices on balf-ton lots and up.

GRAND RAPIDS FORCING. Vaughan's Selected Stock For Greenhouse Use. This grand forcing variety is the hardiest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for the purpose. Our strain cannot be surpassed in quaity. Bred from single plant selections aughan's Extra Selected Stock. Pkt., 5c; oz., 15c; 2 oz., 25c; 1/41b., 40c; lb., \$1.50.

## Tomatoes

For Under Glass. Best Re-selected Stocks of High Germination.
Comet (Scarlet). Sterling Castle (Scarlet), Sunrise (Scarlet)
Hubert's Marvel (round like an apple). Frogmore Selected (Scarlet)
Hubert's Marvel (round like an apple, Frogmore Selected (Scarlet).
Above varieties, pkt, each, 25c; oz., 50c. ${ }^{\text {Best }}$. Pkt., each, 10c; oz 35 c
Best of All and Lorillard (two old standards). Pkt., each, 10c; oz., 35c.
Lister's Prolific (new). Latest popular Enalish sort. Pkt., 25c; oz., 50c.
Lister's Prolific (new). Latest popular English sort. Pkt., 25c; oz., 50c.
New Globe, Chalk's Early Jewel and Bonny Best, American forcing varieties New Glooe, Chalk's
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., $10 \mathrm{c} ;$ oz., 35 c ; $1 / 4 \mathrm{lb}$., $\$ 1.10$. Davis' Perfect. (Vaughan's Sclect Stock.) Selected for length and tapering cnds. Extra fine color. Stock seed selected for forcing. Pkt., 10c; 1/2 02., S0c; oz., 85c.

Rollison's Telegraph. Greenhouse, English grown. Pkt., 25c; 1/4 oz., \$2.50. Vaughan's Prolific Forcing. Pkt., 20c; oz., $\$ 1.00$.

## Radish

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

# Vaughan's Flower Seeds 

SPECIAL CASH DISCOUNT 10 PER CENT on orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed. Except Cyclamen, the prices of which lo armet and 2 per cent on Asparagus.


## Condensed List for



## BEGONIA

Gracilis Luminosa. Foliage lustrous reddish brown, the flowers are a fiery dark Trade Pkt.


#### Abstract

Prima Donna. Large transparent rose flowers, shading to carmine.


 Semperforens Alba.Atropurpurea Vernon. Red-leaved and red-flowered
Melamine. White with pink edge
Erfordia. Rosy carmine flowers, green foliage Grandiflora Superba. $\frac{1}{1} \mathrm{oz} ., \$ 2.00 \quad \$ 0.50$

Mignon, Bright salmon-scarlet
Wurttembergia. Blood-red. A wonderful color Single Tuberous Rooted. Finest mixed Single Tuberous Rooted. Frilled
Double Tuberous Rooted. Best mixed.

## BELIIS OR DOUBLE DAISY

Vaughan's Mammoth Mixture
Vaughan's Mammoth, White.
Vaughan's Mammoth, Pink.
Double Extra Choice, mixed
Longfellow, dark pink
Snowball, double white
Double Red
Double Rosy White. quilled
Monstrosa Double Pink
Double White
Mixed.


Browallia Speciosa Major. For indoor or bedding out, 500 seeds.
Ageratum Mexicanum. Imperial Dwarf Blue. Compact.... Mexicanum. Imperial DWarf White.
Blue Perfection, best dark blue bedder
Princess Victoria Louise, light blue with white center
alyssum Maritimum, (Sweet Alyssum) Alyssum Maritimum, (Sweet Alyssum),
Vaughan's Little $\mathbf{C e m}$, extra fine strain

## ANTIRRHINUM

## Brilliant Scarlet...

Bonfire, orange red
Dark Rose, coral red
Golden King, yellow
Jolden Queen, semi-tail,
Keystone, clear rose pink
hiladel shimon-pink
hiladelphia Pink, tall, dark pink queen of the North, semi-tall, white. (Phelps's white) Zueen Victoria, white shaded cream, yellow lip. Rose Dore, salmon-rose.
rose Queen, rose-pink, white crest Silver Pink. Deep pink self.
The Fawn, terra cotta, pink and pale yellow. enus, apple blossom pink

## MAXIMUM, New Giant Flowered

These produce individual flowers 2 to $21 / 2$ inches wide on strong sturdy stems, each blossom set closely on the stalk. Defiance, scarlet
airy Queen, terra cotta
Jotelind, pale orange
Maraida, coppery carmine
Purple King, rich, velvety purple Ruby, rich velvety ruby red
Many kinds mixed
ASPARAGUS
A. Plumosus Nanus, carefully harvested, hand-picked, plump, well matured seed of this variety is a specialty with us-we carry in season both greenhouse grown and lath house crops. Badly shriveled. green, wet and mouldy seeds are not offered. If vitality declines as season advances we add additional seeds to tat offered. If vitality declines as Season ad
zach 1000. (Seed harvested since May 15th)

Full Size Seed, High Germination
Per 1000 seeds

| $\$ 2.50$ | 2,500 lots, per 1000 |
| :--- | :--- |
| 5,000 lots' per 1000 |  |

$\$ 2.25$
 Sprengeri.
$\$ 1.00$ per 1000 .
Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon.
Alba Perfect
 extreme doubleness
Scarlet. Extremly brilliant, large and very double
Giant Chamois Rose. A most pleasing colo
Vaughan's Invincible Mixed. A splendid strain; producing very double flowers of the finest form

## Trade

 $\$ 0.10 \$ 0.60$ $.15 \quad .80$ .15 . 8 .15 .15 .15 . 80
## CALENDULA

THE BALL. Introduction of 1922. This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers. It has exhibited these superior characteristics uniformly for the past 4 years not only with the originator, but with other growers. Trade packet of $1 / 40 z$., $\$ 1.00$; oz., $\$ 3.00$; 2 ozs. for $\$ 5.00$.
Orange King. Select stock. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich dark orange, Lb., $\$ 6.00$; oz ., 60 c ; trade pkt., 20c.
Sulphurea Plena. Select. Double sulphur-yellow. Lb., \$6.00; oz., 60c; trade pkt., 20c.
Apricot. New color. Trade pkt., 15c; oz., 50c.

## CANDYTUFT

Giant Hyacinth. Flowered, White. Select stock. 1 ft . The flower heads are of immense size, 6 inches long and 2 inches across, resembling a Dutch Hyacinth Lb., $\$ 6.00$; oz., 50 c; trade pkt., 15 c.
Umbellata Lilacina. Select stock. Trade pkt., 15c; oz., 50c; lb., \$4.00.
Carminea. Carmine. Lb., $\$ 3.20$; trade pkt., 10c; oz., 30c.
Purpura. Crimson. Lb., \$3.20; trade pkt. .10c; oz., 30c.
Rose Cardinal. New. Lb., $\$ 5.00$; trade pkt., 10c; oz., 50c.
CENTAUREA CYANUS-Double Blue. 2 ft . Plant is vigorous and the flowers are semi-double and have remarkable lasting quality when cut
Lb. $\$ 4.00$; oz. 40 c ; trade pkt., 10c.
Double Pink. Lb., $\$ 4.80$; oz., 40 c ; trade pkt., 10 c .
Double Mauve. Trade pkt., 15c; oz., 80c.
Double Pure White. Trade pkt., 15c; oz., 80c.

## CHRYSANTHEMUM

The Carinatum or single varieties may be used to follow "mums." They produce long stiff stemmed flowers in attractive shades and color combinations Garfield Park conservatory in Chicago exhibited many of them in their spring show this year. Blooms keep well in water for a long time
Burridgeanum. Pure white petals with zone of rich hrownish red, and inner zone of yellow surrounding the dark brown disc. Trade pkt., 10c; oz, 40c. Eclipse (Chameleon). Clear yellow petals with dark disc

Trade pkt., 10c; oz., 40c.
Morning Star. Petals primrose-yellow with halo of deeper yellow; dark yellow disc. Trade pkt., 10c; oz., 40c.
Evening Star. Rich sunflower-yellow, disc dark yellow.
Trade pkt. 10c; oz., 40c.
Northern Star. Large pure white fringed petals with canary-yellow zone around a dark brown eye. Trade pkt., 10c; oz., 40c.
The Sultan. Rich wallfower-red with a narrow yellow zone around the brown disc. Trade pkt., 10c; oz, 40c.
Westboro, Canada, March 23, 1922.

Vaughan's Seed Store, Chicago, Ill.
Westboro, Canada, March 23, 1922
Dear Sirs-I have grown Petunias for years, getting the seed from every imaginable source, but nothing I have ever grown has given me the bloom that your Triumph of the Giants has consistently given me from
Year to year.
Yours truly, R. M. ROGER, Florist. year to year.

## Vaughan's Cyclamen

## GIANT ENGLISH GROWN

Prices (except where noted)-100 seeds, $\$ 1.40 ; 1000$ seeds, $\$ 12.00$ net. Pink Pearl. Lovely pale salmon-pink. 100 seeds, $\$ 1.60 ; 1000$ seeds, $\$ 15.00$. Cherry Ripe. Nearly scarlet. 100 seeds, $\$ 1.60 ; 1000$ seeds, $\$ 15.00$.
Saint George. Foliage is beautifully margined with bright silver, and the flowers are a rich salmon color. 100 seeds, $\$ 1.40 ; 1000$ seeds, $\$ 12.00$.
Crimson Saint George. Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson. 100 geeds, $\$ 1.40 ; 1000$ seeds, $\$ 12.00$.
Mrs. L. M. Graves, The color is an intense and brilliant salmon-scarlet. 100 seeds, $\$ 1.60 ; 1000$ seeds, $\$ 15.00$.
Brilliant Gigenteum. Fiery crimson flowers, 100 seeds $\$ 1.40 ; 1000$ seeds, $\$ 12.00$.
Queen Mary. Sulmon 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.
Princess May. Pale pink.
Salmon King.
English Varieties, Mixed-From separate sorts. 100 seeds, $\mathbf{\$ 1 . 2 0 ;} \mathbf{1 0 0 0 , \$ 1 0 . 0 0}$.

| PERSICUM GIGANTEUM | 100 | 1000 |
| :---: | :---: | :---: |
|  | Seeds | Seeds |
| Rosea Superba. Deep shell-pink | \$1.30 | \$10.00 |
| Pearl of Zehlendorf. Dark salmon | 1.40 | 12.00 |
| Rose of Zehlendorf. Light salmon | 1.40 | 12.00 |
| Glory of Zehlendorf. | 1.40 | 12.00 |
| Glory of Wandsbek. Salmon. | 1.50 | 12.00 |
| Wine Red. Very large and fine. | 1.20 | 10.00 |
| Rosea Magnifica. Dark rose-pink. | 1.30 | 10.00 |
| Rose von Marienthal. Daybreak. Delicate pink | 1.20 | 10.00 |
| Pure White. Very large. . . | 1.20 | 10.00 |
| White with Pink Eye. Verylarge and fine | 1.20 | 10.00 |
| Rokoko. Frilled, rose | 1.50 | 12.00 |
| - - | Trade pkt. | Oz . |
| CINERARIA-Maritima. Candidissima, for bedding. | . \$0.10 | \$0.40 |
| Diamond. Leaves pure white..................... | . 15 | . 60 |
| CLARKIA |  | , |

These are popular annuals, producing lovely long-stemmed flowers in many bright and attractive colors. They prefer poor soil and crowded conditions, and do better if starved. A good "catch crop." Flowers open in water readily.

$$
\begin{array}{cc}
\text { Trade pkt. } & \mathrm{Oz}_{2} \\
\mathbf{\$ 0 . 6 0}
\end{array}
$$

Apple Blossom. Double apple blossom pink. $\$ 0.15 \quad \$ 0.60$
Brilliant. Double salmon-scarlet.
Chamois.
Flesh. Double flesh pink.
Queen Mary. Lovely rose carmine
Salmon Pink. Double salmon.
$\begin{array}{ll}.15 & .60 \\ .15 & .60\end{array}$

Scarlet Queen. The flowers are a double orange-salmon and develop to a glowing orange-scarlet
White Prince. Very double, pure white
Vaughan's Special Mixture. Made up especially from the above named varieties.
lb., $\$ 4.80$
COBAEA. Scandens. Purple.. lb., $\$ 4.80$

COLEUS-Vaughan's Rainbow Mixture Fine Mixed
$\frac{1}{16}$ oz., $\$ 1.60$
Extra Choice Mixed. Large-leaved
1/8 oz., 70c $\frac{1}{16}$ oz., $\$ 1.00$ Large-leaved Copper-colored. Laciniated and Fringed.
CYPERUS-Alternifolius. (Umbrella Plant)
DAISY-Shasta, Alaska..............................1/4 oz., 50c
DIDISCUS-Coeruleus. (Lavender Lace Flower.) Long stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. Sow about Nov. 1st, and shift into 2 -inch pots and plant in beds to follow "Mums"
DRACAENA-Indivisa. Narrow green leaves. This variety is indispensible for window buxes, vases, hanging boxes, etc.

1b., \$4.00 Indivisa Latifolia Lineata.
Australis. Green and red leaves
EXECUM-Affine. Blue. Fine for pots and baskets.
2000 secds, \$1.00


## FORGET=ME-NOT (Myosotis)

Alpestris. Blue
White
Rosea. Pink.
Eliza Fonrobert." True
Victoria. Sky-blue
Indigo Blue
Dissitiflora. Rich blue, early. ....................... . . 1/8 oz., 50 c
Palustris. True............................................1/4 oz. 75 c
Semperflorens. $1 / 4 \mathrm{oz}, 60 \mathrm{c}$
Fairy Queen 1/4 oz., 60c
Vaughan's Early and Late-Flowering
Oblongata. Blue Bird, new . . ............. .Pkt., 100 sceds, 60 c Perfecta
Hybrida Star of Love. Very free-flowering
Ruth Fischer. $\qquad$ $\frac{1}{10}$ Oz., $\$ 1.00$35
.50

FREESIA-Rainbow Hybrids. (Ragioneri Hybrids.) The new colored Freesias. . . . . . . . . . . . . . . . . . .......... . . . . $1 \mathrm{~b} ., \$ 12.00$
FUCHSIA—Single mixed . . . . . . . . . . . . . . . . . . . . . 200 seeds, 80c
$\qquad$ Double mixed .............................. 200 seeds, 80 c GERANIUM-Apple scented 1000 seeds, $\$ 2.50 ; 100$ seeds, 30c Zonale. Single, extra large-flowering, mixed, very choice
GERBERA-Jamesoni Hybrids.
1000 seeds, $\$ 5.00 ; 100$ seeds, 65 c
GLADIOLUS-Gandavensis Hybrids. Mixed.
Primulinus Hybrids. Mixed.
GLOBE AMARANTH. (Gomphrena.) (Everlasting Clover.)
Globosa. Red, White and Pink, each.
Mised
GREVILLEA. Robusta (Silk Oak).
GYPSOPHILA-Elegans Grandiflora Alba. Covent Garden Strain. .............................. Lb., $\$ 1.60$; $1 / 4 \mathrm{lb} ., 45 \mathrm{c}$ HUNNEMANNIA-Fumariaefolia (Bush Escholtzia). $11 / 2$ 'ft. The plants grow into a shrubby bush and produce their large oup-shaped flowers 3 inches across on stems 12 in . long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. A good "catch" crop.
., $\$ 5.00$
IMPATIENS-Holstii, Very fine . . . . . . . . . . . . . . 500 seeds
Holstii, New Hybrids. New Hybrids, extra choice, 500 seeds
Sultani . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 500 seeds
Hybrids. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 500 seeds
IPOMOEA-Noctiflora. (Moonflower.) White seeded

1b., \$3.60
1b., 3.60

Bona Nox. Lisge blue flowers
ib. 2.00
Setosa. (Brazilian Murning Glory)..................... 3.00
ISOLOMA-Hirsutum Multiforum Hybridum. New, fine for pols.

# Vaughan's Giant Pansies 

## "INTERNATIONAL"



Vaughan's International Pansy Mixture was first offered by us in 1889. We import from all the best European sources. Each year has added to the quality of its flowers and variety of its colors. We buy every year, novelties of known merit and other special selections or named kinds. Each of our mixture contains over 50 per cent of named sorts. This is one of the Specialties that has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. Trade pkt., 50c; 1/8 oz., \$1.25; 1/2 oz., \$4.00; oz., \$8.00.

## Giant Mixture

Embraces, besides all the separate shades and colors, five special strains not listed elsewhere, and whioh can only be had in this and our Internatignal Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau and the splendid, Cassier strain. Trade pkt., $50 \mathrm{c} ; 1 / 8 \mathrm{oz} ., 75 \mathrm{c} ; ~ \mathrm{oz} ., \$ 5.00 ; 1 / 4 \mathrm{lb} ., \$ 18.00$.

## NEW Early-Flowering Giant Pansies

The 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.
EARLY FLOWERING GIANT (Hyemalis), Yellow; Dark Blue; Light Blue; Ice King, white with black eye; Jupiter, dark purple violet; Mars, corn flower-blue North Pole, pure white; Snow Storm, snow-white, dark seeded; Wodan, black

Each of the above early-flowering. Trade Pkt., 25c; $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$; oz., $\$ 1.60$
Mixed. Trade Pkt., 25c; 1/4 oz., 40c; oz., \$1.50.

## Vaughan's Cut Flower Mixture

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture tor several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of flowers. Pansies are as easily grown as violets, requir less care and bring better results. Trade pkt., 25c; $1 / 80$ oz., $60 \mathrm{c} ; \mathrm{oz},, \$ 4.00$.

## Chicago Parks Bedding Mixture

This is a misture made by ourselves from 20 different and distinct varieties of this type While the flowers of this strain do not grow as large as those of the Giant Pansies, they While the flowers of this strain do not grow as arge as those by a much greater number of flowers to a plant. Trade Pkt., 25c; 1/4 oz., 40c; excel them by a much
oz., $\$ 1.40 ; 1 \mathrm{l} ., \mathbf{\$ 2 0 . 0 0}$.

## Vaughan's P. P. (Pop $\left.\begin{array}{c}\text { Popular } \\ \text { Price }\end{array}\right)$ Mixture of Pansies

This misture, 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., 25c; 1/8 oz., 50c; oz., $\$ 3.00 ; 1 \mathrm{~b}$., $\$ 30.00$.

# Pansy-Vaughan's Giant Sorts 

| Adonis, light blue white center | Trade pkt. $\text { .... } \$ 0.15$ | $\begin{gathered} \text { 3/808. } \\ \$ 0.30 \end{gathered}$ | $\begin{array}{r} \mathrm{Oz} \\ \$ 2.00 \end{array}$ |
| :---: | :---: | :---: | :---: |
| Auricula Colors, metallic shades | . 15 | . 30 | 2.20 |
| Aurora, pure white without blotches | . 15 | . 30 | 1.80 |
| Azure Blue | . 15 | . 30 | 2.00 |
| Beaconsfield, light lavender and rich purple | . 15 | . 30 | 1.80 |
| Black, large true black | . 15 | . 30 | 1.80 |
| Boulogne Giants, s special French selection | 1.00 | 3.50 | 24.00 |
| Bridesmaid. | . 25 | . 40 | 2.80 |
| Bugnot, shades of red, bronze and reddish cardinal | .. 25 | . 50 | 3.20 |
| Cassier, 3 and 5-spotted, an A1 strain. | . 25 | . 40 | 3.00 |
| Emperor Francis Joseph, white with violet spots | . 25 | . 40 | 3.00 |
| Emperor William, dark navy blue. | . 15 | . 30 | 2.00 |
| Eros. Purple, yellow border | . 25 | . 50 |  |
| Fiery Faces, red with black blotches | - . 15 | . 30 | 2.00 |
| Freya. Silver edged. | . 15 | . 30 | 2.20 |
| Golden Queen, clear golde | . 15 | . 30 | 1.80 |
| Goliath Golden Queen. | . 25 | . 45 | 3.00 |
| Indigo King, Indigo blue | . 15 | . 30 | 3.20 |
| Lavender Blue. | . 25 | . 45 | 3.20 |
| Madame Perret, lovely shades of pink and rose | . 15 | . 30 | 2.00 |
| Masterpiece-Giant Curled or Spencer. In reality number of petals is the same as that in other $P$ flowers, but they are crimped and curled in a fashion that the flowers appear double. colors are superb, mostly red and brown shades. | the <br> ansy such The .... . 25 | . 45 | 3.00 |
| LARKSPUR |  |  |  |
| We recommend these Larkspurs as cut flowers for under glass to follow "mums" or sweet peas. |  |  |  |
| Lavender Butterfly |  | . 15 | . 60 |
| Stock-Flowered, Newport Pink | lb., \$6.00 | 0.15 | . 60 |
| Exquisite Pink, new extra choice |  | . 25 | 1.25 |
| White. | 1b., \$5.00 | - . 10 | . 50 |
| Bright Rose | lb., \$5.00 | 0- 10 | . 50 |
| Shell-Pink Lilac Dark Blue | Sky-Blue |  |  |
| Each of the above | .lb., \$5.00 | 00. 10 | . 50 |
| Mixed | lb., \$4.00 | 00. 10 | . 40 |
| Vaughan's Special Mixture Annual Larkspur |  | . 15 | . 60 |
| Lemon Verbena (Aloysia Citriodora) ...: .... | 1/4 oz., 60c | c . 25 |  |

## LARKSPUR

 mums" or sweet peasTrade Oz
Blue Butterfly
.60

November 26, 1921
Mr. C. L Baum. Knoxville, Tenn., says for me to tell Vaughan's that the Cyclamen Seed purchased from them six weeks ago, showed the best germination of any he ever used. H. G. PRICE.

Ib., $\$ 6.00$
lb., $\$ 5.00$
lb., $\$ 5.00$. 10
lb., $\$ 5.00$. 10
lb., $\$ 4.00$
$1 /$ oz, 60c
Lavender Butterfly
Exquisite Pink, new extra choice

Trade pkt. 1/8 oz. Oz
Mauve Queen $\begin{array}{lll}\mathbf{\$} .15 & \$ 0.35 & \$ 2.40\end{array}$ Orchid-Flowered, mixed, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge

## Mammoth

Parisian Striped
Paris Market, an improved strain of Trimardeau.
Pheasant's Eye, sky-blue edged, violet
Pink, lovely shades of pink, same as Hydrangea.
President Carnot, five blotched white
President McKinley, flive blotched yellow
Pretiosa, dark purple on white ground
Prince Bismarck, bronze and light brown
Prince Henry. Darkest blue.
Purple, very large, rich deep purple
Purple King.
Ruby Red. Purplish red shades
Striped, mahogany striped and flaked white
Trimardeau, mired .................

## Volcano

White, with dark eye, very large.

| .15 | .30 | 2.20 |
| :---: | :---: | :---: |
| .25 | .60 | 4.00 |
| .15 | .30 | 2.00 |
| .15 | .. | 1.60 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.20 |
| .25 | .45 | 3.00 |
| .25 | .45 | 3.00 |
| .25 | .45 | 3.00 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.00 |
| .15 | .30 | 2.00 |
| .10 | ... | 1.20 |
| .15 | . .30 | 2.00 |
| .25 | .45 | 3.00 |
| .15 | ... | 1.60 |
| .15 | ... | 1.60 |
|  |  |  |

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## LILIUM REGALE (The Regal Lily)

It is absolutely hardy and is excellent for forcing. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow as the center, and extending part way up the trumpet. It is delightfully perfumed. Blooms out of doors early in July, and seedling bulbs will flower the second year. 1000 seeds, $\$ \mathbf{3 . 0 0}$; 100 seeds, 50c.

## LOBELIA

Trade plst. Oz
Erinus Crystal Palace Compacta, true.....................1/4 oz., 60c . $25 \quad 2.00$
Speciosa, dark flowers and foliage, true ............................. . . . . 15 . 1.00
Emperor William, dwarf.. . . ...........
White Lady, dwarf
$\begin{array}{lll}1 / 4 \mathrm{oz} .50 \mathrm{c} & .25 & 1.60 \\ & .20 & 1.80\end{array}$
Pumila Splendens, Bedding Queen. Dwarf and compact; little bushes entirely covered with large flowers of deepest purple, with the white eye ......................... . $1 / 4 \mathrm{oz}$., 60c White.

| .25 | 2.00 |
| ---: | ---: |
| .15 | 1.00 |
| .10 | .80 |

## LUPINUS

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

Light Blue
Roseus
Alba.
Annual Yellow. Takes well on the Chicago market
MAURANDIA, mixed

## MIGNONETTE

| Lb. | Trade pkt. | Oz. |
| :---: | :---: | ---: |
| $\$ 3.60$ | $\$ 0.10$ | $\$ 30.00$ |
| 3.60 | .10 | .30 |
| 3.60 | .10 | .30 |
| 3.60 | .10 | .30 |
| 4.00 | .10 | .40 |
| $\ldots$ | .25 | 1.40 |

Trade pkt. Oz .
TRUE MACHET. Vaughan's Selected Stock. The seed we offer, produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalk. Finest in every way for florists' use and for pots. $\ldots . . .1 / 4 \mathrm{oz} .20 \mathrm{c}$ VAUGHAN'S GIANT ROCKET. The largest and most robust variety. The flowers are wonderfully fragrant and produced in great abundance. 14 to 16 inches long. $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$
$\$ 0.10 \quad \$ 0.60$ NEW YORK MARKET. This is an extra choice strain of Mignonette for greenhouse culture. Our seed is green house-grown, raised by a most careful grower. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment............... 14 oz., 1.00
Mimulus. Tigrinus, Mised $1 / 4 \mathrm{oz} ., 60 \mathrm{c}$
$1 / 8 \mathrm{oz} ., 50 \mathrm{c}$ Fl. Pl., (Double Monkey Flower) $\qquad$ New Large-Flowering, single oz., 50 c $25 \quad 1.50$

## Petunia

## Single Small-Flowered Sorts

For complete list of Petunias please see our Spring Catalogue
Blotched and striped (Inimitable.)
General Dodds. Blood-red
$1 / 40 z, 400 \mathrm{c}$
Countnss of Ellesmere Pink with white throat $\$ 0.15 \quad \$ 1.00$ rhanging $\begin{array}{lr}.10 & 1.80 \\ .10 & .80\end{array}$ Lord Courtenay. Brilliant rose, yellow throat r hanging Howard's Star, Improved. One of the best for hanging baskets.

## Single Small-Flowered Dwarf Sorts



Rose of Heaven, beautiful pink, very dwarf. il-flowering,
1/4 oz., 50c

## Large-Flowering-Single

(About 1000 Seeds in Trade Packet)
The flowers in this section measure from 3 to 4 inches in diameter.

|  |  | rade |
| :---: | :---: | :---: |
| Fringed, extra choice mixed | 1-32 oz.\$1.20 | \$0.35 |
| Balcony Blue. | 1-16 oz., 「50 | . 25 |
| Balcony Rose | 1-16 oz., . 50 | . 25 |
| Balcony White | $6 \mathrm{oz}, \mathrm{S} .50$ | 25 |

## Giant-Flowered-Single

The flowers in this section measure from 5 to 7 inches across
Whit with yellow throat. Copper-Rose
German Enıpress, lilac veined purple
German Enipress.inac veined purple............... 1-64 oz..
Triumph of the Giants, extra choice mixture......1-32 oz.
Vaughan's Best Mixture of large-flowering single sorts.

## Small-Flowering-Double

Double Small-Flowering, finest mixed...............1-64 oz., 1.50 .75

## Large-Flowering-Double

Double Large-Flowering, fringed, best mixed. 500 seeds, 75 c ; 1000 seeds. $\$ 1.25 ; 10,000$ seeds, $\$ 10.00 ; 1-64 \mathrm{oz} ., \$ 3.00$.
Lady of the Lake, double, white, 500 seeds, $85 \mathrm{c} ; 1000$ seeds, $\$ 1.50$.
Double Rose. ............... 500 seeds, 85c; 1000 seeds, $\$ 1.50$
Vaughan's Special Mixture. Double extra choice, 500 seeds. $75 \mathrm{c} ; 1 \mathrm{l} 00$ seeds. $\$ 1.25 ; 10.000$ seeds. $\$ 11.00$; $1-64 \mathrm{oz}$., \$4.00.

## PHLOX DRUMMONDI



Beckley, W. Va., April 19, 1923.
My dear Mr. Barker:-
g here is O.K. By the way, I got a dollar's worth of Petunia seeds from your friend Vaughan, viz.: Giants of California, and have sold already to a Charleston Horist $\$ 30.00$ worth and still have the best left. Now some of these individual blossoms are over four inches across and the colorings are simply superb. Beckley Floral Co.
$\qquad$


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

## Covent Garden. White

Chiswick Red. Improved red.
Giant Queen Alexandra. The largest giant white.
Giant Pink. Extremely large petals of great substance.
Giant Salmon. Massive heads of flowers of great substance.
King George. Beautifully fringed crimson.
Crimson King. Deep, rich crimson, with dark brown eye.
Ruby Queen. Fiery, intense scarlet, with bright yellow eye.
Delicata. A beautiful soft pink color.
Orange King. Orange color in the bud, orange-salmon shade around the edge of terra-cotta petals.
Queen Mary. Rose-pink.
True Blue.
Giant Mixed. Includes a number of new shades this year.
Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade Pkt, of 250 seeds, 50c; 3 for $\$ 1.40$; $\frac{1}{18}$ oz., $\$ 5.00$. $\qquad$
PYRETHRUM Parthenifolium Aureum (Golden Feather)....... Trade Pkt. $\$ 0.10$. $\$ 0.40$ Selaginoides, fern-leaved.

## SALVIA

Splendens, Clara Bedman or Bonfire..............3/4 oz.. $\$ 0.65$ America. New; the best.
Fireball. Dwari
Zurich. Very dwarf and early. $\qquad$


$\begin{array}{ll}.35 & 2.40 \\ .50 & 4.40\end{array}$ $\begin{array}{ll}.35 & 2.49 \\ .35 & 4.40 \\ .35 & 3.60\end{array}$ | .35 | 3.40 |
| :--- | :--- |

SAPONARIA. Vaccaria Rose Charming pot plant for greenhouse . 10 . 40 SCHIZANTHUS Grandifiorus 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 oven their fowers and remain in bloom for several weeks. Trade pkt. ( 500 seeds). 50 c : 号 oz.. $\$ 1.00$.

SHAMROCK.
Trade pkt. Oz.
$\$ 0.15$
$\$ 0.80$
$\$ 0$
SMILAX.
$1 / 4 \mathrm{lb} ., 75 \mathrm{c} ; 1 \mathrm{lb} ., \$ 2.80$
.10
SNAPDRAGON. See Antirrhinum.
STEVIA Serrata. White, fine cut flower
.25
THUNBERGIA. Mixed.
TORENIA Fournieri Grandiflora. Makes a fine pot plant, Bowers
blue with dark blotches on lip.......................... . $1 / 8$ oz., 50c
White Wings.
Bailloni .....

# Sweet Peas-Éarly Flowering-Spencer Varieties 

## Our Suggestion of Best Varieties of Colors Noted

WHITE (White Seeded)
All White
Snowstorm Improved
ROSE
Zvolanek's Rose
Miss Louise Gude
PINK AND WHITE
Columbia
WHITE (Black Seeded)
Madonna
VIOLET BLUE
Blue Bird

RED<br>Grenadier<br>Aviator<br>LAVENDER<br>Harmony<br>Princess

BLUSH PINK Fair Maid<br>ORANGE Glitters<br>SALMON Gorgeous



## Stocks for Forcing

## GIANT PERFECTION-Cut and Come Again

| Dark Blue | Canary-Yellow | Sky-Blue |
| :---: | :---: | :---: |
| White (Princess Alice). | Scarlet | Flesh |
| Silvery Lilac | Rose |  |
| Heatham Beauty. Rose shaded terra cotta. <br> Each of the above, trade pkt., $25 \mathrm{c} ; 1 / \mathrm{r} 0 \mathrm{oz} ., 35 \mathrm{c} ; \mathrm{oz} ., \$ 2.20$. Mixed, all colors, trade pkt., 25c; $1 / 4$ oz., 60c; oz., $\$ 2.00$. |  |  |

## GIANT BISMARCK

This is the favorite variety on Chicago Cut Flower market and florists who make a specialty of growing stocks buy the Bismarck. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Pure White Gold Ball Lavender Blood-red
Each of the above, trade pkt,, 25c; 1/8 oz., 50c; oz., $\$ 3.60$.
Chamois. Flesh and Golden Rose, 3 new colors each, trade pkt., 50c; $1 / 8 \mathrm{oz}$., \$1.00.

|  | Trade Pkt. |  | Oz . |
| :---: | :---: | :---: | :---: |
| Pink | $1 / 4$ or., 60c | \$0.25 | \$2.00 |
| Aurora Golden buff suffused with rose | 1/408., 60c | . 25 | 2.00 |
| Mont Blanc, white | 1/4 oz., 60c | . 25 | 2.20 |
| Crimson. | 1/8 oz., 35c | . 25 | 2.40 |
| Empress Augusta Victoria, Silvery lilac. | . $1 / 8 \mathrm{oz}$, , 35c | . 25 | 2.60 |
| Old Rose Improved. | . 1/8 oz., 50c | . 25 | 3.00 |
| Dark Blue. | . $1 / 8 \mathrm{oz}, 40 \mathrm{c}$ | . 25 |  |
| Cote d'Azure. Ligh\% blue. | . 1/8 oz., 65c | . 25 | 2.40 |
| Monte Carlo. Yellow. | . 1/8 oz., 35c | . 25 | 2.40 |
| Abundance. Soft carmine rose. | 1/8 oz, 35c | . 25 | 2.40 |
| Beauty of Nice. Mired. | .1/8 oz., 35c | . 25 | 2.00 |
| Empress Elizabeth. Brilliant carmine-rose | . 1/8 oz., 60c | . 35 |  |
| Large-Flowering Winter, White Lady. | 1/808., \$1.00 | . 50 |  |

## VERBENA

Mammoth. Mised
White. Extra choice.
Purple shades.
Pink shades
Dark blue
Blue shades
Defiance. Brilliant scarlet, true
Firefly, Brilliant scarlet, white eye
Hybrida Gigantea
Lucifer brilliant new red.
Auricula-Flowered. Mixed
Vaughan's Best Mixed.

## Florist's 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.
$\$ 100.00$ and over, 27 per cent. $\$ 50.00$ orders for $\$ 38.00$ net. 20 per cent off on orders of $\$ 20$ to $\$ 45.00$, if cash enclosed.

COMPARE THESE PRICES, they are MECH LOWER than many SO-CALLED NET prices.
F.O.B. NEW YORK OR CHICAGO


| ANCHORS-Flat |  |  |  |
| :---: | :---: | :---: | :---: |
| Inch | Price | Inch | Price |
| 10. | . 8020 | 20. | \$0 50 |
| 12. | 25 | 22 | .. 55 |
| 14. | 30 | 24 | 60 |
| 16. | . 35 | 27. | 70 |
| 18. | . 45 | 30 |  |
|  |  |  | 1 05 |
| Anchor on Base |  |  |  |
|  | .. 45 |  |  |
| 14 | . 55 |  | 110 |
| 16. | . 65 | 27 | 125 |
| 18. | , 75 | 30 | 150 |
| 20. | 85 | 36. | 200 |

Anchor on Reclizing Stand

| 12. | 35 | 20 |
| :---: | :---: | :---: |
| 14. | 40 | 24 |
| 16. |  | 30 |
|  | 60 | 36 |

Anchor and Cross on Base


| ANCHOR and CROSS |  |  |  |
| :---: | :---: | :---: | :---: |
| 0. | 20 | 20. | 45 |
| 2 | 25 | 22. | . 50 |
| 4. | 30 | 24. | 60 |
| 6 | 35 | 27. | 70 |
|  | 40 | 30. | 90 25 |
| BASES |  |  |  |
|  |  |  |  |
|  |  | 10. | 50 |
| 7. |  | 11. | i 75 |
|  | 35 | 12. | 100 |

ANCHOR ON EASEL

|  | 45 | 24......... 100 |
| :---: | :---: | :---: |
| 14. | 50 | 27........ 125 |
| 16. | 55 | 30....... . 150 |
| 18 | 65 | 36........ 17 |

HANDLE BASKETS

| Round |  |  |  |
| :---: | :---: | :---: | :---: |
| 4... doz. | 110 | 8. | 175 |
| 5 | 125 | 9. | 210 |
| 6 | 135 | 10 | 240 |
|  | 150 | 12. | 275 |

HANGING BASKETS
Plain Top


Hanging Baskets, Fancy Top


BELLS-Single Frame

 $8 \times 12 \ldots \ldots$
$10 \times 16 \ldots \ldots$
75
$12 \times 20 \ldots$
$14 \times 24 \ldots$
1 $\frac{10}{35}$ BIBLES ON STUMP

| $8 \times 12 \ldots \ldots$ | 75 | $12 \times 20 \ldots$ | 1 | 50 |
| :---: | :---: | :---: | :---: | :---: |
| $10 \times 16 \ldots .$. | $14 \times 24$ | 1 | 75 |  | BROKEN WHEEL






Casket Cross on Round Base


| Inch | Price | Inch | Price |
| :---: | :---: | :---: | :---: |
| 14. | . 8080 | 20. | . $\$ 200$ |
|  | 100 | 24 | 250 |
|  | 145 | 28 | 300 |
| CRESCENT |  |  |  |
| 10. | 15 | 16. | . 28 |
| 12. | . 18 | 18. | . 35 |
|  | .. 23 | 21. | . 50 |
|  |  | 24 | . 70 |
| Crescent on Base |  |  |  |
| 10. | ... 35 | 16. | ... 70 |
|  | ... 45 |  | . 85 |
| 14. | . . . 55 | 21 | 100 |
|  |  | 24. | - 125 |


| Inch | Price | Inch | Price |
| :---: | :---: | :---: | :---: |
| 10. | \$0 45 | 18. | \$1 03 |
| 12 | . 55 | 20 | 110 |
| 14. | 65 | 22. | 140 |
|  | 75 | 24. | 170 |
| SLANTING CROSS |  |  |  |
| 12. | 18 | 24 | 5.5 |
| 14. | . 20 |  | 6.1 |
| 16 | . 25 | 30. | . 80 |
|  | . 30 | 33. | 100 |
|  | . 35 | 36. | 125 |
| 22. | . 40 |  |  |
| Slanting Cross on Round Base |  |  |  |
| 12. | . 40 | 24. | 90 |
| 14. | . 45 |  | 100 |
|  | . 50 | 30. | . 125 |
|  | . 60 |  | 150 |
| 20. | . 70 | 36. | 200 |
|  | . 80 |  |  |




| Col | Knights. | On Easel |
| :---: | :---: | :---: |
| 15. | 50 21.. | 225 |
| 18 | 7524 | 300 |
|  | EASELS |  |
| Back | Legs fold |  |
|  | 1027 |  |
| $18$ | 1230 |  |
| $21 .$ | 1536. |  |
| $24$ | 2042 | 45 |
|  |  |  |

FAITH, HOPE AND CHARITY


Packing charges at cost. Sec NEW DISCOUNTS above.


GATES AJAR


FAITH, HOPE AND CHARITY


STAR ON BASE


HARP ON BASE
ANCHOR ON BASE


PACKING CHARGES AT COST.


## 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.

| Ho. of Basket | Helght inch | Depth lach | Width lach | Natura each | Stained sach | Two-tone gold finish | Lner extra |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7/18 | 18 |  |  | \$1.20 | \$1.30 | \$1.40 | \$0.20 |
| $7 / 24$ | 24 |  |  | 2.40 | 2.90 | 4.00 | . 30 |
| 7/30 | 30 |  |  | 3.30 | 3.75 | 5.00 | . 45 |
| 7/36 | 36 |  |  | 4.20 | 4.50 | 6.35 | . 60 |
| 7/42 | 42 |  |  | 5.25 | 5.80 | 8.00 | . 75 |
| $37 / 12$ |  |  | 5 | Per ${ }^{\text {do }}$ | en. 2.75 |  |  |
| 37/14 |  |  | 6 |  | $\cdots \quad 4.00$ |  |  |
| 37/18 |  |  | 8 | - | -¢ 5.30 |  |  |
| 37/20 |  |  | 9 | $\because$ | - 6.60 |  |  |
| 37/22 |  |  | 10 | $\bullet$ | 8.00 |  |  |
| $37 / 25$ |  |  | 11 | " | * 9.25 |  |  |
| 65/1 | 29 | 11 | 11 | 1.05 | 1.25 | 1.35 | . 30 |
| $65 / 2$ | 33 | 14 | 12 | 1.30 | 1.55 | 1.70 | . 40 |
| 65/3 | 44 | 19 | 14 | 1.95 | 2.20 | 2.55 | . 45 |
| 65/4 | 50 | 24 | 16 | 2.55 | 3.00 | 3.70 | . 55 |
| 124/1 | 22 | 9 | 7 | . 37 | . 42 | . 48 | . 10 |
| 124/2 | 27 | 101/2 | 8 | 50 | . 60 | . 70 | .15 |
| 124/3 | 32 | 13 | 9 | . 70 | . 80 | . 90 | . 20 |
| 124/4 | 40 | 18 | $91 / 2$ | 1.30 | 1.50 | 1.70 | . 25 |
| 161 /1 | 32 | 131/2 | $61 / 2$ | An | Finish | 1.30 | [ncluded |
| $161 / 2$ | 37 | 141/2 | 8 |  |  | 1.65 |  |
| 161/3 | 45 | 20 | 9 |  |  | 2.20 | - |
| 183/4 | 18 | 7 | 9 | . 35 | . 45 | . 55 | . 22 |
| 183/5 | 20 | 71/2 | $91 / 2$ | . 40 | . 50 | . 65 | . 28 |
| 68/1 | 14 | 7 | 6 | . 95 | 1.10 | 1.20 | . 35 |
| 68/2 | 19 | $71 / 2$ | 61/2 | 1.15 | 1.40 | 1.55 | . 45 |
| 68/3 | 22 | 8 | 7 | 1.60 | 1.90 | 2.10 | . 60 |
| 207/0 | 10 | 4112 | 4 | . 35 | . 45 | . 60 | . 20 |
| $207 / 1$ | 14 | 5 | 5 | . 50 | . 65 | . 75 | . 25 |
| 207/2 | 18 | 6 | 61/2 | . 65 | . 75 | . 90 | . 40 |
| 214/0 | 17 | 510 length |  | . 85 | . 95 | 1.10 | . 30 |
| $214 / 1$ | 19 | $6121 / 2.0$ | $71 / 2$ | 1.25 | 1.35 | 1.65 | .35 |
| 214/2 | 24 | 715 " | 8 | 1.55 | 1.70 | 2.10 | No 40 |
| 256/5 |  |  | 5 | . 18 | . 30 | . 32 | No liner |
| 256/6 |  |  | 6 | . 25 | . 35 | . 50 |  |
| $256 / 7$ |  |  | 7 | . 35 | . 45 | . 60 | $\because$ |
| $256 / 8$ |  |  | 8 | . 45 | . 60 | . 80 | - |
| 256/9 |  |  | 9 | . 55 | . 80 | 1.00 | " |
| 396 |  |  |  | . 50 | . 60 | . 70 | . 10 |
| 499/1 | 16 |  | 9 | 1.00 | 1.10 | 1.20 | . 15 |
| 499/2 | 19 |  | 10 | 1.20 | 1.30 | 1.40 | . 25 |
| 507/6 |  |  | $61 / 2$ | . 50 | . 70 | . 85 | . 25 |
| 507/7 |  |  | $71 / 2$ | . 70 | . 90 | 1.10 | . 35 |
| $507 / 8$ |  |  | 81/2 | . 90 | 1.10 | 1.40 | . 35 |

# Vaughan's Greenhouse and Florists'Supplies 

Prices quoted in this Catalogue 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 $1 \frac{1}{4} \mathrm{yds}$. long. Each, $\$ 2.10 ; 3$ for \$6.00. Postage, 25c each, extra.
CAPE FLOWERS.
Lb.
Pure White. Extra fine quality
$\$ 1.50$
Colored. Bright shades
2.25

CARNATION BANDS, Rubber. Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about $13,000, \$ 2.75$ 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.

In packages of 100 only.

F. O. B. Chicago only. Printing $\$ 3.75$ extra. In gold $\$ 7.50$ extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete stock and can usually fill orders promptly. If required printed, usually means delay of about ten to twelve days.

Prices subject to change without notice owing to market conditions. VAUGHAN'S "GREEN" GRADE.

| Fine, green-lined, moisture-proof board. Very popular. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Slise in inches | Per 100 | 100 | Sise in inches | Per 100 |  |
| $3818 \times 5$ | 40 lbs . | \$4.25 | 48248 | 85 lbs. | 7. 50 |
| ${ }^{2} 21 \times 5$ | 45 lbs . | 4.50 | ${ }_{5 \times 36 \times 8}^{5 \times 288}$ | 125 lbs. |  |
| 退 $31 / 82 \times 2 \times 5$ | 65 lbs . | 6.00 | $6 \times 40810$ | 179 lb | 17.75 |
| 31/930x5 |  |  |  |  |  |

FLORAL DESIGN BOXES. (Grey).


## DOVES, Vaughan's Flexible

The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.
Doves have been very scarce for a year. We can't do ordinary "First Quality" at present.

Extra Quality Birds.
Price, ea., $\$ 2.35 ; 6$ for $\$ 13.00$; doz., $\$ 25.00$.

## 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, $51 / 2 \mathrm{c}$ each; $100, \$ 5.00$. BOSTON FLORISTS'. Patent fasteners with each letter, $1 \frac{1}{2}$ 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, $41 / 2$ c. FELT LETTERS. Purple. For pasting on rib-
 bon of any kind Used when letters of other makes are not available. 1 -inch, per 100, $\$ 1.00$; in less than 100 lots, $11 / 4 \mathrm{c}$ per letter.
GILT RIBBON LETTERS. Gummed. $11 / 4$-in. per 100, $\$ 1.25$ per $1000, \$ 4.50 ; 3 / 4$-in., per $100, \$ 1.00 ; 1 / 2$-in., per $100,75 \mathrm{c}$.
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, $45 \mathrm{c} ;$ per gross, $\$ 4.50$.
Worsted, Medium-12 yards, 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, $\$ 4.50$.


## VASE. Green Earthenware Cemetery. A

 strong and ornamental vase, that keeps its color. Each, 35 c ; per dozen, \$3.20; 3 doz. for $\$ 9.00$.
## 顽

VASES Florists' Glazed Fibre. Furnished in deep, rich brown glaze; absolutely waterproof. Largely used for displaying cut flowers. Can be used for many purposes. More desirable than glass or earthen, because they are light, strong and will not break if dropped. They pay for themselves in a short time.


## HYACINTH GLASSES

Tall American, in four distinct colors. $\$ 3.60$ per dozen; 3 dozen, $\$ 10.35$.
Tye Shape. These are preferred by some to the ordinary tall. Per doz.,
 $\$ 3.75$; 3 dozen for $\$ 10.75$.

Galvanized Vases

## Tye Shape

A Good Variety of Sizes in These Flower Vases And they are built right. Galvan And they are built right. Galvan-
ized, hand soldered, with wire reinized, hand soldered, with wire rein-
in reement at the top-the sides tapering so that they nest.
Attractively striped in red.

[^2]

Attr

## S

## 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
25 to 49 feet
. per ft. 20c
per ft. 19e
50 to 99 feet.
per ft. $181 / 2 \mathrm{c}$
100 to 400 feet.
per ft. 18 c
In bales of $500 \mathrm{ft} ., 17 \mathrm{cft}$.

HOSE COUPLER, The "Snap."
A new and simple coupling, easy to operate; stationary washer; cannot fall out.


No. 1


No. 2


No. 3


No. 4

PERFECT CLINCHING HOSE COUPLER.

3/4-inch. Per pair, 25c; per doz., $\$ 2.50$
PERFECT CLINCHING HOSE
 MENDER. Each, 15c; doz., \$1.10.

## HOSE NOZZLES.


"Chicago"-Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each $33 / 4$ inches in diameter, about 100 very fine holes in each giving both fine and coarse, effective sprays. Florists like it. Price, $\$ 2.50$.

Boston Rose Spray Nozzle-Brass. $3 / 4$-inch hose. State whether coarse or fine spray is wanted. Each. $\$ 1.10$; by mail, $\$ 1.15$.
Bordeaux Spray Nozzle-For spraying insecticides and whitewashing. $1 / 2$-inch hose. Each, 90 c ; by mail, 95 c.


Vermorel Spray Nozzle-For spray-
ing insecticides and whitewashing. For $1 / 2$ inch hose. Each, $95 c$; by mail, $\$ 1.00$.
"Gem" - Throwing all variations, from fine spray to stream. Each, 85c.
HOSE STRAPS, Caldwell. For $1 / 2,3 / 4$ and 1 in. hose. Doz., 35c. HOSE WASHERS. $\sqrt[3]{4}$-inch. Doz., 5 c ; gross, 50 c .
HOSE CLAMPS. with nut and bolt. For $3 / 4$-inch hose. Each, 5c; doz., 45 e.

## Florists' Knives

Sheffield English Knives are standard the world over. The following have been made specially for our trade.

Try them and you will use no other.
Each 3 for Budding and Pruning, Stag Handle, 2 blades....... $\$ 150 \quad \$ 425$ Budding, Beech Handle. Per doz., $\$ 4.00$......... $40 \quad 110$ Budding Saynor, Ivory Handle.
$300 \quad 850$

Budding, Ivory Handle, No. 109.
$225 \quad 650$
Pruning, Swedish, No. 70E
100275
Pruning, Genuine Stag Handle, 2 blades
200 575

Potato Knife, Stationary hlade, beech handle, right or left handed
$\qquad$
Pruning, English stag handle 225

You cannot grow plan:s without Fertilizers. They come high, but we must have them - we have added to this line.


# Greenhouse and Garden Supplies 

VATS. Burlap One Side. Made of waste wool with Burlap on hoth sides. Size C, $40 \times 76$ inches, each, $\$ 2.35$; doz., $\$ 26.00$. Size D, 76x76 inches, each $\$ 3.50$, doz., $\$ 39.00$.
SASH, Hot bed. Unglazed, $3 \times 6 \mathrm{ft}$., for 3 rows, 10 -inch single glass, each, $\$ 2.65 ; 3$ for $\$ 7.65$; doz., $\$ 28.80$. Glazed, single strength, each $\$ 5.75$; doz., $\$ 66.00$.
For 38 in. $\times 6$ ft., for 4 rows 8 -inch single glass, unglazed, each, $\$ 2.90$; 3 for $\$ 7.40$; doz., $\$ 32.40$. Glazed, each, $\$ 6.00$; doz., $\$ 69.00$.
Double Glass Sash, $3 \times 6 \mathrm{ft}$., for 3 rows, 10 -in. glass, unglazed, earh, $\$ 5.45$; 3 for $\$ 15.90$; doz., $\$ 62.00$. Glazed, each, $\$ 10.25$; 6 for $\$ 60.00$.
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.
'LANT BED CLOTH. A substantial substitute for glass, being light, can be easily and safely shipped.
Medium. 20 yds. and up, per yd., $21 \mathrm{c} ; 60$ yds. and up, yd., 19 c . Heavy. 20 yds. and up, per yd., $29 \mathrm{c} ; 60$ yds. and up, yd., 27 c . We do not sell less than 20 yards of a kind; it comes in 40 and 60 -yard lengths. Samples on application.

| ROLLING STANDS. Made |  |  |
| :---: | :---: | :---: |
| of wood fibre for b |  |  |
| 12-in. | Each | $\underset{\substack{\text { Doz. } \\ 9 \\ \text { 20 }}}{ }$ |
|  |  | 1200 |
| -in |  |  |
| 20 in | 2.35 | 26.00 |

## YYRINGES

## English Brass.



Each
No. 0. Length, $12 \frac{1}{2}$ in.; $15-16$ in. in diam............... . $\$ 2.35$
No. D. $151 / 2$ in. long, $11 / 2 \mathrm{in}$. in diam
No. 5. Best for general Greenhouse use 6.50

No. 12. 14 in. long, 1 in. in diam.
375
No. 11. 18 in. long; 1 stream, 2 sprays

THERMOMETERS (Can be sent by mail for packing.) 8 -in., each, 30 c; doz., 82.50 ; 10 -in., each, 35 c; doz . $\$ 2.75$.
Tin Case. Standard Grade (tested.) 8 -inch, each, \$1.40; 3 for $\$ 4.00$.
Cabinet. Wood case, metal face. Each, 65 c; 3 for $\$ 1.75$
Self-Registering. With magnet. 8 -inch. Each, 85.50
Minimum. For registering cold during absence and showing present temperature. Each, $\$ 2.00$
Hot Bed (Mushoroms). Brass point, wood frame. Each, $\$ 2.00$.
8-inch W od Back Thermometer. Eaqy reading olack oxidized brass scale, range about plus 30 to. $120^{\circ} \mathrm{F}$., magnifying red spirit tube. This is a very easy reading and popular thermometer for greenhouses. Price, each, 85 c ; 3 for $\$ 2.25$.

## WHEELBARROWS



Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with $2 \frac{1}{2}$ -
 inches wide. The barrow is 20 inches wide over all, and is made of the best material. Legs reinforced. Price, each, $\$ 10.00$.
The Globe Barrow. Measurement of box, 30 in . long, 19 in . wide at wheel, 24 in . at handles. Price with steel wheel $\$ 7.00$.

## Glazing Tools, Materials and Paints

ALL THE BEST MATERIALS FOR GREENHOUSE USE


## MASTICA, For Glazing Greenhouses

The use of "Mastica". avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass 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., $\$ 2.25 ; 5$ gals., $\$ 11.00 ; 10$ gals., $\$ 21.00$.
KASTICA MACHINE-Each, $\$ 2.75$.

## 3LAZING 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., $\$ 2.50 ; 5$ gals., $\$ 12.25 ; 10$ gals., $\$ 24.00$.

## VAUGHAN'S GREENHOUSE BULBING CEMENT

A pure asphalt glazing compound for green ouse 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. Bbl., 50 to 60 gals., per gal., $\$ 1.00 ; 1 / 2 \mathrm{bbl} ., 30$ to 40 eals., per gal., $\$ 1.05 ; \mathrm{keg}$, 20 gals., per gal., $\$ 1.10$; pa1, 10 gals., per gal., $\$ 1.20$; pail, 5 gals., per gal., $\$ 1.30$, pail, $21 / 2$ gals., per gal., $\$ 1.40$; can, 1 gal., $\$ 1.50$. NOTE-First three shown put up in wooden barrels. Other sizes steel rontainers. Can tin.

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, $\$ 1.25 ; 3$ for $\$ 3.60$; doz. $\$ 11.00$. If by mail, (weight under 1 lb .)
GLAZING POINTS, Vaughan's Perfection-No rights or lefts
No. 2. For large single thick gla No. 21/2. Double thick, for greenhouses and skylights. VAUGHAN'S 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 55 c per 1 b .
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 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 CUTTER. 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, $35 \mathrm{c} ; 3$ for $\$ 1.00$ PAINT, Hammond's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack, Per gal., $\$ 3.60 ; 2$ gals., $\$ 7.10 ; 3$ gals., $\$ 10.50 ; 5$ gals., $\$ 17.00 ; 10$ gals., $\$ 33.00$.
HAMMOND'S GREEN, Mount Beacon. Specially prepared for shading greenhouses. Per gal., $\$ 2.65 ; 5$ gals., $\$ 13.00$.

Prices on all insecticides are subject to change as season advances．

NIKOTEEN．Use same as Nicoticide． $1 / 2$ pt．，$\$ 1.10$ ；pt．，$\$ 2.00 ; 3$ pts．，$\$ 5.75$ ．Per original case， 10 pts．$\$ 18.00$ ．
HALL＇S NICOTINE FUMIGATOR．
Lights quickly，burns evenly and will not go out．No waste；every particle is con－ sumed．It retains its strength indefinitely． $21 / 2-\mathrm{lb}$ ．tin，$\$ 2.50 ; 10-\mathrm{lb}$ ，tin，$\$ 8.50$ ．
APHINE． 1 pt．，65c； 1 qt．，$\$ 1.00$ ； 1 gal． $\$ 3.00$ ．

NICO－FUME LIQUID．For fumigating or spray－ ing，contains 40 per cent nicotine， $1 / 1 / 1 \mathrm{~b} .75 \mathrm{c}$ ； 1 lb ．$\$ 2.25$ ； 4 lbs．$\$ 8.00$ ； 8 lbs．$\$ 15.00$ ．
＂NICO－FUME．＂A tobacco Paper for Fumi－ gating．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 $\$ 5.50$ ； 288 sheets，$\$ 10.00$ ．Prices subject to change．

Chemical market unsteady．
TOBACCO DUST，（Regular Grade） 5 lbs．，30c； $10 \mathrm{lbs} ., 55 \mathrm{c} ; 100 \mathrm{lbs} ., \$ 4.00$ ．
TOBACCO STEMS．These prices subject to change without notice，on account of the uncertain supply．
100 lbs
500 lbs.
$\begin{array}{r}9.00 \\ \hline\end{array}$
VERMINE．For eel，cut worms and wire worms， working in the soil．It can be applied to all vegetation．Gal．，$\$ 3.00$ ；qt．，$\$ 1.00$ ．

APHIS PUNK．Special preparation of nicotine for killing insects． Per pkg．， 12 sheets， 75 c ； 1 case， 12 pkgs．，$\$ 8.50$.
BORDEAUX MIXTURE．（Dry．）The best fungicide for curing and preventing black rot，mildew，blight，leaf curl，scab or other fungoid diseases on fruits and plants． 1 lb ．will make 5 gallons liquid．Lb．，40c； 5 lbs．，$\$ 1.75$ ；25－lb．kegs，$\$ 5.50$ ．
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．， $12 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 1.00 ; 50 \mathrm{lbs} ., \$ 3.50$ ； 100 lbs ．，$\$ 6.00$ ．
FUNGINE．New remedy for mildew，rust and other fungus diseases， for greenhouse and outdoor use． 1 qt．，$\$ 1.25 ; 1$ gal．，$\$ 3.00$ ．
GRAPE DUST．Excellent for the prevention and destruction of mildew on plants． $5 \mathrm{lbs} ., 95 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 1.80$.
HELLEBORE POWDERED，White．Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe． Per $1 / 4 \mathrm{lb} ., 20 \mathrm{c} ; 1 / 2 \mathrm{lb} ., 35 \mathrm{c} ; 1 \mathrm{lb} ., 60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.75 ; 10 \mathrm{lbs} ., \$ 5.00$.
LEMON OIL．Destroys mealy bug，scale，red spider． $1 / 2 \mathrm{pt}$ ．， $35 \mathrm{c} ;$ pt．60c；qt．，$\$ 1.00 ; 1 / 2$ gal．，$\$ 1.75$ ；gal．，$\$ 3.00 ; 5$ gals．，$\$ 12.00$ ．
LIME SULPHUR．The best remedy for San Jose scale．One gal－ lon 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， 40 c； 1 gal．，$\$ 1.00 ; 5$－gal．can，$\$ 4.00$ ．

MELROSINE．Is certain death to Rose bugs．One pint will make three gallons of spray solution．Pint，$\$ 1.00$ ；quart，$\$ 1.75$ ； half gal．，$\$ 3.25$ ；gal．，$\$ 6.00$ ．
PARIS GREEN．A poisonous insecticide in powder form，for in－ sects which chew．When applied as a powder use one part Paris Green to 100 parts plaster or flour．As a liquid one pound of Paris Green in 150 to 300 gallons water；if used on fruit trees add one pound quick－lime．Changes with market． $1 / 2 \mathrm{lb}$ ．， 35 c ；per 1b．， 60 c ； 5 lbs．，$\$ 2.75 ; 14 \mathrm{lbs}$ ．，$\$ 7.00$ ．
SCALECIDE．An oil preparation for San Jose scale．Use 1 gal．to 15 gals．water．Qt．，60c；gal．$\$ 1.40 ; 5$ gals．，$\$ 6.25 ; 10$ gals．，$\$ 10.60$ ．
SLUG SHOT，Hammond＇s．Guaranteed to destroy potato bugs， and those on tomato and egg plants，currant worms，cabbage lice and worms．Price， $1 \mathrm{lb} ., 20 \mathrm{c} ; 5 \mathrm{lb}$ ．package， $60 \mathrm{c} ; 25$ to 50 lbs．，at $101 / 2 \mathrm{clb}$ ．Per keg $125 \mathrm{lbs} ., \$ 11.75$ ；barrel， 250 lbs ．in bulk， $\$ 23.00$ ．Slug Shot Duster．Large size， 60 c ．
SULPHO－TOBACCO SOAP．One of the best remedies for green－ fly on roses．Per $1 / 2-\mathrm{lb}$ ．box， 25 c ；by mail，30c．Doz．，$\$ 2.50$ ； 3－oz．package，each，15c；doz．，\＄1．25．
THRIP JUICE．Destructive for mealy bug，scale，thrip，codlin moth，canker worm，beetles，caterpillars，etc．Per pt．， 75 c ； qt．，$\$ 1.10$ ；gal．，$\$ 3.25$ ．
ENOZ KILLS MOTHS．Applied by spraying garments，up－ holstery，robes，etc．；will not stain or injure the most delicate fabrics．Pint，$\$ 1.00$ ；quart，$\$ 1.65$ ；gallon，$\$ 4.25$ ．
X．L．ALL－LIQUID INSECTICIDE．English preparation，purely nicotine．A spray for white fly，mealy bug，red spider，etc Price， $1 / 2$ gal．，$\$ 3.25 ; 1$ gal．，$\$ 6.00$

## 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－except on Clay＇s Fertilizer， Nitrate of Soda，Horn Shavings，Scotch Soot and Guano．See special price sheet for prices F．O．B．New York．
ACID PHOSPHATE， $16 \%$ available． 100 lbs．，$\$ 2.10,500$ lbs．，$\$ 8.20 ; 1000$ lbs．，$\$ 14.35$ ； $2000 \mathrm{lbs} ., \$ 27.70$.
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 $41 / 2$ to $51 / 2$ per cent；total phosphoric acid， 22 to 25 per cent；total bone phosphate， 48 to $54 \%$ ．Price， 5 lbs．， 40 c ， 10 lbs．， $70 \mathrm{c} ; 25 \mathrm{lbs} ., \$ 1.25 ; 50 \mathrm{lbs} ., \$ 2.00$ ROSE GROWER bone meal － VAUCHAN＇S SEEDSTORE $100 \mathrm{lbs} ., \$ 3.20$ ； 500 lbs ．，$\$ 14.00$ ； 1000 lbs ， $\$ 25.50$ ； 2000 lbs．，$\$ 50.00$ ．
BONE MEAL．Regular or Standard Grade．Not steam treated． Price， $25 \mathrm{lbs}$. ．$\$ 1.15$ ； $50 \mathrm{lbs} ., \$ 1.75 ; 100 \mathrm{lbs} ., \$ 2.75$ ； $250 \mathrm{lbs} .$, $\$ 6.50 ; 500$ lbs．，$\$ 11.80 ; 1000$ lbs．，$\$ 21.30 ; 2000$ lbs．，$\$ 41.60$.
BONE AND BLOOD．Use one pound to bushel of soil for pot－ ting soils，one－fourth pound to square yard as top dressing． Price， 25 lbs．，$\$ 1.15$ ； $50 \mathrm{lbs} ., \$ 1.75$ ； $100 \mathrm{lbs} ., \$ 2.70 ; 500 \mathrm{lbs}$ ．， $\$ 11.60 ; 1000$ lbs．，$\$ 20.85$ ； 2000 lbs．，$\$ 40.65$.
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．，$\$ 1.35$ ； 50 lbs．，$\$ 2.15$ ； 100 lbs．，$\$ 3.30$ ； 500 lbs．，$\$ 14.30$ ．
DRIED BLOOD．For top dressing，for mixing with the soil and for applying in liquid form，it is one of the best and safest nitro－ genous fertilizers．Price， $5 \mathrm{lbs} ., 65 \mathrm{c} ; 10 \mathrm{lbs} .21 .10 ; 25 \mathrm{lbs} ., \$ 2.10$ ； 50 lbs ．，$\$ 3.50 ; 100 \mathrm{llss} ., \$ 6.10 ; 250 \mathrm{lbs} ., \$ 14.60 ; 500 \mathrm{lbs} ., \$ 27.00$

VAUGHAN＇S 3－8－6 FERTILIZER MIXTURE． $\$ 1.20 ; 50 \mathrm{lbs} ., \$ 1.85 ; 100 \mathrm{lbs} ., \$ 2.95 ; 250 \mathrm{lbs} .$,
$\$ 12.70 ; 1000 \mathrm{lbs} ., \$ 22.95$ ； 2000 lbs ．，$\$ 44.90$ ．

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 ．， $\$ 1.00$ ； 50 lbs．，$\$ 1.55$ ； 100 lbs．，$\$ 2.60$ ； $500 \mathrm{lbs} ., \$ 9.00$ ； 1000 lbs. $\$ 16.25 ; 2000$ lbs．，$\$ 32.00$ ．
CATTLE MANURE，Shredded．An efficient，high grade natural fertilizer for all general purposes，manufactured by special pro－ cess from selected fresh cleanings，giving it an even quality． The easy way of handling the manure，not a pound being wasted， makes it cheaper than the rough manure．Price， 100 lbs．，$\$ 2.05$ ； $500 \mathrm{lbs} ., \$ 8.00$ ； 1000 lbs ．，$\$ 14.25$ ； 2000 lbs ．，$\$ 28.25$.
VAUGHAN＇S LAWN AND GARDEN FERTILIZER 3－12－4． Does the work of twenty times its weight of farmyard manure，and does it better，more quickly and cheaper and lasts longer．Sterilized． Contains no weed seeds．Easily applied．Put up in neat packages and bags．Price， 25 lbs．，$\$ 1.25$ ； 50 lbs．，$\$ 1.90 ; 100 \mathrm{lbs}$ ．，$\$ 3.15$ ； 500 lbs．，\＄13．25； 1000 lbs．，$\$ 23.90$ ； 2000 lbs．，$\$ 46.90$.
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．， $80 \mathrm{c} ; 25 \mathrm{lbs} ., \$ 1.75 ; 100 \mathrm{lbs}$ ．， $\$ 5.00$ ； 500 lbs．，$\$ 22.75 ; 1000$ lbs．，$\$ 42.25 ; 2000 \mathrm{lbs} ., \$ 83.75$.
CLAY＇S FERTILIZER．Imported．Price， $28 \mathrm{lbs} ., \$ 4.20 ; 56 \mathrm{lbs}$ ．， \＄7．50； 112 lbs．，$\$ 13.75$ ．
ICHTHEMIC GUANO．Imported．Price， $28 \mathrm{lbs} ., \$ 2.85 ; 56 \mathrm{lbs}$ ．， $\$ 5.00$ 112 lbs．，$\$ 9.25$ ．
SCOTCH SOOT（Genuine Imported）．Price， $25 \mathrm{lbs} ., \$ 2.00 ; 50$ lbs．，$\$ 3.50 ; 100 \mathrm{Jbs},. \$ 6.50$ ．
HORN SHAVINGS．Quick acting and lasting．Price， $5 \mathrm{lbs} ., 80 \mathrm{c}$ ； 10 lbs．，$\$ 1.40 ; 25 \mathrm{lb}$ ．，$\$ 2.25 ; 50 \mathrm{lbs} ., \$ 4.00 ; 100 \mathrm{lbs}$ ．，$\$ 6.75$ ．

[^3]
# Sprayers, Blowers and Sprinklers 



## SPRAY PUMPS

Bink's Spray. A medium price sprayer constructed of best material and willdo good work. Equipped with 3 ft . discharge hose, shut-off cocks, Star spray nozzle and shoulder strap. Works with compressed air. Price
.$\$ 8.75$


Auto Spray. Eight to ten strokes compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray.
Price: Galvanized iron reservoir, $\$ 6.00$; with Auto Pop, $\$ 6.50$; solid copper reservoir, $\$ 9.00$; with Auto Pop, \$9.50. Brass Extension Rod, in 2-ft. lengths, each 50c.
Success Sp=ay 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, \$2.25.
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 .

## See page 28 for Insecticide nozzles.



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, \$5 25

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

## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

We are General Western Agents
None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each $\$ 1.25$;
 doz. $\$ 11.00$.

## Pruning and Lawn Tools

## (Weeders)

(Trowels)
SAWS, Double-Edged Pruning, \$1.75.

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 hand saw or fastened to any size pole. Each, $\$ 2.35 ; 3$ for $\$ 6.75$; extra blades, 25 c .


Curved, draw-cut saw with Curved, draw-cut saw with
crook for removing branches. Each, $\$ 2.00$.
Forester Pruning Saw. Makes heavy pruning easy and saves' time. 26 inches long. Each, \$1.i5.
SHEARS, Pruning. 6-in. $\$ 1.35$; 9-in. $\$ 1.75$. Extra springs, ea. 15c Levin's Improved. Most powerful shears made. Each, 85c.
Henckel Imported Pruning Shears, with ratchet, $7 \frac{1}{2}$ inch. Each, $\$ 2.25 ; 8 \frac{1}{2}$-inch, each, $\$ 2.50 ; 91 / 2$ inch, each, $\$ 3.00$.
Henckel. Calif. pattern, with brass spring. Each, $\$ 3.00$.
Grass. With thumb guard, for trimming around beds. Each, 40c. Border. Long handle, 9 -inch, $\$ 4.75$.
Sheep Shears, all-steel. Best quality, $\$ 1.35$.
 $\$ 1.75$; 26 -inch handle, $\$ 2.00$.
Clyde Draw-Cut Pruner. 24 -inch handle, $\$ 3.25$.

## FLORISTS' SNIPS

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


Improved Wire. For cutting annealed wire.
Each, $\$ 1.25$; 3 for $\$ 3.50$.
SICKLE. Grass Hook. (English, Riveted Back). Each, 85c.
Domestic Knuckle Saver. Each, 85c.
TREE PRUNERS. Waters' 6 ft., $\$ 1.65 ; 8 \mathrm{ft}$., $\$ 1.85$; 10 ft ., $\$ 2.00$; $12 \mathrm{ft} ., \$ 2.25$. Extra blades, each, 25c.
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, 90c; 3 for $\$ 2.75 ; 6$ for $\$ 5.00 ; 12$ for $\$ 9.50$.
Ordinary Garden Trowel. 6-inch, 15 c ; dozen, $\$ 1.50$.
English Steel. An excellent trowel, neat and durable; 6-inch, each, 35 c; 3 for $\$ 1.00$; dozen, $\$ 3.00$.
TURF EDGER American. With handle, each, $\$ 1.10$.
WEEDERS. Excelsior. 15c; doz., $\$ 1.50$.
Lang's, very useful. Each, 20c; doz., \$2.00.
Hazeltine Hand. Each, 30c; doz., $\$ 3.00$.
Wonder. Each, 70c; doz., $\$ 7.50$.


Piqua Lawn Weeders. Each, \$1.25.
Lang's Weeder
Eureka. The best little hand weeder that we know of for loosening soil around plants. Thin forged steel fingers. Short handled, 40 c ; long handled, 50 c .

## Labels-Stakes-Pots-Tubs

| LABELS (Pot). We carry the best quality of |  |  |
| :---: | :---: | :---: |
|  |  |  |
| Wooden Labels made. |  |  |
| They are smooth, strong and neat. |  |  |
| In lots of $5,00 \mathrm{w}$ : allow a discount of 5 per cent. | Plain | Painted |
| Wooden, 4-in., plain, 10,000, \$11.50 | \$1.25 |  |
| " 4 "painted, 10,000, \$15.00 |  | \$1.60 |
| " 5 " | 1.50 | 2.10 |
| " 6 " | 1.95 | 2.50 |
| " 8" | 5.45 | 6.35 |
| " 10 " | 6.65 | 7.75 |
| " 12" | 9.20 | 10.75 |
| LABELS (Tree). | Plain | Painted |
| Wooden, $31 / 2 \mathrm{in}$. iron wired. ..... .per 1000. | \$1.65 | \$2.10 |
| $31 / 2$ in. copper wired.... . per 1000 | 2.00 | 2.45 |

COPPER LABELS. Wired, indestructible. Per 100, \$1.60; larger size, per 100, $\$ 2.25$.
CYPRESS LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of $3 / 8$ inch timber. Paint with white lead before using, and write before paint dries.
Length, 16 inches.
18 inches


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 $33 / 4 \times 3 / 4$ inches. Price per $100, \$ 1.60$.
PENCILS, Weatherproof. For marking labels. Each, 10c; doz. $\$ 1.00$.

## 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 Chicago), per $100, \$ 2.25 ; 500$ 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.

|  | Per 100 |  | Per 100 |
| :---: | :---: | :---: | :---: |
| Light, $11 / 2$ feet. | . 82.15 | Light, 4 feet. | . \$ 8.15 |
| Light, 2 feet. | 3.00 | Light, 5 feet. | 10.20 |
| Light, $21 / 2$ feet. | 4.10 | Heavy, 3 feet | 7.85 |
| Light, 3 feet. | 5.35 | Heavy, 4 feet | 0.75 |
| Light, $31 / 2$ feet | 6.75 | Heavy, 5 feet | 13.75 |

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.


CLIP, Blake's Lever. A useful little article for fastening stakes to the cross wire. They never slip and are a great saving in both time and money. Price, $\$ 2.25$ per 1000. Samples mailed free.
GARDEN LINE. Per $96 \mathrm{ft} ., 95 \mathrm{c}$; if by mail (weight 1 lb. ) ; $960 \mathrm{ft} ., \$ 8.50$.
GARDEN LINE REEL. Each. ............ $\$ 1.00$


GRAFTING WAX. Per $1 / 4-\mathrm{lb}$. bar, $15 \mathrm{c} ; 1 / 2 \mathrm{lb}$. bar 25 c ;

Derices on pots subject to change without notice NEPONSET PAPER FLOWER POTS

We are western agents for these pots. The cheapest Flower Pots on the market. They are made from Neponset Waterproof Fabric, and for lightness, cleanliness and cheapness have no equal. They are absolutely unbreakable, much lighter in weight than clay and are therefore splendid for shipping plants.


|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size, inch | $\begin{gathered} \text { Per } \\ 100 \end{gathered}$ | Per 1000, <br> 'f. o. b. <br> New York | $\begin{gathered} \text { Per } 1000, \\ \text { f.o. b. } \\ \text { Chicago } \end{gathered}$ | Original crates hold | Gross w t of 1000 pots about |
| $21 / 4$ | \$0.55 | \$3.60 | \$ 3.75 . | 1000. | ... 12 lbs. |
| $21 / 2$ | 65 | 4.15 | 4.35 . | 1000 | 17 lbs |
| 3 | 90 | 5.60 | 5.85 | 1000 | 23 lb |
| $31 / 2$ | 1.15 | 7.35 | 7.65 | 1000 | 35 lb |
| 4 | 1.35 | 8.85 | 9.35 | 500 | 46 lb |
| 5 | 2.10 | 13.70 | 14.45 | 500 | 80 lb |
| 6. | 2.70 | 18.00 | 19.00 | 500 | 110 |

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.


## BULB PANS




EARTHENWARE HANGING BASKETS, Terra Cotta

|  | Each | Doz. |  | Each | Doz |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7 inob | \$0.30 | \$3.00 | 9 inch. | \$0.45 | \$4.25 |
| 8 inch | .40 | 3.85 | 10 inch. | . 60 | 6.00 |

## FLOWER TUBS "Richmond Style."

These are made of best seasoned White Virgini: Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantiai 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 Diameter | Depth. | Price, Each | Four for |
| :---: | :---: | :---: | :---: | :---: |
| No. 1 | 6 in. | 6 in. | \$0.65 | \$2.50 |
| No. 3 | 8 in. | 8 in. | . 80 | 2.95 |
| No. 5 | 10 in. | 9 in . | . 95 | 3.60 |
| No. 7 | 12 in. | 11 in. | 1.35 | 5.20 |
| No. 9 | 14 in. | 13 in . | 1.85 | 7.00 |
| No. 11 | 16 in. | 15 in. | 2.35 | 9.00 |
| No. 13 | 18 in. | 17 in. | 3.00 | 11.60 |
| No. 14 | 19 in. | 18 in . | 3.70 | 14.20 |

If handles are required, add 35 c per tub.

## 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, $\$ 21.00$.
No. 2 Machine. Total height, 46 inches; size of roll, $6 \times 42$; suitable for large establishment. Each, \$31.00.


# PHAGNUM MOSS 

Bright, Clean, New Growth, free from Brush or Grass


## THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L.
lots as follows:
For carloads write us.
BURLAPPED BALES. ( $45 \times 14 \times 16$ inches) F.O.B. Wisconsin Points. 25 bale lots per bale, 85 c ; 50 bale lots per bale, 80 c . BURLAPPED BALES. (Size as above) F. O. B. CHICAGO. Single bale, $\$ 1.25 ; 5$ bales, $\$ 6.00$; 10 bales, $\$ 11.50 ; 25$ bales, $\$ 24.00 ; 50$ bales, $\$ 46.00$.
New York Prices, 35 cents per bale higher. Cartage free.
GREEN SHEET MOSS, for Windows, Baskets, etc.,
per sack, \$2.25.

## RIBBONS AND CHIFFONS <br> We offer only the best grades especially adapted for Florists use, but can

Taffeta, Heavy Grade Brilliant,
No. 12 , width 2 in... $\$ 1.15$
No. 16, width $21 / 4$ in... 1.35
No. 22, width $23 / 4$ in... 1.60
No. 40, width 3 in... 1.90
No. 60, width $35 / 8$ in... 2.15
No. 80 , width 4 in... 2.40
No. 80, width 4 in.. 2.40 No. 80 , width 4 in... 2.50
Taffeta, Heavy Pattern No. 1696B. For crepe and funeral work in
white, pink, lavender, purple and gray
No. 40 , per bolt ( 10 yds .)
. \$1.75
No. 80 , per bolt ( 10 yds .)
2.25

No. 120 , per bolt ( 10 yds .)
Metaline Shower Ribbon No. 2. 50-yard spool, $\$ 1.25$.
Pecot Edge Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and link. No. 2, spool of 50 yards, $\$ 1.50$.

Chiffon, all shades. In bolts of 35 to 40 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 7c; 6-inch. per yard, $8 \frac{1}{2} \mathrm{c} ; 10$-inch, per yard, $121 / 2 \mathrm{c}$.
Valley Pattern Chiffon. Pink and white, 6-inch, per yard, 101/2c
Dotted Chiffon, all shades. In bolts of 35 to 40 yards. Sold only in original bolts. 4 -inch, per yard, 9 c ; 6 -inch, per yard, $10 \frac{1}{2}$ c; 10 -inch, per yard, 15 c
No. 1 Baby Ribbon. Any color. Spool of 50 yards, 75c; doz., $\$ 8.25$.
Fibre Ribbon. Silk finish, 1 -inch width; all colors. 50-yard bolt, \$1.65.
Ribbonzene Crinkle Ribbon No. 1. All colors. 500-rard spool, $\$ 2.00$.
Corsage Pins, 4-inch; assorted colors. Per gross, $\$ 2.00$.
Corsage Ties (Cord and Tassels). Per doz., 60c; per gross, $\$ 6.00$.

## Books, Paper and Pot Covers

BOOKS. For other Books, send for our Book List.
American Florist, The. Best paper for the trade; invaluable to every florist. Weekly. By the year....... $\$ 1.50$
Bulbs and Tuberous Rooted Plants. Allen. Cloth... 2.10
Carnation Culture. By L. L. Lamborn................. . . . 60
Carnation Culture-Commercial. By J. Harrison Dick. 1.75
Chrysanthemum Culture. Herrington. Cloth, 158 pp. . 90
Fertilizers. J. J. Gregory. Paper....................... . 65
Fertilizers. By Prof. Voorhees. The best book on this important subject. Easy, comprehensible style........ 2.50
Floral Designs de Luxe. 355 designs. .................. . 4.50
Gardening for Profit. Henderson. Cloth, 369 pages... 2.10
Gladiolus, The. Covers whole field of gladiolus culture. By Crawford and Van Fleet. Illustrated..............
Greenhouse Construction. Taft. All the best struc-
tures fully described; 100 illustrations. Cloth....... tures fully described; 100 illustrations. Cloth.......... 2.35
Greenhouse Management. By L. R. Taft. Illus. Cloth 2.35
Hand Book of Plants. Henderson's. Latest edition. . . 3.25
Farm and Garden Rule Book. Contains much valuable information. By L. H. Bailey. Cloth.
Insects and Insecticides. C. M. Weed. Illus. 334 pp. . 1.80
Lilies. An authoritative and instructive manual for growers. H. S. Adams.
Mushroom Growing. By B. M. Duggar. Illustrated. Cloth, 250 pp .
Mushrooms, How to Grow Them. Wm. Falconer. Cloth 1.70
Nursery Manual, The. Bailey. Cloth. 12 mo....... 3.25
Plant Propagation Greenhouse and Nursery Practice. By M. G. Kains, Cloth, 322 pp.
Practical Landscape Gardening. By Robert B. Cridland, Landscape Arehitect, Illustrated, Cloth.
Practical Floriculture. By Henderson. ................. 2.10
Pruning Manual, The. Bailey. Illus. $545 \mathrm{pp} . . . .{ }^{2} .25$
Spraying of Plants, The. Lodeman. Cloth, 399 pp.... 2.50
The Book of Water Gardening. Peter Bisset. Cloth. . 3.50
Fritz Bahr's Commercial Floriculture. A practical manual for the retail rrower.

PAPER. Prices on Paper subject to Market changes.
Manilla Tissue. Regular grade, $24 \times 36$ inches, f.o.b. Chicago, ream ( 400 sheets), $\$ 1.25 ; 10$ reams ( 4000 sheets), $\$ 11.50$ : f.o.b.N.Y., ream ( 480 sheets), $\$ 1.50 ; 10$ reams ( 4800 shts.), $\$ 14.00$ American Beauty Tissue. $24 \times 36$ inches, f. o. b. New York ream ( 480 sheets), $\$ 1.70 ; 10$ reams ( 4800 sheets), $\$ 15.50$; f.o b Chicago, ream ( 400 sheets), $\$ 1.45 ; 10$ reams ( 4000 sheets), $\$ 13.50$ Florists' Pure White Tissue. $24 \times 36$ inches, f. o. b. Chicago, 2000 sheets, $\$ 7.50 ; 400$ sheets, $\$ 1.60$; f. o. b. New York, 2400 sheets, $\$ 8.75 ; 480$ aheets, $\$ 1.85$.
White Wax. Medium, $24 \times 36$ inches; f.o.b. Chicago, 400 sheets, $\$ 2.25$; f.o.b. New York, 480 sheets, $\$ 2.70$.
Green Wax. Beautiful shade light green, $24 \times 36$ in., f.o.b. Chicago, 400 sheets, $\$ 2.50$; f.o.b. New York, 480 sheets, $\$ 3.00$.
White Wax. On rolls; best quality paper. Three sizes: 18 in . approx. wgt., 45 lbs .24 in., approx. wgt., 50 lbs .30 in. approx. wgt., 60 lbs . Price, per $1 \mathrm{lb} ., 20 \mathrm{c}$.
Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 40 c ; per doz , $\$ 4.00$; carton of 50 rolls, $\$ 15.50$. Florists' Watermarked Wrapping Paper. "Say it with Flowers" combining two essentials, Paper and Publicity. Made in two colors bleached white and cloud green. Rolls, sizes 24 in .30 in .36 in . wide. Price per 1 b ., $141 / 2 \mathrm{c}$.

Write for prices in larger quantities.
Kraft Wrapping in rolls all weights and sizes. Price, per lb., 10c.
POT COVERS, Crepe Paper. Rubber bands running through them for adjustment on pot; are without bottom. Doz. 100 No. 1-To cover 5 or 6 -in. pot................ \$ . 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................ $1.35 \quad 9.00$ No. 4-To cover 10 -in. pot................... $1.50 \quad 11.00$
MATTING, Porto Rico. These artistic mattings used for decor, ating all blooming plants. Solid Colors, Per doz., $\$ 2.50$.
TRELLISES. Fan-Shaped. 18 -inch, $50 \mathrm{c} ; 3$ for $81.35 ; 24$-inch, $55 \mathrm{c} ; 3$ for wide, $81.35 ; 4$ feet, 27 -inch wide, $81.85 ; 5$ feet. 32 -inch wide, $\$ 2.25 ; 68$ feet, 38 -inch wide, $\$ 2.60 ; 7$ feet, 42 -inch wide. $\$ 300$.
Veranda. 18 -inch wide, 5 feet, $\$ 2.25 ; 6$ feet, $82.45 ; 7$ feet, $\$ 280 ; 8$ feet, 8320 ; 9 feet, $\$ 3.65 ; 10$ feet, 8385 .

## Wreath and Bouquet Materials

## Prepared Leaves, Sprays and Mosses



RUSCUS, Red and Green. Fine holiday decorative article, the red having much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb. $\$ 1.25 ; 5 \mathrm{lbs}$. at $\$ 1.15 ; 10 \mathrm{lbs}$. at $\$ 1.10$. $W_{\text {rite }}$ for prices in larger quantities.
JAPANESE AIR PLANTS. Fine JaPANESE decorative material. Splendid for
store sales. Our stock is extra hoice. Each, 15c; Doz. $\$ 1.10 ; 100, \$ 7.50$.
IMMORTELLES, Colored.White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 70c; doz., $\$ 7.50 ; 50$ bunches, $\$ 27.50$. In case lots of 125 bunches, $\$ 53.00$ per 100 bunches. Natural (Yellow), bunch, 70c; doz., $\$ 7.50 ; 50$ bunches, $\$ 26.50$. In case lots of 125 bunches, $\$ 51.50$ per 100 bunches.
MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color per carton, $\$ 1.45$; Red, per carton,
 \$1.95; 6 at $\$ 1.40$ each.
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 LeatherBrown. Price, per carton, $\$ 1.60 ; 6$ cartons, $\$ 1.50$ each.
OAR SPRAYS, Prepared. Large selected branches in Red, Brown and Green. Price, per lb., 35c; 10 lbs., $\$ 3.00$. Write for prices in case lots.


JAPANESE ROPING or FRIZZ, Red and Green. 60-yd. Bolts. Per Bolt, 60c; doz., $\$ 6.50$. Write for prices in Bale lots.

MATCH-STICKS. Either natural wood or dyed green. Natural, 5-inch, $75 \mathrm{c} ; 12$-inch, $\$ 1.75 ; 18$-inch, $\$ 2.60$ per 1000 Dyed green 5 -inch, 85 c; 12 -inch, $\$ 1.90 ; 18$-inch, $\$ 2.75$ per 1000
GREEN WIRED MATCH STICKS. 4 -inch box of $4,500, \$ 2.75$; 6 -inch box of $3,000, \$ 2.25$.
PINS, GREENING Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc. $\$ 2.25$ per box of about 11,000 .

TIN FOIL. Price subject to change without notice. Terms cash,
Florists ${ }^{3}$ Foil. 5, 6 or 7 inch, 1 lb ., 20c; 10 lbs., $\$ 1.80 ; 25 \mathrm{lbs}$., $\$ 4.00 ; 50 \mathrm{lbs} ., \$ 7.25 ; 100 \mathrm{lbs}$., $\$ 13.75$.
Violst or Green Foil. Per lb., $45 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 4.00 ; 25 \mathrm{lbs} ., \$ 9.50$.
TOOTH PICKS. Wired. A time and money saver. These are put up in boxes containing 10,000 wired pirks ready for use. Price, $\$ 2.50$ per box; case of $50,000, \$ 11.00$.
Wood. 1 box, 10 c; 3 boxes, $25 \mathrm{c} ; 7$ boxes, $50 \mathrm{c} ; 15$ boxes, $\$ 1.00$; 35 boxes, $\$ 2.00 ; 1$ case, 100 boxes, $\$ 5.00$.
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; employing 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 market.
Length, inches Each
A- $151 / 2$.
\$0 35
45
65

| $\mathrm{C}-19$ |  |
| :--- | :--- |
| $\mathrm{D}-211 / 2 \ldots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~$ | 65 |

E-24 …............. 105


WIRE. (Prices subject to change.)
Bright Annealed.
Per 1b. 6 1bs. 12 lbs .
No. 18. . \$0.15. . \$0.70. . $\$ 1.10$

| No. $20 \ldots$ | $.15 \ldots$ | $.75 \ldots$ | 1.25 |
| :--- | :--- | :--- | :--- |
| No. $22 \ldots$ | $.20 \ldots$ | $.85 \ldots$ | 1.40 |

No. 26. $\$ 0.25$ \$1.00.. $\$ 1.65$
No. 28.. .25.. 1.15.. 1.95
No. 36.. . 40.1 .85 . 3.25

## No. 24. . .20. . .95.. 1.55

## FLORISTS' CUT WIRE

Clean, extra soft, white wire, straightened and cut in lengths ready for immediate use, and in a convenient form. 12 lbs . in each box, cut in lengths of 12 or 18 inches.

| No. |  | 18 | 20 | 22 | 24 | 26 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Price......................... $\$ 1.40$ | $\$ 1.65$ | $\$ 1.95$ | $\$ 2.35$ | $\$ 2.85$ |  |  |

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., 65 c,
Jute. For bunching; 2 or 3-ply. Per lb., 32c; 10 lbs., $\$ 2.75$ Per 100 lbs., $\$ 23.00$.
Silkaline. For stringing Smilax, etc., fast green color, wil' not fade nor break. FFF, Coarse 2-oz. spools, 1 lb . in box, 8 spools, \$2.00: FF, Medium, 2-oz. spools, 1 lb . in box, 8 spools, $\$ 2.00 ;$ F, Fine. 2-oz. spools, 1 lb . in box, 8 spools, $\$ 2.00$.
Florists Thread, Green. Similar to Silkaline. Samples on application. 2 -nz. spools, 2 2c; 8 spools, $\$ 1.75$.
Tie Spray Green Thread. Box of 8 spools, 95 c .
WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spouts. 4-qt., $\$ 3.50$; 6-qt. $\$ 3.85$;
8 qt., $84.10 ; 10$-qt., $84.30 ; 12$-qt., 34.75
French Style. Oval, otherwise same make as above. 6-qt., $84.25 ; 8$-qt., $\$ 4.60$; $10-q t ., \$ 5.00 ; 12-q t ., \$ 5.50$.


## Reed and Raffia

French Style.



[^0]:    Vaughan's Seed Store

[^1]:    Vaughan's Seed Store, Chicago, Illinois.
    Kalamazoo, Mich., July 21, 1923.
    Gentlemen-Please duplicate my order for the following lilies: Giganteum, Formosum, Harrisii and the forcing gladiolus. I want to tell you that Inever had a better lot of lilies and gladiolus than those I received from your house. Your Northern Michigan grown gladiolus can't be beat for forcing and are true to name and color. You will receive my order each year for the above. Thanks. Very truly yours,

    JACKSON'S FLOWER SHOP,
    (Signed) JAMES JACKSÓN

[^2]:    $\qquad$
    Dia
    Top
    in.
    in
    in
    in
    in
    in

    Diameter $\begin{array}{ll}253 & 43 / 4 \mathrm{in} . \\ 255 & 61 / 2 \mathrm{in} \text { in }\end{array}$ $25561 / 2 \mathrm{in}$. $51 / 4$ in. 257
    57
    59
    

[^3]:    NOTE－Owing to the delays and uncertainties of Imported Fertilizers， we cannot guarantee deliveries，nor can we be held responsible for loss in weight due to evaporation in transit．We deliver in original bags as received．Pricos subject to market fluctuations．

