## cAutumn 1929

## The Shortage in Dutch Bulbs

EVERY florist knows the facts about the Dutch bulb market this year. Overproduction of Mayflowering tulips, which caused very low prices in 1927 and 1928, began to be corrected last summer, and prices on advance orders last winter showed substantial increases.
On top of this rise, which was due to the disappearance of surplus stocks, all Europe experienced a winter of record breaking cold; and a late spring. Some classes of bulbs were greatly damaged and production seriously affected, not only by reduction of numbers but in size and quality of bulbs.

The Dutch bulbs exporters association summarized the outlook in April as follows: Hyacinths, an average crop; Early tulips, fair crop with some varieties short. Breeder, Cottage and Darwin tulips, small-crop, with a special shortage in many varieties which suffered especially from the cold. Crocus, frost damage very serious, poor crop.

## American-Grown Narcissi

PAPER WHITE NARCISSI: The supply of Paper Whites this year will be about the same as last, but the quality of the bulb is much higher. Since the Embargo went into effect, Vaughan's Seed Store has been experimenting and perfecting its methods of production, so that now the flowering qualities of our Paper White narcissi are almost as high as those that were formerly imported from France. We do not make any statement that they are superior to the French grown, but we do believe that they will favorably compare in the percentage of blooms produced with any stock grown in this country.

HARDY NARCISSI: We can confidently say that the hardy narcissi produced in this country are positively superior to those grown in Holland. Because the bulbs are not forced to travel as long a distance, there is less risk of heating and bruising, and we find that some varieties will bloom earlier than the foreign grown. This in itself is recommendation enough for any American grown bulb.

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

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

## Vaughan's Seed Store

601-609 W. Jackson Blvd., CHICAGO
47-49 Barclay Street, NEW YORK

## Mushroom Spawn and Profitable Greenhouse Vegetables

## Mushroom Spawn

## (LAMBERT'S NEW SPORE STORE)

The latest process of manufacture. A much hardier and more prolific spawn than any yet produced. Thousands of people are successfully raising delicious mushrooms in their greenhouses, basemcnts, and outbuildings. Write for frce lcaflct on culture. This vegetablc is produced by planting Spawn. Our Spawn is always fresh. One brick will plant 20 square fret. Price, of either of strains, listed bclow, per brick (weight 1 lb .), 35c; 5 bricks. 1.50 ; 16 bricks, $\$ 2.50$; 100 bricks, $\$ 19.00$. Not prepaid.

The following strains produce fairly truc 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.

## Bottle-Spawn

Under ideal conditions of temperature and moisture. loose or bottle-spawn will start running sooner and give quicker results than the brick spawn. Price $\$ 12.00$ per case of onc dozen bottles, not prepaid. One bottle to $50 \mathrm{sq} . \mathrm{ft}$. Less casc lots, per bottle, \$1.30.

## Lettuce

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

## NEW CUCUMBER-"The Vaughan'"

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

CUCUMBER-English Frame Varieties
Rollison's Telegraph. Greenhousc. English grown. Pkt.. 25c; oz.. \$3.00.

## Onion Sets

Egyptian or Top Onion Sets. For shipment August 15th to June 1st. Pt., 15c;qt., 25c; $1 / 2$-pk., 45c; pk., 75c. Write for prices in larger quantitics.

## Radish

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

## Tomatoes

For Under Glass. Engiish Varieties. Bcst Re-selected Stocks of High Germination.
Sterling Castle (Scarlet)
Lorillard and Lister's Prolific.
Above $v$ arieties, pkt., each, 25c; oz., 50c.
American Varieties.
Bonney Best, pkt., 25c; oz., 50c.
Ncw Globe, pkt., 50c; oz., \$3.00.

Greenhouses and Nurseries, Western Springs, ILL.

601-609 West Jackson Blvd. PHONE: MONROE 0312 ADDRESS ALL MAIL TO DRAWER V.
Chicago, Illinois

## Dear Friend:

Let us talk for a minute about sidelines. Nearly every storekeeper is thinking about them. Especially in seasonal lines, with high peaks, and low valleys in the sales chart, are side lines desirable. They give added sales which are handled with no increased expense in otherwise dull periods.

But a florist must be careful about side lines. He is a specialty dealer, in quality goods. Customers come to him for something they cannot get elsewhere and he must have nothing in his store, which will destroy the impression of class. A florist store cannot be a department store.

## Flowers and the Garden Fit Together

Whatever you handle must harmonize with flowers. It must belong in a flower store. And what does this better than garden supplies, seeds, bulbs, insecticides? The modern garden is a flower garden. The florist is a natural source of information about flower growing. Flower buyers in the winter, are often flower gardeners in the summer. And new customers who are attracted by your garden line, will be new buyers of cut flowers when their gardens have frozen up.

## Read Our Merchandising Section in this Book

In the center of this book is an insert printed in 4-colors, in which we list merchandising items, which we recommend for flower stores. We have developed this complete line with florists especially in mind. Seeds, bulbs, grass seeds and supplies are furnished in colorful, attractive displays and cartons, with beautiful posters and streamers to help sell them. They will decorate your store, and harmonize with your flowers. In short, here is the ideal sideline.

For your convenience we print on the back of this letter a special merchandising order blank. Please use it, to send in your order now for a bulb box and a seed assortment, together with grass seed and other items which will start you out in this promising field of new profits.

Yours for a prosperous year,


Pres.

# SPECIAL MERCHANDISING ORDER BLANK TO VAUGHAN'S SEED STORE 

## COMMISSION DEPARTMENT

Your Name

VAUGHAN'S SEED STORE
601 West Jackson Blvd.,
Street

CHICAGO, ILL.
Please forward in due season one assortment of garden and flower seeds for me to sell on commission for the season of 1930. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay upon receipt of statement, the retail value of the seeds sold by me, less $40 \%$ commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less $40 \%$ commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with these seeds.

Signed
By
Also, ship the following, which I understand to be not on consignment and not returnable:

| Quantity |  | Price |
| :---: | :---: | :---: |
|  | Rainbow Gladiolus deal, 500 bulbs and display box, \$11 each. Delivery in spring 1930 |  |
|  | Darwin Tulip deal, 500 bulbs and display box $\$ 15.00$. Delivery after Sept. 15, 1929 |  |
|  | Balanced stock of grass seed (Homegrounds mixture), \$10 each |  |
|  | 100 lb . bag Homegrounds mixture, $\$ 14.00$ |  |
|  | 50 lb . bag Homegrounds mixture, $\$ 7.00$ |  |
|  | 25 1b. bag Homegrounds mixture, $\$ 3.50$ |  |
|  | 51 b . cartons Homegrounds mixture @ $\$ 15.50$ per 100 |  |
|  | 1 1b. cartons Homegrounds mixture @ \$16 per 100 |  |
|  | Balanced Stack of Grass Seeds (Chicago Parks), \$15.00 each |  |
|  | Also the following Grass Seed, Supplies and Insecticides: |  |
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|  | TOTAL |  |

All grass seed net cash, F.O.B. Chicago or New York.


GIANT BLOSSOMS OF CLEAR COLORING COME FROM OUR HYACINTH BULBS
Prices in this Catalog on Imported Bulbs are subject to any changes in the U. S. Tariff.
Hyacinths Dutch-Grown (Single)


## French-Roman Hyacinths

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

Grow in flats and use for cutting same as Paper Whites. Fine for design work.

We can offer the following size:
Per 100 Per 1,000 White Roman Hyacinths, 12 ctms . and up. $\$ 13.00$ \$125.00 Colors.

It will be a mistake for any florist to minimize the importance of hyacinths in his production program this year. While a little high in price, their finished product will bring good returns. For Easter and Mothers' Day they will be sure of a profitable sale.

We strongly advise a liberal use of hyacinths.

$$
\begin{array}{lll}
\text { Doz. } & 100 & 1,000
\end{array}
$$

19 ctms. and up (Top size) (named as below). $\$ 2.25 \quad \$ 16.00 \$ 150.00$ $18-19 \mathrm{ctms}$. (First size) (named as below) ... $2.00 \quad 15.00 \quad 140.00$ 17-18 ctms. (Second size) (named as below).. $1.80 \quad 13.00 \quad 120.00$

The following varieties we offer in the above three sizes.
Single Red and Rose General de Wet, light pink
Gertrude, rose-pink, medium early
La Victoria, brilliant dark pink Marconi, bright pink
Queen of Pinks, choice pink

## Single White

Arentine Arendsen, pure white General Vetter, blush white La Grandesse, pure white, large bells, splendid spikes Mad. Kruger, snow-white

L'Innocence, pure white, compact truss on short stem, fine for pots.

## Single Blue

## Bismarck, bright blue

Dr. Lieber, lavender-blue
Grand Maitre, dark porcelain, medium early
King of the Blues, dark, medium early
Queen of the Blues, light, fine spike

## Single Yellow

City of Haarlem, golden yellow Yellow Hammer

Doz. i00 1,000
$16-17$ ctms. (Third size) named varietses)... $\$ 1.60 \$ 11.00 \$ 100.00$ 15-16 ctms. (Bedding size) (named varieties). $1.30 \quad 9.00 \quad 80.00$ We offer the following varieiies in the above two sizes.
Single Red and Rose
Gertrude, La Victoria, Marconi, Queen of Pinks.

## Single White

L'Innocence.

## Single Blue

Dr. Lieber, Grand Maitre, King of the Blues, Queen of the Blues.

## Single Yellow

City of Haarlem, Yellow Hammer.
$\begin{array}{ccc}\text { Doz. } & 100 \quad 1,000 \\ \$ 0.90 & \$ 600\end{array}$
13-14 ctms. (Miniature size) (named as below) $\$ 0.90 \$ 6.00 \$ 55.00$ We offer the following varieties:
Gertrude, La Victoria, Marconi, Queen of the Pinks,

L'Innocence, Grand Maitre, Queen of the Blues.

# Vaughan's Single Forcing Tulips 

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

## Single Scarlet, Orange and Crimson

Per 100

|  | Per 100 .$\$ 250$ | 1,000 |
| :---: | :---: | :---: |
|  | Artus, deep scarlet; a splendid bedder. ...... $\$ 250$ |  |
| 8 bb | Belle Alliance, scarlet, good bedder or forcer. 380 |  |
| $\begin{aligned} & 1 \mathrm{a} \\ & 8 \mathrm{a} \end{aligned}$ | Brilliant Star, vermilion-scarlet; very earlj, ${ }^{\text {couleur Cardinal,brilliantcrimson;fine bedder }} 450$ |  |
| 7 b | Cramoisi Brilliant, bright scarlet........... 250 | 23 |
|  | Duc Van Thol, scarlet; very early........... 310 |  |
| 0 b | Fred Moore, dark orange, edged y |  |
|  | Prince of Austria, orang |  |
| 7 b | Vermilion Brilliant, dazzling vermilion-scarlet, very fine for pots, and showy bedder....... 425 |  |
|  | Single White |  |
| 9 a | Diana, pure white; good for |  |
|  | La Reine (Fancy), white and rose............ 300 |  |
| 10a | La Reine Maxima, white, ehanging shell pink 375 | 35 |
| 18b | Lady Boreel, pure white; fine forcer. . . . . . . . 410 |  |
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## Single Striped, Margined

6a Duc de Berlin, clear scarlet, edged vellow.... 4504200
18a General DeWet, golden, flushed and stippled fiery orange-scarlet.
10b Kaiserkroon, red, with distinct wide golden border, one of the finest early tulips

625
5800
7b Pres. Lincoln, reddish violet..
475
4500

## Single Yellow

8b Chrysolora, golden-yellow; one of the best
bedders..................................... 475 4500
10a King of the Yellows. Pure yellow............ 5255000

7a Mon Tresor, pure yellow; large eup............ 5 | 5 |
| :--- |
| 75 | 5500

10 b Rising Sun, golden yellow. ..................... 625 6000
8b Yellow Prince, golden yellow; fine foreer..... 4254000

## Tulip Mixtures (Early)

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

Per $100 \quad 1,000$
Single Early, extra fine mixed. . . . . . . . . . . . . . . . . $\$ 250 \quad \$ 2200$
Single Early, Vaughan's Special. . . . . . . . . . . . . . . . . . . 32530300
Double Early, extra fine mixed. ....................... 28082600
Double Early, Vaughan's Special..................... 4003600


## Single Pink and Rose

Per 100 Per 1,000
7a Cullinan, rosy pink with white........... . $\$ 480 \$ 4600$
13b Flamingo, carmine-rose, white shaded. ..... $400 \quad 3750$
12a Ibis, dark brilliant pink. ..... 460 ..... 4300
12b Pink Beauty, bright rose-pink shading to
blush-white. ..... 950
9a Proserpine, glossy pink; forces early ..... 600 ..... 5700
8a Prosperity, fine pink. ..... 360 ..... 3300
7b Rose Gris de Lin, delicate rose, flushed white ..... 2600
7b Rose Luisante, brilliant deep pink ..... 450 ..... 4300
Parrot Tulips
Constantinople, red ..... 320 ..... 2900
Gloriosa, red and yellow. ..... 320
Lutea, large yellow ..... 320
Markgraaf, orange$320-2900$
Perfecta, yellow, spotted ..... 3202900
Couleur Cafe, brown and yellow. . ..... 2900
Cramoisi Brilliant, deep erimson, with large star-
shaped center, the finest of the Parrot varieties. . . ..... 2900
EXTRA FINE MIXTURE. ..... 275 ..... 2500

# Early Double Tulips 

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

## Double Red Per $100 \quad 1,000$

9a Imperator Rubrorum, bright searlet; showy $\$ 450 \quad \$ 4200$ L'Aurora, new bright red; best of all......... 6506000 8b Rubra Maxima, dazzling searlet.............. 4254000
9b Vuurbaak, bright searlet with orange flush... $500 \quad 4500$

## Double Pink

8a Electra, beautiful violet-rose sport from Mur-

|  | ill | 25 | 7600 |
| :---: | :---: | :---: | :---: |
| 14b | Lucretia, deep |  | 3200 |
| 7 a | Murillo (Fancy), large pink, sort suffused with white. | 280 | 2600 |
| 8 a | Peach Blossom (New), |  | 4500 |
| 8 b | Salvator Rosa, beautiful deep rose |  |  |

Double Yellow Per 100 ..... 1,000
10a Couronne d'Or (Crown of Gold), beautifulrich golden yellow; fine forcer. ...............8450$\$ 4200$
shaded apricot. . 12b Tea Rose (Brimstone Beauty), pale yellow ..... 350 ..... 3200
8a Mr. Van der Hoeff, pure vellow. ............ $500-4600$
Mr. Van Tubergen, rich golden yellow. ..... 550 ..... 5000
Double White
10b Boule de Neige, pure white. ..... 380 ..... 3600
12b Schoonoord (White Murillo), pure white ..... 3600
Double Striped or Otherwise ColoredBlue Celeste, Mauve, purple; late............ 6005600
9b Mystery of India, terra eotta and orange,shaded pink................................... 45103800
8a Titian, searlet edged, yellow. ..... 550
8b Tournesol, red and jellow; very showy. ..... . 475 ..... 4500
8a Toreador, scarlet-edged, buff-yellow. 775 ..... 7100

## Darwin Tulips



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


Their Long Stems and Pastel Colorings Make Darwins Popular

## May-Flowering or Cottage Tulips

Bizards, all colors mixed.
Bouton d'Or, (f) pure yellow, fine for cutting.
Byblooms, mixed flowers beautifully blotched with pink, crimson, scarlet, rose, blue and purple.

1,000
\$ $340 \$ 3100$
$325 \quad 3000$

Columbus (Gala Beauty), yellow, fcathcred and splashed red; sweet-scented
$400 \quad 3700$
$600 \quad 5400$
Dido, orange-red, inside orange-salmon, ycllow basc 150014500
Ellen Willmott, pointed flower, pale yellow, bordered deep yellow.
$360 \quad 3300$
Fairy Queen, (f) rosy heliotrope, with yellow margin
Gesneriana "Orange Globe," brilliant orangc-red.
Gesneriana Spathulata, (f) scarlet, blue contcr, sweet-scented, one of the best.
$325 \quad 3000$
$340 \quad 3100$
$320 \quad 2900$
Gesneriana Lutea, (f) golden yellow, sweet-scented. A splendid one under glass, on account of its color and perfume
Glare of the Garden, brilliant crimson........... 4504100
Inglescombe Pink, (f) salmon-rose, fine forcer.
$350 \quad 3000$
$280 \quad 2600$

Inglescombe Scarlet, brilliant scarlet, large flower. . $\$ 3 \quad 25 \quad \$ 3000$ Inglescombe Yellow, (f) rich yellow; splendid under glass, especially for growing with Darwins. . . . . . .
Ixioides, clear yellow pointed flower with black base. $400 \quad 3750$
John Ruskin, salmon-rose with pale yellow margin. . 35053200
La Merveille, scarlct suffused with orange......... 2752500
Maiden's Blush (Picotee), (f) white recurved petals, margined rose.
$3 \quad 10 \quad 2900$
Moonlight, large egg-shaped flower of a clear pale yellow color.
$375 \quad 3500$
Mrs. Moon, (f) immense golden-yellow, tall, sweetscented. Best yellow latc Tulip. ................... 500

4500
Parisian White, (f) pure white..................... 3753500
Scarlet Emperor, glowing scarlet with with clcar yellow base, large flowcr..........................
he Fawn, (f) light grayish rose, changing to rosy
The Fawn, (f) light grayish rose, changing to rosy 325
FINEST MIXED ........................................ . . . 260 2400

## Breeder <br> Tulips

Per $100 \quad 1,000$
Apricot, bronze shaded apricot, olive base.......... $\$ 525 \quad \$ 5000$
Bacchus, dark violet blue............................. . . . 68080000
Bronze Queen, golden yellow bronze. ............... . 3102800
Cardinal Manning, wine-red flushed rosy brown. . 3603300
Chestnut, very dark brown.......................... . . . 3603300
Don Pedro, coffee brown. ............................ . . . . 6256000
Fairy Panorama, terra-cotta and bronze........... 3503200
General Ney, old gold, olive base, largc flower.... 4003600
Jaune D'Ouef, outside pctals rose and orange, inside bronze and yellow.

| Louise XIV, rich purple with golden bronze margin. . 600 | 5500 |
| :---: | :---: |
| Madame Lethierry, dark cherry rose. . . . . . . . . . . 475 | 4500 |
| Marie Louise, old rose, edged bronze orange. ..... 360 | 3300 |
| Prince of Orange, orange scarlet edgcd light ycllow. 500 | 4750 |
| Queen Alexandria, bright yellow with orange tlotch 360 | 3300 |
| Yellow Perfection, light bronze yellow............ . 400 | 3600 |
| Mixed, all colors. . . . . . . . . . . . . . . . . . . . . . . . . . . 325 | 3000 |
| St. James, chestnut brown, flushed bronze, passing into gold............................................... 350 | 3200 |

## Rembrandt Tulips

Named Varieties ..... $\$ 475 \quad \$ 4500$
Mixed. ..... 425 ..... 4000

## 

## Lulum Gigancum

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

## Lilium Erabu

## Cold Storage 10 Days

Growers must not force Erabu 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 so they can be shifted into scctions representing varying heights to give proper light and watering.
N. B.-Ten days in cold storage before planting is sure to benefit the crop.

100 Case o to 8 -inch ( 400 to case)
7 to 9 -inch ( 300 to case) $\begin{array}{rrrr}6 & 00 & \$ 20 & 00 \\ 800 & 2200 \\ 8\end{array}$
8 to 10 -inch ( 225 to case)
$1300 \quad 2400$
9 to 10 -inch ( 200 to case)
$1500 \quad 2400$

## Hardy Japan Lilies

## Auratum-Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. Our bulbs are all carefully inspected before being shipped.
8 to 9 inches ( 180 bulbs to a case)
9 to 11 inches ( 125 bulbs to a case)
11 to 12 inches ( 90 bulbs to a case).

## Auratum Platyphyllum

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

8 to 9 inches ( 180 bulbs to a case).
9 to 11 inches ( 125 bulbs to a case)
\} Write for Prices

## Speciosum Rubrum Magnificum

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

8 to 9 inches ( 200 bulbs to case)
9 to 11 inches ( 140 bulbs to case)
\}Writc for Prices 11 to 13 inches ( 90 bulbs to case).

## Speciosum Album (White)

Pure white, with beautiful recurved petals, very fragrant.
8 to 9 inches ( 220 bulbs to case).
9 to 11 inches ( 160 bulbs to case).
\} Write for Priccs

## Speciosum Melpomene

Flowers frosted white, spotted and bearded with pinkish crimson.
8 to 9 inches ( 180 bulbs to case)
9 to 11 inches ( 140 bulbs to case) $\qquad$ \} Write for Prices

## Various Lilies

CANADENSE-Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our Doz. northern meadows, fine bulbs....................... $\$ 135$ \$ 900
ELEGANS MIXED.................................... 150 . 1000
HENRYII. The flower stalk, 3 to 5 feet high, carry 5 to 8 flowers each; the color, a rich apricot-yellow, lightly spotted with brown. 525

4000
PARDALINUM-Leopard Lily. Rich scarlet and yellow spotted with rich brown. Robust and freeflowering


## Lilium Candidum-Thick Petaled

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

PRICES

| Northern-Grown <br> Thick Petaled | Northern-Grown <br> Thick Petaled |
| :---: | :---: |

$18-20$ ctms. $\quad . \quad \$ 1.75$ Per 1200 20-22 ctms..... $1.90 \quad 1400 \quad 24-26$ ctms..... $2.75 \quad 2000$

## Regale (Myriophyllum)

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting. Doz. Per 100

| $4-6$ in. | \$200 | \$1500 |
| :---: | :---: | :---: |
| 6-7 in. | 275 | 2000 |
| 7-8 in. | 325 | 2500 |

$7-8$ in................................................ 32
SUPERBUM. Flowers bright orange-red thickly
spotted with purple. Remarkable for immense
height and profusion of bloom; a strong plant Doz. 100
bearing from 20 to 36 flowers........................ $\$ 150$ \$10 00
MARTAGON - The Purple Martagon, strong grow-
ing, producing 20 to 30 light-spotted purple flowers,
very graceful, vigorous and floriferous.............
Tiger Lily. Very hardy native Lily; orange-red,
spotted purple-black. Pretty and bears 8 to 20 flowers when well established.

13
TIGRINUM FLORE PLENO-Double Tiger Lily The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers
UMBELLATUM-A beautiful companion to Lilium Candidum, as it comes into bloom at the same time. Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th. Mixed. . . . . . . . . . . . . . . . . . . . . UMBELLATUM-Erectum. Red.............................. 175
UMBELLATUM-Grandiflora Mixed. Larger
Flowers

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

## Lilium Harrissi

## The Bermuda Easter Lily

The grading of these bulbs and digging date under supervision of Bermuda official has greatly improved. Crop is reported good.
Note low prices.
Note low prices.
7 to 9 -inch ( 200 bulbs to case) $\ldots . . . . . . . . . . . . . . . . . . . . ~$
8 $1_{4}^{100} 50 \quad \$ 2700$
8 to 10 -inch ( 150 bulbs to case)...................... . . . . . . . . . . . . .
9 to 11 -inch ( 100 bulbs to case)....................... . . . . . . . Sold Out


# American-Grown Hardy Narcissi 

Narcissus Paper White Grandiflora

AGAIN this year we have made a painstaking investigation of available American supplies, in order to assure our customers of the best stocks to be had. Every section of the country where narcissi are being grown, from the Pacific coast to the Atlantic ocean and the Gulf of Mexico, was visited by the manager of our bulb department.
Besides growing 25 acres of hardy narcissi on our own farms we have contracted with growers in the States of Illinois, Washington, Oregon and Michigan. Their fields have also been inspected by our bulb manager and each case supplied to our customers will bear a certificate of inspection as to their condition. Florists inMinneapolis, Missouri, Illinois and New York have tricd bulbs from these sources and were well satisfied. Numerous grecnhouse tcsts of bulbs supplied by us this past fall, satisfy us that the source of our supply is "right," and good results can be had. Early ordering is an important consideration. We suggest you try a few this year, then next year you will bc better prepared to increase your plantings.

## TRUMPET VARIETIES. <br> Yellow Trumpet.

| Double | Nose | Round |  |
| :---: | :---: | :---: | :---: |
| Per | Per | Per | Per |
| 100 | 1,000 | 100 | 1,000 |

Cervantes, creamy perianth, primrose trumpct. . ...................
4.50 \$ $40.00 \$ 3.00 \$ 25.00$
$\begin{array}{llllll} & 11.00 & 100.00 & 7.00 & 65.00\end{array}$
Golden Spur, rich yellow. ........ $10.00 \quad 95.00 \quad 7.00 \quad 65.00$
King Alfred, golden ycllow....... $15.00 \quad 140.00 \quad 11.00 \quad 100.00$
Minister Talma, golden yellow, large flowers......................
Olympia, sulphur-yellow perianth,
large yellow trumpet............
Van Waverens Giant, perianth
primrose, trumpet bright orangeyellow, very large.
$\begin{array}{llll}25.00 & 200.00 & 20.00 & 175.00\end{array}$

## Double Varieties.

Alba Plena Odorato, pure white.. $88.00 \quad 75.00 \quad 7.00 \quad 65.00$
Golden Phoenix, light yellow, deep golden center ...................... 10.00
$\begin{array}{lll}90.00 & 8.00 & 75.00\end{array}$
Von Sion, yellow................... $8.50 \quad 80.00 \quad 6.50 \quad 60.00$

## Other Classes.

$\begin{array}{llllll}\text { Barri, Conspicuous yellow, small cup } & 8.00 & 75.00 & 6.00 & 55.00\end{array}$
Incomparabilis, Sir Watkins, medium trumpct, yellow. Good for early use.
Imcomparabilis, Lucifer, large white perianth, orange-scarlet cup 10.0
Leedsii, Queen of the North, white, pale primrose color.
10.00
$\begin{array}{lll}95.00 & 7.00 & 65.00\end{array}$

Poetaz, Laurens Koster, white and yellow.

| Poeticus, Phcasant Eye ................. | 6.50 | 60.00 | 4.00 | 30.00 |
| :--- | :--- | :--- | :--- | :--- | :--- |

$\begin{array}{lllll}\text { Poeticus, Ornatus, whitc and yellow } & 6.50 & 60.00 & 4.00 & 35.00\end{array}$
Mixed, for outdoor planting

We have selected our American grown Paper Whites with the same care that we have learned to take in purchasing imported bulbs; keeping in mind the requirements of the greenhouse forcer. bulbs; keeping in mind the requirements of the greenhouse forcer.
We have chosen the stock of growers of experience, whose technical ability has been demonstrated, who are in locations of favorable ability has been demonstrated, who are in locations of favorable
soil and climate and whose stocks have been tested for forcing. And, above all, we have chosen stocks that are free from insects and above all, we have chosen stocks that are free from insects and
disease. Our narcissus bulbs will carry certificates under the federal quarantine giving them a clean bill of hcalth. We caution florists against buying cheap bulbs of Paper Whites. You might florists against buying cheap bulbs of Paper Whites. You might which show double crowns. Such bulbs will produce plenty of foli-which show double crowns. Such bulbs will produce plenty of foli-
age, butwill lack flowers. There will be plenty of them, so "Beware!"

The ficlds from which our bulbs come were inspected at flowering time, to insurc truc type; and a further inspection was made at harvesting time. Our Paper White bulbs will come from sclected fields in California and South Carolina. These stocks have all been


NARCISSUS KIMG AFLRED Bicolor Varieties.

Glory of Sassenheim, white per- $100 \begin{array}{llll}\text { Per } & \text { Per } & \text { Per } & \text { Per } \\ 1000 & 1,000\end{array}$ ianth, yellow trumpet. . . ......... $\$ 12.00 \quad \$ 110.00 \quad \$ 8.00 \quad \$ 75.00$ Princeps, sulphur perianth, yellow
trumpet.......................... $3.00 \quad 25.00 \quad 2.50 \quad 20.00$

Spring Glory, white perianth, yellow trumpet.......................... $12.00 \quad 110.00 \quad 8.50 \quad 80.00$
Victoria, white perianth, ycllow
$\begin{array}{llllll}\text { trumpet. Florists' bcst bicolor.... } & 10.00 & 90.00 & 7.00 & 65.00\end{array}$

## Chinese Narcissus

American Grown Bulbs
(Better than the imported.)
Pcr 100
Per 1,000

tested for forcing in soil and in watcr and the reports from such tests are that while flowering somewhat latcr than imported bulbs, results are equally good.

| Paper Whites. Write for Prices on 3 or | 0 | Per 1,000 |
| :---: | :---: | :---: |
| 13 ctms . | \$ 4.75 | \$ 43.50 |
| 14 ctm | 5.00 | 46.00 |
| Grand Soliel d'Or, yellow Paper White. | 12.00 | 110.60 |

[^0]
## Miscellaneous Bulbs

## Giant Hybrid Amaryllis

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

## OTHER AMARYLLIS

Do=
Equestra. Orange-scarlet .......................... $\$ 2.00$ \$15.00 Johnsonii, velvety crimson, white stripped...... $3.50 \quad 25.00$

## ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. Special Mixed, 2 year old per 100, $\$ 3.50$; per $1,000, \$ 30.00$.
St. Brigid. 1 year old. Per 100, $\$ 4.00$; per $1,000, \$ 35.00$.

## White Calla <br> (Aethiopica)

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

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

## Size

Per $100 \quad 1,000$ 11/4-1 $1 / 2$ inches.
\$ 6.50
$\$ 55.00$
11/2-13/4 inches
12.00
110.00
$13 / 4$ inches and up
16.00
145.00

## GODFREY EVERBLOOMING CALLA <br> (Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as flower is not so heavy and large.

Per 100 Per 1,000
First Size. $1-11 / 4$ inches . . . . . . . . . . . . . . . . . . . . . $\$ 9.00$ \$ 85.00
Large Size. 11/4-11/2 inches.
$13.50 \quad 120.00$


## Yellow Callas (Elliotiana)

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


## CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house.

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

## CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon afer the snow is gone. Grows well in any good garden soil, and when once planted requires no further care. Looks best when planted in lines or clumps.
Lucillae. Flowers of a brilliant sky-blue color with white center.
Per 100, $\$ 2.50$; per $1,000, \$ 20.00$.
Sardensis. Deep blue. Per 100, $\$ 2.75$; per $1,000, \$ 22.00$.

## Crocus

## Large Flowering

The bulbs are about an inch in diameter, and are sure blomers.

Albion, blue, striped white.
Baron von Bruno, dark blue. David Rizzio, decp purple.
Dandy, blue
Non Plus Ultra, blue, white bordcred.
Othello, dark purple.
Mont Blanc, pure white,
Queen Victoria, pure white
La Majesteuse, white, violet striped.
Madam Mina, white striped.
Sir Walter Scott, white, bluc striped.
Mammoth White.

$$
\begin{array}{ll}
\text { Price of above } . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ~ & \text { Per } 100 \\
80 & 1.000 \\
\$ 2600
\end{array}
$$

## CROCUS-Mixed Colors

Striped and varicgated
IVhite shades mixed.
$\$ 225 \quad \$ 2000$
Bluc and purple

## ERANTHIS (Winter Aconite)

Pricc, per $100, \$ 2.50$; pcr $1,000, \$ 20.00$.


FREESIA-Improved Purity

# Freesias-California Grown PURITY <br> 1,000 <br> $1 / 2$ to $5 / 8$-inch . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \$ 900 <br> $5 / 8$ to $3 / 4$-inch . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0400 <br> 3/4-inch and up . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2400 

Write us for prices on 5000 or more.
COLORED $1 / 2-5 / 8$ inch
A poor growing season, combined with enormous early sales, does not permit us to offer to the trade at this time our usual complete list of colored Freesias. The bulbs of what varieties we do list are in excellent condition, and should give good results.

Per 100 Per 1,000
General Pershing. Lavender-pink, yellow lip, some-
what of a bronze cast. . . . . . . . . . . . . . . . . . . . . . . . $\$ 250$ \$20 00
Lavender Queen. Very fine new lavender....... 3502600
Splendens. The stems are long and stiff, bearing as many flowers as Purity, of a beautiful deep lavender color.
$250 \quad 2100$
Tritonia Crocata. Scarlet............................ . . 4002800
Rainbow Mixed. Our own mixture. Very choice. 2752250
FRITILLARIA
Per 100 1,000
Meieagris, Mixed. ..................................... . 5505000

## 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. Also adapted for growing indoors. Plant six bulbs in a five-inch pot. Perfectly hardy.
Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Per 100, $\$ 1.75$; per $1,000, \$ 15.00$.
Pure White. This is a beautiful companion to the above, and they make a striking show when planted together. Per $100, \$ 5.00$, 1,000, \$45.00.
Heavenly Blue. Sky-blue. Per 100, $\$ 2.00 ; 1,000, \$ 18.00$.
SNOWDROPS Per 100 Per 1,000


Giant Byzantinus.
450
SCILLA (Campanulata)

| Per 100 Per 1,000 |
| :--- |
| Blue $\ldots \ldots \ldots \ldots . \$ 350$ |
| Rose........... 45000 |
| White....... 400 |

SCILLA (Sibrica)
Blue. Large bulbs $4.00 \quad 3500$

## Bulbous Iris

Iris have been bringing very high prices on the early cut flower market during the past two years. Below we offer some of the better varieties of Dutch Iris for early forcing in a temperature of about $50^{\circ}$ (for January to March blooming) and also the best varieties of Spanish Iris for planting in cold frames and late March and April cutting. The standard forcing size of Dutch Iris is seven centimeters in circumference, in the Spanish varieties six centimeters.

## SPANISH IRIS

Belle Chinoise. Deep soft yellow
.......... . $\$ 32.50 \quad \$ 40.00$
Cajanus. Large flowered dark yellow. This variety and King of Blues are the most popular Spanish Iris
Chrysolora. Deep yellow............................... $35.00 \quad 45.00$
King of Blues. Excellent variety for growing cool for early March blooming. The flowers are large dark blue, with a long stem.
Solfatare. Extra fine deep blue.
32.50

## DUTCH IRIS <br> $6-7 \mathrm{ctm} \quad 7-8 \mathrm{ctm}$.

D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower of great substance.
E. B. Garnier. One of the very earliest. Standards and falls uniform deep blue, the improved 1mperator 37.50
Filifolia Imperator. Large flowering dark blue, medium early. Strong grower and very popular.. 32.50
37.50

Filifolia Celestial. Extra good light blue. Medium early flowering.
Golden Glory. Standards golden yellow, falls darker, the dark Yellow Queen
Hart Nibbrig Brilliant, clear blue, the finest flower of the whole selection. Late
Lenardo De Vinci. Standards creamy white, falls - canary yellow with orange stripe, very large flower and early
Rembrandt. Standards deep violet blue, falls blue with conspicuous orange blotch. One of the very best 35.00
40.00

Theresa Schwartze. Standards pale corn-flower blue, falls purest white, with very narrow orange stripe, excellent cut flower
White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow.
40.00
52.50

Dutch Mixed
35.00

## IXIAS

An easily forced winter-flowering bulb, which is rapidly coming into favor, as its merits become more fully known. The flowers include many shades of yellow, pink, scarlet and crimson; are borne on long stems and are splendid for cutting.
Mixed, Per 100, \$2.50; per 1,000, $\$ 20.00$.
Named Varieties, Per 100, $\$ 3.50$; per $1,000, \$ 30.00$.

## EARLY FORCING GLADIOLAS

Gladiolas planted after January fifteenth (not before) are a very profitable crop if good-sized bulbs, grown from young stock, are used. For many years Vaughan's Seee Store has been supplying the trade with young, high-crowned bulbs of superior forcing qualities. We are the largest growers of gladiolus in the United States. Last year we harvested over four hundred acres at our farms in Michigan, Illinois, California, and Oregon. Through years of experimenting, we have found which section produces the best forcing bulbs of Mrs. Frank Pendleton, Scarlet Princeps, and the other varieties for florists use. Whether you grow one hundred or one hundred thousand gladiolus, consult Vaughan's Seed Store, sending in your list of varieties and quantities for quotations.

## RANUNCULUS

A favorite florist flower everywhere. Bulbs are claw-like shaped and should be planted with claws downward two inches deep and ten inches apart. Ordinary garden soil is satisfactory. Soak bulbs same as Anemones. French Mixed, per 100, $\$ 3.00$; per $1,000, \$ 25.00$. Special H. \& S. strain. Per 100. $\$ 5.50$; per $1,000, \$ 50.00$.

## SCILLA NUTANS ALBA

This bulb may supplant the Paper White narcissus in popularity. Grown cool, it is a sure bloomer, producing a stem of twelve to eighteen inches, with a flower truss of purest white about four inches long. Best results are obtained by planting in deep flats, plunging in cold frame, then bringing them into a cool house. Per 100, \$2.50; Per 1,000, \$20.00.

# Vaughan's Flower Seeds Condensed List for Early Sowing 

## For complete list of Flower Seeds see Spring Book for Florists issued January 1, each year

 SPECIAL CASH DISCOUNT 5 PER CENT on orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed. Except Cyclamen, which is net.

Ceylon Court Yellow

## New Snapdragon "Ceylon Court Yellow"

A winter-blooming snapdragon of robust growth; foliage strong, healthy, vigorous and rust resisting. 40 to 48 inches high. A beautiful canary-yellow. Spikes 10 to 14 inches; flowers closely set; one of the earliest and most productive producers. Every growth a flower spike; strong, wiry stems. Ready for cutting two weeks before most other varieties.

Trade pkt., $\$ 2.00 ; 3$ for $\$ 5.40$
We Are the Introducers of This Splendid Early Yellow Snapdragon
Reports from florists everywhere welcome this new yellow snapdragon as the best they have grown. Of a clear canary-yellow color and the fact that it is an exceptionally early bloomer makes this a favorite snapdragon with florists who demand the best.

## Other "SNAPS" for Greenhouse Forcing



## ANEMONE

St. Brigid (True Irish Strain) Best prize winning Irish strain. 1rishgrown Anemone are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. Trade pkt., 50 c ; $1 / 80 \mathrm{oz}$., $\$ 1.00$; oz., \$6.00.
Coronaria Mixed. Trade pkt., 15 c ; oz., 80c; lb., \$8.00.
Coronaria, Double ChrysanthemumFlowered, 18 in., fine. Trade pkt., 35 c ; oz., $\$ 1.40$.
Culture: Sow in flats, thin out after the second leaf, and pot in $21 / 2$-inch pots. When plants are established, set out in benches or solid beds 10 to 12 inches apart. Plenty of cow manure is recommended. Flowers come in about six months from seed.

## AGATHEA

Coelestis (Blue Daisy). Flowers sky-blue with yellow disk, easy growth. Plant along edge of carnation bench and they will furnish useful blossoms all winter. Trade pkt., 25 c ; $1 / 4 \mathrm{oz}$., $45 \mathrm{c} ; 1 \mathrm{oz}$., $\$ 1.60$.

## CHINESE FORGET-ME-NOT

Cynoglossum Amabile. A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower. Trade pkt., $25 \mathrm{c} ; \mathrm{oz} ., \$ 1.00$.

anemone St. Brigid Hybrids

## BEGONIA

Christmas Cheer Red. A very large-flowered variety, Trade pkt. Oz. the blossoms attaining a diameter of two inches. Color, dark crimson-scarlet.
$\$ 1.00$
Chrismas Pink. The growth, blossoms and foliage are identical to above variety only the color is a delightful shade of warm rose-pink
Gracilis Luminosa, deep dark scarlet, foliage reddish brown, 10 in.......... $1 / 32$ oz., $\$ 2.00$; $1 / 8$ oz., $\$ 6.00$
Fireball. Fiery crimson, 10 in., $1 / 32$ oz., $\$ 2.20$
Gruppen Konigin. Foliage dark green, edged reddish brown. Dwarf compact growth, large brilliant dark rose flowers. . . . . . . . . . . . $1 / 32$ oz., $\$ 2.00$ Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in.............................. .1/32 oz., $\$ 2.00$ 1.00 Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in........1/32 oz., $\$ 3.00$ White Pearl. White. . .................. . . $1 / 32$ oz., $\$ 2.00$ Semperflorens Alba. White, $14 \mathrm{in} . . . . .1 / 8 \mathrm{oz}$., 50 c Albert Martin. Bright carmine, very large flowers, 14 in.. . ...............................1/32 oz., $\$ 1.20$ Erfordia. Rosy carmine, free-bloomer, 10 in. 1.00

Flame of Love. Brilliant scarlet, flowers of largest1.00 size, bright green, brown-tinted foliage, 10 in. G. Knaacke. G̈lowing salmony pink . . . . . . . . $1 / 32$ oz., oz., $\$ 2.00$

Gilory of Erfurt. Very large bright carmine flowers, 12 in.. . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 32$ oz., $\$ 1.60$
Liegnitzia. Scarlet carmine, floriferous, 12 in.
Melanie (Marginata). White, margined with rose, 12 in.

Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in... . . . . . . . . . . . . . . . . . . . . $1 / 32$ oz., $\$ 2.00$
Vernon. Blood-red, dark leaves, 12 in. 1116 oz ., 50 c
Wuerttembergia. Deep scarlet. . . . . . .1/32 oz., $\$ 1.00$ Mixed.

8 oz., $\$ 0.60$

## BROWALLIA

Speciosa Major. A very free flowering plant for indoor blooming. Flowers size and color of single violets. Sow in July-August and give carnation temperature. Trade pkt., 500 seeds 35 c ; $1 / 32$ oz., $\$ 1.80$.

## CALENDULA

Sensation, (Camp Fire, Crimson Forcing.) Long stems Trade pkt. Oz. very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape. We offer Bodger's stock.. . . . 2 oz., $\$ 5.50$
Ball Orange. This new orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass. Lb., $\$ 32.00 ; 1 / 2 \mathrm{oz} ., \$ 1.75 ; 1 / 4 \mathrm{oz}$.
Ball Gold has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. . . . . . . . . . . . . . . . . . . . $1 / 2 \mathrm{oz}$., $\$ 2.00$
Ball Supreme. Light orange with brown eye. 2 oz.,
$\$ 5.00 . .$. . . . . . . . . . . . . . . . . . . . . . . . . . . . .
 15
Sulphurea Plena. Double sulphur yellow. .lb., $\$ 5.00$

## CANDYTUFT

Giant Hyacinth-Flowered. Extra Selected, large Trade pkt. Oz

| pure white flowers | lb., \$8.00 | \$0.20 | \$0.80 |
| :---: | :---: | :---: | :---: |
| Giant Empress | lb., \$3.60 | 10 | 30 |
| Umbellata Lilacina. Lilac. | Select. . . . . . . 1 lb ., $\$ 4.00$ | . 15 | . 40 |
| Carminea. Carmine. | lb., \$4.00 | . 15 | . 40 |
| Flesh. | lb., $\$ 4.00$ | . 15 | . 40 |
| Purpurea. Crimson | lb., $\$ 4.00$ | . 15 | . 40 |
| Rose Pink (Rose Cardinal) | lb., $\$ 5.00$ | . 15 | . 50 |

## CENTAUREA CYANUS (Corn Flower)




PERSICUM GIGANTEUM BINNEWIES STRAIN

## CYCLAMEN

NOTE-Cyclamen seed prices are net.

## Persicum Giganteum-Binnewies Strain

By special arrangement with Mr. Binnewies we offer this year seed raised by him. He is one of the leading Cyclamen specialists and we know that his strain has given entire satisfaction.

|  | 100 | 1,000 |
| :---: | :---: | :---: |
|  | Seeds | Seeds |
| Bright Red (Christmas red) | \$1.00 | \$8.00 |
| Glory of Wandsbek (Pearl of Zehlendorf). Dark salmon. | 1.50 | 12.00 |
| Lavender | 1.50 | 13.00 |
| New Salmon Rose. Improved. | 1.80 | 14.50 |
| Pure White. Very large | 1.00 | 8.00 |
| Rose of Marienthal. Soft rose with carmine eye | 1.00 | 8.00 |
| Rose von Wandsbek (Rose of Zehlendorf). Light salmon. | 1.40 | 12.00 |
| Rosea Superba. Pure rose. | 1.20 | 10.00 |
| Saffron. Red. | 1.85 | 14.00 |
| Salmon Scarlet. A favorite in the Chicago trade. | 1.80 | 16.00 |
| White with Pink Eye. Very large and fine. | 1.00 | 8.00 |
| German Type mixed. | 1.40 | 1200 |

## Giant English Grown

Brilliant Giganteum. Very robust grower. Fiery crimson flowers 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Cherry Ripe. Nearly scarlet. 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Mrs. L. M. Graves. The color is an intense and brilliant salmonscarlet. 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Prices-any of the following-100 seeds, $\$ 1.40 ; 1,000$ seeds, $\$ 12.00$.
Saint George. Foliage is beautifully margined with bright silver. not unlike the Begonia Rex, and the flowers are a rich salmon color.
Crimson Saint George. Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson.
Queen Mary. Salmon with claret base.
Rosy Morn. Delicate rose color. Claret base.
Grandiflorum Album. The largest giant white.
Excelsior. White with red base. Extra large flowers.
Duke of Fife. Dark rose.
Princess of Wales. Deep pink.
Salmon King. Salmon.
English Varieties, Mixed. From separate sorts. 100 seeds, $\$ 1.20$; 1,000 seeds, $\$ 10.00$.

CINERARIA Martima Candidissima for bedding
Martima Diamond. Leaves pure white............. . . 15 . 60

| CLARKIA Elegans fl. pl. Double |  |  |
| :---: | :---: | :---: |
|  | Trade pkt |  |
| Appleblossom | \$0.15 | \$0.80 |
| Chamois | 15 | . 80 |
| Scarlet Queen. Brilliant scarlet | . 15 | . 80 |
| Brilliant. Crimson-scarlet. | 15 | . 80 |
| Salmon Queen. Salmon | 20 | . 80 |
| Orange King | . 15 | . 80 |
| Purple Prince | . 15 | . 80 |
| Queen Mary. Rose-carmine | 15 | 80 |
| Vesuvius. Orange, scarlet, ne | . 15 | . 80 |
| White Prince | .15 | 80 |
| Vaughan's Special Mixtu | . 15 | . 80 |
| DRACAENA Indivisa Linea | 15 | . 0 |
| Indivisa. Narrow green leaves......... . . lb., $\$ 4.00$ | 0.10 | . 40 |
| Latifolia | . 15 | . 80 |
| Australis. Green and red colored leaves. . Ib., \$6.00 | 0 . 15 | . 60 |
| EXACUM Affine. Blue. Fine for pots and baskets............... 1 1/64 oz., $\$ 1.60 ; 1,000$ seeds, $\$ 1.00$ |  |  |
| FREESIA Refracta Alba . . . . . . . . . . . . . .lb., $\$ 4.00$ | . 10 | . 40 |
|  | . 25 | 1.40 |
| GERBERA Jamesonii Hybrids (Transvaal Daisy). |  |  |
| The Daisy-like blossoms, 2 to 4 inches across, being |  |  |
| borne on long stems, are unsurpassed as cut flow- |  |  |
|  |  |  |
| commense flowering the first year. The colors in- |  |  |
| clude a wilderness of tints, from pure white through |  |  |
| vellow, orange, salmon, rose, cerise, and ruby-red |  |  |
| to violet. . . . . . . . . . 1,000 seeds, \$4.00; 100 sceds |  |  |
| GODETIA Gladiolus Flowered, Double Carmine, Double Rose, |  |  |
| Double Rosy Morn (Deep rose), Double Mauve and Double |  |  |
| Mixed Each $1 / 402 ., 75 \mathrm{c}$; trade pkt., 35 c . |  |  |
| These make good cut flowers and should be gathered before fully opened. Do not use any fertilizer. |  |  |
| Whitneyi Azalea flowered. Double pink flowers. Trade pht. Oz. |  |  |
| Excellent for pot culture. . . . . . . . . . . . . . . . . . . . . | \$0.15 | \$0.80 |
| GREVILLEA Robusta. (Silk Oak.) Good for fern |  |  |
| dishes. . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 10.00$ | 0 . 20 | . 80 |
| GYPSOPHILA Elegans. Crimson. . . . . . .lb., $\$ 2.80$ | 0 . 10 | . 30 |
| Grandiflora Alba. Paris Market strain; the best there is. . . . . . . . . . . . . . . . . $1 / 4 \mathrm{lb} ., 50 \mathrm{c} ; \mathrm{lb} ., \$ 1.60$ |  | . 20 |
| Rosea. Pale pink. . . . . . . . . . . . . . . . . . . lb., $\$ 2.00$ | 0 | . 20 |
| Elegans. Small flowered, white ........lb., \$1.00 |  | . 15 |
| ANNUAL LARKSPUR |  |  |
| Stock-Flowered. Newport Pink.........lb., \$6.00 |  | . 60 |
| White . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 5.40$ | 0 . 15 | . 60 |
| Bright Rose . . . . . . . . . . . . . . . . . . . . . . . . . . b., $\$ 6.00$ | 0.15 | . 60 |
| Exquisite Pink. . . . . . . . . . . . . . . . . . . . lb., \$12.00 | 0 . 25 | 1.00 |
| "lmproved." Exquisite pink, upright growth, flowers |  |  |
| Dark Blue.... . . . . . . . . . . . . . . . . . . . . . . . 1 lb ., \$5.40 | 0.15 | 2.60 |
| Flesh.... . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 5.40$ | 0 . 15 | . 60 |
| La France. Pleasing salmon pink....1/4 oz., \$1.00 | 0.75 | 3.00 |
| Lilac. . . . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 5.40$ | 0 . 15 | . 60 |
| Sky-Blue. . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 5.40$ | 0 . 15 | . 60 |
| Mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 4.00$ | 0 . 10 | . 40 |
| Improved Giant Hyacinth Flowered. The plants grow in one |  |  |
| big spike, 3 ft . tall, broad at the base and tapering to a point at the spike Blooms about a month earlier than the Stock flow- |  |  |
|  |  |  |
| ered Larkspur. ${ }_{\text {Irad }}$ |  |  |
| Violet Blue. . . . . . . . . . . . . . . . . . . . . . . . . lb ., \$10.00 | $00^{\text {a }}$ | . 85 |
| Mauve. . . . . . . . . . . . . . . . . . . . . . . . . . . . lb., $\$ 10.00$ | 0 . 35 | . 85 |
| Pink. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . b., \$10.00 | . 35 | . 85 |
| Lilac. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . lb ., \$10.00 | 0 . 35 | . 85 |
| White. . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 lb ., $\$ 10.00$ | . 35 | 85 |
| Mixed. . . . . . . . . . . . . . . . . . . . . . . . . . .lb., \$ 8.00 | 0 . 25 |  |
| Vaughan's Special Mixture Annual Larkspur. $\text { lb. } \$ 6.00$ | Vaughan's Special Mixture Annual Lark- |  |

We recommend these Larkspurs as cut fowers in-and-out-of-doors.

## ANNUAL 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." Trade pkt. Oz. Hartwegii. Dark Blue. Oxford Blue..... lb., \$3.20 \$0.10 $\$ 0.30$ Light Blue. Cambridge Blue
Roseus.
Albus.

| lb., $\$ 3.20$ | .10 |
| :--- | :--- |
| lb., $\$ 3.20$ | .10 |

Albus.


ANNUAL IARKSPUR, Stock Flowered

## MIGNONETTE

The Ball. This will be found much lighter and more attractive than New York Market. The flower spikes are especially heavy and it has the further advantage of being about 2 weeks earlier than New York Market. Trade pkt., $50 \mathrm{c} ; 1 / \mathrm{s}$ oz., $\$ 1.00 ; 1 / 4 \mathrm{oz}$., \$1.75; oz., \$6.00.
True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Trade pkt., $15 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 20 \mathrm{c} ; 02 ., 60 \mathrm{c}$.
Giant Rocket. Trade pkt., 25 c ; oz., $\$ 1.00$.
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Trade pkt., $50 \mathrm{c} ; 1$; oz., \$1.20; oz., \$4.00.

## MYOSOTIS (Forget-Me-Not)

Stricta Indigo Blue Bouquet. A compact upright grower of the pillar or column type, completely smothered with attractive flowers of dark blue. Trade pkt., $35 \mathrm{c} ; 1 / 4 \mathrm{oz}$., 70 c ; oz., $\$ 2.40$.
Stricta Pink Bouquet. A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Trade pkt., $35 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 70 \mathrm{c} ; \mathrm{oz} ., \$ 2.40$.
Oblongata, Blue Bird. A beautiful winter-flowering Forget-MeNot. An English specialist selection from the Oblongata class. The only Myosotis which has received an award of the British Royal Horticultural Society in many years. $1 / 8 \mathrm{cz}$., $\$ 1 / 20$; Trade pkt., 50c; oz., \$8.00.
PYRETHRUM Parthenifolium Aureum (Golden Feather). Trade pkt., 10c; oz.; 40c.
RANUNCULUS Asiaticus Superbissimus. Giant French Hybrids. The well-known spring flowering Ranunculus, producing an abundance of double and semi-double flowers. Sow seed from March to May or August to October in cold frame. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft . Trade pkt., $15 \mathrm{c} ; \mathrm{oz} ., 60 \mathrm{c} ; \mathrm{lb} ., \$ 6.00$.
SAINTPAULIA Ionantha. Charming deep blue flowering pot plant which blossoms in uninterrupted succession. Trade plit., \$1.00.

## Vaughan’s Giant Pansies



## IMPROVED SWISS GIANT MIXTURE

The flowers of this new strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of this strain, however, are the wonderful colors and color combinations-very rare and entirely new-never before seen in Pansies, salmons, pinks, reds. All flowers are 3 or 5 -blotched. Excellent for greenhouse culture. We recommend this strain unreservedly. Trade pkt., $\$ 1.00 ; 1 / 8 \mathrm{oz} ., \$ 2.00 ; 1 / 4$ oz., $\$ 3.50$; oz., $\$ 12.00$; 4 ozs., $\$ 40.00$.

## SWISS BLUE

A selection from above. The most distinct rich deep velvety blue pansy. Ideal for cemetery planting. Trade pkt., $\$ 1.00 ; 1 / 8 \mathrm{oz}$., $\$ 2.50 ; 1 / 4$ oz., $\$ 4.50$; oz., $\$ 16.00$.

## MAMMOTH EXHIBITION

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

## VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Mammoth Exhibition, Non Plus Ultra, Giant Cassier - all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade. pkt., 50 c ; $1 / 8$ oz., $\$ 1.25$; $1 / 2 \mathrm{oz}$., $\$ 4.00$; oz., $\$ 8.00$; 1 lb ., $\$ 100.00$.

## VAUGHAN'S GIANT MIXTURE

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

## EARLY-FLOWERING GIANT PANSIES (Hiemalis)

Yellow, with dark eye
Easter Greeting, velvety violet, with yellow eye.
Dark Blue.
Light Blue.
Ice King, white with black eye.
Jupiter, dark purple-violet.

Mars, cornflower-blue
North Pole, pure white, light seed.
Helios, pure yellow.
Snowstorm, pure white, dark seed.
Wodan, black.
; $1 / 4$ oz., 50 c ; oz.

Early-Flowering Giant, Mixed. Trade pkt., 25c; $1 / 4 \mathrm{oz} ., 40 \mathrm{c}$ oz., \$1.40; lb.. \$16.00.

## TRIUMPH OF THE GIANTS

A mixture of brilliant colored varieties made by a European grower. Trade pkt., $50 \mathrm{c} ; 1 / 4 \mathrm{oz} ., \$ 2.25$; oz., $\$ 8.00$.

## MASTODON

A mixture of pansies grown by an American specialist. The seed we offer was grown from originator's stock. Trade pkt., $50 \mathrm{c} ; 1 / 4 \mathrm{oz}$., $\$ 1.35$; oz., $\$ 5.00 ; 4$ ozs., $\$ 18.00$.

## MIRACLE MIXTURE

Grown from introducer's stock seed. Trade pkt., $50 \mathrm{c} ; 1 / 8 \mathrm{oz}$., $\$ 1.25 ; 1 / 4 \mathrm{oz}$., $\$ 2.00$; oz., $\$ 7.00 ; 4 \mathrm{oz}$., $\$ 25.00$.

## SEPARATE COLORS IN MIXTURE

White Pansies, in mixture.
Blue Pansies, in mixture.
Yellow Pansies, in mixture.
White, Blue and Yellow, mixed.
Since our International Mixture and the Swiss Giants contain none of above colors, we offer these separately. Many plant buyers expect them to round out their color assortment. Trade pkt., 35 c ; $1 / 8 \mathrm{oz} ., 50 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 90 \mathrm{c} ; \mathrm{oz} ., 13.00$.

|  | Trade Pkt. | $\begin{aligned} & 1 / 4 \mathrm{oz} . \\ & \$ 0.50 \end{aligned}$ | $\begin{array}{r} \mathrm{O} z . \\ \$ 1.60 \end{array}$ |
| :---: | :---: | :---: | :---: |
| Adonis, light blue white center | 0.25 |  |  |
| Apricot, small-flowering | . 35 | . 85 | 3.00 |
| Aurora, pure white with | . 25 | . 40 | 1.40 |
| Beaconsfield, light lavender and rich purple | . 25 | . 45 | 1.60 |
| Black, large, true black | . 25 | . 45 | 1.60 |
| Bugnot, shades of red, bronze and cardinal. | . 35 | . 80 | 3.00 |
| Boulogne Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. |  |  |  |
| cately veined, rich | 1.00 | 6.50 | 24.00 |
| Cardinal, brilliant red | . 25 | . 60 | 2.20 |
| Cassier, 3 and 5-spotted. | . 25 | . 70 | 2.60 |
| Emperor William, dark navy-blue | . 25 | . 40 | 1.60 |
| Golden Queen, clear golden yellow | . 25 | . 4.5 | 1.60 |
| Goliath Golden Queen | . 35 | . 65 | 2.40 |
| Light Blue, without eye, darker center | . 25 | . 45 | 1.40 |
| Madame Perret, shades of pink and rose. | . 25 | . 50 | 1.80 |
| Masterpiece-Giant Curled or Spencer. |  |  |  |
| shades | . 35 | . 80 | 3.00 |
| Blue Domino, purplish black | . 35 | . 70 | 2.40 |
| Canary-Yellow, yellow black eye | . 35 | . 70 | 2.60 |
| Dark Blood Red. | . 35 | . 70 | 2.40 |
| Volcano, dark red, blotched | . 25 | . 80 | 3.00 |


| Mercury, deep purple-red. . . . . . . . . . . . . . | $\begin{aligned} & \text { Trade Pkt. } \\ & \ldots . . . . \$ 0.25 \end{aligned}$ | $\begin{aligned} & 1 / 4 \text { oz. } \\ & \$ 0.60 \end{aligned}$ | $\begin{array}{r} \mathrm{O} z \\ \$ 2.00 \end{array}$ |
| :---: | :---: | :---: | :---: |
| Orchid-Flowered, mixed, the ground color of the flowers is light, the petzls being marked with large brown blotches which diffuse into rays and veins towards the edge . . | . 25 | . 60 | 2.00 |
| Parisian Striped. | . 25 | . 50 | 1.80 |
| Paris Market, an improved strain of Trimardeau mixed.......... . . . . . . . . . . Ib., $\$ 14.00$ | . 25 | . 40 | 1.20 |
| Pink, lovely shades of pink, same as Hydrangea. | . 25 | . 60 | 2.00 |
| President McKinley, five-blotched yellow.. | . 25 | . 70 | 2.60 |
| Prince Bismarck, bronze and light brown.. | . 25 | . 45 | 1.60 |
| Prince Henry, darkest blue. | . 25 | . 45 | 1.60 |
| Purple, very large, rich deep purple | . 25 | . 45 | 1.60 |
| Ruby Red, purplish red shades. | . 25 | . 60 | 2.00 |
| St. Knud, giant orange flowers | . 25 | . 75 | 2.80 |
| Trimardeau, mixed, many colors, lb., \$14.00 | . 15 | . 35 | 1.20 |
| Victoria, vivid red. | . 25 | . 70 | 2.60 |
| Violet-Blue, a very pleasing shade. | . 25 | . 45 | 1.40 |
| White, with dark eye, very large lb., \$16.00 | . 25 | . 45 | 1.60 |
| Yellow, with dark eye. . . . . . . . . lb., \$16.00 | . 25 | . 45 | 1.60 |

## PETUNIA

## Single Small-Flowered Dwarf Sorts

Trade pkt. Oz.
Rosy Morn. Select stock. Pink with white throat
. $1 / 4$ oz., 70 c \$0.50 $\$ 2.40$
Giant-Flowered-Single
The Flowers in this Section Measure from 5 to 7 Inches Across.
Dwarf Giants of California. Mixed, extra choice. $1 / 8$ oz. $\$ 11.00 ; 1 / 32$ oz., $\$ 3.00 ; 1,000$ seeds, $\$ 1.00$

## Large-Flowering-Single

The Flowers in this Section Measure from 3 to 4 Inches in Diameter. Royal Purple (Vaughan's Imperial Blue). Best of all the blue Pctunias. Flowers of medium size, of great substance and of the richest velvety pure blue.

$$
1 / 8 \mathrm{oz} ., \$ 4.50 ; 1 / 32 \mathrm{oz} ., \$ 1.25 \quad \$ 0.50
$$

Pink Glory. A pure flame rose-pink. Slightly ruffled. A compact grower and free bloomer.. $\frac{1}{16}$ oz., $\$ 2.75$50

Vaughan's Best Mixture of large flowering single sorts. This mixture is made up by ourselies from all the best single Petunias and will give the most satisfactory results . . . . $1 / 16 \mathrm{oz}$., $\$ 3.00$; $1 / 32 \mathrm{oz} ., \$ 1.60$
$50 \$ 42.00$

## Large-Flowering-Double

Vaughan's Special Mixture. Double extra choice. 500 seeds, $75 \mathrm{c} ; 1,000$ seeds, $\$ 1.25 ; 10,000$ seeds, \$11.00; 1/64 oz., \$4.00

For complete List of Petunias see Spring Book for Florists.

SHAMROCK. Sow early for St. Patrick's Day sales lb., $\$ 8.00$. 150
SMILAX
lb., $\$ 6.00$. 15
SNAPDRAGON. See Antirrhinum.
STATICE Suworowii. Russian. Flowers bright rose color, also known as "Rat Tail." Sow inside for winter blooming. . . . . . . . . . . . . . . . . . . . lb., $\$ 12.00$
STEVIA Serrata. White, fine cut flower. $1 / 4 \mathrm{oz}$., 40 c .
STREPTOCARPUS. Large-Flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color... . $1 / 64 \mathrm{oz} . .2 .00$

$$
1.00
$$

THUNBERGIA. Mixed.. . . . . . . . . . . . . . . . lb., $\$ 6.00$ .15 .80
TORENIA Fournieri Grandiflora. Makes a fine pot plant, flowers blue with dark blotches on 1 ip White Wings. $1 / 8$ oz., 50 c
$1 / 8$ oz., 50 c Bailloni
TRACHELIUM Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Sow in October-November. Height, 18 inches. Pot plant. .
. $1 / 8$ oz., 60c
$.25 \quad 3.00$

## VERBENA

GIGANTEA Alba. Very large, pure white. $1 / 4 \mathrm{oz} .50 \mathrm{c}$ Coccinea. Scarlet

1/4 oz., 50 c
$.25 \quad 1.60$ Luminosa. Luminous flake-pink toning to softer shades of salmon flesh and coral. ....... $1 / 4 \mathrm{oz}$., 50 c Lucifer Red $1 / 4$ oz., 50 c
Rosea Stellata. Pink, white eye.. . . . . . . $1 / 4$ oz., 50 c Rose Cardinal. Bright red.............. $1 / 1 /$ oz., 50 c Violacea Stellata. Violet, white eye..... $1 / 4 \mathrm{oz}$., 50 c Gigantea. Mixed......................... $1 / 4$ oz., 40 c
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the Gigantea, the bcst European introductions of last year, all grown separately, and mixed in the right proportion.
Trade Pkt., 25c; 1/4 oz., 50c; oz., \$2.00; 2 oz., \$3.50.

## VINCA ROSEA

This seed should be sown early to secure salabie pıants in spring ROSEA Pink. . . . . . . . . . . . . . . . Ib., $\$ 8.00 ; 1 / 4 \mathrm{oz}$. , 25 c c $\$ 0.15$ rate $\$ 0.80$ F1. Albo Oculata. White with pink eye...lb., $\$ 8.00$. 15 . 80 Alba Pura. Pure white................. 1/4 oz., 25c . 15 . 80 Delicata. Soft pink (new)....lb., $\$ 8.00$; $1 / 4$ oz., 25c . 15 . 80 Mixed

1/4 oz., 25c

## STOCKS

## GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.
Appleblossom (white under glass) Gold Ball
Chamois
Dark Blue
Fiery Blood-Red
Flesh
Each of the above
................ $1 / 8$ oz., $50 \mathrm{c} \$ 0.35$. $\$ 3.00$
Giant Bismarck. Mixed, all colors . . . . . .1.1/4 oz., $60 \mathrm{c} \quad .35 \quad 2.20$
Golden Rose . . . . . . . . . . . . . . . . . . . . . . . . .1/8 oz., $\$ 1.00$. $50 \quad 6.00$
Antique Copper . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., $\$ 1.00$. 50

## GIANT PERFECTION-Cut and Come Again

Canary
Empress Augusta Victoria. Sil- Sapphire (Dark Blue) very lilac
Heatham Beauty. Rose shaded terracotta
LaFrance (Flesh)
Lavender
Trade pkt. Oz.
Each of the above..........................1/8 oz., 35c \$0.25 $\$ 2.20$
Giant Pcrfection. Mixed, all colors. . ....1/4 oz., $50 \mathrm{c} \quad .251 .80$
BEAUTY OF NICE-Early, Large-Flowering, Winter

American Beauty. Rose-pink
Abundance. Soft carminc rose
Aurora. Chamois suffused with rose
Belle of Naples. Old-rose salmon

Cote d'Azure. Light blue
Monte Carlo. Yellow
Mont Blanc. White
Pink
Souv. de Monaco. Crimson
Summer Night. Dark blue
Trade pkt. Oz.
Each of the above. . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., 35 c . $\$ 0.25$. $\$ 2.40$
Mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4$ oz., 50c . 251.80

## SCHIZANTHUS

Clybrin's Gold Medal Large-Flowering Hybrids. A grand strain producing large flowers with handsome marking on white, buff, brilliant rose, blue or purple ground.
. $1 / 4 \mathrm{oz}$., 40 c
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors...
1.00


# (2) Sweet Peas Early-Flowering-Spencer Varieties 

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate.

|  | Oz . | Lb. |
| :---: | :---: | :---: |
| All-White. An early King White | \$0.40 | \$4.80 |
| Amethyst. An early-flowering "Royal Purple" | . 40 | 4.80 |
| Asta Ohn. Lavender | . 40 | 4.80 |
| Aviator. Scarlet | . 40 | 4.80 |
| Blue Bird. A magnificent violet-blu | . 40 | 5.00 |
| Blue Boy. Largest and clearest blue | . 40 | 4.80 |
| Blue Wonder. Clear blue | . 50 | 6.00 |
| Burpee's Orange. Glistening orange | . 65 | 8.00 |
| Chevalier. Magnificent new cerise-rose | . 40 | 4.80 |
| Columbia. The best pink and white | . 40 | 4.80 |
| Cream. It has immense blossoms, very frilled | . 40 | 4.80 |
| Edward Zvolanek. Large lavender | . 40 | 4.80 |
| Eldorado. Pure orange-salmon. | . 65 | 8.00 |
| Enchantress. Bright rose-pink. | . 40 | 4.80 |
| Fair Maid. A blush-pink, suffused salmon on a white ground. | . 40 | 4.80 |
| Glitters. Standard bright fiery orange, wings deep orange. | . 40 | 4.80 |
| Gorgeous. Salmon-rose | . 40 | 4.80 |
| Grenadier. A glowing poppy-scarlet | . 60 | 6.00 |
| Harmony. Lavender.. | . 50 | 5.00 |
| Heather Belle: Mauve | . 40 | 4.80 |
| Hercules. Pink, extra large flo | . 40 | 4.80 |
| Jeanne Mamitsch. Striking pink, shading off to deepest pink. | . 50 | 6.00 |
| Lavender King. Lavend | . 40 | 4.80 |

Madonna. Black-seeded white.
Miss Spokane. Peach-red. Wings bright scarlet
Mrs. Chas. A. Zvolanek. Clear lavender.
Mrs. A. A. Skaach. Flowers bright shell-pink.
Mrs. W. G. Harding. Pale lavender
Mrs. Kerr. Salmon.
Pink and White. Improved
Rose Queen. Rose-pink
Rose Dore. Rose-pink, suffused orange
Snowflake. White.
Snowstorm Improved. Flowers white, of great substance.
The Beauty. Fiery dark rose
Torch. Salmon-rose.
Vulcan. Vivid scarlet; never burns.
Yarrawa. Rose, changing light pink, standard tinted buff.
Zvolanek's Blue Sensation. A new blue.

## Zvolanek's Lavender

Zvolanek's Rose. A giant rose-pink; the best of its color to sow for spring blooming to follow the mums Zvolanek's Orange
Early-Flowering Spencers. Mixed, many kinds. .
Early-Flowering Spencer, Vaughan's Special
$\$ 0.50 \quad \$ 5.00$
.40
4.80
5.00
$\begin{array}{ll}.40 & 4.80\end{array}$
$.40 \quad 4.40$
$\begin{array}{ll}.40 & 4.40 \\ .60 & 6.00\end{array}$
6.00
6.00
6.00
.40
40
4.80
4.40
4.80
4.80
5.00 Mixture

## Early-Flowering-Spencer Novelties

We especially recommend these for trial for comparison with older varieties.
Alameda. Deep rose-pink, overlaid with glowing salmon cerise-pink on white ground. . ... $1 / 2 \mathrm{oz} ., 75 \mathrm{c} \$ 1.3$
Ball's Rose. A bright dark rose with amber flush.... . $80 \$ 10.00$
Ball's Blue. Clear blue, good bloomer................ . . . 658.00
Ball's Orange. Clear deep orange.................. . $1.20 \quad 15.00$
Ball's Rose Queen. Best long-stemmed rose....... . . $60 \quad 6.40$
Belle. Clear rose-pink on deep cream ground $11 / 20 z . .75 \mathrm{c}$
Blue Bonnet. An extra large, fine deep blue with not a trace of mauve.
1.35
$2.40 \quad 32.00$
Burpee's Lavender. A large flower, color a lovely light Wisteria lavender; strong grower 4 oz., $\$ 7.50 ; 1 / 2 \mathrm{lb}$., $\$ 13.75$; $1 / 2$ oz., $\$ 1.25$
Charm. Glowing rose-pink..
Christmas Red or Red Cross.
$1 / 2$ oz., $\$ 1.25$; 4 oz., $\$ 7.50$
Duplex Pioneer. Rose-pink
$65 \quad 8.00$

Gleam. Bright geranium-pink.
$2.25 \quad 25.00$

Giant Rose. Improved Zvolanek's rose. .............. . .
Illumination. Salmon-cerise.
Imperial Pink. Clear pink, enormous size...........
Majestic. Immense deep, brilliant rose-pink flowers on long stems......................... 1/4 oz., $\$ 1.00$
Marine. New clear blue. Advance trials proved this a fine variety for under glass.. $1 / 2 \mathrm{oz}$., $\$ 1.25 ; 4 \mathrm{oz}$., $\$ 7.50$
Morse's Superior Pink. Beautiful clear rose-pink, very slightly shaded with salmon.
$\begin{array}{ll}2.50 & 7 . .0 \\ 1.40 & 22.00\end{array}$
$1.00 \quad 14.00$
$.65 \quad 8.00$
$.50 \quad 5.00$
.658 .00
3.00
2.25

Mrs. Calvin Coolidge. Salmony pink
.60
6.00

Mrs. Herbert Hoover. "The California Blue." It has vigorous growth, great length of stem, is of uniform blue in color which is better than Blue Bird 4 oz., $\$ 7.50 ; 1 / 2 \mathrm{lb} ., \$ 13.75 ; 1 / 2 \mathrm{oz} ., \$ 1.25$
New Blue. New deep blue....................................
Orange King. Glowing orange; practically sun-proof
25.00

Oriental. Very large cream of the deepest shade. $1 / 2$ oz., $\$ 1.25$; 4 oz., $\$ 7.50$ Pink Profusion. Rich pink; similar to Jean Mamitsch. Spring Song. Salmon-pink on cream.
Snow-White. Pure white.
Sunray. Color is a brilliant glowing yet soft cerise on cream ground with a suspicion of orange; stems are extremely long. ...........1/2 oz., $\$ 1.25 ; 4$ oz., $\$ 7.50$
Sweet Lavender. A pure lavender self, of enormous size, beautifully frilled.

Oz Lb.

The Blaze. Glistening fiery orange of great substance. Sun-proof, Flowers, large on long, stout stems.
$1 / 2 \mathrm{oz}$., $\$ 1.25$; 4 oz., $\$ 7.50$
Valencia. (Offered in midsummer list as Golden Wings.) Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.
White Harmony. The best black-seeded white early-flowering.
1.00
12.00

[^1]

# The figures preceding the varieties are the exhibition rating given to them 

 by the American lris Society, 10 being the highest rating used in the judging. 8.3 Afterglow. Large flowers of soft grayish lav- Each $10 \quad 100$ $\begin{array}{llll}\text { ender shading to rich yellow through the center } \$ 0.25 & \$ 2.00 & \$ 15.00\end{array}$ 8.6 Alcazar. " S " light bluish violet: " F " rich velvetycrimson-purple. A very rich and striking flower crimson-purple. A very rich and striking flower 9.2 Ambassador. Late. An almost rega! flower that
should have a great future. should have a. ${ }^{\circ} \mathrm{F}$ great ${ }^{\text {a }}$ velvety purple-maroon, . . . . . 7.9 Archeveque (Archbishop). let; $F$
9.2 Asia. 45 inches. " S " pale silvery lavender deepening at the base to golden yellow. 'F" pale reddish purple, lighter at the edges.
$.20 \quad 1.50$ 10.00 Ballerine. Early. " S " light violet-blue; " F " deeper. Very fragrant. Single blooms often five
7.6 Benbow. " S ". and " F ". deep violet-blue; large blooms on tall, erect, well developed stems
8.5 B. Y. Morrison. 33 inches. " S " pale lavender violet; "F." velvety purple with broad lavender border. Well shaped flower with horizontal falls.
8.4 Canopus. 36 inches. A wonderful Dominion seedling. " $S$ ". reddish violet, broad and finely arch-
ing:
i $F$.
rich pansy violet. .......................... ing: " $F$.' rich pansy violet...
7.1 Caprice. " S " reddish purple; " F " deeper purple.
8.4 Caroline E. Stringer. Large, delicate rose-flushed flowers of exceptional substance
$\begin{array}{lll}.50 & 4.00 & 25.00\end{array}$
$\begin{array}{lll}.20 & 1.50 & 12.00\end{array}$
$1.50 \quad 10.00$
7.9 Cecil Minturn. 24 inches. " S " and " $F$ " a uniform soft shade of cattleya-rose. A beautiful flower, dome-shaped. with broad ruffled petals.
8.2 Chasseur. 36 inches. This is no doubt the finest ycllow lris of European origin. Very fine large
lower of deep yellow, becoming lighter with age.. .0 Cluny. "S" soft lilac-blue; "F" a little darker. A 7.6 Col. Candelot. 36 inches. ${ }^{\text {n }}$. $\cdot$ smoky copper; $\because$. ${ }^{\circ}$ 3 deep rich crimson.
.. $:=$ and $: \dot{F}^{i \cdot}$ aniline blue, a little darker than Celeste. .. Late.
 7.6 Dalila. 24 inches. " $s$. pale flesh white ; " $F$ " rich, 7 red-purple with yellow beard
7.7 Dejazet. $S$ bronze-rose with golden sheen; ' F 8.8 Dominion "is'" Dauphin's blue or light bluish let, large, erectly held, well developed and slightly veined. " $F$ '" of exceptional substance expanding at the base to a deep rich indigo-purple velvet. .
8.4 Dream. 36 inches. ${ }^{2}$ and $F$ soft clear pink. A beautiful 1 ris of Pallida type. The large flowers are perfect in form and of great substance.
7.8 Edouard Michel. Late, " $S$ " " and " $F$ " unusual shade
8.1 Empress of India. A beautiful novelty with iong and elegant flower stems bearing blooms of a spendid violet-blue.
8.0 Flammenschwert. $\because$ Fiaming Sword, $\because 30$ inches. " ${ }^{\text {b }}$ bight clear yellow; " F " velvety brown with Florentine Alba. This is a good early white.
8.3 George Yeld. An outstanding, variety with new combination of colors. "S" bright apricot shaded rose. "F" brilliant rose-crimson edged buff out except for conspicuous orange beard. fine yellow lris, deeper in color than Shekinah ... 7.8 Grevin. Late. "S" violet with yellow
7.3 Her Majesty. " $S$ " soft rose; " $F$ " deeper rose,
8.3 Imperator. Very simiar to Seminole, but dulle
8.0 Iris King. "S" old gold: " $F$ "' ricli crimson bor dered with gold; a very desirable variety
8.3 Isoline. "S; lilac-pink; "F; ; purplish old rose... 7.3 Jeanne d'Arc. White, edged lilac
8.5 Jubilee. "S" buff or rich peach color; "F"; creamwhite, margined with flecks of cieep copper
8.1 Juniata. Clear blue, deeper than Pallida Dalmatica One of the tallest; flowers, large and fragrant
8.0 Kalos. White, lightly veined and flecked pale rose..
8.5 King Karl. An improved Jubilee of darker co'oring 8.0 Lady Byng. A beautiful lris with flowers of exceptionally fine form and substance. The color throughout is a clear pale lavender with a slight suffusion of rose
 waxy white. The falls are carried stiffly horizontal. 8 Lent A. Williamson. Early. : $\mathrm{s}^{-:}$: very broad, soft campanula violet: " $F$ "" very large velvety royal purple. Brilliant gold beard. Massive in growth, purple. Brd flower. Always dependable
8.8 Leonato. 48 inches. " $S$ " Pale lavender to silvery 7.6 Lohengrin. Large handsome silvery-mauve flowers. 7.6 Lohengrin. Large handsomc silvery-mauve flowers. Lord of June. "S" flappy lavender-blue;
violet-blue. An exceedingly handsome Iris. ... 3 Loreley. " $S$ ", Anght yellow: ' $F$., Ultramarine-blue.
8.7 Magnifica. Midseason. ". .". Might violet-blue; "F" dark reddish purple. Flowers extraordinarily large, 6 inches long and sweet-sconted.
8.4 Medrano. Late. "S" and "F". a beautiful dark, smoky, claret color. Very unusual effect

IRIS-Continued
8.6 Mildred Presby. 30 inches. "S"' white: " $F$ ", rich, dark, velvety pansy-violet, with narrow edge
7.9 Miranda. Clear violet-blue. Early ................
8.8 Mile. Schwartz. 48 inches. Lovely pale mauve flowers of exceptionally large size ................
6.4 Mme. Chereau. Pure white, with a broad and irregular border of clear blue. ...........: $1,000, \$ 40.00$
8.1 Mme. Chobaut. 36 inches. " S " white shot "With pale chalcedony yellow, shading into wine-red.
7.9 Moliere. Early. " S " dark violet; " F : darker violet veined brown at haft. Yellow beard......
7.4 Monsignor. " $S$ "' blush lavendar; " $F$ "' violet with white pencilings at throat; late.
 "F ${ }^{\bullet}$ " rich raisin-purple. The flowers are large, of grance: gives a bbeautiful red effect in the garden
8.4 Mother of Pearl. 48 inches. A pale bluish lavender flower of exceptional substance. ........... Mrs.Albert Sherman Hoyt. A beautiful ruffled Pli-
cata. ${ }^{\circ}$. $\%$ pale pink; F : white, veined and dotted pink on edge and haft
7.5 Mrs. Walter Brewster. $\because \mathrm{S} \cdot$ lavender-blue; $\because \mathrm{F}:$. aniline-blue. Often six blooms at the same time.
7.9 Neptune. 38 inches. ${ }^{\circ} \mathrm{S}^{\prime}$ " bright pale blue; " F " rich dark purple. Flowers very large, borne on tall, branching stems; very choice. Midseason.
8.3 Ochracea. '" 30 inches. " S " dull old gold, finely arched: " $F$ "' coppery yellow, tinged with purple. Very sweet-scented and late.........................
 velvety purple-lilac. Beard yellow.. 1,000, $\$ 150.00$ 8.3 Pallida Dalmatica. Exquisite lavender-blue.....
9.0 Princess Batrice. Silvery lavender
8.6 Prosper Laugier. Midseason. "S"' fiery bronze:
8.1 Prospero. ". S " pale lavender flushed with yellow at base: "F"" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower...
7.2 Quaker Lady. " S " smoky lavender, shaded yellow;
8.8 Queen Caterina. Pale lavender-violet, with orange beard; white haft, veined with bronze. A strong grower and hardy where Caterina fails ..........
7.4 Queen of May. " S " Iilac-pink; " F " lilac blended
7.4 Raffet. Flowers uniform dark blue, the falls being striped at base with white; beard yellow: late...
8.2 Rhein Nixe. " $S$ " white, very large; $\because F$ " rich violetpurple, narrow white edge $2.00 \quad 15.0$
7.4 Roseway. 36 inches. Deep red-pink Pallida with a
8.5 San Gabriel. 48 inches. Lustrous pinkishlavender.
8.3 Seminole. " ${ }^{S}$ " soft violet-rose; " $F$ '" rich velvety crimson; brilliant orange beard. One of the most outstanding ofthe red-toned rises. Rich in color and a wonderful effect in mass $\ldots . .1 .000, \$ 180.00$ 8.4 Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises and the first of Pallida growth. Midseason

|  | 2.50 | 20.00 |
| :---: | :---: | :---: |
|  | 1.25 | 10.00 |
|  | 2.50 | 15.00 |
|  | 1.00 | 8.00 |
| .... | 4.00 | 30.00 |
| . 10 | . 75 | 5.00 |
|  | 3.00 | 20.00 |
| . 10 | . 75 | 5.09 |
| . 25 | 2.00 | 15.00 |
|  | 1.00 | 8.00 |
| $\because 50$ | 2.50 |  |
|  | 2.50 | 20.00 |
|  | 2.50 | 20.00 |
|  | 1.00 | 7.50 |
|  | 2.50 |  |
|  | 5.00 | 40.00 |
| iobo | . 75 | 6.00 |
|  | 4.00 | 30.00 |
|  | 1.25 | 8.00 |
|  | 2.00 | 15.00 |
|  | . . | ..... |
| . 10 | . 75 | 6.00 |
|  | 2.50 | 20.00 |
|  | 2.00 | 15.00 |
| 1.75 | .... | ..... |
| .... | 2.00 | 15.00 |

## VARIOUS IRIS

DOROTHY K. WILLIAMSON. A beautiful beardless iris with large velvety flowers of vivid purple...
PUMILA Hybrida. Dwarf early blooming varicties of
$.40 \quad 3.50$ German lris.

Blue.
1.00

SIBIRICA. Geo. Wallace. (Azure blue.) ".......................................... white.
Emperor. Large flowers of decp violet-blue............
Orientalis. Rich, deep purple.
Perry's Blue. A tall, beautiful variety. Large, well formad flowers of sky-blue. 1.00 3.50

00
.00
6.00
$\begin{array}{lll}.50 & 4.50 & 35.00\end{array}$
$3.00 \quad 20.00$

10 100

|  | \$2.00 | \$10.00 |
| :---: | :---: | :---: |
| .... | 5.00 | 40.00 |
| .. | . 70 | 5.00 |
| . 25 | 2.00 |  |
| .... | 2.50 | 20.00 |
| . 10 | . 75 | 5.00 |
| 2.00 | .... |  |
| .... | 2.50 | 20.00 |
| 4.00 | . |  |
| $\ldots$ | 4.00 | 35.00 |
| .... | 2.00 | 15.00 |
| . 75 | 5.00 |  |
| .... | 2.50 | 20.00 |
|  | 1.25 | 10.00 |
| . . | 2.50 | 15.00 |
| $\ldots$ | 1.00 | 8.00 |
| . | 4.00 | 30.00 |
| . 10 | . 75 | 5.00 |
|  | 3.00 | 20.00 |
| .10 | . 75 | 5.09 |
| . 25 | 2.00 | 15.00 |
|  | 1.00 | 8.00 |
| $\cdots$ | 2.50 |  | herwin Wright. Early. ${ }^{\circ} \mathrm{S}$ : ${ }^{\text {and }}{ }^{\circ} \mathrm{F}^{\prime \prime}$ splendid

9.2 Souv. de Loetitia Michaud. 48 inches. Magnificent flowers of lobelia blue, shading pale blue toward
9.3 Souv. de Mme. Gaudich au. " ${ }^{\text {S }}$ " Bradley ${ }^{\text {© }}$ violet;
7.2 Stormcloud. (Nuce d'Orage.) Very large flowers of grayish slate-blue with bronze shading; ${ }^{\text {F }}$.
purplish blue. Very fine. . . ......1,000, $\$ 50.00$ 8.5 Susan Bliss. 42 inches. Deep
8.5 Sweet Lavender. 36 inches. 5 . deep rose-lavender, very broad and horizon-
3 Trianon. "S" yellow; " ${ }^{\mathrm{F}}$ " yellow with bluish reflections. Color delicate and new. A vigorous

7.8 Troost. 24 inches. " $S$ " deep rosy purple; $\because F$ "' paler,
8.5 Valencia. 30 inches. A.bright orange-buff..........

7.9 White Knight. Late. $\because S \because$ and $\because F \cdot{ }^{\circ}$ absolutely
7.4 W. J. Fryer. "S" large bright yellow; "F" large
8.7 Yolande. 36 inches. An improved Gaudichau of a
8.0 Zwanenburg. 20 inches. ${ }^{\circ} \mathrm{S}$. cream. striped ma-

Zwanenburg, 20 inches. " S " cream, striped ma-
$2.00 \quad 15.00$

## Vaughan's Peonies

WE HAVE an exceptionally large stock of our own growing, Strictly true the name, all in strong divisions, with from 3 to 5 eyes each.
The figures preceding the varieties are the rating given to them by the American Peony Society

WHITE AND LIGHT SORTS


## LIGHT . AND DARK PINK AND ROSE

7.1 Alexander Dumas. Bright pink, intermixed with creamy white petals. A fine cut-flower variety Early midseason.
8.7 Claire Dubois. Clear, satiny pink, with glossy reflex Late midseason
7.7 Dorchester. Creamy flesh-color, tinged with

76 Edulis Superba. Bright clear mauve-pink with silvery reffex; fragrant. This variety is usually in E. G. Hill. Carmine rose; early midseason
7.8 E. G. Hill. Carmine rose ; early midseason......... Midseason.
8.9 Georgiana Shaylor. Pale rose-pink; midseason. 9 James Boyd. Soft flesh-pink, tinted yellowish salmJn. Late, Arc............................................ of bright pink and sulphur-yellow.
9.0 La France. Soft appleblossom--ink; Iate midseason.

La Tulipe. Delicate pink, outer petals striped with red tulip markings; midsummer; fragrant.
Lillian Gumm. Shell-pink deeper in center. Ruse type; very fragrant: late midseason.
8.8 Loveliness. Hydrangea-pink changing tolilac-white
7.9 Mad. Ducel. Light rose, silver reflex. Resembles
8.5 Mad. Emile Galle. Sheili-pink. Rose type; fra

.35
7.00

1 Mad. Joanne sallier. Rose-pink; early............ 1.25
87 Mary P. King. Light coral-pink .......................

90 M . Jules Elie. The best pink.................. Modele de Perfection. Ligh
blooming and fragrant. Late......................
8.5 Octavie Demay. Delicate hydrangea-pink. Dwarf
8.2 Pierre
8.7 Howrs
8.7 President Taft. (Reine Hortense.) Delicate hydrangea-pink. A vigorous, strong grower and profuse bloomer; every shoot being crowned by a big bloom; none larger. Fine for cut-flowers; slightly fragrant. Midseason
$\begin{array}{rr}27.50 & \\ 5.50 & 45.00\end{array}$
$3.00 \quad 20.00$
$5.00 \quad 35.00$
$9.00 \quad 80.00$

LIGHT AND DARK PINK AND ROSE-Continued
Each 10

100
7.4 Princess Beatrice. Light violet-rose crown and guard creamy white collar. Free-blooming and fragrant..

8.8 Rosette. Delicate shell-pink shading to a salmon at base of petals
9.0 Sarah Bernhardt. Appleblossom-pink; late mid

.1 Souvenir de Louis Bigot. Bright bengal-rose.
Large rose form; midseason. . . . . . . . . . . . . . . . . .
8 Therese. Violet-rose, changing to lilac-white; mid-
.3 Season. $\neq \ldots \ldots .$.

## RED AND CRIMSON

8.5 Adolphe Rousseau. Very large; semi-double flowers of purple-garnet. Tall, vigorous grower with dark foliage, veined red. Early
 silvery reflex
7.8 Augustin d'Hour. Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight Silvery reflex. . . . . . . . . . . . . . . . . . . . . . . . . . .

8.4 Felix Crousse. Best red for Aorists. . $1,000, \$ 350.00$
8.2 Grover Cleveland. Rich dark crimson; late.... Grover Cleveland. Rich dark crimson; late
Inspecteur Lavergne. Vivid crimson..... .50
.90

8 Karl Rosenfield. Very large fower, globular semirose type. Extremely vigorous grower: tall and free-
flowering, early....
.8 Lord Kitchener. Brilliant cherry-red; early mid-
 Lauis Van Houtte. Medium size. semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late.
7.5 Marechal Valliant (Gi.andifora Rubra). Ofor im- $35 \quad 2.50 \quad 22.50$ mense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the argest reds.....................1,000, \$220.00 8.7 Mary Brand. Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delight-
ful fragrance; midseason. Briliant dark...........................
$\begin{array}{lll}35 & 3.00 & 25.00\end{array}$
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex
Mr. L. Van Leeuwen. CClear rosy red. Late
6 Officinalis Rubra Plena. This is the old-fashoned red, the most brilliant of all red peonies; early and red, tid cut-flower
 .8 Richard Carvel. Very early, deep red. In bloom with Edulis Superba. Fragrant. Ranks with Karl Rosenfield and M. Martin Cahuzac as the three best dark red peonies.

## JAPANESE-FLOWERED PEONIES

9.2 Amo-No-Sode. Bright-rose, shading lighter toward 5.00 the edge of the petals; similar to Tamatbako......
Distinction. A large flower with broad petals of very deep pink; center of narrow filamental petals very deep pink; center of narrow filamental petals Flashlight. Pale Tyrian rose with dull golden center............................................................. 3.0 2 Fuyajo. Rich dark maroon guards 3.00 Gold Mine. Petals deep rose; deep gold center. .. $\mathbf{1 . 5 0}$ Kochomai
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold
Oitmatsu. Guards whitc, tinged pink....................... 1.50
Oitmatsu. Guards whitc, tinged pink. ............ 1.00
8.2 Snow Wheel. Waxy white.
8.2 Snow Wheel. Waxy white
25.00

Torpilleur. Guard petals lively purplish-carmine;
central filamentous petals of same tint but streaked central filamentous petals of same tint but streaked and tipped with yellow . . . . . . . . . . . . . . . . . . . . . . . . . . 3.00 25.00

## SINGLE PEONIES

7.6 Clio. Pink petals and long golden pollen-bearingPerle Rose. Delicate clear China pink, with silveryTaike.

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


## PEONIES IN CASE LOTS

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

## Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS age Stock, we cannot entertain claims for allowances in case of damage in transit, the stock being sold on a basis of actual value.
Plants are from 21/4-inch pots unless otherwise noted.
Packing will be charged on all orders at cost.


## ASPARAGUS PLUMOSUS NANUS

We have specialized for years on Asparagus Plumosus and Sprengeri. Our seedlings from flats and $21 / 1 /$-inch pot stock are well developed-strong stock ready for growing on.


## BUDDLEIA VARIABILIS

The true hardy lilac-blue. A most satisfactory Florist summer cut flower................................................ 80087500 CHRYSANTHEMUMS \{ Write for our special list of Rooted Cuttings. StandCARNATIONS
ard and new varieties.
CALADIUMS-Vaughan's Special Fancy-Leaved
Choice dormant bulbs for January and February delivery. Large variety named sorts. This is onc of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.
The Mammoth Bulbs are named varieties, 3 inches to 6 inches in diameter.


FANCY-LEAVED CALADIUM

|  | FANCY-LEAVED CALADIUM |  |  |
| :---: | :---: | :---: | :---: |
|  | Doz. | 100 | 1,000 |
| Rainbow Mixed. | \$2 00 | \$1400 | \$130 00 |
| Named. Our selection | 250 | 1650 | 15500 |
| Unusual and rare varieties. All na | 300 | 1875 | 17500 |
| Mammoth Bulbs. 3-inch to 6-inch. | .. 800 | 5000 |  |

DRACAENAS
Each Per 100

| Indivisa, 2-1/2-inch. 3-inch. |  | $\$ 800$ 1200 |
| :---: | :---: | :---: |
| Fragrans, 4-inch | \$0 75 |  |
| 5 -inch. | 100 |  |
| (e-inch | 150 |  |
| Masangeana. The variety with the golden stripe down the |  |  |
| center of the leaf. | 85 |  |
| $5-\mathrm{inch}$. | 125 |  |
| 6 -inch | 175 |  |

## FICUS ELASTICA

| 4-inch. | 50 | 4000 |
| :---: | :---: | :---: |
| 5 -inch. | 75 | 6500 |
| 6 -inch | 125 | 10000 |

## FICUS NITIDA

4-inch. $\qquad$ ....

## FUCHSIA

Black Prince. A bright, waxy carmine; tube and petals large and broad with pale green tips; open pale pink corolla.
Mrs. E. G. Hill. Compact grower making a nice shapely plant; sepals bright crimson, white corolla, double.
Speciosa. Flowers single with pale carmine sepals and deep scarlet corolla
Price, $21 / 4$-inch, $100, \$ 5.50 ; 1,000, \$ 50.00$

## GERANIUMS

$100 \quad 1,000$
Irvington Beauty. Immense trusses, double, rosy-salmon-
pink blooms. Free-flowering and a strong grower. 21/4-inch... $\$ 12.00 \quad \$ 110.00$
Fiat. Dark salmon-pink. The color sells it. A good all-around
variety and much in demand. $21 / 4$-inch.
Radio Red. A prolific bloomer; easy propogator and the best all-around red Geranium
Alphonse Ricard. A bright shade of vermillion, large double fowers, one of the best. $21 / 4$-inch.
Poitevine Shrimp pink shading to white 21/ inch
Madame Laudry. Salmon-pink touched by darker shading. 21/4-inch...
Red Barney. A standard all-purpose red. One of the best known. 21/4-inch
HELIOTROPE Centefleur. Best dark variety. $21 / 4$-inch.

## HYDRANGEAS FOR FORCING

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

|  | 5 -inch each | 6 -inch each |
| :---: | :---: | :---: |
| Blauer Prinz. Adapted for bluing. | \$0 60 | \$0 80 |
| Baby Bimbenet. Silvery rose. | 40 | 60 |
| Coquelicot. Free, deep carmine-pink | 40 | 60 |
| E. G. Hill. Clear pink. . . . . . . . . | 40 | 60 |
| Jad Groenwegen. Soft pink, strong and free | 40 | 60 |
| Kriemhilde. Bright salmon-pink. | 50 | 70 |
| Lancelot. Bright pink. One of the best early | 40 | 60 |
| Lillie Moulliere. Bright cheerful rose | 40 | 60 |
| Marshall Foch. Deep carmine. Early | 50 | 70 |
| Otaska. Pink. The old favorite.... | 40 | 60 |
| Peer Gynt. Carmine rose. | 60 | 80 |
| Trophee. Best red....... | 40 | 60 |
| ENGLISH IVY | 100 | 1,000 |
| Heavy, 21/4-inch. | 650 | 6000 |
| 3-inch. | 1250 |  |
| 4 -inch.. | 2000 |  |

## LANTANAS

Several of the best varieties. $2 \frac{1}{4}$-inch.
550
5000

## SANSEVIERA LAURENTI

4-inch.

.......................................... $\$ 100$ Each | Per 100 |
| ---: |
| $\$ 8500$ |
| $\$ 1500$ |

## Ferns <br> VAUGHAN'S BOSTON

We grow our Bostons bushy and well-furnished from the pot up. They are potgrown and are worth double the long-drawn. bench lifted stock. Our customers are "repeaters" on these. That's why we are always sold out early.
All orders carefully packed, larger sizes in paper pots. Packing charged extra, at cost.



A new idea seed display, U. S. Patent No. 1,661,40́, used only by Vaughan's Seed Store. It sells what your customers want to buy. It sells the garden. Light, staunch, compact, it will hold $\$ 100$ worth of 10 -cent packets, displaying each one to the best advantage, tempting the customer to take it out and add it to his purchase. It is 32 inches tall and occupies counter space $14 \times 34$ inches. Note the dated laboratory gold certificate of High Test Seeds.

# New Profits in Home Gardens 

 clubs organized, garden shows held, and society notes are filled with news about the activities of the garden lovers. Are you getting business from it? Is it boosting your sales of garden seeds? And if not, where is the difficulty?
## You Must Meet the New Demand

For years the garden seed business was dominated by the thrift appeal. Vegetable seeds were sold to buyers who planted them n back yard gardens to reduce the grocery bill. Prosperity and increased leisure have altered the buyers' point of view. Gardens made for ornament and recreation now dominate; the thrift appeal is out

What does this mean to the dealer? It means new customers or old ones with new ideas. It calls for a new sales appeal to attract them, and it offers the opportunity for new stocks.

The new garden styles have greatly stimulated the demand for bulbs; lawn seeds, fertilizers and insecticides. Every garden maker needs all these, and a complete line enables you to make added sales. But you must present these wares in a manner to match the motives which bring the garden makers to your store.

They come with a vision; a dream. Before their eyes, a picture of sunshine on smooth, green lawns, and borders of brilliant flowers. They want to buy this picture done up in packages. Will you have it to sell?

Vaughan's Seed Store, of Chicago and New York, a house founded in 1876, and for 52 years specializing in flower bulbs and seeds, and select quality strains of vegetables, offers you an affirmative answer to this question.

In this catalog, we list for the first time a complete line of packet seeds (sent on consignment) together with lawn seeds, bulbs and supplies (not on consignment), all in attractive packages and displays, with sales helps and advertising matter designed to attract the new type home gardener.

An order from you will bring everything that is needed to establish in your store an up-to-date, colorful, attractive GARDEN DEPARTMENT, which will make your store the mecca of home gardeners in your neighborhood, and bring you new profits and new contacts, with stimulus to your business in every line. Do not overlook this chance, but read carefully all the offers on the following pages.


A Dainty, Decorative Window Sticker in Color. Guaranteed to Attract the Eye of a Woman. Paste it Eye-High near the Door. 11 x 7 inches.


## Our Consignment Seed Offer

## With Our Patented Poster Rack Display-Sells the Modern Garden

OUR packet seeds are supplicd on the usual terms, but with unusual display material, and a unique mothod of direct dclivery to you by parcel post. An assortment of flower seeds, or both flower and regetable seeds as you choosc, is sent you on consignment, to be sold at $40 \%$ commission. All packets are 10 cents. Each rack is dated and bears a seed analys's certificatc of the purity and freshness of its sceds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less $40 \%$.

## Here is What We Send You to Sell the New-Type Home Gardener

Dated, Certified Seeds. A dated assortment of garden seeds, freshly ificked for the season of 1930, tested and certified by a qualified seed analyst, containing vegetables chosen for their flavor and tenderness and the largest selection of flower seeds put out by any commission sced house.
Pictures from Oil Paintings. Accurate full color pictures, made flower and vegetable in the assortment. Each has been painted in oils by an artist from life specimens of the flower or vegetable it illustrates; and from these paintings our own 4 -color process plates were made, from which our special packets are printed. On the back of each packet are cultural directions.
Brilliantly Colored Posters and Streamers. Color sells everyand nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

Poster Rack That Sells The Garden.<br>Fully described and illustrated on previous page.

## Fill out This Contract and Mail it to us NOW

We operate on a fixed quota which limits the number of assortments we have to place each year. A contract filed now will assure you of a place on the list of 1930 dealers; but if you delay, our quota may be filled.
Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time and avoid the necessity of writing espec ally for them


A Beautiful Hanger in 4-Color Process Made from an Oil Painting, Realistically Picturing Flowers and Vegetables. $13 \times 19$ inches. Free to You.

[^2]
# Insecticides for Your Counter 



ONE FLUID OUNCE

## KILLS PLANT INSECTS <br> harmless to man LIVESTOCK, BIRDS AND PETS <br> WILL NOT INJURE TENDER PLANTS

Pyrethrum Oleo-resin $11.5 \%$ Acetone
Alcohol
9.0\%

PRICE 35 \$
MCLAUGHLIN-GORMLEYKING COMPANY
MINEEAPOLIS. MINN

INSECTICIDES are in demand throughout the garden year. A large proportion of the summer business of a seed store is in selling materials for spraying and dusting. National advertising is making many brands of insecticides well known, and instructing the public in their use. It will pay to have your store known as the place wherespraying materials can be had. There are relatively few stores in any neighborhood in which they can be obtained, and they will attract to your location customers for all other descriptions of garden supplies.

Prices quoted are f.o.b. Chicago or New York.

## EVERGREEN

Evergreen Spray is a comparatively new product, which has, however, been on the market for several years and has been thoroughly tested. Important points to the home gardener are that it is non-poisonous, and not only kills aphids, and other insects which suck plant juices, but also kills leafeating insects with which it comes in contact. It is effective against plant lice, thrip, leaf hopper, cut worm, canker or currant worm, tarnished plant bug (aster beetle), leaf roller, cucumber beetle, cabbage worm, asparagus beetle, tent caterpillar, rose chafer and slug, squash beetle, ants, and many others. Oz. bottles, doz., $\$ 2.70 ; 8 \mathrm{oz}$. bottles, doz., $\$ 8.00 ; 16 \mathrm{oz}$. kottles, doz., $\$ 16.00 ; 32 \mathrm{oz}$. bottle, $\$ 3.50$; gallon bottle, $\$ 13.00$.
Retail Prices: Oz. bottle, $35 \mathrm{c} ; 8$ oz., $\$ 1.00: 16 \mathrm{oz}$., $\$ 2.00$ -

## PYROX

Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without
 clogging and sticks to foliage. $1-\mathrm{lb}$. jars per doz., $\$ 4.50$; case of $24, \$ 7.80 ; 5-1 \mathrm{~b}$. cans , case of $12, \$ 15.00$;
 $10-\mathrm{lb}$. cans, case of 6 , $\$ 13.50$.
Retail Prices: 1 lb., 50c; 5 1bs., \$1.75; 10 lbs., $\$ 3.00$.

## ACME ALL ROUND SPRAY

One product which will combat blight and fungus diseases, control sucking insects and destroy chewing insects.
$1 / 4-\mathrm{lb}$. can, per case of $24, \$ 3.24 ; 1$-lb.cans, per case of $24, \$ 1392$ Retail Prices: $1 / 4 \mathrm{lb}, 45 \mathrm{c}$; 1 lb., 85 c .

## ANTROL

This is a complete system of ant control, packed in convenient sets containing one 4 -ounce bottle of Antrol syrup and four Antrol patented glass containers. Dealers sell as much syrup and as many containers as the purchaser desires for his home.

Antrol Garden Sets, per case of 12, $\$ 7.60$; Antrol Containers, per case of $100, \$ 10.00$; Antrol Syrup, 4ounce bottles, per case of 24, \$7.20; Antrol Syrup. pint bottles, per case of $12, \$ 7.60$.
Retail Prices: Garden Sets, each, $95 \mathrm{c} ; 4 \mathrm{oz}$, bottles, 45 c ; pint 95 c ; containers, 15 c .

## VOLCK



The scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and trips. Pints, doz., $\$ 6.00$; quarts doz. $\$ 8.00$; gals., case of $6, \$ 13.50$. Retail Prices: Pt., 75 c; qt. 81.00 ; gal , $\$ 3.00$.

## TREE TANGLEFOOT

Perfect tree safeguards. 1-lb., cans, per doz., $\$ 5.40$; case of $24, \$ 9.60 ; 5 \mathrm{lbs} ., 6$ for $\$ 12.00$; doz., $\$ 22.00$. Retail Price: 1 lb, 60 c: $;$ lbs, 82.75 .

## BLACK LEAF 40 PROTECT

Is a solution of Nicotine YOUR GARDEN Sulphate. It is highly recommended by Experiment Stations as a spray for soft bodied sucking insects.
$40 \%$ oz.-bottles, doz., $\$ 2.67$; carton of 24, $\$ 5.30 ; 1 / 2-1 \mathrm{lb}$. cans, doz., $\$ 10.80$.
Retail Price: $\mathrm{Oz}_{z}, 35 \mathrm{c}$; $1 / 2 \mathrm{lb}$., \$1.25.

## SLUG SHOT

Guaranteed to destroy potato bugs, and those on tomatoes.

1-lb. pkgs., per doz., \$1.95; case of $48, \$ 7.20$. Retail Price: Lb., 25c.


About 1/: Auctual Size


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

## Delivered After Sept. 15, 1929.

Orders for 1930 accepted at open price.

## $\$ ?$

Retails for $\$ 30.00$.
F. O. B. CHICAGO OR NEW YORK

# Sell Vaughan's Famous Bulbs from Our Beautiful Displays 

FOR 52 years we have been the source of supply for flowering bulbs for florists and private estates throughout the United States. Now we have made it possible for dealers to display and sell Vaughan bulbs of named varieties without danger of overstocking, spoilage, or mixture of varieties. Our patented 10 -compartment display box of 100 -point board, printed in brilliant colors, holds 500 bulbs, 50 each of 10 named varieties. They are open to your customer's inspection, and exposed freely to the air, as is necessary to prevent rot. Counter space of $13 \times 29$ inches, only $21 / 2$ square feet, is needed.

The 10 named varieties ( 50 each) in this collection are the most popular we know, including: Bartigon, Princess Elizabeth, Farncombe Sanders, Gesneriana Lutea and others of like quality. You retail them for 75 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for
$\$ 14.00$ for 500 bulbs, 10 each of the same varieties, in bags of 50 ; or $\$ 27.50$ for 1,000 bulbs, 100 each of the same 10 varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.

47 Barclay St., N. Y. VAUGHAN'S SEED STORE Drawer V, Chicago, Ill.



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

500 Rainbow Glads and Display Box

Delivered After Jan. 1, 1930

## 11

Retails for $\$ 24.00$
F. O. B. CHICAGO OR NEW YORK

## Sell Gladiolus Bulbs in Spring


#### Abstract

VAUGHAN'S RAINBOW GLADIOLI are famous throughout America. For years they have been nationally advertised. Garden makers everywhere want them for their borders. You have only to put this box on your counter to sell out quickly.


We use specially graded bulbs, the size which do best for outdoor flowering. The 10 named varieties ( 50 each) include such world-beaters as Mrs. Pendelton, Mrs. Francis King, Baron J. Hulot, 1910 Rose and E. J. Shaylor-none better known. The price to you is $\$ 11.00$ for the box and 500 bulbs of 10 named varieties. You retail them for 60 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Name labels are provided to paste on the compartments.

## Paper White Narcissi

## Selling Season, September to January

In many ways Paper White Narcissi are the best of all bulbs for the retail dealer. They are purchased to be forced into flower in bowls, with gravel and water. Failure is rare; flowers come in six to eight weeks. The selling season lasts from September until the following January. We sell only the highest quality bulbs, of proved flowering quality. Bulbs under 12 ctms . in circumference cannot be depended upon to flower. Place your order now for a season's supply to be shipped when wanted as prices often change.

Prices for season of 1929 , subject to change without notice F. O. B. Chicago, Ill., or New York.



PAPER WHITE Grown in Gravel


## Our Lawn Mixtures Are Scientific

OUR MIXTURES are blended according to scientific formulas designed to give the best possible results to users. They are not made to fit crop conditions, or to use up surplus lots of seeds.

Dealers who wish to establish a permanent clientele of seed buyers are beginning to understand the importance of selling seeds of known value and standard quality. In no department is quality more important than with lawn seed. Protect yourself by selling your customer the sort of seed that has held for Vaughan's Secd Store a steadily growing business for more than 50 years.

## LAWN MIXTURES AND FANCY GRASSES

"Gocd Mixed" Lawn Grass Seed. Contains timothy. 100 lbs., $\$ 20.00$; less than 25 lbs ., 22 c per lb.
"Quick Show" Lawn Seed. For immeciate effect. 100 lbs . $\$ 24.00$; less than 25 lbs ., 26 c per lb.
Kentucky Blue Grass. Fancy. ( 19 lb . Seed.) 100 lbs . 22.50 ; less than 25 lbs ., $241 / 2 \mathrm{c}$ per 1 b .

Kentucky Blue Grass. Fancy. (21 lb. Seed.) 100 lbs , $\S 23.50$; less than 25 lbs ., $251 / 2 \mathrm{c}$ per lb .

Kentucky Blue Grass market very unsettled.
Red Top. Fancy Seed. Extra heavy. 100 lbs., $\$ 20.00$; less than 25 lbs ., 22 c per lb . Bags 35 c each extra.
Clover. Dutch White. Bags 35 c each extra. Choice grade, $\$ 35.00$ to $\$ 40.00$ per 100 lbs .
Fancy grade, $\$ 45.00$ per 100 lbs .; less than $25 \mathrm{lbs} ., 47 \mathrm{c}$ per lb .
Put up in packages 5 lbs . and less, write for prices.
Subject to change without notice.

## Vaughan's Special Grass Mixture "Private Estate"

This contains a large proportion of the more expensive grasses, like the Bent Grasses, Chewing's Fescue, etc., also extra heavy Kentucky Blue Grass.
(Retails at 75 c per lb .) Price $\$ 49.00$ per $100 \mathrm{lbs} ; 5-\mathrm{lb}$. cartons each, $\$ 2.65$, per 100 lbs ., $\$ 50.00$; $1-\mathrm{lb}$. cartons each, 55 c , per 100 lbs., $\$ 51.50$. Orders for 10 to 25 lbs . at 5 lc per lb .

## Vaughan's Dense Shade Mixture

Composed of grasses most suited for growing in heavily shaded situations. This is an an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Crass pamphlet Prices same as for Private Estate Mixture

## Vaughan's Chicago Parks

This is the standard mixture, famous for 50 years, which is composed of recleaned, high quality grass and clover seed com-bi-ed in the formula approved by the United States goverment as the best for establishi ig a permarent lawn. The price of this mixture varies with cop conditions; the ouality rever varies. Kentucky blue grass, red top and white clover are its chief constituents. It contains no timothy.

## Vaughan's Columbian (Shady Place Mixture)

This is the companion mixture to Chicago Parks, of the same price. but of a formula varied somewhat to give a blend more suited to shady places. It is also recommended for sandy soils. This mixture is for light or medium shade.

## Prices for Chicago Parks and Columbian Mixtures

Per 100 Lbs.

1. 1b. carton (each 18c) $\}$ $\$ 32.50$
1 lb. carton (each 35c) $\}$

31.75
2 and $3-\mathrm{lb}$. cartons ..... 1.75
$5-\mathrm{lb}$. cartons or bags (e:ch $\$ i .6 ;$ ) ..... 31.00
10 and $15-\mathrm{lb}$. bags. ..... $30 \% 0$
100,50 or $25-\mathrm{lb}$. bags. ..... 37.00

## Vaughan's Homegrounds Mixture

There is unquestionably a large demand for a mixture to retail at 25 cents a pound. Our Homegrounds mixture is the best possible quality that can be marketed for that popular p-ice. It contains only about half the timothy found in most mixtures at this price. It also contains Kentucky Blue grass. We recommend this mixture for places where the lawn receives hard usage and needs reseeding every year.

## Vaughan's Homegrounds Mixture

 Per 100 Lbs. 100, 50 or $25-\mathrm{lb}$. b.gs. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 15.00$ $5-\mathrm{lb}$. cartons. 16.501-lb. cartons
17.00

## How to Make a Lawn

This is a 16 -page booklet giving the latest scientific advice on all phases of lawn making. One copy is packed with each carton of the lawn seed mixtures priced on this page.

All grass seed net cash, f.o.b. Chicago

# Balanced Stock of Grass Seed <br> \section*{Price to you} 



## Net Cash

Retails for $\$ 14.60$

$\mathrm{T}^{0}$O TRY out our 25-cent Homegrounds Mixture, we suggest a $\$ 10.00$ deal which will give you a good display and a balanced stock. Experience has taught us the proportion in which different sizes sell, and the combination will leave you with no stickers. The illustration shows how it looks on your counter.

| $51 / 2-\mathrm{lb}$. cartons (Retailing at |  |  |  | \$0.15 | $\begin{aligned} & \text { Price to you } \\ & \$ 10.00 \\ & \text { Net Cash } \\ & \text { F. } \begin{array}{c} \text { O. Chicago } \\ \text { or New Yorko } \end{array} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 371 -lb. cartons |  |  |  | . 25 |  |
| 4 | $5-\mathrm{lb}$. cartons | " | " | 1.15 |  |
|  | Retail pri |  |  | 14.60 |  |

For fifty years Vaughan's Lawn Seed mixtures have been sown by parks, cemeteries, private estates and golf clubs whose purchases are guided by professional advice.


OUR $\$ 10.00$ HOMEGROUNDS MIXTURE DEAL
These mixtures are now offered to dealers for resale at attractive profits. The reputation of these mixtures is so well established, that every informed buyer will give them preference and you may recommend them in complete confidence that the seed you sell is exactly the same as that which goes to our most exacting professional customers.

## Chicago Parks Grass Seed Deal

This mixture is composed of heavy, recleaned seed, blended according to the formula proved in our fifty years' experience to be the best for permanent lawns under American conditions. Recent scientific experiments by the Department of Agriculture confirmed what experience has taught us as to our formula. Kentucky blue grass and red top form the bulk of this mixture, to which are added white clover in the correct proportion and other grasses to thicken the turf, and assist in establishing the permanent stand of blue grass upon which good lawns depend. Our mixture produces a lawn that will endure.
$45-\mathrm{lb}$. carton
Retail price, lot, $\$ 23.35$
Price to you $\$ 15.00$
F. O. B. Chicago or New York

Price to you


Net Cash
Retails for $\$ 23.35$
All Grass Seed Net Cash, F. O. B. Chicago or New York.


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

# Supplies for the Home Gardener 

EEVERY home gardener needs these handy tools and appliances. Put them on a counter near your seed display, or bulb box, and they will make added sales to your regular garden customers. They are light, they occupy small space, and are packed in convenient assortments. Reorders can be filled promptly from our stock, and the delivery cost is small. By carrying a limited stock of these quick-selling items you can replenish it often, get a quick turn-over and gain additional profits.

Prices quoted are f.o.b. Chicago or New York.


## BAMBOO BROOM RAKES

Doz., \$6.00; 3 doz., for $\$ 16.50$.

## STANDARD RAIN KING

Lawn and Garden Sprinkler. Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and oddshaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a
 gentle mist, a soaking downpour or light shower, all at instant command. Doz., $\$ 45.00$.
$331-3 \%$ discount in lots of 6 or more.

## VEX. AUTOMATIC FERTILIZER

Makes it possible to fertilize a lawn while sprinkling. A brass cylinder 12 inches long and 3 inches in diameter, with two hose connections, one of water to enter from the faucet,
 the other for the water to pass through your lawn hose. Into this cylinder slips a cartridge of lawn Vex food 100 percent plant food, 46 'per cent in nitrogen.

Each, $\$ 7.50$; cartridge, each, $\$ 2.00$.
In lots of 3 or more less $331-3 \%$.

## THE MISTY

Made of tin, quartsize. Doz., $\$ 3.60$; gross, $\$ 39.00$. Retail Price: Each, 50c.

## PNEUMATIC SPRAYER

Galvanized continuous, quart size.
Doz., \$11.40.
Retail Price: Each, $\$ 125$

## DOO-KLIP GRASS SHEARS

Doz., - $\$ 10.80$
Retail Price: Each, $\$ 1.50$.


## PAPER MULCH

Both state and federal experiment stations have proved the value under American conditions of the paper mulch method which was originated by Chas. F. Eckart on Hawaiian sugar plantation. For the home gardener the paper mulch is invaluable. Laid down between the rows, it (1) makes cultivation unnecessary; (2) increases moisture in soil and does away with irrigation; (3) increase yield enormously.

For gardens, gator-hide mulch, paper impregnated with astphalt. Type a 300 lineal yards, 18 inches wide, approximately 30 lbs ., $\$ 3.50$ per roll. 36 inches wide, approximately 60 lbs ., $\$ 7.00$ per roll. Type B, extra heavy for perennial crops, 150 lineal yards, approximately 30 lbs ., $\$ 3.50$ per roll. 36 inches wide, approximately 60 lbs ., $\$ 7.00$ per roll.

## Discounts

On 10 rolls, $20 \%$; on 30 rolls, $25 \%$; on 100 rolls,
 $331 / 3 \%$.

## TOMATO OR PEONY SUPPORTS

Made of heavy galvanized wire.
Doz., $\$ 3.00$; gross, $\$ 30.00$.
Retail Price: Doz., 83.50 .
P OTTERY WREN HOUSE
Maintains even temperature. Easily cleaned. Removable wood bottom. Hole just the right size, is much liked by this great songster. Approximate weight, 8 lbs.

In lots of 6 at $\$ 10.00$ per coz
Retail Price: Each, $\$ 1.25$.


Protects plants from frost and other elements, matures crops earlier, keeps insects out, keeps soil soft. They are made of a specially prepared waxed paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it Hotkaps become individual miniature hothouses.
Per $1,000, \$ 9.00 ; 5,000, \$+3.75$. Write for quantity price. Retail Price: Per 1,000, $\$ 11.50$.

## FEENEY MODEL B DUSTER



Splendid hand duster.

Doz., $\$ 10.50$.
Retail Price: Ea, $\$ 125$

# Vaughan’s Roses Grown Especially for Florists 

## 2-Year Dormant Plants-Ready after November 1st

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements. Orders booked in multiples of 25 of a variety. Less than 25 of a variety, add 5 c per plant.

## Polyantha Roses

Baby Tausendschoen. Unusually large flesh-pink blooms in heavy clusters. Makes a showy plant but puny grower and results sometimes dis-45c appointing. Each.
Crimson Baby Rambler. An old favorite and still good. The crimson flowers are borne in clusters of 30 or 40 in a background of dark, glossy 35 C foliage. Each.
Cecile Brunner. Exquisite buds opening to clusters of light pink blooms diffused to cream at base Blooms are of utmost grace and delicacy. Foliage waxy and healthy. Also called "'Sweetheart 40 C
Ideal. The flowers are clear brilliant scarlet with the trusses beautifully arranged. The plant is shapely with the glossy leaves closely red. 40 C Each
Miss Edith Cavell. Scarlet-red, semi-double flowers produced in big clusters, on strong shoots. Color is lighter than 1 deal. Well recom- 40 c mended for forcing. Each. .
Orleans. The flowers are a beautiful combination of brilliant geranium-rcd, suffused rose, and deep cerise and are produced very freely. The florets are loosely and beautifully arranged and of 35 c
wonderful keeping quality. Each...........

## Hybrid Perpetuals

2-year field grown; ready after November 1st.
Anna de Diesbach. Brilliant Carmine........ $\mathbf{\$ 0 . 3 5}$
Frau Karl Druschke. Pure white
Gen. Jacquieminot. Bright crimson. .35 Gen. Jacquieminot. Brig
Geo. Arends. Clear pink..
Magna Charta. Deep pink.
Mrs. John Laing. Bright pink
Paul Neyron. Deep rose

## Climbing Roses

Those marked ' $X$ ', are suitable for forcing.
American Pillar. Large, single, crimson-pink 35 C
flowers, white centers. Vigorous grower. Each
X Climbing American Beauty. Brilliant carmine flowers, very fragrant, borne singly or in 35c threes. Each..

Crimson Rambler. Strong grower. Immense sprays of small, ruffled flowers of scarlet-red. 35c Dr. Van Fleet. A strong growing, climbing Rose with individual flowers as large as Tea Roses. Color pale pink. Probably onc of the best 35c climbers. Each..
X Dorothy Perkins. Beautiful miniature, shellpink blooms in heavy sprays. Makes extra35c
X Eugene Jacquet. Bright carmine flowers. Large clusters of bright carmine, sweet-scented 35C
flowers. One of the best for forcing. Each....
Excelsa. Double, scarlet-crimson in large clusters. A vigorous grower and profuse bloomer. 35c
Flower of Fairfield. Similar to the Crimson Rambler. Has a long blooming pink but 35 c darker blooms. Each.
Gardenia. Yellow buds and creamy flowers 35 c Mary Wallace. Large, bright pink, cup shaped blooms. Vigorous grower, heavy foliage. 35 c
Each. . . . . . . . . . . . . . . . . . . . . . . . . . .
X Paul's Scarlet. Small trusses of intense scar-35c let flowers, well-known, popular variety. Each. 35C X Roserie. Large, frilled flowers of large deep pink, loose clusters. Thornless canes and strong 35 c
grower. Each. . . . . . . . . . . . . . . . . . . . . Silver Moon. Large, semi-double white flowers, yellow anthers in center. Different to other 35 c
climbers. Vigorous grower. Each.............

## Hybrid Teas

Those marked ' $\mathbf{X}$ ' are suitable for forcing. $X$ Columbia. Low standard glowing pink. 40 c X General MacArthur. Well-shaped, fragzant crimson-scarlet blooms. Flowers freely. 40c Each.
Gruss An Teplitz. Well-known free-blooming, vigorous, hardy variety. Medium size fower. 40c
Brilliant crimson and intense fragrance. Each.


Hadley. Moderate grower and blooms intense 40 c mperial Potentate. A promising late introduction. Flowers of dark rose-pink, shaded lighter 40 C
on reverse of petals. Each..................
X Killarney, Double White. Snowy white, 40 C beautifully shaped blooms of large size. Each. 4 C saffron-yellow, beautifully shaded towards the 40 C edges. Each.
X Mme. Butterfly. Symphony of bright pinkapricot and gold-pink blooms, shading to gold 40 c at the base. Strong grower. Each..
Radiance. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular 40 c variety. Each.
X Souvenir De Claudius Pernet. A popular yellow rose, beautifully shaped buds. Strong 40 C
grower and blooms freely. Each.............

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

This short collection comprises the best obtainable leading new Cannas of real merit in both size of flower and clearness of color.
Yellow King Humbert 4 ft . 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 $31 / 2 \mathrm{in}$. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red.

Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect.

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

King Humbert 4 feet. Scarlet flowers, bronze leaves, greatest Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage.
$100, \$ 4.00 ; 1,000, \$ 35.00$.
Hungaria $31 / 2$ feet. The Best Pink Canna. Very compact, almost dwarf, 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. $100, \$ 5.50 ; 1,000, \$ 45.00$.
The President 4 feet. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stalks, well above the large green foliage. Free
Allemania. 5 ft ., green foliage; bright scarlet with yellow border. $\$ 3 \quad 50 \quad \$ 3000$
Ambassador. $31 / 2$ to 4 ft . Bronze foliage; color poppy-red;
very brilliant. Flowers are borne in immensc trusses on strong
stalks well above the foliage; the petals measuring 2 to $21 / 2$
inches across. Plant is very vigorous.
600
470

Apricot. 4 ft . The color is a buff-yellow base overspread with $100 \quad 1,000$ salmon-pink, making a mass effect of rich apricot........... $\$ 400 \quad \$ 3500$ Chas. Henderson. 4 ft . Crimson flowers. Good bedder. Roots
winter well. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
3 $\mathbf{5 0} 3000$
City of Portland. $31 / 2 \mathrm{ft}$. Distinct among the several really worth while pink Cannas. A deep pink which does not fade worth while pink Cannas. A deep pink which does not fade
during the hot weather; a free bloomer with flowers borne well during the hot weather; a free bloomer with flowers borne well
above the foliage.............................................. . . . . Crimson Bedder. $31 / 2 \mathrm{ft}$. Intense crimson of good quality An excellent bedder
$600 \quad 4700$

David Harum. 31/2 ft. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen...
Florence Vaughan. 5 ft . The most famous yellow Canna Introduced by us in 1892, it still remains indispensable in its class.
$400 \quad 3500$
King Midas. 5 ft . A rich deep gamboge yellow, unadulterated, and remarkably permanent. Extra free bloom, just nicely clearing the leaves in bulky. self-cleaning trusses. A good deep yellow variety

5500
Louisiana. 6 ft . Very large, beautiful vivid scarlet orchid-like flowers, often measuring 5 to 6 in . across. Foliage a glossy green. .
$350 \quad 3000$
Mrs. Alfred L. Conard. 4 ft . Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green foliage

800
green fotiage.............................................................. $350 \quad 3000$
7000

Shenandoah. 4 ft . Bronze foliage. Flowers salmon-pink, borne
in large clusters.......................................................
Statue of Liberty. 6 to 7 ft . Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large.

400
3250
Venus. $31 / 2 \mathrm{ft}$. Rosy pink, mottled creamy yellow border. $650 \quad 5500$
Wintzer's Colossal. 5 ft . Green foliage. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses.

## Hardy Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or Divided Field Clumps.
Six or more of one variety at the dozen rate. Twenty-five or more at the hundred rate. Varieties marked + are Rock plants

|  | Each | Dozen | 100 |
| :---: | :---: | :---: | :---: |
| ACANTHUS Latifoli | \$0.20 | \$1.50 | \$10.00 |
| ACHILLEA Agerat | . 20 | 1.50 | 10.00 |
| The Pearl. (Doub | . 20 | 1.50 | 10.00 |
| +ALYSSUM Sexatile Compa | . 20 | 1.50 | 10.00 |
| ANCHUSA Italica, Dropmore Varie | . 20 | 1.50 | 10.00 |
| AQUILEGIA (Columbine) |  |  |  |
| Canadensis. . . . . . . . . . . | . 20 | 1.50 | 10.00 |
| Chrysantha | . 20 | 1.50 | 10.00 |
| Farquhar Pin | . 25 | 1.80 | 12.00 |
| Mrs. Scott Ellio | 25 | 1.80 | 12.00 |
| +ARABIS Alpina. (Rock Cress) | . 20 | 1.50 | 10.00 |
| +ARMERIA Laucheana. (Sea T | 20 | 1.50 | 10.00 |
| ARTEMISIA Lactifiora | 20 | 1.50 | 10.00 |
| Silver King. (New vari | . 30 | 2.25 | 15.00 |
| +ASTER Alpinus. Blue | 25 | 1.80 | 12.00 |
| +Subcoeruleus | . 25 | 1.80 | 12.00 |
| Abendrothe, di | 20 | 1.50 | 10.00 |
| Climax. Blue | 20 | 1.50 | 10.00 |
| Climax. Whit | 20 | 1.50 | 10.00 |
| Queen Mary. Sky | . 25 | 1.80 | 12.00 |
| BAPTISIA Australis | 20 | 1.50 | 10.00 |
| BUDDLEIA Variabilis Veitch | . 15 | 1.20 | 8.00 |
| +CAMPANULA Carpatica Blu | . 20 | 1.50 | 10.00 |
| Persicifolia. (Peach Bell | 20 | 1.50 | 10.00 |
| +Rotundifolia. (Bluebells of Scotland) | 20 | 1.50 | 10.00 |
| Trachelium. | . 20 | 1.50 | 10.00 |
| +CERASTIUM Tomentosum. (Snow in summ | . 20 | 1.50 | 10.00 |
| CHIVES -Used for seasoning | . 12 | . 90 | 6.00 |
|  |  |  |  |
| Shasta Daisy) | . 20 | 1.50 | 10.00 |
| CLEMATIS Recta | . 25 | 1.80 | 12.00 |
| COREOPSIS Lanceolata Grdfla | . 20 | 1.50 | 10.00 |
| DAISY Shasta Alaska | . 20 | 1.50 | 10.00 |
| DELPHINIUM Belladonna Improved | . 20 | 1.50 | 10.00 |
| Bellamosum | . 20 | 1.50 | 10.00 |
| Blackmore \& Lang | . 30 | 2.25 | 15.00 |
| Chinese Blu | . 20 | 1.50 | 10.00 |
| Formosum | . 20 | 1.50 | 10.00 |
| Summer Cloud | . 30 | 2.25 | 15.00 |
| Vaughan's Gold Medal Hybrid | . 30 | 2.25 | 15.00 |
| Wrexham Hollyhock Flowered | . 40 | 3.00 | 20.00 |
| +DIANTHUS Allwoodi Harold. | . 20 | 1.50 | 10.00 |
| + Allwoodi Mary . . . . . . . . . . | . 20 | 1.50 | 10.00 |
| +Plumarius Abbo | . 20 | 1.50 | 10.00 |
| Cyalops Red | . 15 | 1.20 | 8.00 |
| Dentosus Hyb | . 15 | 1.20 | 8.00 |
| Nanus F. Pl. Mixed | . 15 | 1.20 | 8.00 |
| + Vaughan's Special Mixture. +Barbatus-See Sweet William. | . 20 | 1.50 | 10.00 |
| DIELYTRA Spectabilis. (Bleeding Heart) | . 50 | 5.00 | 35.00 |
| ECHINACEA Purpurea. (Purple Cone Flower) | . 20 | 1.50 | 10.00 |
| ECHNIPOS Ritro. (Globe Thistle). | . 20 | 1.50 | 10.00 |
| ERIGERON Quakeress. (Flea Bane) | . 35 | 2.75 | 18.00 |
| FUNKIA Lancefolia. | . 25 | 1.80 | 12.00 |
| Subcordata Grandif | . 40 | 3.00 | 20.00 |
| GAILLARDIA Grandi | . 20 | 1.50 | 10.00 |
| New Hybrids. Choice mi | . 25 | 1.80 | 12.00 |
| GYPSOPHILA Paniculata | . 20 | 1.50 | 10.00 |
| Bristol Fairy | . 55 | 6.00 | 40.00 |
| +Repens | . 20 | 1.50 | 10.00 |
| HELENIUM Hoopsi | . 20 | 1.50 | 10.00 |
| HELIANTHUS Multifiorus Plenus. (Sunfower) | . 20 | 1.50 | 10.00 |
| HEMEROCALLIS. (Day Lily) |  |  |  |
|  |  |  |  |
| Aureole. Orange shades with crimson. | . 15 | 1.20 | 8.00 |
| Citrina. Citron Yello | . 10 | . 90 | 6.00 |
| Flava. Pale Yellow | . 10 | . 90 | 6.00 |
| Kewanso fl. pl. Double Oran | .10 | . 90 | 6.00 |
| Sovereign. Chrome Yellow. | . 15 | 1.20 | 8.00 |
| HYPERICUM Moserianum. (Si John's Wort) | .20 | 1.50 | 10.00 |
| LIATRIS Spicata. (Kansas Gayfeather)....... | . 20 | 1.50 | 10.00 |
| LYCHNIS Chalcedonica. Scarlet. . . . . . | .20 | 1.50 | 10.00 |
| LYTHRUM Superbum Roseum . | . 20 | 1.50 | 10.00 |
| MATRICARIA Capensis F1. Pl. (Feverfew) | . 20 | 1.50 | 10.00 |
| MERTENSIA Virginia.......... | . 20 | 1.50 | 10.00 |
| MINT. | . 12 | . 90 | 6.00 |
| MONARDA Fistulosa. (Bee Balm). | . 15 | 1.20 | 8.00 |
| +MYOSOTIS Palustris. (Forget-m | . 15 | 1.20 | 8.00 |
| +NEPETA Mussini | . 20 | 1.50 | 10.00 |
| OENOTHERA Missouriensis. (Evening Primrose) | . 20 | 1.50 | 10.00 |
| PAPAVER Royal Scarlet. . . . . . . . . . . . . . . . . . . | . 20 | 1.50 | 10.00 |
|  | . 30 | 2.25 | 15.00 |
| PENTSTEMON Barbatus Torreyi. Coral Red | . 20 | 1.50 | 10.00 |
| Coccineus, Scarl | . 20 | 1.50 | 10.00 |
| Digitalis.... | . 20 | 1.50 | 10.00 |
| PHYSOSTEGIA Vivid | . 30 | 2.25 | 15.00 |
| PLATYCODON Grandiflorum Alba | . 20 | 1.50 | 10.00 |
| Blue. | . 20 | 1.50 | 10.00 |
| +POTENTILLA Double Mixed | . 20 | 1.50 | 10.00 |
| +Rupestris.................. | . 15 | 1.20 | 8.00 |
| +PRIMULA Beesiana | . 30 | 2.25 | 15.00 |
| +Veris Mixed | . 25 | 1.80 | 12.00 |
| PYRETHRUM Roseum Single Mixed | . 20 | 1.50 | 10.00 |
| +RANUNCULUS Acris. (Buttercup) | . 20 | 1.50 | 19.00 |
| SALVIA Azurea. | . 30 | 2.25 | 15.00 |
| Officinalis. (Sage) | . 12 | . 90 | 6.00 |
| +SEDUM Acre. | . 20 | 1.50 | 10.00 |
| +Brilliant | . 20 | 1.50 | 10.00 |
| +Rubrum | . 20 | 1.50 | 10.00 |
| +Sexangulare. | . 15 | 1.50 1.20 | 10.00 8.00 |



HARDY PHLOX


| Each | Dozen | 100 |
| :---: | :---: | ---: |
| $\$ 0.30$ | $\$ 2.25$ | $\$ 15.00$ |
| .20 | 1.50 | 10.00 |
| .15 | 1.20 | 8.00 |
| .20 | 1.50 | 10.00 |
| .25 | 1.80 | 12.00 |
| .20 | 1.50 | 10.00 |
| .20 | 1.50 | 10.00 |
| .20 | 1.50 | 10.00 |
| .15 | 1.25 | 8.00 |
| .20 | 1.50 | 10.00 |
| .20 | 1.50 | 10.00 |
| .20 | 1.50 | 10.00 |
| .15 | 1.20 | 8.00 |
| .20 | 1.50 | 10.00 |
| .20 | 1.50 | 10.00 |
| .15 | 1.20 | 8.00 |
| .35 | 3.00 | 18.00 |
| .15 | 1.20 | 8.00 |
| .15 | 1.20 | 8.00 |
| .20 | 1.50 | 10.00 |

## HARDY PHLOX



# Ornamental and Flowering Shrubs 

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first-class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold
Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. $\&$ Q. R. R , two blocks south of 47 th Street, on Wolf Road.

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


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 refarding 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.


PYRACANTHA Coccinea Lalandi (Laland Firethorn), Each 15 to 18 in. $\mathrm{B} \& \mathrm{~B}$.
6 to 8 in .3 in

 HODOTYPOS Kerrioides. 18 to 24 in. 2 to 3 ft
3 to 4 ft .
RHUS Canadensis. 2 to 3 ft
Cotinus. 2 to $3 \mathrm{ft} \ldots . . .$.
Cotinus. 2 to 3 ft
3 to 4 ft
Glabra. 2 to $3 \ldots \mathrm{ft}$.

ROSA. Dr. E. M. Mills.
3-year
$\qquad$

Sutigera. Alba. 2-year.
Rugosa Belle Poitevine. i-year
Rugosa C. F. Meyer. 2-year
Rugosa F. J. Grootendorst.
Rugosa Hansa. 2-year.
Rugosa Pink Grootendorst. 2 -year.
Rugosa Rubra. 2-year.
Rugosa Sir Thos. Lipton
Moss Luxemburg. (Red). i-year. Moss Crested Pink. 2-year.
Moss White. 2-year.........
SALIX (Willow) Babylon
 4 to 5 ft . bush
Petandra (Laurel Willow), 3 to 4 ft
SAMBUCUS Canadensis. 4 to 5 ft . 3 to $4 \mathrm{ft} . . . . .$.
Nigra. 3 to 4 ft.
Nigra Aurea. 3 to
Nigra Aurea. 3 to 4 ft .
SORBARIA Sorbifolia (Ural False Spiraea). 2 to $3 \mathrm{ft} . . \mathrm{C}$ SPIRAEA Anthony Waterer, 12 to 18 in .

18 to 24 in. extra bushy.
Arguta Multiflora.
2 to $3 \mathrm{ft} .3 . \mathrm{M}$.
Billardii.
Froebeli. 18 to 24 in 24 to 30 in........
$1,000, \$ 150.00$
 Thunbergii. 18 to 24 in.
Van Houttei (Bridal Wreath). 2 to 3 ft ., bushy 3 to 4 ft. , bushy

## SYMPHORICARPOS (Snowberry)

Racemosus. 2 to 3 ft ., bushy
3 to 4 ft . bushy
Vulgaris (Indian
Vulgaris (İndian Currant). 2 to 3 ft .
YRINGA (lilac). Charles X. 2 to 3 ft .
Charles Jolly. is to 24 in.
Hugo Kos
Japonica. 2 to 3 ft .
Josikaea. 3 to $4 \mathrm{ft} . \ldots$.
Mad. Lemoine. 2 to 3 ft .
Marie Le Graye. in to 3 ft.
Michael Buchner. 2 to 3
Persian Purple........ $\mathbf{i}$ to $\mathbf{~} \mathrm{ft}$.
3 to 4 ft . Greve.... 2 to 3 ft
President
Villosa. 2 to 3 ft
Vuld to 4 ft .
Ulgaris $P 1$ to 4 ft
NEW AND RARE LILACS.
Diderot, Emile Gentil, Jean Mace,
Leon Gambetta, Montaigne, Marechal, Lannes,

1.50
3.50

EARLY LILACS (Syringa Gilardii).
Berryer, Buffton, Deschartcs, Louvois, Mirakeau,
2 to
' ft......
TAMARIX Africana. 3 to 4 ft .
Hispida Aestivalis. 3 to 4 ft .


| VIBURNUM.-Continued. | Each | 10 | 100 |
| :---: | :---: | :---: | :---: |
| Molle. 2 to $3 \mathrm{ft} . . . . . .$. | \$0.40 | \$3.00 | \$25.00 |
| 3 to 4 ft . | . 50 | 4.00 | 35.00 |
| Opulus. 2 to 3 ft | . 50 | 4.00 | 30.00 |
| 3 to 4 ft . . . . . | . 60 | 5.00 | 40.00 |
| 4 to 5 ft . | . 90 | 7.50 |  |
| 4 to 5 ft . specimens | 1.25 |  |  |
| Opulus Nanum. 8 to 10 | . 50 | 4.00 |  |
| Opulus Sterile. 2 to 3 ft . | . 50 | 4.00 | 35.0 |
| 3 to $4 \mathrm{ft} . . . . . . . .$. | . 60 | 5.00 |  |
| Sieboldi. 2 to 3 ft . | . 60 | 5.50 | 50.0 |
| WEIGELIA Abel Carriere. | . 40 | 3.50 | 30.0 |
| 3 to 4 ft . | . 50 | 4.00 | 35.00 |
| Candida. 2 to 3 ft | . 40 | 3.50 | 25.00 |
| Eva Rathke. 2 to 3 ft | . 50 | 4.00 | 30.0 |
| 3 to $4 \mathrm{ft} . . . . . . .$. | . 60 | 5.00 | 35.00 |
| Floribunda. 2 to 3 f | . 50 | 4.00 | 30.00 |
| $3 \text { to } 4 \mathrm{ft} . . .$ | . 60 | 5.00 | 35.0 |
| Rosea. 2 to 3 ft . | . 40 | 3.00 | 20.0 |
| 3 to 4 ft .. | . 50 | 3.50 | 25.0 |

## WRITE FOR SPECIAL QUOTATIONS ON QUANTITIES

## Ornamental and Shade Trees

| ACER Dasycarpum (Silver Maple). 8 to 10 ft ., 1 to Each $11 / 4$ in. caliper. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 1.50$ | $\begin{gathered} 10 \\ \$ 10.00 \end{gathered}$ | $\begin{gathered} 100 \\ \$ 75.00 \end{gathered}$ |
| :---: | :---: | :---: |
| 10 to 12 ft ., $11 / 4$ to $11 / 2$ in. caliper. .................. 2.00 | 15.00 | 100.00 |
| 12 to $14 \mathrm{ft}, 11 /$ to $^{2}$ in caliper | 20.00 |  |
| Dasycarpum Wieri (Wier Maple). 8 to 10 ft . . . . . 2.00 | 15.00 |  |
| Ginnala (Amur Maple). 2 to $3 \mathrm{ft} . . . . . . . . . . . . . . . .$. . 60 | 5.00 |  |
| 3 to $4 \mathrm{ft....................................}. .^{\text {. }} 75$ | 6.00 |  |
| Platanoides (Norway Maple). 7 to 8 ft ., $3 / 4 \mathrm{in}$. caliper |  |  |
| 8 to 10 ft ., 1 to $11 / 4 \mathrm{in}$. caliper, twice transplanted. . 2.50 | 22.50 |  |
| 10 to 12 ft ., $11 / 2$ to $13 / 4 \mathrm{in}$. caliper, twice transplanted 5.00 | 45.00 |  |
| 18 to 20 ft ., 4 in. caliper, twice transplanted........ $14.00 \quad 120.00$ Write for prices on larger sizes. |  |  |
| Platanoides Globosum (Globe Maple) 6 ft....... 3.50 |  |  |
| Platanoides Schwedleri (Schwedler Maple). 7 to |  |  |
| 8 to 9 ft ., $3 / 4$ in. caliper, branched.................... 3.00 | 27.50 |  |
| 8 to 10 ft ., 1 to $11 / 4 \mathrm{in}$. caliper, twice transplanted 5.00 | 45.00 |  |
| Saccharum (Sugar Maple). 8 to 10 ft ., $11 / 4$ to $11 / 2 \mathrm{in}$. $250 \quad 2000$ |  |  |
| caliper......11/2 to 210 in. caliper. . . . . . . . . . . . . . . . . . . . . . . 42.50 | $\begin{aligned} & 20.00 \\ & 35.00 \end{aligned}$ |  |
| ANTHUS Glandulosa (Tree of Heaven). 4 to 5 ft . . . 50 | 4.00 | 30.00 |
| 5 to 6 | 5.00 | 40.00 |
| BETULA (Cut-Leaved Weeping Birch). 8 to 10 ft .. . 3.50 | 30.00 |  |
| Catalpa Bungei. Our stock is especially fine this year, |  |  |
| 5 to 6 | 10.00 | 0.00 |
| 5 to 6 ft. stems, specimens. . . . . . . . . . . . . . . . . . . . . . 2.50 | 20.00 |  |
| Speciosa. 8 to 1 | 7.50 | . 00 |
| 10 to 12 ft ., | 10.00 | . 00 |
| CHERRY Japanese Flowering, Fujizan (Mt. Fuji) 3.00 | 25.00 |  |
|  | 25.00 |  |
| Sieboldi, 4 to 5 ft........ . . . . . . . . . . . . . . . . . . . . . . 3.00 | 25.00 |  |
| CHERRY, Japanese Weeping. 5 to 6 ft . stems. . . . . 4.50 | 40.00 |  |
| FRAXINUS Americanus (White Ash). 8 to 10 ft ., |  |  |
| 1 to $11 / 4 \mathrm{in}$. caliper | 15.00 | 125.00 |
| 10 to 12 ft | 20.00 | 150.00 |
| GINKGO Biloba (Maidenhair Tree). 6 to $8 \mathrm{ft} . . . . .2 .00$ |  |  |
| GLEDITSIA Triacanthos (Common Honey Locust). |  |  |
| 8 to 10 ft... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1.25 | 10.00 | 75.00 |
| 10 to $12 \mathrm{ft.} 11 /$,2 to 2 in caliper . . . . . . . . . . . . . . . . . 2.00 | 17.50 | 150.00 |
| Triacanthos Inermis (Thornless Honey Locust). |  |  |
| JUGLANS Nigra (Black Walnut). 5 to $6 \mathrm{ft} . . . . . . . .$. . 75 | 6.00 |  |
| MORUS Albs Tatarica (Russian Mulberry). 7 to 8 ft . . $75 \quad \mathbf{6 . 0 0}$ Alba Pendula (Weeping Mulberry). The most popu- |  |  |
|  |  |  |
| PTELEA Trifoliata (Hoptree). 4 to 5 ft.............. . 50 | 4.00 |  |
| POPULUS Bolleana (Bolleana Poplar). 8 to 10 ft . . . 2.00 | 17.50 | 150.00 |
| 10 to 12 ft ., $11 / 2$ to $13 / 4$ in. caliper . . . . . . . . . . . . . . . 2.50 | 20.00 |  |
| 12 to 14 ft ., $13 / 4$ to 2 in. caliper. . . . . . . . . . . . . . . . . 3.00 | 25.00 |  |
| Eugeni (Carolina Poplar). One of the most rapid |  |  |
|  |  |  |
| 10 to 12 ft ., 1 to $11 / 2 \mathrm{in}$. caliper . . . . . . . . . . . . . . . . . . . 75 | 5.00 | 35.00 |
| 12 to $14 \mathrm{ft} ., 11 / 2$ to 2 in. caliper . . . . . . . . . . . . . . . . . . 1.00 | 9.00 | 75.00 |
| 12 to 14 ft ., 2 to $21 / 2 \mathrm{in}$. caliper. . . . . . . . . . . . . . . . . . 1.50 | 12.50 | 100.00 |
| Nigra Italica (Lombardy Poplar). A valuable tree |  |  |
| fine, being branched from the ground. 6 to 8 ft .. . . ${ }^{\text {c }} \mathbf{0}$ | 3.50 | 25.00 |
| 8 to 10 ft .. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 75 | 5.00 | 40.00 |
| 10 to $12 \mathrm{ft}$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1.00 | 8.00 | 60.00 |
| QUERCUS Rubra (Common Red Oak). 12 to 15 ft ., |  |  |
| ALIX (Wisconsin Weeping Willow). 6 to $8 \mathrm{ft} . . . . .$. . 75 | 6.50 |  |
|  | 10.00 |  |
| SORBUS Aucuparia (European Mountain Ash). |  |  |
| ULMUS Americana (American Elm). 8 to 10 ft ., |  |  |
| 1 to $11 / 4 \mathrm{in} .$, caliper, once transplanted............ 2.00 | 15.00 | 125.00 |
| 8 to $10 \mathrm{ft.} 11 /$,4 to $11 / 2 \mathrm{in}$, caliper.................. 2.50 | 20.00 | 175.00 |
| 10 to 12 ft ., $11 / 2$ to $1^{\frac{1}{4} / \mathrm{in} \text {. caliper, twice transplanted } 3.50}$ | 30.00 | 275.00 |
|  |  |  |
| $11 / 4 \mathrm{in}$. caliper. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.00 | 17.50 | 150.00 |
| 8 to 10 ft ., $11 / 4$ to $11 / 2 \mathrm{in}$. caliper. . . . . . . . . . . . . . . . 3.00 | 27.50 | 250.00 |
|  | 37.50 |  |
| Americana Urni (Vase-Shaped Elm). ${ }^{\text {a }}$, 0001750150.00 |  |  |
| 8 to $10 \mathrm{ft} ., 1$ to $11 / 4 \mathrm{in}$. caliper. .................... . . . . 2.00 | 17.50 | 150.00 |
| 8 to $10 \mathrm{ft} ., 11 / 4$ to $11 / 2 \mathrm{in}$ caliper . . . . . . . . . . . . . . . . 3.00 | 25.00 | 225. |
| 10 to $12 \mathrm{ft.} 11 /$,2 to $13 / \mathrm{in}$. caliper............. 3.75 | 35.00 |  |
| Campestris (English Elm). 8 to $10 \mathrm{ft.,1} 11 / 4$ to $11 / 2 \mathrm{in}$. |  |  |
| 10 to $12 \mathrm{ft.} 11 /$,2 to 2 in. caliper.................... 4.00 |  |  |
| Pumila (Chinese Elm). 4 to $5 \mathrm{ft.,..............}. \mathrm{}. \mathrm{}. \mathrm{}$. | 7.50 | 50.00 |
|  | 12.50 |  |

## Hardy Vines

AKEBIA Quinata. A beautiful Japanese vine with Each MPELOPSIS Engelmanii. A hardy and quick-growing, self-clinging vine. 2-year 3-year.
Heterophylla. Ornamental, heart-shaped leaves; tur quoise-blue berries in fall. 3-year
Quinquefolia (Woodbine). A good native vine valued for its bright crimson foliage in fall. 2-year...

Veitchii (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year, No. 1... 2-year, medium
3-year. .
Pot-grown
ARISTOLOCHIA Sipho (Dutchman's Pipe). Very large, dark green heart-shaped leaves. 2-year grafted 3-year....
ELASTRUS. Hardy climbers, with orange-capuled fruit in autumn
Orbiculatus (Oriental Bittersweet). 3-year.
Orbiculatus (American Bittersweet). 2-year. 3-year.
CLEMATIS-Small-Flowering, Paniculata. The finest small-flowered Clematis. Pure white, deliciously fragrant flowers, produced in greatest profusion in September. 2-year 3 -year.
CLEMATIS-Large-Flowering:
Henryi. Finest large single white. 2-year
Jackmanii. The popular dark, rich royal purple
Mad. Ed. Andre. Large deep wine-red.
LONICERA-Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. Blooms for a long time. 2-year.
Japonica Aurea Reticulata. Foliage spotted bright
Japonica Halliana (Hall's Japanese). Very fra-
Japonica Halliana (Halls sapanese) very fra-
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year
LYCIUM Barbarum (Matrimony Vine). Of trailing habit. Attractive red berries in autumn. 2-year..
WISTARA Magnifica. Vigorous grower; purple-lilac flowers.

## Vaughan's Evergreens

JUNIPERUS Canadensis (Canadian Juniper). Of low- Each
spreading, irregular form with foliage of blue-green.
18 to 24 in. XX. . . . . . . . . . . . . . . . . . . . .
Chinensis Pfitzeriana (Pfitzer Juniper). One of the best
of all Junipers. Broad bushy habit. Thick, rich green
foliage, giving feathery appearance. .... Per 100, $\$ 200.00$.

30 to 36 in . spread XX
3 to $31 / 2 \mathrm{ft}$. spread XX
3 to $31 / 2 \mathrm{ft}$. spread XXX
$31 / 2$ to 4 ft . spread XXX
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 18 to 24
24 to 30 in. spread XXX
Communis Suecica (Swedish Juniper). Upright pyramidal form; bluish green foliage. 24 to 30 in, XX..................
Sabina (Savin Juniper). Dark green foliage. Spreading,
Sabina (Savin Juniper). Dark green foliage. Spreading,
semi-erect branches. 18 to 24 in. XX. semi-erect branches. 18 to 24 in . XX
24 to 30 in . XXX
30 to 36 in. XXX
$\$ 30.00$
Sabina Prostrata Horizontalis. Light green foliage. Lowspreading branches that form a dense mat over the ground.
15 to 18 in spread XX spreading in. spread XX...................... . . Per 100, Per $^{\$ 150.00} \mathbf{\$ 2 0 0 . 0 0}$
18 to 24 in. spread XX. . . . . . . . . . 24 to 30 in . spread XXX.
$21 / 2$ to 3 ft . spread XXX.
Sabina Prostrata Horizontalis Giauca. Like the above,
babina Prostrata Horizontalis Glauca. Like the above,
but with distinct steelblue foliage. 18 to 24 in . spread XX 30 to 36 in. spread XXX specimens
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.
3 ft . XX............................... . . Per $100, \$ 200.00$

Virginiana Cannarti (Cannart Red Cedar). Deoo rich
green foliage that does not change in winter.
2 ft . XX...
Virginiana Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage. $21 / 2 \mathrm{ft}$. XX. $3 \mathrm{ft} . \mathrm{XXX}$
$31 / 2 \mathrm{ft}$. XXX
PICEA. (Black Hill Spruce). A very hardy, compact-growing


18 to 24 in. XX. .........................................................


 Gerpe 3.50
4.50
5.50
6.50

Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 2 ft . XXX

PINUS Montana Mughus (Mugho Pine). A low-growing, Each round topped evergreen; fine for rock planting and founda-
tion work. 12 to 15 in. XX. . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 2.50$
24 in. XXX. . . . . ............................
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 12 to 18 in., window box grade, 18 to 14 ind burlapped. . . . . . . . . . . . . . . . Per $100, \$ 20.00$ 24 to 30 in . XXX.
$21 / 2$ to $3 \mathrm{ft} . \mathrm{X}$
$31 / 2 \mathrm{ft}$. XXX
Ponderosa (Western Yellow Pine). Silvery green foliage Quick growing, reaching large dimensions. $21 / 2$ to 3 ft . XX 3 to $31 / 2 \mathrm{ft}$. XX
$31 / 2$ to 4 ft . XX
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.
$21 / 2$ to 3 ft .
3 to $31 / 2 \mathrm{ft}$.
4 ft .
5 ft .
RETINOSPORA Plumosa. Of dense, conical habit. Soft, feathery, light green foliage. 18 to 24 in . XXX. . . .
Tom Thumb. Low, broad, compact variety with soft
feathery foliage. 18 to 24 in. $X X . . . . . . . . . . . . . . . . . . . . . . .$.
TAXUS Cuspidata (Japanese Yew). In growth close, upright and compact, with dark green foliage. Very hardy.
15 to 18 in. XX.
2.00
3.00
4.00
5.00
6.00
2.50
3.00
4.00

2 ft . XXX.
brancha Brevifolia (Dwarf Japanese Yew). Spreading branches with short, deep rich green leaves; of dwarf bushy habit. 12 in. XX
18 in. XXX.
THUJA Occidental is (American Arborvitae)


Occ. Pyramidalis (Am. Py ramidal Ärborvitae). A A compact, narrowly pyramidal tree with bright green foliage.


Occ. Wareana (Ware Ärborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.
$18 \mathrm{in} . \mathrm{XXX}$.
TSUGA Canadensis (Canada Hemlock). A graceful tree of broadly pyramidal form with rich green foliage. 3 ft . XX.. 4.50

Each " $X$ "' denotes the number of times the stock has been transplanted.

## Fruit Trees

## APPLES

2-year trees, 4 to 6 ft , $11 / 16$ to 1 in. caliper, each 50 c ; per 10, $\$ 4.50$; per 100 , $\$ 35.00$. 3-year old trees, 6 to 7 ft ., 1 to $1 \frac{1}{4}$ in caliper, each 60 c ; per $10, \$ 5.00$; per $100, \$ 45.00$

Autumn Strawberry, Baldwin, Banana, Black Ben Dayis, Delicious, Duchess, Jonathan, McIntosh Red, Northern Spy, Northwestern Greening, Red June, Red Astrachan, Roman Beauty, Snow, Wagener, Wealthy, Yellow Transparent.

## CHERRIES

2 -year trees, 4 to 5 ft ., ${ }^{11 / 16}$ to 1 in . caliper, each 75 c ; per $10, \$ 6.00$; per $100, \$ 50.00$.

Early Richmond, Montmorency, Royal Duke.
PEARS
2-year trees, 4 to 6 ft ., $11 / 16$ to 1 in . caliper, each 60 c ; per $10, \$ 5.00$; per $100, \$ 45.00$.

Clapp's Favorite, Flemish Beauty, Howell, Seckle.
PLUMS
2-year trees, 4 to 5 ft ., ${ }^{11 / 16 \text { to } 1 \mathrm{in} \text {. caliper, each } 50 \mathrm{c} \text {; per } 10, \$ 4.50 \text {; }} 100, \$ 35.00$. per 100, $\$ 35.00$.
Abundance, Burbank, Moniter, Opata, Sapa, Terry, Underwood,
Waneta. Waneta.
We
We can supply Specimen trees of Apple, Pear, and Plum in as-
orted varieties as follows: 7 to 8 ft as follows :
$1 / 2 \mathrm{in}$. caliper, $11 / 2$ to 2 in . Caliper, each $\$ 2.00$; per $10, \$ 17.50 ; 8$ to 10 ft ., 2 to

## Snall Fruits

BLACKBERRY Eldorado, Snyder. 75c per 10; $\$ 5.00$ per 100.
GRAPE Agawam, Brighton, Catawba, Delaware, Diamond, Moore's Early, $\$ 6.00$ gara, 10 orden. Cond, $\$ 2.50 .00$ per $10 \$ \$ 10.00$ per 100 . Caco, $2-\mathrm{yr}$;, $\$ 6.00$ per 10 . Concord, 2-yr., $\$ 2.00$ per $10 ; \$ 10.00$ per
$\$ 2.50$ per $10 ; \$ 15.00$ per 100. Hubbard, 2 -yr., $\$ 4.50$ per 10 .
RASPBERRIES Cumberland, St. Regis, 50c per $10 ; \$ 5.00$ per 100. Golden Queen, Latham, Quillen, Royal, Victory, 80 c per $10 ; \$ 7.00$ per 100.

RHUBARB. Väughan's Mammoth $100 \quad 1,000$
1-year Selected stock. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . \$ 4.00 \$ 50.000
2-year extra strong. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
7.50
7.50
2-y.00
120.00

# Vaughan’s Flower Baskets <div class="inline-tabular"><table id="tabular" data-type="subtable">
<tbody>
<tr style="border-top: none !important; border-bottom: none !important;">
<td style="text-align: center; border-left: none !important; border-bottom: none !important; border-top: none !important; width: auto; vertical-align: middle; ">Nouncer</td>
</tr>
<tr style="border-top: none !important; border-bottom: none !important;">
<td style="text-align: center; border-left: none !important; border-bottom-style: solid !important; border-bottom-width: 1px !important; border-top: none !important; width: auto; vertical-align: middle; ">patecme</td>
</tr>
</tbody>
</table>
<table-markdown style="display: none">| Nouncer |
| :---: |
| patecme |</table-markdown></div> 



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

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

| Style Mo. $7 / 18$ | Diameter, Inch | Depth, inch | Overall, lach 18 | Price $\$ 2.00$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 7/24 |  |  | 24 | 3.60 |  |
| 7/32 |  |  | 32 | 5.00 |  |
| 7/36 |  |  | 36 | 6.00 |  |
| 7/42 |  |  | 42 | 7.35 |  |
| 8 | 5 | 8 | 23 | . 75 |  |
| 90 | 41/2 | 4 | 12 L | . 85 |  |
| 124/1 | 7 | 9 | 22 | . 62 |  |
| /2 | 8 | $101 / 2$ | 27 | . 95 |  |
| 13 | 9 | 13 | 32 | 1.20 |  |
| /4 | 10 | 18 | 40 | 2.00 |  |
| 128/1 | 7 | 9 | 22 | . 65 |  |
| /2 | 8 | 101/2 | 27 | . 95 |  |
| 13 | 9 | 13 | 32 | 1.20 |  |
| 165/1 | $51 / 2$ |  | 10 L | 1.00 |  |
| 12 | 6 |  | 13 L | 1.30 |  |
| 13 | $61 / 2$ |  | 18 L | 1.60 |  |
| /4 | 7 | $61 / 2$ | 21 L | 2.00 |  |
| 183/1 | $51 / 2$ | 4 | 11 | . 35 | Unlined \$0.28 |
| 226 | 12 |  | 35 | 4.00 | Dec. with compo. flowers $\$ 5.00$ |
| 297 |  | 512 | 11 | 40 | Unlined \$0.32 |
| 387/1 | $51 / 2$ | 512 | 91/2 L 19 | 1.10 |  |
| $/ 2$ | 6 | 6 | $12 \mathrm{~L} \quad 21$ | 1.80 |  |
| 13 | 61/2 | 6 | 18 L 23 | 2.25 |  |
| 457/1 | 7 | 4 | $11 \mathrm{~L} \quad 141 / 2$ | 1.05 |  |
| /2 | 81/2 |  | 13 L 151/2 | 1.30 |  |
| -/3 | 101/2 | $51 / 2$ | 151/2 L 17 | 1.80 |  |
| 568 G | 8 | 12 | 30 | . 90 |  |
| 590 | 61/2 | 53/4 | 141/2 | . 55 |  |
| 634/0 | $101 / 2$ | 11 | 231/2 | 1.45 |  |
| / | 121/2 | 15 | $281 / 2$ | 1.65 |  |
| $/ 2$ | 13 | $171 / 2$ | 34 | 2.05 |  |
| 13 | 16 | 23 | 40 | 2.65 |  |



These prices call for a two-tone or enamel finish. Metal liners included. Where liners are not desired, deduct $10 \%$ from price.

## Florists' Wire Designs

F. O. B. NEW YORK

New York Terms Net
No Packing Charges.

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 correctnoss; 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.
F. O. B. CHICAOO

DISCOUNT FOR PAYMENT IN TEN DAYS' ORDERS
From
10.00 to $\$ 20.00$
10.00 to $\$ 20.00 \ldots \ldots . . .10 \%$
20.00 to $50.00 \ldots . . .15 \%$ 100.00 and over. . . . . . . . . $20 \%$

Compare These Prices, they are Much Lower than Many so-called Net Prices.









Masonic Square and Compass

|  | On | ase |  |
| :---: | :---: | :---: | :---: |
| Inch | Price | Inch | Price |
| 12. | \$0 60 | 24. | \$1 75 |
|  | . 70 | 27. | 225 |
|  | . 90 | 30. | 275 |
| 18. | 125 | 33. | 350 |
| 21. | 150 | 36. | . 400 |


| ODDFELLOWS' DESIGN |  |  |
| :---: | :---: | :---: |
|  | Flat | On Base |
|  | $60 \quad 18$ | 18...... 100 |
|  | 7021 | 21....... 110 |
|  | 8024 | 24...... 125 |
| PILLOWS |  |  |
| 12. | $20 \quad 24$ | 24......... 60 |
| 14. | 25 | 27. . . . . . . 80 |
| 16. | . 3530 | $30 . . . . . .125$ |
| 18. | . 40 | 36...... 175 |
|  | . . 4548 | 48. . . . . . 350 |
| STARS-Fiat |  |  |
|  | 1218 | 18........ 35 |
|  | 1521 | 21......... 45 |
| 10. | 182 | 24....... ${ }^{75}$ |
|  | .. 20 | 27....... 100 |
| 14. | . 25 | 30...... 125 |
|  | . $30 \quad 33$ | $\begin{array}{lll} 33 \ldots \\ 36 \ldots . . . . & 2 & 25 \\ \hline \end{array}$ |
| Star on Reciining Stand |  |  |
| 10. | $30 \quad 21$ | 21....... . 90 |
| 12. | 352 | 24....... 125 |
|  | . 4027 | 27...... 175 |
| 16. | . 45 | 30....... 210 |
|  | 7033 | 33...... 270 |
|  |  |  |

 $18 \ldots \ldots \cdot 150 \quad 30 \ldots \ldots \cdot 250$ Woodman Design on Easei $18 . . . .125 \quad 124 \ldots . .150$


PACKING CHARGES AT COST.

# Special Bowl Assortments 



No. G. 3-36 CoIored Satin Finish Glass Bowls. These bowls are specially shaped for bulbs and equally attractive for flowers, made of the best grade of flint glass, in a rich beautiful satin finish in the following colors: Nile Green, Light Blue, Rich Deep Amber, and Black. Made up as follows: $1551 / 2$-in., 15 $61 / 2$-in., $69-\mathrm{in}$. bowls of assorted colors. Price, $\$ 14.95$.
Bulb Fibre. Prepared for growing Bulbs in bowls, at $\$ 5.50,100 \mathrm{lbs}$ Pearl Chips, White, for growing Bulbs in bowls, at $\$ 3.50$, 100 lbs. Pearl Chips, Colored, $\$ 5.50$ per 100 lbs.
Sea Shore Gravel, at \$2.50 per 100 lbs .
Write us for prices on larger quantities.

## At Attractive Savings

BECAUSE of the saving to us in handling we are able to offer special prices on case assortments. These are made up to provide a well-chosen variety of colors and sizes for your stock. Prices f. o. b. Chicago.

F. L. Style Pottery Bowl

No. A. 3-36 F. L. Style Pottery Bulb Bowls. Made up as follows: 155 -in., 156 -in., 68 -in. bowls of assorted colors including Matt Gireen, Blue GIaze and Jet Black.
For breakage in transit immediate claim should be filed with the railroad. Not responsible for breakage if shipped via parcel pcst. Price, $\$ 11.50$.
F. L. Style Pottery Bowls, in matt green, gloss green, glaze blue, jet black.
5 -in. diam., doz.. $\$ 2.75$; 6-in. diam., doz., \$4.00; 8 -in. diam., doz., $\$ 6.50$. Packing charges at cost.

Place orders early to insure getting desired colors.

## Vaughan's Greenhouse and Florists' Supplies

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

APRONS RUBBER. These are especially made for us of the best quality sheeting and are $1 \frac{1}{4}$ yds. long. Each, $\$ 2.35 ; 3$ for \$6.75. Postage, 25c each, extra.
CARNATION BANDS, Rubber. Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about $13,000, \$ 3.00$ postpaid.
DOVES, Vaughan's Flexible.
The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.
Doves have been very scarce for a year. First quality. Each, $\$ 2.25$; doz., $\$ 22.50$. Extra Quality Birds.
Price, ea., $\$ 2.50 ; 6$ for $\$ 12.50$; doz., $\$ 23.50$.
CUT-FLOWER BOXES
 All sizes packed 100 covers per bundle and 100 bottoms per bundle.
F. O. B.

Chicago only
Printing $\$ 3.75$ extra. In gold $\$ 7.50$ extra for each order of 100 to 1,000 boxes assorted sizes. We carry
a complete
stock and can usually fill orders promptly. When ordering printed
 boxes allow ten to twelve days extra for delivery.
Prices subject to change without notice owing to market conditions.

## VAUGHAN'S "GREEN'’ GRADE.

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

|  | Weight | Per |  | Weight | Per |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size in inches | Per 100 | 100 | Sise in inches | Per 100 | 100 |
| $3 \times 18 \times 5$ | 35 lbs . | \$4.20 | $4 \times 24 \times 8$ | 70 lbs. | \$ 7.50 |
| $3 \mathrm{x} 21 \times 5$ | 40 lbs . | 4.60 | $5 \times 28 \times 8$ | 90 lbs . | 9.00 |
| $31 / 2 \times 24 \times 5$ | 50 lbs . | 5.50 | 5x $36 \times 8$ | 125 lbs. | 11.25 |
| 31/2x $\times 10 \times 5$ | 65 lbs . | 6.50 | $6 \times 40 \times 10$ | 165 lbs. | 16.00 |
| FLORAL DESIGN BOXES. (Gray.) |  |  |  |  |  |
|  |  |  | No. 27. 8x2 |  | $\$ 19.00$ 23.00 |
| Packed 25 complete per bundle. |  |  |  |  |  |
| CORSAGE | XES. | arl Gra |  |  |  |

CORSAGE BOXES. Pearl Gray.
$5 \pm 9 \mathrm{x} 6,30 \mathrm{lbs} . . . . . . . . . . . . .$.

## LETTERS AND FIGURES

## IMMORTELLE LETTERING. Purple

 Per 4-yard pkg. 95c; 6 pkgs. $\$ 5.00$. IMMORTELLE LETTERS AND FIGURES. $11 / 2$ or 2 inches in length, 5 c each; 100, $\$ 4.50$. BOSTON FLORISTS' each letter, $11 / 2$ and 2 inches, per $100, \$ 3.50$. BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, $41 / 2 \mathrm{c}$.PAPER SCRIPT WORDS. Gold finish. The best letter ever introduced for use on ribbon and chiffon in the following inseriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten wordsin a package. Price, less than 100 words, 5 c per word; per 100 words, $\$ 3.50$; per 1,000 words, $\$ 20.00$.
CLOCK DIALS. Purple face with white figures, or white face with purple figures. 4 -inch., per doz., $\$ 3.50 ; 7$-inch, per doz., $\$ 5.00$.
GILT RIBBON LETTERS. Gummed. 25 letters in a package. $11 / 4$-in. per $100,75 \mathrm{c}$; per $1,000, \$ 3.50$; $3 / 4$-in., per $100,60 \mathrm{c}$; per 1,000, \$3.00.
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, at 50c per pkg. of 12 yards; $\$ 5.00$. per doz. pkgs.
Worsted, Medium-at 40 c per pkg. of 12 yds.; $\$ 4.20$ per doz. pkgs.
Worsted, Small-Same colors, at 35 c per pkg. of 12 yds; $\$ 3.25$ per doz. pkgs.
Twisted Chenille, Large-Any color, at 5Cc per pkg. of $12 \mathrm{yds}$. ; $\$ 5.00$ per doz. pkgs.

## WOOD EASELS

Strong, well made, finished in white enamel.

| Strong, well made, finished in white enamel. |  |  |
| :---: | :---: | :---: |
| Height | Per Doz. | Height Per Doz. |
| 30 -inch. | \$4.00 | 48-inch. . . . . . S6.09 |
| 36 -inch. | 4.50 | 54-inch. . . . . . 6.50 |
| 42-inch. | . . 5.00 | 60-inch....... 7.75 |

## CAPE FLOWERS.



## 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 15 c per set; sample mailed free if desired.
1 to 24 feet..........per ft. $22 \mathrm{c} \mid 25$ to 49 feet.........per ft . $21 \mathrm{c} \mid 50$ to 99 feet.......per ft. $20 \mathrm{c} \mid 100$ to $400 \mathrm{feet....}$. . per ft . 19 c In bales of $500 \mathrm{ft} ., 18 \mathrm{cft}$.

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

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

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

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

## PERFECT CLINCHING HOSE <br> COUPLER. <br> $3 / 4$-inch. Per pair, 25c; per doz., $\$ 2.50$. <br> PERFECT CLINCHING HOSE MENDER. <br> 

Each....................15c; doz., \$1.00.
HOSE MENDERS, Iron.-3/4-in. Each, 7c; doz.,70c; gross, \$7.25. HOSE MENDER, The Cooper. It is simple,
practical and effective. It does not reduce the
diameter of the hose. It will not rust or wear out. It can be used as many times as desired.
You need no wires, pliers or mechanical skill to adjust them.
Price: For $1 / 2$ or $3 / 4$ inch hose, each, 10c; 4 for 35 c ; doz., 90 c.
1-inch hose, each, 12c.; doz., \$1.15.
HOSE STRAPS, Caldwell. For $1 / 2,3 / 4$ and 1 in. hose. Doz., 35c; gross, \$3.25.
HOSE WASHERS. $3 / 4$-inch. Doz., 5c; gross, 50c.


## HOSE NOZZLES.

"Chicago"-Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each $33 / 4$ inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, $\$ 3.00$.
Boston Rose Spray Nozzle-Brass. $3 / 4$-inch hose. State whether coarse or fine spray is wanted. Each, $\$ 1.40$; by mail, $\$ 1.50$.
Bordeaux Spray Nozzle-For spraying insecticides and whitewashing. $1 / 2$-in. hose. Each, 90 c; by mail, 95 c.
 Vermorel Spray Nozzle-For spraying insecticides and whitewashing. For $1 / 2$-inch hose. Each, 90 c ; by mail, 95 c .
 Each, 75 c .

## Reeds and Raffia



RAFFIA. Natural, Best Grade, f. o. b. Chicago. Li.., 45c; $5-\mathrm{lb}$. lots, per lb., $42 \mathrm{c} ; 10 \mathrm{lb}$. lots, per $1 \mathrm{~b} ., 40 \mathrm{c} ; 100 \mathrm{lb}$., $\$ 32.00$. Bale lots (about 225 lbs ), per 100 lbs ., $\$ 28.00$.
Dyed-Old gold, pink, purple, emerald green, dark red, bright red black, navy blue, orange. Per lb., 85 c ; 5 lbs. at 80 c ; 10 lbs . at $78 \mathrm{c} ; 25 \mathrm{lb}$. at 75 c . Samples on application.

## Florists' Knives

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


No. 5 A
Budding, No. 5A. Black handle; brass lined.
Each 3 for
Budding, Beech Handle. Per doz., $\$ 4.00$


No. 109
Budding, Ivory Handle, No. 109.
$\$ 3.00 \quad \$ 8.50$
Potato Knife, Stationary blade, beech handle, right
or left handed. Per doz., $\$ 2.50$.
. 30

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

> Vaughan's Florist (Henckel Brand)
Vaughan's Florist-3 for $\$ 4.00 ; 12$ for $\$ 14.00$. ..... Each
$\$ 1.50$
Propagating, No. 1545, White handle with nickel silver shackle for attaching to chain. 3 for $\$ 3.50$. . ..... 1.25
Asparagus-American straight cut ..... 45
American Fishtail .....  50
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727 W ..... 2.00
Vaughan's English No. 107-Heavy Prop., Ivory Handle with Brass Caps. ..... 3.50
Imported Nurseryman's Extra Heavy Pruner, No. 3C. . ..... 2.25
Imported strong, No. 2C ..... 2.00
Putty Knife-No. 120, a very good tool; 3 for $\$ 1.00$. .....  35
Pruning, Stag handle. ..... 2.50


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


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


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

## Greenhouse and <br> THERMOMETERS (Can be sent by mail at a small extra charge for packing.) 8 -in., ordinary grade tin case thermoteter, black lithographed scale, red permacolor tubes, each, 35 c ; doz., \$2.75. <br> Tin Case. Standard grade (tested). 8in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, $\$ 1.50 ; 3$ for $\$ 4.25$. <br> Cabinet. Wood case; metal face. 8 -in. cabinet thermometer, black oxidized metal scale mounted on wood back, easy reading red permacolor tubes, each, 75 c ; 3 for $\$ 2.00$. <br> Self-Registering. With magnet. 10 -in., Maximum and Minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, $\$ 5.50$. <br> 

Minimum. For registering cold during absence and showing present temperature. $10-\mathrm{in}$., guaranteed accurate, each, $\$ 2.25$.
Hotbed (Mushrooms). Brass point, wood frame. 18-in., Hot Bed or soil thermometer, guaranteed accurate, each, $\$ 2.7 \overline{5}$.
SASH, Hotbed. Unglazed, $3 \times 6 \mathrm{ft}$., for 3 rows, 10 -inch single glass, each, $\$ 3.10 .3$ for $\$ 9.00$; doz., $\$ 34.80$. Glazed, single strength, each $\$ 6.40$ doz., $\$ 73.20$.
For 38 in. x 6 ft., for 4 rows, 8 -inch single glass, unglazed, each, $\$ 3.45 ; 3$ for $\$ 10.00$; doz., $\$ 38.60$. Glazed, each, $\$ 6.75$; doz., $\$ 78.00$.
Our sash are made of clear air-dried Cypress. Unglazed sash are not painted. Glazed sash are painted one coat.
Add 95c per sash for double-strength glass.
Above prices subject to market fluctuation.
CELLO GLASS Will take the place of glass in hotbed sash, unbreakable and very light in weight, put up in rolls 3 ft . wide up to 100 ft . long. Price per $25-\mathrm{ft}$. roll, $\$ 12.75 ; 100-\mathrm{ft}$. roll, $\$ 46.50$.
SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $1 / 8$ to $1 / 2$ inch. Each, $\$ 2.50$.

## Garden Supplies

PLANT BED CLOTH. A substantial substitute for glass, being light, can be easily and safely shipped.
Medium. 20 yds and up, per yd., 21c; 60 yds . and up, yd., 19c. Heavy. 20 yds. and up, per yd.,30c; 60 yds. and up, yd., 28 c . We do not sell less than 20 yds. of a kind; comes in 40 - and 60 -yd. lengths. Samples on application.

MILO WATERPROOF HOTBED
MATS. A combination of heargweight cemented burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, pro:ff against frost, repellent to rats and mice, easy to handle, wears for years. Size, $40 \times 78$ inches. Each, 82.25 ; doz., \$22.50. Size, $76 \times 76$ inches, each $\$ 1.00$; doz., $\$ 10.00$.

Write us for prices in continuous lengths.
MATS. Imported Hotbed. Superior to straw mats; very durable; size $76 \times 76$ inches. Each $\$ 2.65 ; 3$ for $\$ 7.50$; doz. $\$ 27.00$.

## SYRINGES

## English Brass.

Each
No. 0. Length, $121 / 2$ in.; $15-16$ in. in diam. . . . . . . . . . . . . $\$ 2.50$
No. D. $151 / 2$ in. long, $11 / 2$ in. in diam...
4.50

No. 5. Best for general greenhouse use.
7.00

No. 12. 14 in. long, 1 in. in diam.
400
No. 11. 18 in. long; 1 stream, 2 sprays.
6.00

## 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 inclies high, with $21 / 2-$ inch tread; the axle is 15
 inches wide. The barrow is 20 inches wide over all, and is mate of the best material. Legs reinforced. Price, each, 89.25.

## Glazing Tools, Materials and Paints

ALL THE BEST MATERIALS FOR GREENHOUSE USE
 Price, per gal., $\$ 2.60 ; 5$ gals., $\$ 12.50 ; 10$ gals., $\$ 24.00$.

## MASTICA MACHINE-Each, $\$ 3.25$.

VAUGHAN'S GREENHOUSE BULBING CEMENT.
A pure asphalt glazing compound for greenhouse use. Will not crack or run, and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 -gal., drums at $\$ 1.00$ a gal.; 10 and 5 -gal., drums at $\$ 1.25$ a gal.; one gallon can,
\$1.50.
GLAZING GUN
Gratis with 40


Each $\$ 8.00$
or $60-\mathrm{gal}$. drum of glazing cement.
GLAZING PUTTY, Twemlow's Old English
Five gallons will glaze a house $100 \times 20$ feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., $\$ 2.95 ; 5$ gals., $\$ 1425$; 10 gals., $\$ 28.00$.
PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid
putty in glazing greenhouses. Each, $\$ 1.50 ; 3$ for $\$ 4.25$; doz., $\$ 14.00$; in three doz. lots, doz., $\$ 13.00$; in six doz. lots, doz., $\$ 12.50$. If by mail (weight under 1 lb.).
GLAZING POINTS, Vaughan's Perfection-No rights or lefts No. 2. For large single thick glas No. 21/2. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60 c ; in lots of 5 lbs., 55 c per lb.; No. $21 / 2$ per lb. (about 800 ), 60c; 5 lbs. at 55 c per lb .
Write for prices in larger quantities.
SIEBERT'S IMPROVED
Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, $5 / 8$ and $7 / 8$-inch long, put up in 1 pound packages. Over 1,500

points in $1-\mathrm{lb}$. pkg. of $5 / 8$; over 1,000 points in $1-\mathrm{lb}$. pkg. of 78 . Price: Per lb., 55 c ; 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, \$4.75.
RFD DEVIL GLASS CUTTER. Doz., $\$ 2.00$; each, 20c.
PUTTY KNIFE. No. 120. A very good tool. Each, $35 \mathrm{c} ; 3$ for $\$ 1.00$. PAINT, Vaughan's Greenhouse White
This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., $\$ 3.60 ; 5$ gals., $\$ 1625 ; 1 / 2 \mathrm{bbl}$., at $\$ 2.95 \mathrm{gal}$.

# Stakes, Pots and Tubs 

## PLANT STAKES-A Full Line

## CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per $100, \$ 1.60 ; 500$ for $\$ 6.00$; per $1000, \$ 10.00$. (If shipped from New York, per 100, $\$ 1.85 ; 500$ for $\$ 7.25$; per $1,000, \$ 12.50$.) 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 1,000 . Price (if shipped from Chicago), per $100, \$ 2.40 ; 500$ for $\$ 9.50 ; 1000, \$ 16.50$. (If shipped from New York, per 100, $\$ 2.65$; per $500, \$ 10.00$; per $1000, \$ 18.00$.)
Japanese Bamboo Stakes, Plain and Green Painted.

Pipe Stems, 4 to 6 ft . long, weight, per $1,000,54 \mathrm{lbs}$. F. O. B. Chicago, 100 for $\$ 1.00 ; 500, \$ 4.00 ; 1000, \$ 7.25$.
Heavy Chinese Tonkin Stakes, Natural Color. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.


Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.
No. of Gauge, No. 9 Wire $100 \quad 1000$ No. 8 Wire


CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They ncver slip and are a great saving in time and money. Price, $\$ 2.25$ per 1,000 . Samples mailed free.
GRAFTING WAX. Per $1 / 4-\mathrm{lb}$. bar, 20 c ; $1 / 2-\mathrm{lb}$. bar, 30c; 1 II b., 50 c .


## SOD CRUSHERS

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

## FLOWER TUBS. "Richmond Style."

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

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

Tद्ध Prices on pots subject to change without notice
 IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Per 1000, Per 1000, Original Gross wt.

| Size, inch | Per $100$ | f. o. b. <br> New York | f. o. b. Chicago | crates hold | of 1000 pots about |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $21 / 4$. | . 80.55 | \$ 4.00 | \$ 4.10 . | .1,000. | 12 lbs |
| $21 / 2$. | . 60 | 4.45 | 4.65 | 1,000. | 17 lbs . |
| 3 | 1.00 | 5.60 | 5.85 | 1,000. | 23 lbs. |
| $31 / 2$ | 1.10 | 7.35 | 7.65. | 1,000. | 35 lbs. |
| 4 | 1.20 | 8.85 | 9.35 | 500. | 46 lbs . |
| 5 | 1.85 | 13.70 | 14.45 | 500. | 80 lbs . |
| 6 | 2.40 | 18.00 | 19.00 | 500. | 110 lbs . |

FLOWER POTS, Standard Red
F. O. B. Chicago.

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


| 4 |  | No. of Pots | Per |  | No. of Pots | Per |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | in crate | 100 |  | in crate | 100 |
|  | 6 inch | 117. | \$6.60 | 9 inch | 28. | \$21.75 |
| $\cdots$ | 7 inch. | 99 | 10.90 | 10 inch. | 24 | 29.00 |
| $\cdots$ | 8 inch | 50. | 15.20 | 12 inch. | 6. | . 58.00 |

BULB PANS

$\begin{array}{rr}\text { Doz. } & \text { Per } 100 \\ 8 \text { inch... } \$ 2.25 & \$ 15.20 \\ 10 \text { inch } & 3.85\end{array}$
7 inch.... $1.70 \quad 10.90$
THE LITTLE WONDER NO-DRIP HANG-
ING BASKET. A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and nodrip feature of this basket make it an ideal basket for either porch or inside use.


Success Self-Watering Flower Boxes
SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized shect steel, lock seamed and soldered watertight.
Outside dimensions of Window Bores, Model A

| Length | Width | Depth | Price |
| :---: | :---: | :---: | :---: |
| 24 inch | $81 / 2 \mathrm{inch}$ | 61/4 inch | \$1.65 |
| 30 inch | $81 / 2$ inch | 61/4 inch | 2.10 |
| 36 inch | $81 / 2 \mathrm{inch}$ | 61/4 inch | 2.85 |
| 42 inch | $81 / 2 \mathrm{inch}$ | 61/4 inch | 3.50 |

Packed six of a size in a crat
$10 \%$ discount in crate lots.

## WATERING POTS, American.

Heavy galvanized round can,
2 copper-faced roses, long sprouts. $4-q \mathrm{t}$.,
$\$ 4.35$; 6-qt. $\$ 4.75$; 8 -qt., $\$ 4.95$; $10-\mathrm{qt}$., $\$ 5.35$; 12 -qt., $\$ 5.85$.
French Style. Oval, otherwise the same
make as above. $6-q \mathrm{t} .$, , $\$ 5.20 ; 8-q \mathrm{t}$., $\$ 5.50$;
10 -qt., $\$ 5.95$; 12 -qt., $\$ 6.65$.

# Sprayers, Blowers and Sprinklers 

tandard Spray Pump. This Armstrong Standard Spray Pump pump is bucket, barrel or knapsack pump, as desired. Price, $\$ 5.00$. With knapsack and curved extension, \$9.25.
Auto Spray. Eight to ten strokes, compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray. Price, including extension rod: Galvanized iron reservoir, with Auto Pop, $\$ 6.50$; solid copper reservoir, with Auto Pop, \$9.00. Brass Extension Rod, in $2-\mathrm{ft}$. lengths,
 each, 50 c.


The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dust s truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficicnt regulator for discharge control. It is considered the standard of efficiency by all authorities. Price $\$ 18.00$.
Write for leaflet of the American Beauty Dust Sprayer.
See page 25 for Insecticide Nozzles
POWDER GUNS. The best dry powder guns for
blowing powder on plants and insects.
Cyclone. Each, 20c. Jumbo, each, 45 c .
SCOLLAY'S FAMOUS FLORISTS' SPRINKLER
We are General Western Agents
None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market.
Large size, plain top, No. 1, 6 in. high, cach $\$ 1.35$;


Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, $\$ 7.00$.
The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickeled iron; construction simple. Each, \$2.75.
Prefection 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, Paints, In-

secticides.
Two styles.
Galv'zed steel, $\$ 6.50$;
 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 cffort. 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, $\$ 22.50$. Shipping weight, 80 lbs.
Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Each, $\$ 14.00$.

## DUSTER-Leggett's Little Giant.

The best dry powder gun; can dust two rows at a time. Each, $\$ 10.00$.


POWDER BELLOWS. For dusting with sulphur or like material. Made of hardwood with best calfskin, receivers in polished zinc with large opening for powder. 17 -in., each, $\$ 1.85$; 21 -in.,


Peerless Sulphur Blower. The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A $200-\mathrm{ft}$. greenhouse can be easily powdered in 5 min. with this machine. Each, $\$ 800$.


Tye Shape

## HYACINTH GLASSES

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

## Trowels, Lawn and Pruning Tools

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

? California Pole Trimmer Curved, draw-cut saw with crook for removing branches. Each, $\$ 2.35$.
Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, $\$ 1.85$.
SHEARS, Pruning. 6-in., $\$ 1.50 ; 9$-in., $\$ 1.75$. Extra springs, ea., 15 c. Levin's Improved. Each, 85c.
Henckel Twin Brand Imported Pruning Shears, with ratchct, $71 / 2-\mathrm{inch}$. Each, $\$ 2.75$; $81 / 2$-inch, each, $\$ 3.25 ; 91 / 2^{-}$ inch, each, $\$ 3.75$.
Henckel. Calif.pattern, with brass spring. Each, $\$ 3.50$.


Clyde Draw-Cut Pruner. 24 -in. handle, $\$ 3.50$.
SICKLE. Grass Hook. (English, Riveted Back.) Each, 85 c.
Domestic Knuckle Saver. Each, 85c.
TREE PRUNERS. Waters' 6 ft., $\$ 1.65 ; 8 \mathrm{ft}$., $\$ 1.85 ; 10 \mathrm{ft} ., \$ 2.00$; 12 ft ., $\$ 2.25$. Extra blades, each, 25 c .
No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Ea., \$6.00. TROWELS. Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 95 c ; 3 for $\$ 2.75 ; 6$ for $\$ 4.50 ; 12$ for $\$ 8.50$.
FLORISTS' SNIPS (Especially suitable for cutting
wire, etc.) Each, \$1.25; 3
for $\$ 3.50$.


Improved Dental Snips. For cutting annealed wire, ribbons, chiffons,

# . <br> Insecticides containing poison cannot be sent by mail 



BLACK LEAF. $40 \%$ oz. bottles, doz., $\$ 2.67$; carton of $24, \$ 5.30 ; 1 / 2 \mathrm{lb}$. cans, each $\$ 1.25$; 6 for $\$ 6.00 ; 2$ lbs., $\$ 3.25$; 10 lbs., $\$ 11.85$.
CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents.
5 lbs., $\$ 3.00 ; 25$ lbs., $\$ 10.00 ; 100$ lbs., $\$ 30.00$ Write for leaflet.

NICO-FUME LIQUID.
For fumigating or spraying, contains $40 \%$ nicotine, $1 / 4 \mathrm{lb}$., $75 \mathrm{c} ; 1 \mathrm{lb} ., \$ 2.00 ; 4 \mathrm{lbs} ., \$ 6.25 ; 8$ lbs., $\$ 11.50$. "NICO-FUME." A tobacco Paper for Fumigating. Price, 24 sheets, $\$ 1.25 ; 144$ sheets, $\$ 5.00 ; 288$ sheets, $\$ 8.75$. Prices subject to change.
LEMON OIL. Destroys mealy bug, scale, red spider. $1 / 2$ pt., 40 c ; pt., 65 c ; qt., $\$ 1.00$; $1 / 2$ gal., $\$ 1.75 ;$ gal., $\$ 3.00 ; 5$ gals., $\$ 12.00$.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings and disinfection of seed bed soil. Prices, 2 oz., $50 \mathrm{c} ; 1 \mathrm{lb}$., $\$ 2.75$; 5 lbs., $\$ 13.00$; 25 lbs., $\$ 56.25$; 100 lbs., $\$ 220.00$. Write for leaflets stating for what purpose desired.
HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe.

NIKOTEEN. $30 \%$. $1 / 2$ pt., $\$ 1.10$; pt., $\$ 2.00 ; 3$ pts., $\$ 5.75$. Per original case, 10 pts., $\$ 18.00$.
NIKOTEEN. $40 \% .4 \mathrm{lbs} ., \$ 7.00 ; 8 \mathrm{lbs} ., \$ 13.00$.
NICO FUME FUMIGATING POWDER. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. $1-\mathrm{lb}$. tin, $\$ 1.00 ; 5 \mathrm{lbs}$. for $\$ 3.75 ; 10-\mathrm{lb}$. $\operatorname{tin}, \$ 6.85$
APHINE. 1 pt., 65 c ; 1 qt., $\$ 1.00 ; 1$ gal., $\$ 3.00$.
BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb . will make 5 gallons liquid. Lb., 40 c ; doz., $\$ 4.00$; 5 lbs., $\$ 1.50 ; 25-\mathrm{lb}$. kegs, $\$ 5.25$.
EVERGREEN. Non-poisonous Insecticide. oz, bottles, doz., \$2.70; 6 oz . bottle, $\$ 1.00$; 16 oz . bottle, $\$ 2.00$; 32 oz . bottle, $\$ 3.85$; gal. bottle, $\$ 13.00$. 5 gal, drum, $\$ 50.00$.
FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., $\$ 1.25$
FLOWERS OF SULPHUR. Lb., 12c; 10 lbs., $\$ 1.00 ; 50 \mathrm{lbs} ., \$ 3.50$; 100 lbs., $\$ 6.00$.
FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. Pt., 65c; 1 qt., $\$ 1.25$; I gal., $\$ 3.00$.
GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. $5 \mathrm{lbs} ., 95 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 1.80$.
SCALECIDE. An old preparation for San Jose scale. Use 1 gal. to to 15 gals. of water. Qt., 75 c ; gal., $\$ 1.75 ; 5 \mathrm{gal} ., \$ 6.25$; 10 gals., $\$ 10.60$. Write for price in barrel lots.
SNAROL. An insecticide bait to combat snails, cutworms, sow bugs and grasshoppers. Price, $1 \mathrm{lb} ., 50 \mathrm{c} ; 3$ lbs., $\$ 1.00$; 15 lbs ., $\$ 3.75$.

Per $1 / 4.1 \mathrm{lb} ., 20 \mathrm{c} ; 1 / 2 \mathrm{lb} ., 35 \mathrm{c} ; 1 \mathrm{lb} ., 60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.75 ; 10 \mathrm{lbs} ., \$ 5.00$.
TABACCO POWDER (Wondergrowth). A fumigant and fertilizer. 25 lbs., $\$ 1.75$; 100 lbs. $\$ 5.00$.
TOBACCO DUST (Regular Grade). $5 \mathrm{lbs} ., 40 \mathrm{c} ; 10 \mathrm{lbs} ., 75 \mathrm{c}$; 100 lbs., $\$ 4.00$.
TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply. 100 lbs ., $\$ 2.50 ; 500$ lbs., $\$ 9.50$; 1,000 lbs., $\$ 18.00$.
SLUG SHOT, Hammond's. Price, $1 \mathrm{lb} ., 20 \mathrm{c} ; 5 \mathrm{lb}$. package, 60 c 25 to 50 lbs ., at 10 c lb . Per keg 125 lbs ., $\$ 12.00$; barrel, 250 lbs . in bulk, $\$ 23.00$. Slug Shot Duster. Large size, 60 c .
SULPHO-TOBACCO SOAP. One of the best remedies for greenfly on roses. Per $1 / 2-1 \mathrm{~b}$. box, 25 c ; by mail, 30c. Doz., $\$ 2.50$; 3-oz. package, each, 15 c ; doz., $\$ 1.25$.
THRIP JUICE. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75 c ; qt., \$1.10; gal., \$3.25.
VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, 65 c ; qt., $\$ 1.00$; gal., \$3.00.
VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrip. Pint, 75 c ; qt., $\$ 1.00$; gal., $\$ 3.00$; 5 gal ., $\$ 12.00$.
WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc., for inside and outside spraying. Price, per quart, $\$ 1.00$; gallon, $\$ 3.00$; 5 -gallon can, \$12.00

## Vaughan's High-Grade Fertilizers <br> NOTE-These prices are f. o. b. Chicago

ADCO. For making your own artificial stable manure. Price, 25 lbs., $\$ 2.25 ; 150 \mathrm{lbs}$., $\$ 10.50$. Write for leaflet.
VEX, Automatic Fertilizer. Makes it possible for you to fertilize your lawn as you sprinkle. A brass cylinder 12 inches long and 3 inches in diameter, with two hose connections, one for water to enter from the faucet, the other for the water to pass through your lawn hose. Into this cylinder slips a cartridge of lawn Vex food $100 \%$ plant food $46 \%$ in nitrogen, Each, $\$ 7.50$; in lots of three, each $\$ 5.00$; cartridge, $\$ 2.00$; each in lots of three, $\$ 1.50$. Write for booklet.
SUPERPHOSPHATE, 20\% available. $100 \mathrm{lbs} ., \$ 2.50 ; 500 \mathrm{lbs}$., $\$ 9.75$; 1,000 lbs., $\$ 17.75 ; 2,000$ lbs., $\$ 35.00$.
BONE MEAL, Vaughan's Rose Grower and Superphosphate. We have built an enormoustrade with this brand with our florist customers. The bone has been steamed so that it is much quicker in action than the untreated stock. Analysis-Ammonia, 41/2\%; total phosphoric acid, $22 \%$; total bone phosphate, $48 \%$. Price, $5 \mathrm{lbs} ., 45 \mathrm{c} ; 10 \mathrm{lbs} ., 85 \mathrm{c} ; 25 \mathrm{lbs} ., \$ 1.50$; 50 lbs ., $\$ 2.20$; 100 lbs ., $\$ 3.60 ; 500$ lbs., $\$ 15.70 ; 1,000 \mathrm{lbs} ., \$ 29.00 ; 2,000 \mathrm{lbs}$., $\$ 57.00$.
BONE MEAL. Regular or Standard Grade. Not steam treated. Price, 25 lbs., $\$ 1.40 ; 50$ lbs., $\$ 2.00 ; 100$ lbs., $\$ 3.50 ; 250$ lbs., $\$ 8.30$; $500 \mathrm{lbs} ., \$ 15.25 ; 1,000 \mathrm{lbs} ., \$ 28.25 ; 2,000 \mathrm{lbs}$., $\$ 55.00$.
BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Price, 25 lbs., $\$ 1.65$; 50 lbs ., $\$ 2.50$; 100 lbs ., $\$ 3.95$; 500 lbs ., $\$ 17.50$; $1,000 \mathrm{lbs} ., \$ 33.00 ; 2,000 \mathrm{lbs} ., \$ 65.00$.
BONE, BLOOD AND POTASH. Fertilizer Mixture (analysis $5-8-7 \%$ ). Can be applied as a liquid manure, using 8 -inch potful to barrel of water. Price, 25 lbs., $\$ 1.45$; 50 lbs., $\$ 2.25$; 100 lbs ., $\$ 3.50 ; 500 \mathrm{lbs}$., $\$ 14.85$.

DRIED BLOOD. Price, $5 \mathrm{lbs} ., 75 \mathrm{c} ; 10 \mathrm{lbs}$., $\$ 1.35 ; 25 \mathrm{lbs} ., \$ 2.25$ $50 \mathrm{lbs} ., \$ 3.95 ; 100 \mathrm{lbs} ., \$ 7.00 ; 250 \mathrm{lbs}$., $\$ 16.25$; 500 lbs ., $\$ 31.25$ LOMA. Price, $5-\mathrm{lb}$. carton, 12 in a case, per case, $\$ 5.04 ; 10-\mathrm{lb}$. bags, paper lined packed, 10 in a jute sack, per sack, $\$ 7.00 ; 25-\mathrm{lb}$. bags, 4 in a sack, per sack, $\$ 5.60 ; 50-\mathrm{lb}$. bags, 2 bags to a sack, per sack, $\$ 4.90 ; 100-\mathrm{lb}$. bags, $\$ 4.20$.
NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manure, but the cheapest and best form in which to apply Nitrogen to plants. Price, 10 lbs ., $90 \mathrm{c} ; 25 \mathrm{lbs} ., \$ 1.85 ; 100 \mathrm{lbs}$., $\$ 5.15 ; 500 \mathrm{lbs} ., \$ 23.50 ; 1,000 \mathrm{lbs} ., \$ 43.00 ; 2,000 \mathrm{lbs} ., \$ 85.00$
SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground, put up in 100-pound sacks. Price, 25 lbs., $\$ 1.15 ; 50$ libs., $\$ 1.65$; $100 \mathrm{lbs} ., \$ 2.65$; $500 \mathrm{lbs} ., \$ 10.00$; $1,000 \mathrm{lbs} ., \$ 17.00$; 2,000 lbs., $\$ 33.00$.
FLORANID UREA. A highly concentrated fertilizer, containing $46 \%$ available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees. 92 times stronger than manure. Price, lb. can, $65 \mathrm{c} ; 50 \mathrm{lbs}$. for $\$ 8.25$. Write us for prices on larger quantities.
CATTLE MANURE, Shredded. High grade natural fertilizer. Price, 100 lbs ., $\$ 2.65 ; 500 \mathrm{lbs}$., $\$ 10.00 ; 1,000 \mathrm{lbs} ., \$ 17.00 ; 2,000 \mathrm{lbs}$., $\$ 33.00$.
VAUGHAN'S LAWN AND GARDEN FERTILIZER 6-8-6, Does the work of twenty times its weight of farmyard manure. and does it better, more quickly and cheaper and lasts longer. Sterilized. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, 25 lbs ., $\$ 1.65 ; 50 \mathrm{lbs}$., $\$ 2.65$; 100 lbs ., $\$ 4.50 ; 500 \mathrm{lbs}$., $\$ 20.00$; $1,000 \mathrm{lbs}$., $\$ 39.00 ; 2,000 \mathrm{lbs}$., $\$ 76.00$.
CLAY'S FERTILIZER. Imported. Price, 28 lbs., $\$ 3.75$; 56 lbs., $\$ 6.75$; 112 lbs., $\$ 12.25$.
SCOTCH SOOT (Genuine Imported). Price, $25 \mathrm{lbs} ., \$ 1.85$; 50 lbs., $\$ 3.15$; 100 lbs., $\$ 6.25$.
HORN SHAVINGS. Quick acting and lasting. Price $5 \mathrm{Ibs} ., 85 \mathrm{c}$; 10 lbs., $\$ 1.45 ; 25$ lbs., $\$ 2.35 ; 50 \mathrm{lbs}$., $\$ 4.15 ; 100 \mathrm{lbs}$., $\$ 6.95$.
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. Prices subject to market fluctuations.

# Labels, Paper, and Pot Covers 



PEERLESS PLANT STAKES. Non-rusting, made of copper, bearing galvanized metal, no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake, merely take the first one you come to and change the card. This is very quickly and easily done

|  | Doz. | 25 | 50 | 100 |
| :---: | :---: | :---: | :---: | :---: |
| 12-in., | \$1.50 | \$3.00 | \$5.00 | \$ 8.50 |
| 18-in., | 1.95 | 3.90 | 5.75 | 10.00 |

LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat. Per 1,000

Wooden, 4-in., plain, $10,000, \$ 12.50$.
\$1.35


LABELS (Tree).
Wooden, $31 / 2$ in. iron wired. . . . . . .per 1,000 . $31 / 2$ in. copper wired......per 1,000
COPPER LABELS. Wired, indestructible. Per 100, $\$ 1.60$; larger size, per 100, $\$ 2.25$.
CYPRESS LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of $3 / 8$-inch timber. Paint with white lead before using, and write before paint dries.
Length, 16 inches. .per 100, \$4.25

## 18 inches.

5.00

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 $100, \$ 1.60$.
PLANT MARKERS. Cadmium plated having four times the rust resistant as galvanizing. 3 -inch label on 12 -inch stake per 100 , $\$ 3.25$; 3-inch label on 18 -inch stake per $100, \$ 4.00$; etching ink and stylus included.

## Prices on Paper subject to Market changes.

American Beauty Tissue. $24 \times 36$ inches, f. o. b. New York, ream ( 480 sheets), $\$ 1.60 ; 10$ reams ( 4800 sheets), $\$ 14.50$; f.o.b. Chicago, ream ( 400 sheets), $\$ 1.35 ; 10$ reams ( 4000 sheets) $\$ 11.50$.
Florists' 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, $\$ 8.40 ; 480$ sheets, $\$ 1.80$.
White Wax. Medium, $24 \times 36$ inches; f.o.b. Chicago, 400 sheets, $\$ 2.00$; f.o.b. New York, 480 sheets, $\$ 2.50$.
Green Wax. Beautiful shade light green, $24 \times 36$ in., f.o.b. Chicago, 400 sheets, $\$ 2.25$; f.o.b. New York, 480 sheets, $\$ 2.70$.
Green Wax Paper. 3-inch rolls; a time-saver and no waste; 12 lbs. to a box. Per box of 12 rolls, $\$ 2.50$.


Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 40 c ; per doz., $\$ 4.00$; per 100 rolls, $\$ 26.50$.
Florists' Watermarked Wrapping Paper. "Say it with Flowers" combining two essentials, Paper and Publicity. Made in two colors, bleached white and cloud green. Rolls, sizes 24 in., 30 in , 36 in. wide. Price per lb., 15c. Write for prices in larger quantities.
Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 9 c .
PENCILS, Weatherproof. For marking labels. Each, 10c; doz., $\$ 1.00$.
PORTO RICO MATS. These artistic mats used for decorating all blooming plants. Assorted colors, plain and two-tone, per doz., $\$ 1.75$; per 100 , $\$ 8.00$; 500 for $\$ 35.00$.


BIRDS' FLOWER POT COVER. Waterproof, beautiful in color and artistic
in design, harmonize with the color in all plants, special design for Mothers' day and Easter, write for booklet


|  | Per |  | Packd 250 of a design |  | Per |
| :---: | ---: | :---: | ---: | :---: | :---: |
| Size | 100 | Weight per case | 1000 |  |  |
| 4-inch | $\$ 2.50$ | 18 lbs. | $\$ 22.00$ |  |  |
| 5-inch | 3.00 | 24 lbs | 24.75 |  |  |
| 6-inch | 3.50 | 27 lbs. | 29.75 |  |  |
| 7-inch | 4.75 | 39 lbs. | 39.75 |  |  |

Specify size and design when ordering.
POT COVERS, Crepe Paper. Rubber bands running through them for adjustment on pot; are without bottom. Doz. 100 No. 1-To cover 5 or 6 -in. pot. . . . . . . . . . . . . . . $\$ 0.85$
No. 2-To cover 6 or 7 -in. pot. . . . . . . . . . . . . . . 1.00
No. 3-To cover 8 or 9 -in. pot 1.35 9.00

No. 4-To cover 10 -in. pot....................... . . . 1.50
11.00


Diameter

VASE. Green Earthenware Cemetery. A strong and ornamental vase, that keeps its color. Each, 35c; per dozen, $\$ 3.20 ; 3$ dozen for $\$ 9.00$.
Tin, Green Painted, with spike. Each, 20c; doz. $\$ 1.80$; 3 doz. for $\$ 4.50$.


Galv. Vase
Price

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

$$
\begin{array}{c|cc}
\text { Price } & \text { Diameter } & \text { Ht. Per Do }
\end{array}
$$ Syle Top Bot. $25343 / 4 n .3^{1 / 2}$ in. $\begin{array}{ll}255 & 61 / 2 \text { in. } 51 / 4 \mathrm{in} . \\ 257 & 61 / 2 \mathrm{in} . \\ 51 / 4 \mathrm{in} .\end{array}$ $\begin{array}{rll}257 & 61 / 2 \text { in. } & 51 / 4 \mathrm{in} . \\ 57 & 5 & \text { in. } \\ 59 & 31 / 2 \mathrm{in} . \\ 59 & 61 / 2 \mathrm{in.} & 51 / 2 \mathrm{in} .\end{array}$ $57 \quad 5$ in. $31 / 2 \mathrm{in} .5 \mathrm{in}$.

$59 \quad 61 / 2$ in. $51 / 2$ in. $7 \mathrm{in}$.
Suction Flower Holders.
square wire mesh dome square wire mesh dome, finished in grecn-bronze with rubber
vacuum cup in bottom which prevents tilting over when longstem flowers are used. No florist should be without these wonderful sellers.

## SUCTION FLOWER

## HOLDERS

Diameter Per Doz. 3 inch........... . $\$ 3.00$ 4 inch........... . 4.00 5 inch........... 5.00


The New Ideal Handle for Flower Pots and Boxes. Grips rim like vise. Adjustable to any size pot. Remains permanently attached. Beautiful 2-tone gold finish. Four strands reed woven over strong wire. Two-toned gold finish over standard assorted colors. Per doz., $\$ 2.75 ; 100, \$ 20.00$. Packed in boxes of 25 each; 100 price allowed on one or more boxes. Three sizes, small, medium and large. Five plain colors, green, pink, blue. red and yellow. Also 2 -tone gold finish, using above colors as a basc.

# Wreath and Bouquet Materials 

MATCH-STICKS. Either natural wood or dyed green. Natural 5-inch, $70 \mathrm{c} ; 12$-inch, $\$ 1.65 ; 18$-inch, $\$ 2.50$
$\quad$ per 1000 Dyed green 5 -inch, 80 c ; 12 -inch,
$\$ 1.85 ; 18$-inch, $\$ 2.75$ per 1000.

GREEN WIRED MATCH-STICKS. 4 -inch box of $4,5(0), \$ 3.25 ; 6$-in. bo x of $3,000, \$ 2.50$.
TOOTH PICKS. Wired. A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, $\$ 2.75$ per box : case of 50,000, $\$ 11.75$

WIRE. (Prices subject to change.) Bright Annealed.

Per lb. 6 lbs .12 lbs
No. 18. . $\$ 0.25 . . \$ 0.75 . . \$ 1.10$
No. 20.. .25.. .85.. 1.25
No. 22.. .30.. 1.00.. 1.35
No. 24.. .35.. 1.15.. 1.60
No. 26.. .35. . 1.30.. 1.75
No. 28.. .40.. 1.40.. 2.00
No. 36.. .70.. 2.50.. 3.25
FLORISTS' CUT WIRE. Clcan,
extra soft white wire, cut in 12 or
18 -inch lengths, 12 lbs. to box.
No.
$18 \quad 20$

Price.
$\$ 1.35 \quad \$ 1.50$


TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in 5 -lb. sacks. Price, $\$ 2.25$. Wrise for prices in larger quantities.
Polished Cotton. No. 228, for parcels. Per 1b., 55c.
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, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, $\$ 2.25$ : FF, Medium, 2-oz. spools, 1 lb . in box, 8 spools, $\$ 2.25$; F, Fine, 2 -oz. spools, 1 lb. in box, 8 spools, $\$ 2.25$.
Florists' Thread, Green. Similar to Silkalinc. Samples on application. 8 spools to a box. Perlb. box, $\$ 1.35$; 10 boxes at $\$ 1.25$ per box; 25 boxes at $\$ 1.10$ per box.
Green Sea Island Twine. Used for wrapping small packages-also for spray and design work. Putup in balls. 1 lb . box, 75 c . 5 boxes at 70c per box.


## Ribbons and Chiffons

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



Nu Idea Fibre

Nu Idea Silk Fibre Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes int all colors. Price per spool, $\$ 1.15$. Box of 20 spools at $\$ 1.00$ spool.
Plain Edge Metaline Shower Ribbon No. 2. 50-yard spool, \$1.00.
Pecot Edge Metaline Shower Ribbon. Something new and very rich looking. Price per reel of 50 yds ., $\$ 1.25$.
Pecot Edge Ribbon. Suitable for plant decorations, bridal sprays, ete ; white and pink. No.2, spool of 50 yards, $\$ 1.25$.
No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60 c ; doz., $\$ 6.75$.
Fibre Ribbon. Silk finish, 1 -inch width; all colors. 50-yard bolt, $\$ 1.50$.
Rayon Ribbon. A firmly woven and lustrous ribbon, $45 / 8$ inches wide, with pressed embossed edges; very beautiful and effective on baskets, funeral work, bouquets and door badges. 25 to 35 yards to a piece. Price, per yd., 13c; price, 5 piece lots, 12 c per yd.
Chiffon. 150 width, beautiful quality, three silk stripes on each side in all colors. Suitable for the better grade of wedding work, etc. 40 -yard bolt, per yd., 9 c .
Rayon Gauze. Netting effect, lustrous line of colors, beautiful in appearance, inexpensive in price, per yd., 5 c .
Metaline. Pattern 7500, has a wowen edge and positively cannot fray or pull out. 6-inch edges, highly lustrous, adaptable for basket and funeral work, all colors. 40 -yd. pieces, per yd., $81 / 2 \mathrm{c}$.

Ribbonzene Crinkle Ribbon No. 1. All colors. 500-yard spool,


Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4 -inch, per yard, $61 / 2 \mathrm{c}$; 6 -inch, per yard, $81 / 2 \mathrm{c}$.
Plain 3-Stripe French Chiffon. Superior quality. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, $51 / 2$ c; 6 -inch, per yard, $61 / 2$ c; in 12-bolt lots, 6 c per yard.
Corsage Shields. Lacette's. All colors. Per doz., $\$ 2.00$;gross, $\$ 21.00$.
Corsage Pins, 4 -inch; assorted colors. Per gross, $\$ 2.00$.
Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, $\$ 6.50$. Satin Taffeta, All Silk, for Holly and Roping Wreaths, also for bows on basket-handles.
No. 16 Width, $<1 / 4$ in.... $\$ 1.30$
No. 22 Width, $21 / 2$ in.... 1.65
No. 40 Width, 3 in.... 1.90

No. 60 Width, $35 / 8$ in.... $\$ 2.10$ No. 80 Width, 4 in.... 2.35 Prices are per bolt of 10 yds .

## 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

# PANAMA-PACIFIC EXPOSITION 

\author{

| Each |  |  |
| ---: | ---: | ---: |
| $\$ 0.35$ | $\$ 32.50$ | In Bulk. |

}


SAN FRANCISCO 1915

100 lbs., $\$ 30.00$

Vaughan's COLUMBIAN (Shady Nook) Lawn Seed-Prices the same as for Chicago Parks and Central Park Mixtures Market (Kentucky Blue Grass, Fancy ( 21 lb . Seed)..... 10 lbs., $\$ 2.55$; 100 lbs ., $\$ 23.50$ Subject $\left\{\begin{array}{l}\text { Kentucky Blue Grass, Fancy ( } 19 \mathrm{lb} \text {. Seed)...... . } 10 \text { lbs., 2.45; } 100 \text { lbs., } 22.50 \\ \hline\end{array}\right.$ to Change (Red Top, Fancy ( 100 lb . bags 35 c each extra).... $10 \mathrm{lbs} ., 2.20 ; 100 \mathrm{lbs}, 20.00$ 10 lbs. 100 lbs. White Clover. Bags, 35c each extra. Choice grade,
"Quick Show Mixture" for immediate effect \$2.60 \$24.00
Good Mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.10 19.00 "Home Grounds" Mixture $\$ 35.00$ to $\$ 40.00$ per 100 lbs .
Fancy grade- $\$ 45.00$ per 100 lbs; 10 lbs., $\$ 4.70$. y grade- $\$ 45.00$ per 100 lbs; 10 lbs., $\$ 4.70$.

## BUSINESS RULES

TERMS ON FLORISTS' STOCKS. To customers of approved credit, 60 days, except on certain cash items. Special 2 per cent discount fo cash in ten days (from these list prices only), not from the "Special quotations and excepting net cash items.
C. O. D. We prefer not to send goods C. O. D.,but when wanted in that manner some money must accompany order. Perishable Stock, Plants, etc., are POSITIVELY not sent C. O. D.
WHERE SOLD. Our stocks are sold F. O. B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept 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 railroad you wish to use; there is no other sure way of correct routing. Do not use the words send, ship, forward-they mean nothing. When ordering state routing distinctly, Mail, Express or Freight.
INSURANCE. We insure all orders for seeds for $\$ 2.00$ and over at buyer's expense, unless instructed not to do so. Please give explicit instructions when ordering.
REMEMBER: "Little omissions make great errors," and kindly give us in EACH ORDER the correct names, sizes, grades and prices of the stocks you order from this catalogue, and the routing, the name of the express or railroad company, shipping misunderstandings. misunderstandings.

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover same, from which deduct 2 per cent.
BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual trade reference or property statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. Wre sold strictly on new accounts for cash goods. All "Holiday stocks" are sold strictly on cash terms, and hence fall under this rule.
IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, purity, way, expressed or implider the 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 theoeof, and he must return them at once and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate 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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L. H. Vaughan, President,
C. Cropp, Vice-President.
ORDER for SEEDS, BULBS and SUPPLIES TOVAUGHAN'S SEED STORE

601 West Jackson Blvd., CHICAGO

Date $\qquad$ 19 Write very plainly
Post Office.-.-----
Street, P. O. Box
or Rural Delivery
Express or
Freight Office $\left\{\begin{array}{c}\text { If different } \\ \text { from P. O. }\end{array}\right\}$
AMOUNT ENCLOSED

## (SEND NO CASH OR CURRENCY UNLESS REGISTERED)

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

## AMOUNT ENCLOSED

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

Forward Goods by
(Parcel Post, Express, Freight or Boat)

Table of PARCEL POST RATES to different zones.
Your local postmaster will tell you in which Zone you reside as regards NEW YORK or CHICAGO.
More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

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 be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moder
orices we charge.
VAUGHAN'S SEED STORE (Incorporated). orices we charge.
N. B. Examine seeds closely, test if desired, write $u s$ if anything is wrong and we will adjust.

| QUANTITY |
| :---: |
| Do not | NAME OR CATALOG NUMBER OF ARTICLE


Filled by Checked by Packed by
Shipped by ..... Style of Package.
Date. Book Weight.

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

BIRDS AND FISH have become established as florists' and seedsmen's side lines. Profits in this business depend as much on sales of foods and supplies as on the original sales of birds, fish, cages and aquariums. In our own retail business we have had to solve the problem of obtaining a complete line of reliable supplies which we could offer to our customers in complete confidence of their high quality. In some cases we found it necessary to put up our own; and so we decided to prepare a complete line and offer it to our wholesale trade. Everything listed here is put up by us, or especially for us and according to our specifications. Vaughan's quality is maintained throughout.


Per Doz
Mixed Bird Seed. The standard bird food, consisting of recleaned canary and rape in specially designed 1 -pound packages as illustrated. Per case of 3 doz., $\$ 6.75$
$\$ 2.25$
Special Bird Seed. A high quality balanced ration, especially for canaries, including a variety of seeds. Per case of 3 doz., $\$ 7.95$

Per Doz Bird Gravel. A clean washed gravel, in 2-pound packages.
Per case of 2 doz., $\$ 2.20 \ldots$. . $\$ 1.10$
Bird Grit. White grit for use with gravel. 2-1b. packages. 1.10
Zenith Song Restorer. A reli-
able remedy................ 1.20
Bird Life Balls. A treat for birds, containing wild seeds, etc., which have tonic effect. 1.00
Canary Health Food, specially prepared as a change in diet. 2.00 Bird Charcoal, keeps digestive organs in condition. 1.20

Cuttle Bone60

Moulting Food. . . . . . . . . . . . . . 1.60
Louse Powder. 1.20

Nesting Material. . . . . . . . . . . . 75

## Fish Foods

Natural Fish Food . . . . . . . . . . . 1.00
Shrimp Fish Food. . . . . . . . . . . 1.20
Wafer Fish Food............... . . . . 75

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


## Wreath and Bouquet Materials

Prepared Leaves, Sprays and
 much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb., $\$ 1.00 ; 10 \mathrm{lbs}$. for $\$ 8.00$.

RUSCUS, Tinted. Finished in all shades of Bronze. $1 \mathrm{lb} ., \$ 1.25 ; 5 \mathrm{lbs}$. , at $\$ 1.15 ; 10 \mathrm{lbs}$. at $\$ 1.10$
RUSCUS, Two Color. Finished in two colors, perfectly blended. Price per 1b. $\$ 1.50$.
STATICE, for Basket and Wreath Work. $1 \mathrm{lb} ., \$ 1.00 ; 10 \mathrm{lbs} ., \$ 9.00$ Colored, per ib., \$1 50.
JAPANESE ROPING or FRIZZ, Red and Green. 60 -yd. bolts. Per bolt, $50 \mathrm{c} ;$ doz., $\$ 4.50$. Write for prices in bale lots.

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

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

Vrite for prices on larger quantities.
New York prices 35 cents per bale higher. Cartage free.
SHEET MOSS, green, for W indows, Baskets, ctc. Per sack, \$2.25.
Above prices are subject to change without notice.

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

for price on 50 and 100 lb . cases. Red, per carton, $\$ 2.10$.
JAPANESE AIR PLANTS. Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15 c ; doz., $\$ 1.20 ; 100, \$ 9.50$.
LYCOPODIUM, Prepared. 10 lbs . to carton. Price, per carton, $\$ 2.75 ; 3$ cartons, $\$ 2.65$ per carton. Write for price in bulk.
OAK LEAVES, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, $\$ 1.45 ; 6$ cartons, $\$ 1.40$ each.
OAK SPRAYS, Prepared. Large selected branches in Red, Brown and Green. Price, per 1b., $35 \mathrm{c} ; 10 \mathrm{lbs}$.,


PREPARED LYCOPODIUM WREATHS. The best selling cemetery wreath for the fall. These wreaths are made of the best prepared evergreen and the decorated a re beautifully adorned with flowers.
Plain. ..... . . . 10 in., doz., $\$ 2.25 ; 100 . \$ 16.00$ .12 in., doz., $3.50 ; 100,27.00$ Decorated. ... 10 in., doz., $\quad 3.00 ; 100,21.00$ "" . . . 12 in., doz., 4.50; 100, 32.00 TIN FOIL. Price subject to change without notice. Terms cash
Florists' Foil. 5,6 or 7 inch, $1 \mathrm{lb} ., 25 \mathrm{c} ; 10$ lbs., $\$ 2.00 ; 25 \mathrm{lbs} ., \$ 4.50 ; 50 \mathrm{lbs} ., \$ 8.50$; 100 lbs ., $\$ 16.00$.
Violet or Green Foil. Per $1 \mathrm{~b} ., 45 \mathrm{c} ; 10 \mathrm{lbs}$. $\$ 3.80 ; 25$ lbs., $\$ 8.75$.
Aluminum Foil. 6 in. wide, put up in 1 -pound rolls, Per lb., $\$ 1.00$.
IMMORTELLES Colored. White, Purple Bright Scarlet, Pink Blue, LightGrcen; bunch 50c; doz., $\$ 5.00 ; 50$ bunches, $\$ 19.50$. In case lots of 125 bunches, $\$ 36.00$ per 100 bunches. Natural (Yellow), bunch, 50 c ; doz., $\$ 5.00 ; 50$ bunches, $\$ 19.00$. In case lots of 125 bunches, $\$ 35.00$ per 100 bunches.



[^0]:    Vaughan's Seed Store, Chicago.
    Hall's Floral Co., Albany, Ore.
    I want to tell you that the ease of $7 \times 9$ Giganteum Lilies we purchased of you came on just right for Easter with hardly a bad plant. They all ran four, five and more blooms and we were very much pleased with our display which was the best in this eity. The trumpets were large and fine for funeral work. Yours truly,

    ELIZABETH WILSON.
    Vaughan's Seed Store,-The bulbs are certainly fine and that show box
    is a wonder. Every florist ought to have one on display.
    H. L. W1NDBIGLER, Perfection Nurseries, Foley, Ala.

[^1]:    The best varieties of colors noted.
    Blue $\left\{\begin{array}{l}\text { New Blue (deep) Salmon-Mrs. Kerr }\end{array}\right.$
    Crimson-Scarlet-Aviator
    Lavender $\left\{\begin{array}{l}\text { Harmony } \\ \text { Sweet Lavender }\end{array}\right.$
    Orange $\left\{\begin{array}{l}\text { Orange King } \\ \text { Burpee's }\end{array}\right.$
    Burpee's Orange
    Rose $\left\{\begin{array}{l}\text { Giant Rose } \\ \text { Ball's Rose }\end{array}\right.$
    Royal Purple-Amethyst
    Salmon-Pink-Morse's
    Superior Pink
    Scarlet $\left\{\begin{array}{l}\text { Grenadier } \\ \text { Bright Light }\end{array}\right.$
    White
    $\left\{\begin{array}{l}\text { Black seeded } \\ \text { White Harmony } \\ \text { White seeded }\end{array}\right.$

[^2]:    Please forward, in due season one assortment of garden and flower seeds for me to sell on commission for the season of 1930 . I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1 , when requested by you, 1 agree this assortment and the advertising material sent with it, in my store, and to sell all the seeds possicle. of or after by to return the unsold seeds by parcel post, and to pay, upon receipt of statement the retail value of the seeds sold by me, less $40 \%$ commission. Unsold to return the unsold seeds by parcel post, and to pay, upon receipt of statement the retail value of the sare obe billed. I further agrec. when season is seeds returned by me are to be credited, and only the amount of seed
    ended, to destroy the display rack furnished by you with the goods.

