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## VAUGHAN'S <br> Book $\overline{\text { FOR }}$ Florists

SPRING
1914

## Best

Tuberose
Bulbs

# Vaughan's Seed Store 

Established 1876
Incorporated 1901
New York: 43 Barclay Street
31-33 W. Randolph Street, CHICAGO Greenhouses, Trial Grounds and Nurseries: Western Springs, Illinois

## VAUGHAN'S BEST LAWN SEED

LAWN Grass scel is one of the most attractive and best selling side lines for the florist. Do not chance your reputation by selling an inferior article. In a flower shop, the public looks for the bighest quality sced or horticultural supplies. There is no better Lawn Seed than VAUGHAN'S CHICAGO PARKS. It is a properly blended mixture, made after $3 \overline{5}$ rears ${ }^{3}$ experience. Tre have adrertised it heavily, so that it sells on sight. The packages are as neat and attractive as we can make them.


5 LB. BOX
Vaughan's Chicago Parks Lawn Seed can also be had In 10 and 20 lb. lots.

## Vaughan's Chicago Parks Lawn Seed

Hilf pound packages (sell for 20 c éach), . per 100 , $\$ 10.00$; each 12 c , per doz. $\$ 1.30$ One pound packages, retail at 30 c each, . per $100, \$ 18.50$; each 23 c , per doz. 2.40 Five pound packages..........(sell for $\$ 1.35$ each), each $\$ 1.00$, per doz. $\$ 11.60$ One bushel ( 15 pounds) (sell for $\$ 3.95$ ) $\$ 2.95,5$ bushels $\$ 14.25,100$ pounds $\$ 18.00$ VAUGHAN'S CENTRAL PARK LAWN SEED - Same price as that of our Chicago Parks Lawn Seed.
Vaughan's Columbian "Shady Nook" Lawn Grass Mixture
Per lb., 23c; 5 lbs., $\$ 1.00$; 15 lbs., $\$ 2.95 ; 100 \mathrm{lbs}$., $\$ 18.00$
"Quick Show Mixture" for immediate effect. Good Mixed
Kentucky Blue Grass
Red Top, Fancy quality, extra heavy Red Top, unhulled
$10 \mathrm{lbs} ., \$ 1.50 ; 100 \mathrm{lbs} . \$ 13.50$ 10 lbs., $\$ 1.50 ; 100 \mathrm{lbs}$. $\$ 13.50$
14 lbs., \$1.85; 100 lbs. $\$ 12.00$
10 lbs., $\$ 2.75 ; 100$ lbs. $\$ 25.00$
$10 \mathrm{lbs} ., \$ 1.50 ; 100 \mathrm{lbs} . \$ 12.00$


Terms on all Grasses and Clover Strictly Cash.

TERMS ON FLORISTS' STOCKS. To customers of approved credit, 60 days, except on certain cash items. Special 3 per cent discount for cash in ten days (from these list prices only), not from the "special" quotations and excepting net cash items.
C. O. D. We prefer not to send goods C. O. D., but when wanted in that manner some money must accompany order. Perishable stock, plants, etc., are POSITIVELY not sent C. O. D.

WHERE SOLD. Our stocks are sold F. O. B., Chicago, Nert York or Western Springs (unless otherwise stated), and me do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines, because 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.

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, whether by express, mail or freight, and the name of the express or railroad company, shipping date, and like details. This prevents misunderstandings

First Orders from all firms not having an account with us should come with cash remittance to cover same, for which deduct 3 per cent.

Book Accounts. Customers who wish to open accounts will please supply usual trade reference or a property statement. If the business is a partnership or a corporation, be sure to give names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. The do not open nerr 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, quality, 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 above conditions and by reason thereof, we make the moderate prices quoted in our catalogue. 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 twe book in adrance of shipping date are accepted by us only subject to loss by fire, rot, or other accident beyond our control, we not guarantecing to supply same if so lost.

## TABLE OF CONTENTS-Explanation of tables below: Numbers preflxed with B represent Bulbs; P, Plants; S, Seeds.



# ORDER SHEET ${ }^{\text {ro }}$ Vaughan's Seed Store. 

See instructions in Catalogue,
"HOW TO ORDER."

Amount enclosed, \$
Your Name

No goods sent C. O. D.<br>Date.

Please do not write in here.
Very Plain.
Post Offlce....................................................................... P. P. Box...
County ........................................................................ .... Ste. ................
$\left\{\begin{array}{c}\text { State whether to send } \\ \text { by mail or express. }\end{array}\right.$
Street
Forward by

Name of Ex. Co.
Express Offlce

## AMOUNT EN.CLOSED. Cash, - \$......................... Money Order, - . ..........................

626 Slate how much money
you enclose.
Postage Stamps,
Draft or Check, $=$
..................................
NOTICE. - We do not warrant in any way, expressed or implied, the contents, or the description, quality, produc. tiveness, 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 thercof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our goods.

VAUGHAN'S SEED STORE (Incorporated).



## GREENHOUSE PLANT DEPARTMENT

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

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

Soft plants are not shipped to distant points by freight.

BILLING-3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate. 25 CENTS extra for packing orders less than \$2.00.

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

Plants are from $21 / 4$-inch pots unless otherwise noted.


## AGERATUM-Little Blue Star

Dwarf. The best dark blue Ageratum. 6 to 8 inches tall. $21 / 4$ inch....... Doz., 60c; 100, $\$ 400 \quad 3$ inch. . . . . Doz., 85c: $100, \$ 600$

## ALYSSUM-Vaughan's Little Gem

The best type of dwarf white Alyssum. $211 / 4$ inch....... .Doz., 50c; 100, $\$ 300$

## ALTERNANTHERAS

Green or red, for carpet bedding, $21 / 4$ inch. . . . . . . Doz., 60c; 100, $\$ 400$ BRILLIANTISSIMA. Dwarf and compact, broad brilliant red foliage

## AMARYLLIS, Giant Hybrids

An extra fine strain, flowers very large, colors strong and vivid. 5 inch pots.


## ANTIRRHINUM-Snapdragon

## Vaughan's Superb Strain, Plnk, R ed, White, Yellow

$21 / 4 \mathrm{in}$. pots

## ARAUCARIA-Norfolk Island Pine

EXCELSA.

| Size Pots | Height | Whorls | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4-in. | 8-10 in. | $2-3$ | $\mathbf{\$ 0} \mathbf{6 0}$ | $\mathbf{\$ 5} 50$ | $\$ 4000$ |
| 4-inch | Extra Selected | $2-3$ | $\mathbf{6 5}$ | $\mathbf{6 0 0}$ | $\mathbf{4 5} 00$ |
| 5-in. | $12-14$ in. | $3-4$ | $\mathbf{7 5}$ | $\mathbf{8 0 0}$ |  |

## CASE LOTS, ready about May 1st.



Strong plants from top cuttings from 4-in: pots, 6 to 8 -in. high, with 2 whorls, in case lots, no less than 50 or 100 to a case; if order is placed before April 15th, at the low price of $\$ 35.00$ per 100, F. O. B. Chicago. After April 15th, price will be $\$ 40.00$ per 100 .

Ask for price F. O. B. New York.


## ASPIDISTRA-The Iron Plant

## GREEN LEAVED. At

.10c per leaf
VARIEG 5 -inch pots, $10-12$ leaves; 6 -inch pots, $14-16$ leaves
5 -inch pots, $8-10$ leaves; 6 -inch pots, $12-14$ leaves.

## ASTER-Giant Branching

From flats, white, purple, lavender, red and pink. Doz., 25c; 100 \$1.50; 1000, \$10.00.

## AUCUBA-Japonica Variegata

18 inches high, bushy
24 inches high, bushy
Each Doz.

## BEGONIAS

## Fibrous Rooted for Bedding

FAIRY QUEEN. Foliage rich, glossy green. Flowers clear rose when full open. Will stand bedding out like a geranium.
$21 / 2$-inch pots.
. Doz., 75c; 100, $\$ 4.50$
LUMINOSA. Foliage satiny red. Flowers large, bright scarlet. This is far superior in every way to "Vernon" which we have discarded. 21/4-in. pots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Doz., 75c; 100, \$4.50

ERFORDIA. A very compact grower, forming a very shapely plant. The foliage is glossy green, edged bronzy-red, a pleasing background for the sprays of rosy pink flowers, with which the plant becomes literally covered, $21 / 4$-inch pots. . . . . . . . . . . . . . . . . . . . . . . Doz., 75c.; 100, \$4.50.

For Tuberous Rooted Begonias, see page 24.

## BEGONIAS-Xmas Flowering

For June and July Dellvery.
Strong, 2-inch pot plants from leaf cuttings.
GLOIRE DE LORRAINE. . . . . . Doz, $\$ 2.00 ; 100, \$ 15.00 ; 1000, \$ 140.00$ GLORY OF CINCINNATI . . . . Doz., $\$ 3.00 ; 100, \$ 20.00 ; 1000, \$ 170.00$

Ask for prices on 3 and 4-inch pot plants.

## CALADIUMS-Fancy Leaved

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

Please write for Prices on started stock. Each Doz. 100
Rare and New Varleties........................ $\$ 0$ 40 $\$ 350$ \$25 00
Cholce Standard Named Varleties........ $20 \quad 200 \quad 1500$
Choice Mixed Varletles........................ $15 \quad 150 \quad 1000$
ESCULENTUM (Elephant Ear) 5 -in. pots. $\ldots .$.
6-in, ". ...... 353002000

## For bulbs see Bulb Pages

## CASTOR BEAN-Ricinus

Red or Green-leaved, 3 -in. pots.
Doz., 75c; 100, \$5.00
CENTAUREA-Dusty Miller
GYMNOCARPA, $2^{1 / 4}-$ inch pots.
 Ready about may ist. These trees come in tubs.
Nothing can approach these handsome trees for decorating porches, piazzas, or hall entrances and they are largely used for stately effects in formal gardens.

Their use is no longer a luxury but a necessity. Private residences as well as hotels, restaurants, parks, etc., want them and we urge upon every florist the need of securing a stock early for display. They will find a ready sale in the smaller towns.


## CYCLAMEN-Vaughan's Giant Flowering

Grown from our celebrated seed in five separate colors.

|  | Each | Doz. |  |
| :---: | :---: | :---: | :---: |
| $21 / 2$ in., ready in April and May | \$0 10 | \$0 85 | \$ 600 |
| 3 in., ready in June and July. | 15 | 150 | 10 |
| 4 in., ready in August | 25 | 250 |  |
| NOTE-Prices |  |  |  |

## HELPFUL BOOKS FOR THE FLORIST

Bulbs and Tuberous Rooted Plants. Allen. Cloth..... \$1.50 Greenhouse Management. Taft. Illus., cloth. . 1.50

Handbook of Plants. Henderson Latest edition.

This List is intended for the Trade only, and the prices given will beapplied only when the quantities required are such as to entitle the purchaser to wholesale rates.


GLOBE SHAPED B0X


## BOX TREES

## Ready about May 1st.

Sheared into compact shape, these Box trees make beautiful specimen plants in any form. and can be used for all decorative purposes like the Bays, but at less expense. The bush plants can also be used with telling effect for window boxes.

Prices on Pyramid, Globe and Standard Box include trees planted in nice new green tubs. If wanted out of tubs we allow 10 per cent discount.

## Pyramidal Shaped

${ }_{3}^{1 / 2} \mathrm{ft}$. high. $\begin{array}{lll}\text { Each } & \text { Pair } \\ \mathbf{\$ 2} 00 \\ \mathbf{\$ 3} 75 & \mathrm{ft} \text {. high }\end{array}$

Each Pair


## Globe Shaped, Trimmed

15 in. high, 15 in . dia. $\$ 2 \mathbf{7 5} \quad \mathbf{5 5} 0018 \mathrm{in}$. high, 18 in. dia. $\$ 3 \mathbf{5 0} \mathbf{\$ 6} 50$

## Bush Shaped

## These do not come in tubs.



## IMPORTED CYCAS STEMS

For April delivery. Stems weighing from 1 to 10 lbs . each. State whether small, medium or large stems are wanted.


## CYPERUS ALTERNIFOLIUS-Umbrella Plant

2-in. pots... Doz., 60c; 100, S4.00 4-in. pots. . Doz. \$1.75; 100, \$12.00 DIEFFENBACHIA MAGNIFICA
Handsome green leaves, blotched with white. Fine for exhibition and conservatory. Each Doz. 3-inch pot plants.e.. \$0 25 \$2 50 4-inch pot plants.... $\$ 040$ \$4 00

## DRACAENAS-Best Decorative Sorts

INDIVISA. Excellent for centers of vases, hanging baskets, urns and

3-inch pots......\$1 2001200
NDENI.
LINDENI. Broad green leaves edged with golden yellow stripes. Each

MASSANGEANA. Similar to Lindeni, but with the yellow stripes in
the center. Each
4-inch pots. . . . . . . . . . . . $\mathbf{\$ 0} \mathbf{5 0}$ 50 5 -inch pots. . . . . . . . . . . . . . . $\mathbf{\$ 0} \mathbf{7 5}$
STRIATA. On the Lindeni type but striped yellow and green.
5-inch pots . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Each, \$1 00
Lindeni, Massengeana and Striata ready June ist.
TERMINALIS. Lanceolate leaves, dark green, bronzy or crimson.


For Vaughan's Flower Seeds for Florists, see pages 28 to 43 of this catalog. Our list contains all the best novelties as well as all the standard sorts, and the quality of our seeds is the very best. See page 28 for special cash discount on flower seeds.

## CHRYSANTHEMUMS

## NEW VARIETIES FOR 1914

Delivery About April 15th.
Orders Booked Now Price, except where noted, each 50c, doz. $\$ 5.00,100 \$ 35.00$
Dragon Vert. The "king supreme" of the red and gold section; enormous in size, very regular and full in arrangement of petals; stiff-stemmed and a fino grower. The peer of any exhibition sort. Each, \$2.00; doz., \$20.00.
Elberon. An exceptionally large Japanese incurved 9 inches and 8 inches deep of the M. Loiseau-Rousseau type, and similar in color, but showing less contrast between the upper and under surface of the petals, presents a more pleasing shade of pink. Very strong August 25th. C. S. A. certificate, also awarded silver cup at St. August and Cleveland as a swcepstake prize for best seedling.
Fatouma. An enormous globular flower of rosy-amber color, full, and of fine stately build; very smooth in finish. A very strong entry for the "any other color" class, as all the toncs are pleasing. Each, \$2.00;
Petlite Marcel. This variety belongs to the "Rayonate" section, with a spread like a dinner-plate, each series of petals shorter toward the center. Color, rosy-mauve; a wonder for collections; straight, threadlike petals. Each, \$2.00; doz., \$20.00.
Romance. A magnificent incurved whitc, with a luster-like mother-o'pearl, but snow-white; each petal claw-shaped, and long enough to make a deep, very la
$\$ 2.00$; doz., $\$ 20.00$.
Yonkers. A yellow Japanese nearest to Yellow Miller in color and is equal in size. Strong, sturdy stem with foliage close to the bloom. Acapted for commercial and exhibition use. Best bud August 15th. C. S. A. certificate.

## CHOICE VARIETIES

Annie E. Angus. This is an exact duplicate of the old Madam Carnot except it is much stronger in growth and not affected by any disease.
Flowers can be grown to the largest possible size; a grand flower for the Flowers can be grown to the largest possible size; a grand flower for the collection classes. Color pure white. Crown bud from August 10th on. Each, 20c; doz., $\$ 2.00 ; 100, \$ 15.00$
Chleftaln. A rose-pink, commercial variety of exceptional merit. Perfect stem and foliage. In growth it resembles the well-known Bonnaffon. Each, 20c; doz., \$1.75; 100, \$12.00.
Chrysolora. The best yellow for early October. Fine incurved form with perfect stem and foliage up to the bloom. Each, 10c; doz.,
Golden Robln. An improved Golden Age, being easier of propagation and equally bright in color even brighter than Golden Wedding. In the hands of the experts we predict it will become very popular as a specimen plant and the commercial grower is assured of serviceable
blooms. Best bud August 25 th. ©.S. A. certiflcate. Each, 10c; blooms. Best bud August 25th. C. S. A. certiflcate. doz., \$2.00; 100, \$15.00.
Mrs. Gllbert Drabble. Pure white, conforming in every way with the American ideal. The stem is perfectly rigid with fohage right up to the flower, which is of the very largest size with petals arranged in a whorl. The crown bud taken from August 5 th on produces a grand flower. Each, 20c; doz., \$2.00; 100, \$15.00
Nakota. A very large Japanese incurved. Color orange buff. From buds selected last of August the petals assume a whorled form. Owing classes. Best bud August 30th. Each, 20c; doz., \$2.00; 100, \$15.00.
Nontero. Commercial white of exceptional merit, loosely incurved, perfect stem and foliage, maturing November 1 st when good commercial whites are scarce. Each, 15c; doz., \$1.25; $100, \$ 8.00$.
Ramapo. American seedling of Col. Appleton, and will take the place of that variety. It has all the good points of Appleton, the same color, splendid stem, foliage right up to the flower, and never shows a topknot. Each, 15c; doz., $\$ 1.25 ; 100, \$ 8.00$.
Ursula Grlswold. A sport from W. A. Ethrington, and identical with long narrow petals: a good grower and a a soft creamy white, with Sccond crown bud taken August 20th will give best flowers. Each, 20c; doz,. \$2.00; 100, \$15.00.
White Perfectlon. Purest white, high rounded, incurved, and double under all conditions. Fine stem and foliage and easy to do. Best $\mathbf{\$ 2 . 0 0} ; \mathbf{1 0 0}, \mathbf{\$ 1 5 . 0 0}$.

## FOR POT CULTURE

We have found the following varieties to be among the best:
August Dasse. A golden yellow, good sized
flowers, strong, stiff stem with fine foliage,
making it a first-rate commercial variety for Each
 with pink stripe on edge of petals.
with pink stripe on edge of petals...........
May Foster. Pure white, fine for pot plants.
s. F. Beu. Medium sized flowers of a beautis. Wm. Duckname.

Mrs. Wm. Large Japanese yellow
Mutual Frlend. Pure white, a large reflexed
Miss G. Pltcher. Incurved yellow with broad
Old Gold.
good form. Orange yellow of immense size and good form. Extra fine for pot plants
Roman Gold. A very intense yellow, changing to a bronzy tint in the depths of petals from mith's Sensation. Its delicate shade of cameo pink is greatly enhanced under artificial hight;
it is closely incurved and of the largest size.
The Bard. Well known deep crimson
W. Mease. Bright rosy red, one of the very
w. H. Lincoln. Bright yellow. A wariety. H. Llncoln. Bright yellow. A well known
variety and one of the best for pot culture....


## CAPRICE DU PRINTEMPS TYPE

## Each

Butler's Caprice. Flowers of a deep pink, compimst grower Quintus. Bright crimson, flat flowers with center petals slightly whorled
Mrs. Greenling. Flowers pink, with highter shade in center.
Purple Cap. Purple without any markings, Source d’Or. Bright orange, " shaded gold. Mediun size flowers. ellow Cap. Bright clear ycllow ball-shaped flowers when developed.

## EARLY FLOWERING POMPONS

Charlotte. Deep bronze
Emo. A small flower of bright yellow coior.

$\begin{array}{llll}\$ 2 & 00 & \$ 15 & 00\end{array}$

## $200 \quad 1500$

20
20
20

1500 Pompon blooming about October 25th Ong
of the handsomest of the early Pompons.
La Purlity. Pure whitc
La Purity. Pure whitc..............
Panama. Deep red, medium size
Zoda. Soft delicate

## MID-SEASON AND LATE POMPONS

Alleen. Clear rose pink
Baby Margaret. Small pure white
Diana. Pure white, extra fine and large
Julla Lagravere. Deep red, best of its color

| Each | Doz. | 100 |
| :---: | :---: | :---: |
| \$0 10 | \$0 60 | \$4 00 |
| 10 | 60 | 400 |
| 10 | 60 | 400 |
| 10 | 60 | 400 |
| 15 | 25 | 800 |
| 10 | 60 | 400 |
| 10 | 60 | 00 |
| 10 | 75 | 00 |
| 10 | 60 | 400 |
| 10 | 60 | 400 |
| 10 | 60 | 400 |
| 10 | 75 | 500 |

Thanksgiving and up to Christmas
Klondyke. A late brilliant yellow
Magnificus. Pure white, large
Minta. Color light pink, the shade of En-
chantress Carnation. . . . . . . . . . . . . .
Prlnceton. Brick red. Fiowers of splendid
Princeton. Brick red
Prince of Wales. A fine white.
Prince of Wales. A fine white.....................
Quinola. Clear orange yellow. Very fine.
Trlomphe d'Or. A rich golden yellow...

## SINGLE VARIETIES

Very popular as pot plants or for cut flowers. Most valuable for light graccful work. Do not disbud closely. We offer our own scedlings and a selection of other varieties which have been much admired Buttercup. Deep yellow flowers in grcat number. Each

Cosmos. Large beautiful lavender pink.
Early Bird. Flowers orange yellow, large, very
early, makes a good pot plant.
large Shasta Daisy whte flowers, resembling a
Minnesota. A very striking blood red, ${ }_{2} 1 / 2$
Pink inches across, long slender stem
petals Fine for ety at the fall Chrysanthemum Show in Chicago,
$1913 .$. ... Pure ivory white, flowers of medium
size with two rows of wetals
Sweetness. Clear yellow. In this we have a sweet scented Chrysanthemum. .

## THREE NEW SINGLES

$\begin{array}{rl}\text { Ceddle Mason. A crimson-scarlet, with golden } \\ \text { center. Each } & \text { Doz. } \\ \mathbf{\$ 1} & \mathbf{5 0} \\ \mathbf{\$ 1 5} & \mathbf{0 0}\end{array}$ Mensa. A very fine bloom, the petals being of the purest white, and produced in a double row. Center yellow.

plant with healthy foliage. ${ }^{\text {When }}$ planted out they will fiower from Augus SUMMER FLOWERING SORTS
Carrle. 4-in. flowers of deep golden yellow, Each blooming freely.
Carpet of Snow. Double pure white flowers Carpet of Snow. Double pu
produced in great abundance.
G. Grunerwald. Expands first flowers early in August. Flowers average 4-5 in. in diameter. Color, light pink
Goacher. Crimson and gold of fine size, blooming in August and September
golden yellow, double and of large size, borne
on strong upright stems.
olden Glow. Very early Japanese incurved,
producing fine blooms. 5 inches in diameter producing fine blooms. $51 / 2$ inches in diameter
Color bright yellow.
Harrle. Bronzy orange on golden ground
Horace Martlin. Golden yellow, large and free flowering.
Marle Masse. Deep pink; free and early-fower-
ing; strong, dwarf, compact grower. Fine for
pot culture and out-door planting.
Pink Harbinger. A deep rose pink, very large
Smith's Advance.
panded. This is the earliest large whitcy ex
Sport of Masse. A yellow sport of Marie Masse of which it is a duplicate in all respects except
color............................................


## Triomphe d'Or. A rich golden yellow.

| Doz. | 100 |  |
| ---: | ---: | ---: |
| $\$ 0$ | 60 | $\$ 4$ |
| 60 | $\mathbf{0 0}$ | 00 |
| 60 | 4 | 00 |
| 60 | 4 | 00 |
| 75 | 5 | 00 |
|  |  |  |
| 75 | 5 | 00 |
| 60 | 4 | 00 |
| 60 | 4 | 00 |


| Each | Doz. | 100 |  |
| ---: | ---: | ---: | ---: |
| $\$ 0$ | 10 | $\$ 0$ | 60 |
| 10 | 84 | 85 | 6 |
| 10 | 00 |  |  |

$10 \quad 75 \quad 500$
























00
500
500500

| 20 | 2 | 00 | 15 | 00 |
| ---: | ---: | ---: | ---: | ---: |
| 10 |  | 75 | 5 | 00 |




00

## VAUGHAN'S CANNAS

## OUR EXPERIENCE WITH CANNAS

Our Canna fields at Western Springs when in bloom during August and September make a grand showing and present a wonderful blaze of color. They attract thousands of visitors, both professionals and amateurs. Last year we grew over 10 acres of standard sorts and novelties besides 1,000 seedlings. Canna culture is one of our main specialties now as it has been for 30 years. Our Cannas have won important prizes wherever exhibited-Chicago, Omaha, Buffalo, and St. Louis,

We ought to know something about Cannas, and realize that many so-called novelties are being sent out every year whose only claimfor existence in many instances is a new name only. We had to pay dearly in discovering that ignorant and unscrupulous growers give almost any name to their stock of Cannas, as long as the color, is somewhere near correct. To them any red is a "New Chicago", any yellow a "Florence Vaughan", etc.

Our Cannas are true to name, and furthermore, the stock we use for propagation has been specially selected on points of vigor, true type, color, equality of height and size of flowers.

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

## FIREBIRD

This is by all means the very best red-fiowered, green-leaved Canna today.

The flowers are borne in immense trusses, on strong stalks well above the leaves. They are of splendid form, round and shapely. The petals measure $21 / 2$ inches and over across. The color is a clear glistening scarlet without any streaks, spots or blotches.

We have seen and tested many varieties during the thirty years we have devoted to their culture and have seen none that can approach it.

Our stock is limited. Order early!
Strong pot plants, ready about April 15th, each $\$ 1.00 ;$ doz, $\$ 10.00$.


FIREBIRD
The very best red-flowered green-leaved Canna.

## OUR COLLECTION OF CHOICE VARIETIES

## NEW CANNA-VAUGHAN'S GIANT WHITE

The flower of this new Canna of which we purchased the entire originator's stock, is of the purest ivory white and is beyond a doubt the very best on the market. The spikes and flowers are of immense size, the petals measuring $21 / 2$ inches in diameter. The flowers do not burn in the hottest sun. The foliage is strong, vigorous and of a bright dark green. height $3 \frac{1}{2}$ feet, $3-\mathrm{in}$, pot plants, Price each, 75 c , doz., $\$ 8.00$.

AIGLE, 4 ft . Green foliage, with narrow bronze margin Color a rich crimson-scarlet without any markings. A fine round-shaped flower spike, carried well above the foliage. Each 50c.

ALTITUDE. $51 / 2 \mathrm{ft}$. Long. well formed spikes of bright scarlet flowers. borne well above the brown foliage. Each 50c.

CHARLES LUTZ. $41 / 2$ feet. A magnificent yellow. Foliage large, vigorous and of a healthy green. We might describe this as a green-leaved, yellow-flowering King Humbert, because it has the same massive foliage and immense flowers. 3 -inch pot plants. Each, 25c; doz., \$2.50; $100, \$ 20.00$.

GUSTAVE GOMPPER. $3^{1 / 2}-4 \mathrm{ft}$. Green foliage. Flowers of good size which are held well above the foliage. Color golden yellow, the lower petals being lightly spotted with red. Each, 35c; per doz. \$3.50.

HUNGARIA. $31 / 2$ feet. Very compact, almost dwarf and of very luxuriant growth. Leaves bluish green, never burn. Trusses of enormous size borne well above the foliage. Flowers very large with very broad petals. Color purest La France pink with satin sheen. The most delicate pink in Cannas. Roots or 3 -inch pot plants. Each, 25c; doz., \$2.50; per 100, \$20.00.

JOHN FARQUHAR. 4 feet. Foliage bright metallic brown. The flowers, which are borne well above the leaves, form a beautiful contrast over the handsome foliage. Roots or 3 -inch pot plants. Each, 25c; doz., \$2.50; 100. \$20.00.

JULIUS KOCF. 3 feet. Foliage dark green. Flowers composed of four broad, well-rounded large petals of the most brilliant blood-red. One of the best reds in our collection. Roots or 3-inch pot plants. Each, 20c; doz., \$2.00; 100, \$15.00.

MRS. ALFRED F. CONARD. 4 ft . Exquisite salmon pink fowers of the largest size, produced in fine erect spikes well above the green foliage. Each 40c; doz., \$4.00; $100 \mathbf{\$ 2 5 . 0 0}$.

MATADOR. $41 / 2 \mathrm{ft}$. A grand introduction, flowers of the largest size, with beautiful rounded petals. An abundant bloomer. Color rich scarlet marbled cerise. Each 60c.

ORIENTAL. 4 ft . Foliage light green. Flowers are a beautiful golden yellow, tigred with nasturtium red, and form huge spikes. Very vigorous. Each 60c.

QUEEN OF THE YELLOWS. (Konigin der Gelben), $4^{1 ⁄ 2} \mathrm{ft}$. Flowers of the purest yellow, forming splendid spikes. An ideal Canna, Each 50c.

STUTTGARTIA. $4 \frac{1}{2}$ feet. Broad, dark green leaves, of majestic growth. Flowers glowing orange-scarlet with canary-yellow band, and peculiarly marked and mottled. The mammoth flowers are borne on strong stems and are carried erect above the foliage. Roots or 3 -inch pot plants. Each, 25c; doz., \$2.50; per 100, $\$ 20.00$.

## SPECIAL OFFER NO. F. 6 CHOICE CANNAS

One of each of the Cannas offered on this page which includes
FIREBIRD and VAUGHAN'S GIANT WHITE Price, $\$ 5.50$
This is a rare opportunity to procure tfie choicest Cannas at a moderate price.


## CHOICE AND STANDARD VARIETIES

Dormant Roots are offered up to Aprif 1st, or whife stock lasts, after which pot plants are ready. 25 of any one kind at the 100 rate.


| DAVID HARUM, $31 / 2 \mathrm{ft}$., Vermilion Scarlet. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DIRECTOR FREUDEMANN, |  |  | 0 | 10 |  | 7 |  | 00 |
| DISCOLOR, 6 ft , Foliage 60 ( 00 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| EGANDALE, 4 ft., Currant red 60 | 60 |  | 00 | 10 |  | 75 | 5 | 00 |
|  |  |  |  |  |  |  |  |  |
| LEONARD VAUGHAN, $41 / 2$ |  |  | 00 | 15 | 1 | 25 |  | 00 |
|  |  |  |  |  |  |  |  |  |
| MONTREAL, $4 \mathrm{ft}$. , Vermilion |  |  |  |  |  |  |  |  |
| WM. Scarlet SAUNDERS, $31 \%$ ft, 50 |  |  |  |  |  |  |  |  |
| Bright Scarlet,MixedVarieties, |  |  |  |  |  |  |  |  |
| Mixed Varieties, per 1,000 | 50 |  | 00 |  |  | 25 |  | 00 |
| Pink Shades, Green Foliage |  |  |  |  |  |  |  |  |
| ADOLPHLight Carmine.GRMINGER, |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Clear Pink.............. 6 | 60 |  | 00 | 10 |  | 85 | 6 | 00 |
| VENUS, $31 / 2 \mathrm{ft}$., Rosy Pink, |  |  |  |  |  |  |  |  |
| der $\ldots \ldots \ldots$ | 85 |  | 00 | 15 | 1 | 25 | 8 | 00 |
| WAWA, 3 ft., Lovely Soft Pink 12 | 25 |  | 00 | 15 | 1 | 25 | 8 | 00 |

[^0]

Its giant flowers, orange scarlet in color, the very broad, rubber-like bronze leaves, altogether make up a plant so distinctly in advance of any other bronze-leaved Canna that the demand for it is universal.

|  | 1,000 | Each | Doz. | 0 |
| :---: | :---: | :---: | :---: | :---: |
| Dormant roots. | \$45 00 |  | \$0 75 | \$ 500 |
| $21 / 2$ inch pots. | 4500 |  |  | 500 |
| 3 inch pots. | 5500 | 10 | 85 | 600 |
| 4 inch pots. |  | 20 | 175 | 1200 |
| 5 inch pots |  | 25 | 250 | 1800 |



PARSIFAL
An excellent example of the Cactus type.

## DAHLIAS

In the following list we offer what we consider the very best of the foreign and American Dahlias, which we observed in our extensive trials last season. The greater part we can supply both in dry roots and small plants, but some of the rarer sorts we furnish in green plants only.

While roots may generally be planted by April 15th, it is hardly wise to set out the growing plants until May 10th to 15 th.

Dry divided roots may be had at any time, as long as the supply lasts; pot-plants, 2 to $21 / 4$ inches, can be supplied not earlier than May 1st.

Contrary to popular opinion, we maintain that Dahlia plants are always superior to dry roots, and are willing to take the responsibility of recommending them.

Varieties marked ( P ) we can supply in pot plants only.

## CACTUS DAHLIAS

AURORA. (P.) Soft pink, tipped white, brilliant golden in center.................................... \$0 15
COUNTESS OF LONSDALE. A delicate apricot, shading towards the edges of the petals to
carmine pink. Early and one of the very best 15
DAINTY. (P.) Ground color of lemon yellow, shading lighter as the season advances, beautiful rose-pink half-way from the base of the petals
FAIRY. (P.) Pure white. Narrow florets. Beautiful form.... . . . . . . . . . . . . . . . . . . . . . . . .
FLORA. An ideal white with large heavy
flowers on stout stiff stems, valuable for cutting
FRAU HERMINE MARX. (P.) A beautiful pink, splendid for cut flowers. Very similar in color to the La France rose and a good bloomer
GUNTHER. (P.) Pure white, splendid form, flowers on long stems well above the foliage, flowers on long stems well above the foliage,
HOLSATIA. (P.) Orange scarlet. One of the freest flowering Cactus Dahlias and perfect in form. Flowers are borne on long, stiff stems. . 10
LAWINE. (P.) A pure white of good form,
very free and early flowering.................... 20.20. very free and early fowering. ...................... A gigantic flower of perfect form, with graceful

MRS. GEO. STEVENSON. Bright yellow.
Large blooms with long and narrow petals.... 15 Large blooms with long and narrow petals.... 15

## CACTUS DAHLIAS - Continued

Each Doz.
PARSIFAL. (P.) One of the earliest and freest flowering of the white cactus varieties. The flowers are large, of good form, creamy white, produced on fine stems well above the foliage.

PEARLHILDE. Center nearly white changing to a soft blush pink. A sport of the well-known
Kriemhilde and one of the best for cut flowers.. 10
PINK PEARL. (P.) Mellow pink at the base of of the petals, shading off gradually to white at Fine for cutting......... a soft, rosy pink.

RHEIN KOENIG. (P.) One of the very best of the white Cactus sorts. The flowers are large, 5 inches in diameter, of splendid substance. the foliage making it a most desirable sort for cutting and garden decoration.
ROTHER. (P.) A beautiful dark velvety crimson, perfect shape and very early........... 1
SPOTLESS QUEEN. An excellent white for cut flowers........ . . . . . . . . . . . . . . . . . . . . . . . . . . . 15
STRAHLENKRONE. Intense cardinal red, rich and glowing, with long twisted petals. A very early and profuse bloomer.
UNCLE TOM. (P.) A deep velvety maroon, almost black. . . . . . . . . . . . . . . . . . . . . . . . . . .
VOLKER. (P.) Clearest canary yellow. Large, early and an extremely profuse bloomer.
WINSOME. (P.) Undoubtedly the finest white Cactus to date. Flowers are very large and beautiful, with twisted, incurved petals....

## DECORATIVE DAHLIAS

BONNARD'S YELLOW. Deep yellow. Extra large flowering..
CLIFFORD W. BRUTON. Bright golden yellow. Very large and early flowering. .
CORONNA. (P.) A miniature pure white usually from $21 / 2$ to 3 inches in diameter, of most perfect form and remarkably free-flowering.
CRIMSON GIANT. (P.) Deep crimson flowers of immense size.
DAVID HARUM. (P.) Bright orange scarlet with deep crimson shadings. Large flat fowers measuring 6 to 7 inches across. We consider this one of our finest decorative Dahlias......
DELICE. Most beautiful clear pink. Extra fine for cutting.
HENRY PATRICK. A pure waxy white of good size. A free bloomer.
JACK ROSE. A rich velvety crimson, splendid for cutting; full in center, measuring 6 to 7 inches across..
JEANNE CHARMET. (P.) Flower 7 to 8 inches in diameter. Bright pink with crimson edges....
KAISERIN AUGUSTA VICTORIA. (P.) Immense pure white flowers, borne in great profusion on erect, stout stems, well above the foliage. .
KATHERINE DUER. (P.) A beautiful glowing scarlet of large size.
LA FRANCE. (P.) A deep rose, heavily marked white, in form more like a full-blown peony, excellent for cutting.
LYNDHURST. A rich and brilliant cardinal red. Fine for cut flowers.
MAJESTIC. (P.) 4 to 5 ft .; decorative; light scarlet, salvia color; whole plant, covered with bloom; the great flowering dahlia.
MAD. VAN DEN DAEL. (P.) A soft rose with deeper markings, shading to creamy white in center. A splendid variety for cutting.
MAID OF KENT. (P.) Intense scarlet, variegated with pure white, frequently a solid scarlet
MRS. CHAS. TURNER. Pure rellow. A strong
grower and profuse bloomer of immense size..
MRS. P. WYNDHAM. (P.) Apricot shaded to salmon in center. Very free and early, with wide, flat petals..
PERLE DE LYON. (P.) A beautiful pure white of good form.
PRES. F. FAURE. A deep purplish crimson with broad thick petals..........................
SOUV. DE. GUSTAVE DOAZON. A pleasing shade of orange red. The flower measures 6 inches in diameter, and has large, wide, thick petals. .
SYLVIA. White shading to soft pink on the outer petals, which are of great substance. The flowers are fine in form, full to the center and great shippers.
$\qquad$


DELICE, DECORATIVE DAHLIA
One of the finest Commerciai Plnks
Varieties marked (P) we can supply in pot plants only.

## DECORATIVE DAHLIAS-Continued

VIRGINIA MAULE. (P.) A most delicate Each Doz. blush or shell pink. The World's Best Shell Pink. A very strong and vigorous grower, blooming early and profusely.
\$0 20
WM. AGNEW. The richest shade of intense, dazzling red. Flowers are large. .
$\begin{array}{llll}\$ 1 & 50 & \$ 10 & 00\end{array}$

WOODROW WILSON. (P.) Flowers bright red of splendid form, good stem; flowers held well above the foliage, very free flowering and most desirable for cut flowers.................... 2

## SHOW AND FANCY DAHLIAS

A. D. LIVONI. A Beautiful soft pink flower with quilled petals, full to the center. An early and profuse bloomer..
BLACK DIAMOND. (P.) A rich velvety maroon shaded jet black. . . . . ........................
BON TON. A deep rich garnet red. A fine ballshaped flower.
ETHEL SCHMIDT. (P.) Pure white, flushed ( ANK GOODMAN. (P.) Rich purple, tipped

GRAND DUKE ALEXIS. Pure white, shading to a most delicate and charming shell pink...
JOHN WALKER. (P.) Pure white. Flowers full and beautiful
MISS MAY LOMAS. (P.) A delicate white suffused and tipped light lavender. Flowers are of good size. A very free bloomer and a fine cut-flower variety.. . . . . . . . . . . . . . . . . . . . .
MRS. DEXTER. (P.) Reddish apricot, very large and full flowers.
QUEEN OF YELLOWS. (P.) A bcautiful clear yellow.
RED HEAD. Deep red with large flowers; dwarf
STORM KING. (P.) The finest of all white Show Dahlias. An extremely early, profuse and constant bloomer, producing large perfect shaped flowers on long stiff stems..
YELLOW DUKE. (P.) Pure canary yellow large size, flowers on good stiff stems.

## SINGLE DAHLIAS

BLACK BIRD. (P.) Intense velvety maroon, almost black, red spots at base. Large.
GOLD STANDARD. (P.) Pure yellow flowers borne on long, graceful stems of finest form and texture and of large size.
PRAXITELES. (P.) Velvety purple, tipped white. An early and extremely profuse bloomer. Distinct and unique.

| 15 | 1 | 25 | 8 | 00 |
| ---: | ---: | ---: | ---: | ---: | ---: |
| 10 | 85 | 6 | 00 |  |
| 10 |  | 85 | 6 | 00 |
| 10 |  | 85 | 6 | 00 |
|  |  |  |  |  |
| 20 | 1 | 50 | 10 | 00 |
| 20 | 1 | 25 | 8 | 00 |

## SINGLE DAHLIAS-Continued

PRES. VIGER. (P.) Rich claret, shading Each Doz. 100 ighter at the edges with pure white collar occasionally rose tinted.
$\begin{array}{llllll}\$ 0 & 10 & \$ 0 & 85 & \$ 6 & 00\end{array}$
REBECCA MAYHEW. (P.) Largc snow-white
early, and an extremely profuse bloomer. The
best large white for cut flowers............ ... 10 . 850060
WILDFIRE. (P.) The most brilliant ficry scarlet on our list. Flowers very large....... 15 15 25 800 NEW CENTURY SINGLE DAHLIAS
MAROON CEN

| 15 | 1 | 25 | 8 | 00 |
| :--- | :--- | :--- | :--- | :--- |
| 15 | 1 | 25 | 8 | 00 |
| 15 | 1 | 25 | 8 | 00 |

TWENTIETH CENTURY. (P.) Intense rosy crimson, with white tips and white disc around the yellow center Flowers very large, 5 to 6 inclies in djameter
$15 \quad 125 \quad 800$

WHITE CENTURY. (P.) Pure whitc, with large, heavy, over-lapping petals.
15125800

## PEONY-FLOWERED DAHLIAS

GERMANIA. (P.) Brilliant carmine, four rows of petals, compact growth. . ...................... GLORY OF GROENEKAN.
$\begin{array}{lllll}20 & 1 & 75 & 12 & 00\end{array}$ flower, orange yellow

## ( P.) E

red
20
$\begin{array}{lll}1 & 75 & 1200\end{array}$
PAUL KRUGER. (P.) White and red; very long stems; $4 \mathrm{ft} . .(\mathbb{P}$.$) A charming shade of$ Hollyhock pink, the inner petals margined with gold. Very large and magnificent.
$\begin{array}{llll}15 & 125 & 8 & 00\end{array}$

UEEN WILHELMINA. (P.) Elegant snow-
white of large size, long stems.
$15 \quad 125$

800
$\begin{array}{llll}15 & 1 & 25 & 8\end{array}$

## POMPON DAHLIAS

Under this head come those small Bouquet Dahlias that are so popular for cut flowers. Their small size makes them invaluable for bouquets and their color is as great as any of the preceding classes.
ANNA LONDORF. Yellow, streaked carmine...\$0 10 \$85 600 CROWN POINT. (P.) Bright scarlet. A free bloomer, very dwarf and compact plant.
ELEGANTE. (P.) Bright pink flowers of perfect form with beautiful quilled petals.

| 10 | 85 | 6 | 00 |
| :--- | :--- | :--- | :--- |
| 10 | 85 | 6 | 00 |
| 10 | 85 | 6 | 00 |
| 10 | 85 | 6 | 00 |

## ASSORTED DAHLIAS

UNNAMED DOUBLE DAHLIAS. Good varicties in red, pink, white and yellow; undivided field clumps
$15 \quad 150 \quad 1000$
ALL VARIETIES MIXED. Excellent value Undivided feld clumps.

## GERANIUMS - New Varieties

Amerlcan Beauty. (Semi-double.) Rosy pink, large Each Doz. flowering, dwarf and compact......... Per 100, \$15.00. \$0 20 \$2 00 Anna Grothe. (Single.) Salmon, changing to rose; fine trusses.
Colonel Poirlne. (Single.) Orange scarlet
Dagata. (Semi-double.) Rose, suffused with white
Jubelpaar. (Double.) Rosy pink; fine for pots or beds.
Lucifer. (Double.) Bright scarlet; very brilliant bedder
Schone Ulmerln. (Single.) Rose pink, with white eye.
LA PETITE BARBARA. (P.) The best white
LITTLE HERMAN. (P.) Deep red, tipped -

10
85600

## General List


Strong 3-inch pots
.
Beaute Poltevine- (Semi-double.) blooming.
Columbla. (Single.) scarlet, fre
Joinn Doyie. Rich scarlet; large-sized trusses; robust grower
Lain Favorite. Grand double white; very free.
Lars. Francis Perkins. Light pink; fine large florets; double.
Mrs. Francis (Perkins. Nutt. (Double.) Dark crimson. The old favorite.
Ivy-Leaved
$21 / 4$-inch pots, doz. 60c: 100 \$4.00. $\quad 3$-inch pots, doz. 85c; $100 \$ 6.00$.
L'Etinceiant. (New, Double. Glowing red, very vigorous. Ex-
Souvenir de Chas. Turner. Color, bright scarlet.
Beauty of Jersey. Very double. Bright rosy pink.
Joan of Arc. Only double whitc Ivy Geranium.

## Variegated-Leaved

Mad. Sallerol. Dwarf; bright green leaves edged with white. $21 / 2$-inch pots, doz., 60c; per 100, \$3 50.

Mrs. Layal-Pansy Geranium
This pelargonium is of easiest growth, dwarf in labit, and literally covered with flowers all the time. In color the flowers on the same nlant are light pink, white, dark purple, black, etc.

21/4-inch pots



TYPE OF VAUGHAN'S BOSTON FERNS

## VAUGHAN'S BOSTON FERNS

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


## NEPHROLEPIS ROOSEVELT

The pinnae are beautifully undulated, giving it a pronounced wavy effect similar to the W. K. Harris type of Boston.

| Each | Doz | 100 | Each | Doz. |
| :---: | :---: | :---: | :---: | :---: |
| $21 / 2$-inch. $\$ 015$ | \$1 25 | S 600 | 5-inch. . . $\mathbf{\$ 0} 60$ | \$5 50 |
| 3-inch. . 20 | 150 | 1000 | 6-inch.... 75 | 800 |
| 4-inch... 35 | 300 | 2000 | 7-inch..... 100 | 1000 |

## NEPHROLEPIS ROOSEVELT JUNIOR-Teddy Jr.



## NEPHROLEPIS WHITMANI



## CIBOTIUM SCHIEDEI-Gold Fern

Choice 7 -inch pot plants, each. $\mathbf{\$ 2 . 0 0}$ to $\$ 2.50$

## TABLE FERNS

We have selected the varieties named below as the most useful to florists for filling ferneries and jardinieres, and for other florist work,

## CYRTOMIUM ROCHFORDIANUM-Crested Holly Fern.

A handsome decorative plant. Deep glossy green leaves, beautifully undulated and serrated like real holly. $2^{1 / 2-i n c h}$ pots, each, 10c.; doz., $\mathbf{7 5}$ c; 100, $\$ 5.00$.

ASPIDIUM TSUSSIMENSE
CYRTOMIUM FALCATUM $21 / 4$-inch pots, doz., 60c; 100. \$4.00.

PTERIS VARIETIES
CRETICA ALBA LINEATA

## WILSONI

MAYII
SERRULATA
SERRULATA CRISTATA UARIEGATA $21 / 4$-incì pots doz., 50c; 100, $\$ 3.50$.
OUR SELECTION, Assorted. $21 / 4$-inch, doz., 50c; 100, \$3.50: 1000, \$30.00.

## ADIANTUM-Maiden Hair

FARLEYENSE.
HYBRIDUM.

| Size pots | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: |
| 21/2-inch | 25 | \$2 50 | \$20 00 |
| 4 -inch | 50 | 500 |  |
| 21/4-inch | 15 | 125 | 800 |
| 3 -inch | 20 | 175 | 1200 |
| ECHT |  |  |  |
| $21 / 2$-inch | 25 | 225 |  |


| FEVERFEW | Doz. | 100 |
| :---: | :---: | :---: |
| LITTLE GEM. Large double white flowers | S0 60 | \$4 00 |
| GOLDEN FEATHER. For border and carpet bedding | 40 | 300 |
| FICUS ELASTICA-Rubber Plant |  |  |

The plants we offer are perfect with leaves from the pot up. Height taken from top of pot.

|  | Each | D | 0 |
| :---: | :---: | :---: | :---: |
| 4 -inch pots, 10 to 12 inches high. | so | \$4 00 | 2 |

## FUCHSIAS

CORAL. Ornamental purple-leaved variety covered with racemes of coral red flowers. Quite distinct in form to the ordinary varieties, the flowers being long and tubular in shape. Free-blooming and a very desirable Novelty.
Each, 20c; per dozen, $\mathbf{\$ 2 . 0 0}$.
RICARTONI A graceful shrub-like plant, dense in growth, covered during the whole summer with pendulous flowering twigs of bright scarlet flowers, Each 10c; per dozen, 60c; per 100, \$4.00,

## HELIOTROPE CENTEFLEUR

Best dark to date, $21 / 4$-inch pots, doz., 60c; per $100, \$ 4.00$.

## HYDRANGEAS

We will have in bloom for Easter fine Hydrangeas in pink and white, large plants in 6 and 7 -inch pots with from 4 to 6 flower heads. Each, $\mathbf{\$ 1 . 0 0}$ and $\$ 2.00$ depending on size of plants. Get your order in early.
OTAKSA. Well known pink variety, $2 \frac{1}{2} \mathrm{in}$. pots, each, 10c; dozen, 60 c ; 100, \$4.00,
NEW FRENCH VARIETIES. Of the long list offered, we have selected the following as being the most suitable for Florists' use.

Ready May 1st.
AVALANCHE. A very early and free-blooming milk white.
LA LORRAINE. Very large rose pink flowers borne in giant clusters. A general favorite.
MME. EMILE MOUILLIERE. Large pure white crimped flowers sometimes having a pink eye. A favorite in New York.
MME. MAURICE HAMAR. An early flowering flesh pink. A free and vigorous grower.
RADIANT. One of the best. Of a rose carmine which if treated will become a beautiful Cornflower Blue. $2 \frac{1}{2}$-inch pots, each, 25c; dozen. \$2.50; 100, \$18.00,
SOUVENIR de MME. CHANTARD. Bright rose colored flowers of a splendid erect habit of medium size, very free and early.
SOUVENIR de MME. RAOULT. One of the best of the new pinks to treat for blue flower.
Price-except where noted, $2 \frac{11 / 2}{1}$-inch pots, each, 15c; dozen, \$1.25; 100, \$8.00.
We can supply choice imported pot-grown stock of the above for fall delivery. Prices ready May ist.

## IPOMOEA-Moon Flower



MRS. F. SANDER. Improved double white. Large pure white flowers beautifully fringed. Valuable for cut-flowers and pot plants. Very free.

|  | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: |
| $21 / 4$-inch pots | . 5010 | S0 60 | \$ 400 |
| 4 -inch pot | 20 |  | 1200 |

QUEEN ALEXANDRA. Hándsome pure white flowers, single, semidouble and double all on one plane.

|  | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: |
| 21/4-inch pots | \$0 10 | \$0 60 | \$ 400 |
|  | 20 |  | 120 |




## KENTIA BELMOREANA

| KENTIA BELMOREANA |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Size Pots | Leaves | Height | Each | Per doz. |
| 4 inches. | 4-5 | 16-18 inches | . $\$ 050$ | \$500 |
| 5 inches. | 5-6 | . 18-20 inches | 75 | 800 |
| 6 inches. | 6 | .22-24 inches | 150 | 1700 |
| 6 inches. | 6-7 | .26-28 inches | 200 | 1700 |

## KENTIA BELMOREANA-Made up



|  | KENTIA FORSTERIANA |  |  |
| :---: | :---: | :---: | :---: |
|  | Leaves | Height |  |
| 6 inches | 5-6 | 30-32 inches. | 150 |
| 6 inches. | 5-6 | 34-36 inches. | 200 |
| 7 inches. | 6-7 | . 36-40 inches. | 350 |
| 8 inches. | 6-7 | . 40-44 inches. | 400 |
| 8 inches. |  | 44-48 inches. | 500 |
| 8 inches. |  | 52-55 inches. | 600 |
| 10 inches. | 6-7 | 60 inches. | 800 |

## KENTIA FORSTERIANA-Made up



## PANSY PLANTS



## PENNISETUM-Fountain Grass

Beautiful grass-like plants with graceful plumes $2 \frac{1}{2}$ to 3 feet high which are very effective as borders for Canna beds.
LONGISTYLUM. White plumes.
RUPPELIANUM. Purple plumes.
$21 / 4$-inch pots..
Doz., 75c; 100, \$5.00


POINSETTIAS-"The" Xmas Plants
Ready in June. Each Doz. 100

|  | Ready in June. | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: |
| 21/2-in. pots |  | \$0 10 | \$0 85 | \$600 | 60c; 100, \$4.00. Doz. 60c; $100 \$ 4.00$.

If you are a buyer of Palms, Ferns, etc., a personal visit of inspection to our Greenhouses and Nurseries at Western Springs, Ill. (one-half hour's ride from Chicago), will repay you.

Long Distance Telephone No. 339.
Western Springs, III.

## PHOENIX CANARIENSIS

ize Pot
7 inch......
8 inch.
8 inch Tub.

Ready May 15.

| ady May 15. Height | Each |
| :---: | :---: |
| 28-30 inches. | \$2 50 |
| 30-35 inches | 300 |
| 40-45 inches. | 400 |

PHOENIX ROEBELENII
Size Pot
$21 / 2$ inches.
Each Doz. 100 \$0 20 \$2 00 \$15 00

## PHOENIX ROEBELENII-Large sizes

| $\left.\begin{array}{c} \text { Size Pot } \\ 7 \text { inches } \\ 8 \text { inches } \\ 9 \text { in. Tub } \\ 11-\mathrm{in} . \text { Tub } \end{array}\right\}$ |  | Spread | Each | Doz. |
| :---: | :---: | :---: | :---: | :---: |
|  | Specimen $\begin{aligned} & \text { Height } \\ & 20-22 \text { i } \\ & 22-24 \\ & \text { in } \\ & 2826 \text { in }\end{aligned}$ | $\begin{aligned} & \text { Spread } \\ & .22-24 \text { in } \end{aligned}$ | \$250 |  |
|  |  | 24-28 in | . 300 |  |
|  |  | 30-32 in | 500 |  |
|  |  | 34-36 i | 800 |  |
| PANDANUS VEITCHII |  |  |  |  |
| A grand lot of nicely colored plants. Choice and well grown. Each Doz. |  |  |  |  |
| 4-in. pots, | rong plants. |  | \$0 60 | \$5 00 |
| $5-\mathrm{in}$. pots, | rong plants |  | 1150 | 10 1500 |
| 6-in. pots, | rong plants |  | 150 | 1500 |
| COCOS WEDDELIANA |  |  |  |  |
| Size Pot 21/2-inch |  |  | Each $\$ 025$ | $\begin{array}{r} \text { Doz. } \\ \$ 250 \end{array}$ |

## PRIMULAS--Primroses

Grown from the finest strain of seed in the world of which we sell large quantities to the most particular pot-plant specialists. OBCONICA, Gigantea and Grandiflora. $21 / 4 \mathrm{in}$. assorted colors. Doz.,
SINENSIS. Chinese Primaroses, Blue, Pink, Red and White. $21 / 2 \mathrm{in}$.,
MALACOIDES. (The improved Baby Primrose.) Scores of dainty vari-colored and sweetly scented flowers are borne on light graceful stems. An excellent novelty for counter trade at the holiday season
$21 / 2$ in pots. Doz., 60c; 100, \$4.00; 3 in., Doz., $\$ 1.25 ; 100, \$ 8.00$.

## SALVIA-Scarlet Sage

DROOPING SPIKES. $21 / 2$ feet. Large flowering, very free.
FIREBALL. $11 / 2$ feet. Very early and large flowering.


$$
\frac{\text { SOLANUM MELVINI-Jerusalem Cherry }}{\text { Ready about May ist. }}
$$

New oval-fruited, the best Xmas variety

## VERBENAS

Ready about May 1st.
Doz.
Pink, purple, scarlet, white and mixed. $2 \frac{1}{2}$-in. pots.... $\$ 0$ 60 $\$ 400$

|  | VINCA-Major Variegata |  |  |
| :---: | :---: | :---: | :---: |
| Size Pots | Each | Doz. | 100 |
| $21 / 4$ inches | \$0 10 | \$0 75 | \$5 00 |
| 3 inches. | 15 | 150 | 1000 |
| 4 inches. | 20 | 200 | 1500 |

## VAUGHAN'S NOVELTIES IN ROSES, 1914



MADAME JULES GOUCHAULT

Mme. JULES GOUCHAULT (Dwarf Polyanthus). Flowers vermillion and orange, changing to rose and pale pink when matured. They are produced in large and lasting panicles of from 25 to 30 blooms. This year it has gained many awards both in England and on the Continent, and is decidedly a distinct and stirling novelty. 2 yr . each, $\$ 1.50 ; 21 / 2 \mathrm{in}$. each, 35c.; doz., $\$ 3.50$. (Ready in May).
Mme. CHAS. LUTAUD (H. T.). Large full fowers, of an exquisite chrome yellow, and shrimp red color, borne on long erectstems. It is delightfully fragrant, and retains its color to the end; an ideal rose for any purpose. $21 / 2$ in., pots each, 20c.; doz., \$2.00. (Ready in May).

KILLARNEY BRILLIANT (H. T.). It has the same habit of growth and the same freedom of bloom as its parent, while the flower is twice as large, having 25 to 40 full sized petals. The color is a brilliant pink, in bright weather it is almost crimson

OPHELIA (H.T.), Intense salmon or glowing pink, often suffused with fiery salmon and shaded gold on the outer petals. The bud is long and pointed. $1 t$ is short-jointed, long stemmed, and a strong bushy grower with
clean foliage.

PRICES of the two latter for March delivery are as follows
On own roots, $21 / 2$ in., each 50c; doz. $\$ 5.00$; 100, $\$ 30.00$; $1000, \$ 250.00$.
Grafted plants, $2^{1 / 2}$ in., each 60c; doz. $\$ 6.00$; 100, \$35.00; 1000, \$300.00.


JONKHEER MOCK

## BEDDING ROSES

The following roses are offered as 2 yr. dormant roots, and comprise the best Hybrid Tea (H. T.) and Hybrid Perpetual (H. P.) varieties, in colors now most in demand, and suitable either for bedding, or for use as cut flowers.

## DORMANT STOCK

|  | Each | Doz | 10 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alfred Colomb, H. P., bright carmine red | \$0.20 | \$2.00 | \$14.00 |  | Each | Doz. | $\begin{gathered} 100 \\ \mathbf{s 1 5 . 0 0} \end{gathered}$ |
| American Beauty, H. P., deep pink | .20 | 2.00 | 15.00 | Kıliarney, H. Tor, choice pink............. | $\begin{array}{r} \$ 0.20 \\ .25 \end{array}$ | $\begin{array}{r} \$ 2.00 \\ 2.50 \end{array}$ | S15.00 |
| Anna de Dlesbach, H. P., beautiful | . 20 | 2.00 | 14.00 | Lady Ashtown, H. T., pink a | . 35 | 2.50 | 18.00 |
| Avoca, H. T., crimson scarlet, | .30 | 3.00 | 20.00 | La France, H. T., bright satin pink | . 20 | 3.00 2.00 | 20.00 15.00 |
| Baroness Rothschild, H. P., bright satiny pin | . 20 | 2.00 | 14.00 | LYon, H. T. (new), shrimp pink and | . 30 | 3.00 | 20.00 |
| Captain Christy, H. T., flesh white. . . . . . | . 20 | 2.00 | 14.00 | Mabei Morrison, H. P., | . 20 | 2.00 | 15.00 |
| Caroiline Testout, H. T., satin rose, extra choice | . 20 | 2.00 | 15.00 | Mme. Gabriei Luizet, H. P., light | . 25 | 2.50 2.00 | 18.00 |
| Edward Mawiey, H. T., crimson | . 40 | 4.00 | 30.00 | Mme. Plantier, H. P., pure white. | . 20 | 2.00 2.00 | 14.00 |
| Frau Kari Druschki, H. P., the | . 20 | 2.00 | 15.00 | Magna Charta, H. P., deep pink | 20 | 2.00 | 14.00 |
| Gen. Jacqueminot, H. P., bright shining crimson. | . 20 | 2 | 14.00 | Marshail P. Wilder, H. P., bright | . 20 | 2.00 | 15.00 |
| Geo. C. Waud, H. T., orange scarlet. | .35 | 3.50 | $\underline{25.00}$ | Mrs. Aaron Ward, H.T., extra fine G | . 20 | 2.00 3.00 | 15.00 |
| Gioire Lyonnalse, H. P., light creamy ye | . 20 | 2.00 | 15.00 | Mrs. John Lalng, H. P., bright shining pin | .30 | 3.00 2.00 | 14.00 |
| Grush an Tepson, H. P., brilliant crimson | -20 | 2.00 | 15.00 | Mrs. R. G. S. Crawiord, H. P., light flesh pink | 20 | 2.00 | 14.00 |
| John Hopper, H. P., brilliant rosy | . 25 | 2.00 2.00 | 15.00 | Paui Nyron, H. P., d | . 20 | 2.00 | 14.00 |
| J. B. Ciark, H. T., intense scarlet | . 20 | 2.00 | 14.00 | Poilaertros | . 25 | 2.50 | 18.00 |
| Jonkheer Mock, H. T. (new), carmine pink | . 35 | 3.50 | 25.00 | Ulich Brunner, H. P., cherry crims | . 20 | 2.00 2.00 | 14.00 14.00 |
|  |  |  |  | White Killarney, H. T. . . | . 30 | 3.00 | 20.00 |

We offer the following roses in pots, all clean, healthy, well rooted stuff. Those marked thus ${ }^{*}$ ) will not be ready to send out in $31 / 2$ in. pots until April 15th.

|  | $\begin{aligned} & 21 / 2 \text { in } \\ & \text { Doz. } \end{aligned}$ | Pots. <br> 100 | Doz. | Pots. <br> 100 |
| :---: | :---: | :---: | :---: | :---: |
| *American Beauty, deep rose. | \$1.25 | \$8.00 | \$2.50 | \$18.00 |
| Clothilde Soupert, pink -3-inch | .65 | 4.00 | 1.50 | 10.00 |
| * Cynthia Forde, rose pink | 1.25 | 8.00 | 2.00 | 15.00 |
| Gruss an Teplitz, scarlet | 1.60 | 8.00 | 1.50 | 10.00 |
| *Jonkheer Mock, silvery pin | 1.50 | 10.00 | 3.00 | $\underline{10.00}$ |
| KKilis. A. Victoria, white | 1.00 | 7.50 | 2.00 | 15.00 |
| *Killarney, pin | 1.00 | 7.50 | 2.00 | 15.00 |
| *Lady Hillingdon, yello | 1.00 | 7.50 | 2.00 | 15.00 |
| *Milady, scarle | 3.00 | 20.00 | 4.00 | 30.00 |

## VARIOUS ROSES

All 2-yr. dormant plants.


|  | $\begin{aligned} & 21 / 2 \text { in } \\ & \text { Doz. } \end{aligned}$ | Pots. 100 | $31 / 2$ in Doz. | Pots. 100 |
| :---: | :---: | :---: | :---: | :---: |
| Mrs. Aaron Ward, orange | \$1.00 | \$7.50 | \$2.00 | \$15.00 |
| *Piy Maryiand, pink | 1.00 | 7.50 | 2.00 | 15.00 |
| *Pin | 1.00 | 6.00 | 1.75 | 12.00 |
| *Phiraertrose, ${ }^{\text {* }}$ | 1.00 | 7.50 | 2.00 | 15.00 |
| *Richmond, scarle | 1.00 | 7.50 6.00 | 1.75 | 15.00 |
| *Sunburst, glowing ora | 2.00 | 15.00 | 1.75 | 12.00 2500 |
| *White Cochet | 1.00 | 6.00 | 1.75 | 12.00 |
| *White Killarney | 1.00 | 7.50 | 2.00 | 15.00 |
| Wm. R. Smith, shell pink | 1.00 | 6.00 | 1.75 | 12.00 |

## TREE OR STANDARD ROSES

Our selection of the best Hybrid Perpetual varieties. Fine bushy heads, on straight 3 -ft. stems, 2-yrs. grafted. Pink, Red and White. Each 75c; per dozen $\$ 8.00$.

## ROSES IN BLOOM FOR EASTER

We will have in full bloom for Easter, Baby Ramblers, Crimson Ramblers, Lady Gay, Tausendschon, Dorothy Perkins, Philadelphia, Excelsa, Hiawatha and others. In sizes from 5 -inch pots up to 8 -inch; ranging in price from 50 c each to $\mathbf{\$ 8 . 0 0}$ each. Write us for list about March 1st.

## ENGLISH MANETTI STOCK FOR GRAFTING

For delivery December or January next. Write for prices.

## CLIMBING ROSES

The forcing of roses for Easter has ceased to be an experiment but is now a necessity. We particularly recommend for Easter forcing such varieties as Dorothy Perkins, Exceisa, Fiower ol Fairfield, Hiawatha, Lady Gay and Tausendschon. The stock which we have to offer in these varieties is the best to be had for this purpose.

AMERICAN PILLAR. Immense trusses of enormous single flowers of a beautiful shade of pink. 2-yr dormant
3-yr.
BALTIMORE BELLE. Large double flowers; pale blush. 2-yr dormant.

CLIMBING CLOTHILDE SOUPERT. The facsimile of Clothilde Soupert, but a vigorous climber, constantly covered with its shell pink flowers.
$21 / 2-\mathrm{in}$. pots.
$31 / 2-\mathrm{in}$. pots.
CLIMBING CECILE BRUNNER. Semi-double fowers, color deep pink shading to pale pink $21 / 2$-in. pots

CRIMSON RAMBLER 2 -yr., well branched, budded.
3-yr well branched budded.
DOROTHY PERKINS. The best of the Pink Ramblers. Full double flowers in clusters of beautiful shell-pink. 2-yr dormant.
3-yr dormant.
EXCELSA. A distinct variety in form, color and habit, vigorous grower. The foliage is dark glossy green. Flowers very double, produced in large trusses, thirty to forty on a stem. The; color is intense crimson maroon; tips of the petals tipped with scarlet. $2-\mathrm{yr}$ dormant.

FLOWER OF FAIRFIELD. Crimson flowers, produced in great profusion, growth vigorous,
blooms freely throughout the season. 2-yr. dormant.

HIAWATHA. A distinct acquisition. Flowers are single, intense crimson, petals shading to pure white. Fine for forcing. $2-\mathrm{yr}$ dormant. . .
LADY GAY. A delicate cherry pink which fades to a soft pink. The flowers are in clusters similar to the Crimson Rambler. It forces well and is in great demand at Easter. 2-yr 3-yr dormant.
MARECHAL NIEL. Hardy only in southern states; color golden yellow. $2 \frac{1}{2}$-in. pots. $3^{1 / 2-i n}$. pots.
PHILADELPHIA RAMBLER. Like the Crimson Rambler, but the trusses are more dense, and of a deeper shade of crimson, retaining their form and shade for a longer period. 2-yr....
PRAIRIE QUEEN. Bright red, changing as the flower opens to deep pink.
2-yr.dormant.
3-yr. dormant
SOUTH ORANGE PERFECTION. (Wichuriana) Flowers blush pink, fully double, profuse bloomer. 2-yr dormant.
TAUSENDSCHON. The flowers appear in large clusters from the beginning of June till end of July. A beautiful soft pink, same color as Clothilde Soupert; later on changing into rosy carmine. 2 -yr dormant.
3 -yr selected
UNIVERSAL FAVORITE. (Wichuriana). Blush white, double, with beautiful glossy green foliage. 2-yr dormant.
WHITE DOROTHY. The counter-part of the pink Dorothy Perkins, except color, being pure white and a very free bloomer. 2-yrdormant 3-yr select..
WICHURIANA. Pure white flowers and glossy green foliage. 2-yr dormant. ............ . . . . .

STANDARD OR TREE TRAINED SPECIMENS Fine bushy heads: 3 ft. stems; "Crimson Rambler"; "Lady Gay"; "Dorothy Perkins." Each, 75c; per doz., \$8.00.

## POLYANTHAS AND BABY RAMBLERS

[^1]

TYPE OF BABY RAMBLER

## POLYANTHAS AND BABY RAMBLERS-Continued

CECILE BRUNNER (Dwf. Polyanthus). There is no doubt about the present popularity of this grand rose. It has a color that is both distinct and beautiful, and its profusion of blossoms, and long-flowering period all serve to make it a perfect rose for beds and borders. The buds at first appear rose pink, shading to salmon and orange in the center, toning off to pale flesh when fully open.

Each Doz. 100


JESSIE. The "best of all" forcing roses. Bright cherry crimson flowers borne in large clusters which never fade to that objectionable purple. A remarkably free bloomer, with glossy green foliage entirely free from mildew.


Standards- $12-\mathrm{in}$. stems................................. 800
ORLEANS. Bright red tinted pink, shaded white in center novel and beautiful. Large bouquets of flowers and remarkably free blooming. Excellent for pot plants, and forcing. Sure to be a favorite.

## 2-yr dormant, budded. <br> 3-yr dormant budded.

| Each | Doz. | 100 |  |  |
| ---: | ---: | ---: | ---: | ---: |
| $\mathbf{\$ 0}$ | 20 | $\$ 2$ | 00 | $\$ 16$ |
| 25 | $\mathbf{2} 50$ | $\mathbf{5 0}$ | $\mathbf{1 8}$ | $\mathbf{0 0}$ |

PHYLLIS. Large clusters of slightly frilled Lawson pink flowers bloomer and very desirable for pot culture

2-yr dormant, budded.
$3-\mathrm{yr}$ dormant, budded.
Standards- $\mathbf{1 2 - i n}$. stems.

| Each | Doz. | 100 | 1000 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| .$\$ 0$ | $\mathbf{2 0}$ | $\$ 2$ | $\mathbf{0 0}$ | $\mathbf{\$ 1 6}$ | $\mathbf{0 0}$ |
| $\mathbf{2 5}$ | $\mathbf{2}$ | $\mathbf{5 0}$ | $\mathbf{1 8}$ | $\mathbf{1 5 0}$ | $\mathbf{1 7 5}$ |
| $\mathbf{0 0}$ |  |  |  |  |  |
|  | $\mathbf{0 0}$ |  |  |  |  |
|  | $\mathbf{7 5}$ | $\mathbf{8}$ | $\mathbf{0 0}$ |  |  |
|  |  |  |  |  |  |

VAUGHAN'S WHITE BABY. A true white " Baby,"' never out of bloom. Very dwarf and bushy. Flowers borne in large clusters of 50-75.
$21 / 2$-in. pots. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 10$ © 10 \$0 60 \$ 400

On all orders for Dormant Roses, Vines, Shrubs and Trees, packing wiii be charged at cost.


## HARDY CLIMBERS

On all orders for. Dormant Roses, Vines, Shrubs and Trees, packing will be charged at cost.

## AMPELOPSIS

VEITCEII. (Japan or Boston Ivy.) 2-year-old plants. 3 -year-old plants.
Veitchii Robusta Purpurea. 3 -year-old
Dumetorum Laciniata. 2-year-old
Engiemani. Similar to Virginia Creeper. year-old plants.
3-year-old plants
Lowil. New.
Quinquefolia. (Virginia Creeper or Woodbine) 2-year-old plants
3-year-old plants. 4-year-old plants.

## APIOS Tuberosa

ARISTOLOCHIA SIPHO. (Dutchman's Pipe.) 2-year-old.
3 -year-old, 4 to 6 feet.
BIGNONIA RADICANS. (Trumpet Creeper.)
2-year-old plants.
3 -year-old plants.
4-year-old plants.
CELASTRUS ARTICULATUS. (Japan Bitter Sw

## 2 years.

CELASTRUS SCANDENS.
Sweet or Wax-work), 2-year
3 years..
4 years.
CINNAMON VINE. Mailing size.
Extra strong

## CLEMATIS-Large Flowering

We have for this season a large stock of these popular climbers and can take care of all orders.
BEAUTY OF WORCESTER. Clear sky blue. GIPSY QUEEN. One of the best; rich purple. HENRYII. Finest large single white.
JACKMANII. The popular dark, rich, royal purple.
MAD. BARON VEILLARD. Light rose, shaded lilac.
MISS BATEMAN. White.
SIEBOLDI. Large lavender flowers.
"VILLE DE LYON." Large crimson flowers.

## CLEMATIS - Various

COCCINEA. Bright coral red, 2 -year-old.
CRISPA. Deep blue with white border, 2-year. 2-year-old
30
30
3 -year-old
40 $\mathbf{4} 20$

2000
3000

INTEGRIFOLIA DURANDI. Of semi-climbing
habit, large indigo-blue flowers

| Each | Doz. | 100 |
| :---: | :---: | :---: |
| 20 | 200 | 1200 |
| 50 | 250 | 1500 |
| 30 | 300 | 2200 |
| 25 | 250 |  |
| 20 | 175 | 1200 |
| 25 | 250 | 1500 |
| 30 | 300 |  |
| 15 | 25 | 800 |
| 25 | 250 | 1500 |
| 30 | 300 | 2000 |
|  | 35 | 200 |
| 25 | 250 | 1800 |
| 40 | 400 | 3000 |
| 15 | 150 | 1000 |
| 25 | 250 | 1500 |
| 30 | 300 | 2000 |
| eet.) |  |  |
| 15 | 125 | 800 |
| 20 | 200 | 1500 |
| 15 | 125 | 8. 00 |
| 20 | 200 | 1500 |
| 30 | 300 | 2200 |
|  | 35 | 200 |
|  | 50 | 300 |

## CLEMATIS-Small Flowering

PANICULATA. (Japanese Virgin's Bower.) The best of all small flowering varieties. Flowers are pure white, borne in immense sheets and very fragrant. We have an extra large and fine stock.

|  |  | Each | Doz. | 100 |
| :---: | :---: | :---: | :---: | :---: |
| 2-year-old clumps. | per 1000, \$90.00 | \$0 15 | \$1 50 | \$10 00 |
| 3-year-old clumps. |  | 20 | 200 | 1500 |
| 4-year-old clumps. |  | 35 | 360 | 2500 |

## HONEYSUCKLES (Lonicera)

## AUREA RETICULATA. (Japan Gold

Leaved) Variegated foliage.
CHINESE TWINING. Very free. HALLEANA. (Hall's Japan.)
HECKROTTI. (New Sweet Scented.) SEMPERVIRENS. (Scarlet Trumpet or Coral.)

## WISTARIA



MAGNifica. Blue Flowers.
2 -year-old plants.
3 -year-old plants.
$25 \quad 250$
3-year-old plants
$\begin{array}{lllll}35 & 3 & 60 & 25 & 00\end{array}$
4-year-old plants.
450

## MISCELLANEOUS CLIMBERS




## HARDY PERENNIAL PLANTS

All Perennials, unless otherwise stated, are furnished in strong 3 -inch pot plants or divided field clumps. Not less than 6 of a variety sold at the dozen rate, or 25 at the hundred rate.


## HARDY PERENNIAL PLANTS－Continued

DIANTHUS Barbatus，see Sweet William．
Latifolius Atro－Cocclneus，crimson， 15 in． Plumarius Countess Knut，pink Cyclops．
Delicata，soft rose， 12 in
Dladematus
Her Majesty，pure white， 1 ft ．
New Double Pink
Perfection，double white and crimson， 8 in Single Mixed
Double Mixed，from cuttings
Hybridus Napoleon 1II，improved
DICTAMNUS Fraxinella，pink， 3 ft
Fraxinella Alba，white， 3 ft ．
DIELYTRA Spectabilis，pink．
DIGITALIS Gloxiniaeflora，（Foxglove）pink， purple or white and mixed， 3 ft
Grandiflora
Lanata，creamy white， 2 to 3 ft ．
Maculata Iveryana，white spotted．
Each
s 10
10
10
20
10
10
15
10
10
10
15
10

ERYNGIUM Amethystinum，amethyst blue， Planum to 3 ft ．
EUPATORIUM Ageratoldes，white， 3 ft ．
Coelestinum，light blue， 2 ft
Fraseri，white， 3 ft
EUPHORBIA Corollata，white， $11 / 2 \mathrm{ft}$

## HARDY FERNS

ADIANTUM Pedatum（Hardy Maiden Hair）
ASPIDIUM Acrostichoides（Wood Fern） Cristatum
Goldianum（Shield Fern）
Marglnale．
Splnulosum
Thelypterls．
ASPLENIUM Angustifolium
Felix－foemina（Lady Fern）
ONOCLEA Senslbills（Sensitive Fern）
Struthiopteris（Ostrich Fern）
OSMUNDA Claytonla（Flowering Fern）
FOXGLOVE－See Digltalis．
FUNKIA Cucullata Medio Picta，purple， 1 ft ． Lanceolata，dark blue， 1 ft
Subcordata Grandifiora Alba，pure white
Undulata Medlo Variegata，purple flower，
GAILLARDIA Grandifiora，Copper Red
Grandifiora Frlendship（New），yellow，crim－ son ring
Masterplece（New），crimson，yellow edge Maxima，yellor
Kermesina Splendens
Grandiflora，mixed．
GENTIANA Andrewsli，deep blue， 1 ft
GERANIUM Sanguineum

## Album

GEUM Splendens，orange yellow， $1 \frac{1}{2} \mathrm{ft}$
GRASSES Erianthus Ravennae，pampas grass narrow green， 10 ft
Eulalla Gracillima Univittata，midrib， 4 ft ．．． Japonica Variegata（Japan Rush），pinkish Zebrina
Festuca Glauca brass， 5 ft
Phalaris Arundinacea Varlegata
GYPSOPHILA Paniculata，white， 3 ft
Paniculata Fl．Pl．，double white， 3 ft
Repens Monstrosa，white， $11 / 2 \mathrm{ft}$ ．
HELENIUM A utumnale Rubrum，red， 6 ft
Autumnale Superbum，deep yellow， 6 ft
Hoopesil，golden yellow．
Riverton Beauty，black cone， 3 ft
Riverton Gem，old gold and terra cotta， 3 ft
HELIANTHUS Dlvarlcatus，yellow， 2 ft
Miss Mellish，yellow， 5 ft ．
Multifiorus Plenus，double yellow
HELLEBORUS NIger（Chri
HEMEROCAIIS Auranistmas Rose）white
Dumortlerii，yellow， 2 ft
Flava，pale yellow
Florham，rich yellow
Fulva，deep orange color， 3 i／ ft
Kwanso Fi．Pl．，douole orange， $21 / 2 \mathrm{ft}$
Soverelgn，extra fine yellow， $21 / 2 \mathrm{ft}$ ．
HEUCHERA Brizoldes Graclllma，rosy car－ Flambeau，bril
Flumbeau，briliant rose， 2 ft
Plule de Feu，scarlet， 2 ft
Sangulnea，bright scarlet， $11 / 2$ ft
Walker＇s Varlety（new），large，scarlet
HIBISCUS Crimson Eye．
Mallow Marvels，mixed

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| 8\％88888888．8 | 888888 | 8888 | ¢8888888888 | 88 |



## VAUGHAN'S PEONIES

We have an exceptionally large stock of our own growing, strletly true to name, all in strong divisions, with from 3 to 5 eyes cach. Besides these divided roots, we can supply many of the following varieties in plants; one, two, three and five years from division. These sizes are more suitable for private customers. Write to us for prices on varieties you desire in large plants.

## WHITE AND LIGHT SORTS

Canarl. Guard petals flesh, center yellow, bombshaped flower. Late.................................. pink. Collar amber white, fragrant; midpink.
Charlemagne. Lilac-white with blush center; fragrant, free. Late, extra..
Couronne d'Or. Snow-white, yellow reflex, very large. Late; a splendid long distance shipper. Splendid cut flower.
Duchess de Nemours (Calot). Sulphur white with greenish reflex, cup shape...................
Duke of Wellington. Very large well formed sulphur white bloom, stems very firm and long; fragrant.
Festlva Maxlma. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.

Divided Roots Each Doz. 100
eanne d'Arc. Soft pink, center sulphur white and pale pink, very fragrant. Valuable for cut flowers, Very similar to Golden Harvest. ...
La Tullpe: Delicate rose, fading to creamy white, tipped with carmine; very large bloom, late.
Madame Breon. Guards rosy-flesh, center creamy white, fading to pure white. Large long stem, fragrant, early.
Madame Crousse. Snow-white, large and full; center petal dipped carmine.
Madame de Verneville. Guard petals sulphur white, center delicate rose white, one of the most desirable of the white Peonies for all purposes.
Marle Lemolne. Large, compact, pure white, cream white center. Some carmine tips. cream white center.
. Dupont. Clear ivory white, with brilliant carmine border on center petals.
Nlvea Plenisslma. White, slightly shaded vcllow
Queen Vlctorla. White, center petals dipped carmine, large, full bloom; one of the best cut flower sorts, early.

## LIGHT AND DARK PINK AND ROSE

Alexander Dumas. Brilliant pink, interspersed with white and salmon; very early and free fine for cutting. . . . . . . . . . . . . . . . . . . . . . . . . . . pink, shaded violet. Very large, early, excellent put flower.
Edulls Superba. Large flat crown, bright mauve pink, edged with lilac. Free bloomer..........
Eugene Verdler. Delicate flesh pink, very tall, free and very beautiful. Midseason........... .
Faust. Delicate flesh with a dark center. Midseason.
Horal Treasure. Bright pink, large and double, very fragrant. Good keeper.
Kohlnoor. Shell pink, very free, splendid cut flower sort. Midseason. . . . . . . . . . . . . . . . . . . . . .
Madame de Galhau. Soft flesh pink, shaded salmon, extra long stemmed variety.
Madame Geissler. Silvery-pink, shading to rose at base of petals. Immense flower
M. Barral. Fine pink; very large and double. Strong stem. Late. .
Model of Perfection. Large cup shaped bloom, pink marbled rose, silvery border.
M. Jules Elle. Very large globular flowers with broad imbricated petals, glossy pink silver reflex. Fragrant.
Perfection. Soft pink, center lighter; free bloomer Good cut flower sort

6

Prolifera Tricolor. Medium size. Guards fleshwhite, collar sulphur yellow. Pale rose crown, fragrant, free, late.


FESTIVA MAXIMA - The best known White Peony

Pulcherrimar. Outside petals flesh, center pink, Each Doz. 100 fine cut-flower variety . . . . . . . . . . . . . . . . . . . . . . $\$ \mathbf{\$} \mathbf{2 0}$ \$2 00 \$14 00

Souv. de G. Calot. Very large bloom, satiny pink shaded glossy soft lilac.
Thorbeckil. Deep rose pink, lighter in center; medium, dwarf
Triomphe de L’Expos. de Lille. Shell pink with a peculiar double crown. Midseason.
Triumphans Gandavensls. Soft salmon pink, shading to creamy white with carmine spots, free bloomer, strong grower.

## RED AND CRIMSON

Adolphe Rousseau. Dark amaranth, yellow stamens, tall and fine, early; onc of the darkest. Berlioz. Brilliant dark red, flowers very iarge imbricated.
Delachei. Rich deep purple, strong grower and free bloomer. Midseason.
Felix Crousse. One of the best red sorts, large double ball-shaped flowers. Free bloomer.
Madame Lebon. Very large. compact, globular. Cherry pink to aniline red; fragrant, buds tight, open slowly, tall.
M. Krelage. Large compact, dark solferino rcd with silvery tips; strong, upright, frce bloomer. .
Officinalis Rubra Piena. This is the old fashioned red; the most brilliant of all reds

President Roosevelt. Fine full bloom. Very brilliant-red

UNNAMED PEONIES-Divided Roots of 3 to 5 Eyes
Double White, Plnk and Red
$\$ 150 \quad \$ 1000$ Double Mixed

## PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young, and each has 3 to 5 eyes. These cases contain 67 double white, 66 doublc pink and 67 double red, each color separate- 200 roots in all.

Price, 200-Case for $\$ 18$ 00. 2 Cases for $\$ 3500$. We cannot divide cases.

## JAPANESE TREE PEONIES

We have a fine collection of these choice Peonies in 3-year old plants at 75c each.

## SINGLE PEONIES

Single Peonies in red, white and pink, in named varieties
Each 25c; doz. \$2 40; per 100 \$18 00

SURPLUS GERMAN IRIS. Of some of the best varieties of these we have a large surplus and will quote special prices for large lots, our selections of kinds.

NURSERY STOCK. Our trees and shrubs are grown with a view of satisfying the most critical retail trade and is therefore not to be compared to stock that is grown for the wholesale trade. Come and see it

## HARDY PHLOX

(D) Dwarf grower
(M) Medium growe
(T) Tall grower white center
so
Athis (T 2). Fine salmon pink

| $\begin{aligned} & \text { Doz } \\ & \$ 085 \end{aligned}$ |  | 100 |  |
| :---: | :---: | :---: | :---: |
|  |  | \$ 6 |  |
|  | 85 | 6 | 00 |
| 1 | 25 | 8 | 00 |
|  | 85 |  | 00 |
| 2 | 00 | 15 |  |
|  | 85 |  | 00 |
| 1 | 00 |  | 00 |
| 1 | 00 | 7 | 00 |
| 1 | 50 | 10 | 00 |
|  | 85 |  |  |
|  | 50 | 10 | 00 |

Baron Von Dedem (T 2). New. Blood-red scarlet with immense trusses and large individual flowers
Beranger (D 1). Ground color white, delicately suffused with rosy pink and a distinct a maranth red ere
Braga ( 1 2). Lilac-rose and salmon, large Bridesmaid (D 2). Pure white, large crimson carmine eye.
Clara Benz (M 2). Brilliant carmine rose.
Coqueiicot (T 2). A beautiful orange scarlet,
crimson eys................................... Koenigshal
Eclaireur ( $T$ 3). Brilliant rosy magenta with lighter halo. .
Elizabeth Campbeli (New) (M 2). Bright salmon pink with lighter shadings and dark crimson eye.
Eugene Danzanvilliers (D 1). Soft lilac blue, with large white center, free and continuous bloomer
Fiora Hornung (D 2). Large milk white with carmine eye.
$10 \quad 85 \quad 600$

Frau Ant. Buchner (New) (D 2). Pure white, Undoubtedly the finest white to date, strong habit. Very desirable
Fraulein Von Lassberg (T 2), snow-mhite, extra fine; flowers and flower heads very large.
G. A. Strohiein (MI 2), Glowing orange-scarlet with blood-red eye. Immense head
General Von Heutz (MI 2). Brilliant salmon-red with white center. Very large heads; free bloomer. Extra fine
Gruppen Koenigin (M2). Flesh with dark eye Immense heads: Very large individual flowers, very free and lasting.
Jeanne d'Arc ( T 3), Pure white..
Le Mahdi (M 2). Dark purple violet
Mme. Paui Dutrie (New) (M 1). Soft pink, suffused white.
Mrs. Arthur Baker (AI 2). Fine salmon; very distinct.
Pantheon (T 2) © Deep salmon rose; very fine
Rhynstrom. An improvrd Pantheon

| 10 | 85 | 600 |
| :--- | :--- | :--- |


| 15 | 1 | 25 | 8 | 00 |
| :--- | :--- | :--- | :--- | :--- |

Rosenberg (New) (M 2). Bright reddish-violet with blood-red eve, large truss; flowers as large as a silver dollar
R. P. Struthers (T 2). Rosy carmine with claret seima (T 2) bright.
with

| 15 | 1 | 25 | 8 | 00 |
| :--- | :--- | :--- | :--- | :--- |


| 15 | 1 | 25 | 8 | 00 |
| ---: | ---: | ---: | ---: | ---: |
| 10 |  | 85 | 6 | 00 |

Of extra dwarf habit
Von Hochberg (M2). The ideal crimson
Mixed Seediings. 2-year old roots
Unnamed Varietles. 2 -year-old field clumps mixed colors.
PHLOX Subuiata. Pink
Divaricata Laphami. Blue


HARDY PHLOX

## HARDY PERENNIALS---Continued

RUDBECKIA, Golden Glow. Yellow.

| Each | Doz. | 100 |
| :---: | :---: | :---: |
| \$0 10 | \$0 75 | \$ 500 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 100 | 700 |
| 10 | 85 | 600 |
| 10 | 75 | 500 |
| 15 | 150 | 1000 |
| 10 | 85 | 600 |
| 15 | 125 | 800 |
| 10 | 85 | 600 |
| 15 | 125 | 800 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 15 | 125 | 800 |
| 10 | 100 | 700 |
| 10 | 75 | 500 |
| 10 | 75 | 500 |
| 10 | 100 | 700 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 75 | 500 |
| 10 | 85 | 600 |
| 10 | 85 | 6 00 |
| 10 | 85 | 600 |
| 15 | 125 | 800 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 85 | 600 |
| 10 | 75 | 500 |
| 15 | 150 |  |
| 15 | 150 |  |
| 15 | 150 |  |
| 15 | 150 | 1000 |
| 10 | 100 | 700 |
| 10 | 100 | 700 |
| 10 | 100 | 700 |
| 10 | 75 | 500 |
| 15 | 150 | 1000 |
| 15 | 125 | 800 |
| 15 | 125 | 800 |
| 25 | 250 | 1600 |

# ORNAMENTAL AND FLOWERING SHRUBS 



A VIEW AT VAUGHAN'S NURSERY, WESTERN SPRINGS, ILL.

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 firstclass 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 the continuation of East Boulevard.

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

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 customers assuming risk regarding. State Entomology requirements,

Certificate of Inspection will be furnished with each shipment.





HYDRANGEA PANICULATA GRANDIFLORA


SPIRAEA VAN HOUTTEI (Bridai Wreath)
SHRUBS, FLOWERING AND ORNAMENTAL-Continued


SHRUBS, FLOWERING AND ORNAMENTAL-Continued
RHUS, Copailina, $11 / 2 \mathrm{ft}$ Cotinus, Smoke Tree or Purple Fringe $11 / 2$ to 2 ft 2 to 3 ft
Specimens, 5 to 6 ft
Glabra, Smooth Sumach
2 to 3 ft .
4 to 5 ft
5 to 6 ft
6 to 7 ft .
Glabra Laciniata, Cut-leaved Sumach 2 to 3 ft
Typhina, Staghorn Sumach. 4 to 5 ft

| Each | Doz. | 100 |
| :---: | :---: | :---: |
| \$0 30 | \$3 00 |  |
| 20 | 200 |  |
| 30 | 300 |  |
| 40 | 400 |  |
| 75 | 800 |  |
| 15 | 150 | \$800 |
| 25 | 240 | 1500 |
| 35 | 360 | 2500 |
| 50 | 540 |  |
| 60 | 650 |  |
| 75 |  |  |
| 30 | 300 |  |
| 50 | 540 |  |
| 40 | 420 |  |
| 60 | 650 |  |
| 25 | 240 |  |
| 40 | 420 |  |
| 50 | 540 | 3000 |
| 60 | 650 | 4500 |
| 25 | 240 |  |
| 35 | 360 |  |
| 50 | 500 |  |
| 35 | 360 |  |
| 50 | 500 |  |
| 20 | 200 | 1200 |
| 40 | 400 | 3000 |
| 50 | 500 | 3500 |
| 20 | 200 |  |
| 35 | 360 |  |
| 20 | 200 |  |
| 35 | 360 |  |
| 30 | 85 | 500 |
| 30 | 300 |  |

Rugosa, 1 yr., red (for other varieties, see p.12)
Setigera, 3 yrs., strong.
500
SALIX (Willow) Babyionica. 6 to 7 ft
7 to 8 ft
Discoior, Pussy willow, 18 in 5 to 6 ft
Japonica, 7 to 8 ft
Laurifolia, 4 to 5 ft
5 to 6 ft .
Viminails, 4 to 5 ft
Wisconsin Weeping, 5 to 6 ft
SAMBUCUS Aurea, Golden EIder. 2 to 3 ft 3 to 4 ft
Laciniata, Cut-leaved Eider, 3 to 4 ft 4 to 5 ft Specimens, 5 to 6 ft
Nigra, European Elder, 3 to 4 ft
Racemosus, 2 to 3 ft .
Tenuifioiius, 3 to 4 ft., extra bushy
SNOWBALLS. See Viburnum
SPIRAEA Anthony Waterer.
1 to $11 / 2 \mathrm{ft}$., extra bushy.
Specimens, $11 / 2$ to 2 ft .
Arguta Muitifiora, 2 to 3 ft
3 to $4 \mathrm{ft} .$, bushy
Specimens, 4 ft .
Biilardil.
3 to 4 ft
4 to 5 ft
Specimens, 5 to 6 ft
Bumaida, 1 to $11 / 2$ ft., extra bushy
Caifosa Aiba, 2 to 3 ft .
Cailosa Froebeii Variegata.
2 to $21 / 2 \mathrm{ft}$., extra bushy
3 to 4 ft
Specimens, 4 ft .
Cafiosa Rubra, 2 ft., bushy
3 to 4 ft ., extra bushy.
Opulifoifa, 2 to 3 ft
Aurea, 4 to 5 ft .
Prunifolia, Fl. Pi., 2 ft
Thumbergii, $11 / 2$ to 2 ft ., bushy
2 to 3 ft ., extra bushy
Specimens, 3 ft
Van Houtteī, Bridal Wreath.
1 to $11 / 2 \mathrm{ft}$.
2 to 3 ft. 3 .
3 to 4 ft., extra bushy
3 to $4 \mathrm{ft} .$, extra bushy
4 to 5 ft ., extra bushy
4 to 5 ft ., extra bushy
STEPHANANDRA Flexuosa, 2 to 3 ft
SYMPHORICARPUS Heyeri.
2 to 3 ft ., bushy
occidentailis, 2 to 3 ft
3 to 4 ft
$\mathbf{3 0}$
$\mathbf{4 0}$
$\mathbf{5 0}$
$\mathbf{3 0}$
$\mathbf{4 0}$
$\mathbf{6 0}$
$\mathbf{2 0}$
$\mathbf{3 0}$
$\mathbf{5 0}$
$\mathbf{2 5}$
$\mathbf{3 0}$
$\mathbf{2 0}$
$\mathbf{3 5}$
$\mathbf{5 0}$
$\mathbf{2 5}$
$\mathbf{4 0}$
$\mathbf{2 5}$
$\mathbf{3 5}$
$\mathbf{3 5}$
$\mathbf{3 0}$
$\mathbf{3 0}$
$\mathbf{4 0}$
$\mathbf{5 0}$


1500
2000

Specimens, 5 ft .
Racemosus, Snowberry
2 to 3 ft .
Vuigaris, Indian Currant.
$21 / 2$ to 3 ft , bushy
3 ft., bushy
Specimens, 4 ft .
Vulgaris Foifis Variegatis, $21 / 2$ to 3 ft
Specimens, 3 to 4 ft
$\begin{array}{lll}3 & 00 \\ \mathbf{4} & 20 \\ 5 & \mathbf{4 0} \\ 3 & 00 \\ 4 & 20 \\ 6 & 50 \\ 2 & 00 \\ 3 & 00 \\ \mathbf{5} & 00 \\ 2 & 40 \\ 3 & 00 \\ 2 & 00 \\ 3 & 00 \\ 5 & 00 \\ 2 & 40 \\ 4 & 20 \\ 2 & 40 \\ 3 & 60 \\ 3 & 60 \\ 3 & 00 \\ 3 & 00 \\ 4 & 20 \\ 5 & 00\end{array}$

| N | فN | ¢WN0N |  |
| :---: | :---: | :---: | :---: |
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SHRUBS
TAMARIX Amurensis． 1 to $1 \frac{1}{2} \mathrm{ft}$
Galilica，Common Tamarisk．
Specimens， 5 to 6 ft ．
Hispida Aestivalis， 3 to 4 ft
Indican Specimens， 6 to 7 ft ．
3 to 4 ft
5 to 6 ft
VIB URNUM Acerifoiium， 3 to 4 ft
Dentatum，Arrow Wood．
2 to 3 ft ．
3 to 4 ft ．，extra bushy
Lantana，Wayfaring Tree，$\dot{2}$ to $\dot{3} \mathrm{ft}$ 3 to 4 ft ，bushy．
Molie，bushy， 3 to 4 ft
Specimens， 4 to 5 ft.
Opuius，High Bush Cranberry 2 to 3 ft
3 to 4 ft
Pilcatum，Japan Snowball， 2 to 3 ft 3 to 4 ft

FLOWERING \＆ ORNAMENTAL Continued

Sterilis，Snowball or Guelder Rose 2 to 3 ft

| Each | Doz． | 100 |
| :---: | :---: | :---: |
| \＄0 15 | \＄1 25 | \＄ 800 |
| 30 | 300 |  |
| 40 | 420 |  |
| 35 | 360 |  |
| 40 | 420 |  |
| 30 | 300 |  |
| 40 | 420 |  |
| 35 | 360 |  |
| 30 | 300 |  |
| 40 | 420 |  |
| 25 | 240 |  |
| 35 | 360 |  |
| 40 | 420 |  |
| 60 | 600 |  |
| 25 | 240 |  |
| 35 | 360 |  |
| 25 | 240 |  |
| 35 | 360 |  |
| 40 | 420 |  |
| 25 |  |  |
| 35 | 360 | 2500 |
| 45 | 480 |  |

Extra bushy， 4 to 5 ft
Specimens， 5 ft，each 50 cto $\mathbf{6 0 c}$
Tree Form， 3 to 4 ft ．each 60 c ．
Tomentosum，single Flowered Japan Snowball． 2 to 3 ft ． Specimens， 3 ft
WEIGELIA Amabilis，pink， 2 to 3 fi 3 to 4 ft ．
Candida，white， $11 / 2$ to 2 ft
Eva Rathke，crimson， 2 to 3 ft 3 to 4 ft
Fioribunda，Free Flowering Weigelia． 2 to 3 ft
3 to 4 ft．，bushy
Nana Variegata， 2 to 3 ft 3 to 4 ft ．
Rosea，Rose， 2 to 3 ft
3 to 4 ft．，bushy
Sessilifoila，High Bush Weigelia． $11 / 2$ to 2 ft Specimens， 3 to 4 ft
Sieboidil Variegata， 3 to 4 ft ．，bushy
XANTHOCERAS Sorbifolia，Yellow Horn

| $\mathbf{3 0}$ | $\mathbf{3}$ | $\mathbf{0 0}$ |
| :--- | :--- | :--- |
| $\mathbf{4 5}$ | $\mathbf{5}$ | $\mathbf{0 0}$ |
| $\mathbf{2 5}$ | $\mathbf{2}$ | $\mathbf{4 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{2 0}$ | $\mathbf{2}$ | $\mathbf{0 0}$ |
| $\mathbf{2 5}$ | $\mathbf{2}$ | $\mathbf{4 0}$ |
| $\mathbf{2 5}$ | $\mathbf{2}$ | $\mathbf{4 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{2 0}$ | $\mathbf{2}$ | $\mathbf{0 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{3 0}$ | $\mathbf{3}$ | $\mathbf{0 0}$ |
| $\mathbf{4 0}$ | $\mathbf{4}$ | $\mathbf{2 0}$ |
| $\mathbf{2 0}$ | $\mathbf{2}$ | $\mathbf{0 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{2 0}$ | $\mathbf{2}$ | $\mathbf{0 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{3 5}$ | $\mathbf{3}$ | $\mathbf{6 0}$ |
| $\mathbf{3 0}$ | $\mathbf{3}$ | $\mathbf{0 0}$ |

## SHADE AND ORNAMENTAL TREES

ALDER（Ainus）．
Giutinosa， 6 to 8 ft
Each 8 to $10 \mathrm{ft} ., 21 / 2$ in caliper
ASH，Fraxinus Americana，American White 8 to 10 ft ．
10 to $12 \mathrm{ft} .$.

Excelsior
Excelsior，European Ash， 8 to 10 ft 10 to 12 ft $12 \mathrm{ft} ., 2$ to $21 / 2$ in．caliper． 12 ft．， 3 in．caliper ．
Excelsior Penduia，European Weeping Ash． 8 ft ．stem， 5 －year heads， 3 in ．caliper．Grand Specimens，each \＄3．50 to \＄4．50．
Viridis，Green Ash． 8 to 10 ft ． 10 to 12 ft ．， $21 / 2 \mathrm{in}$ ．caliper ．
$\begin{array}{rrrrrr}75 & 8 & 00 & 50 & 00\end{array}$
BIRCH（Betuia）．
Aiba Purpurea，rich dark purple foliage．
5 to 6 ft. ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 100
Lenta（Sweet Bark or Cherry Birch） 10 to 12 ft ． pyramids．

100
BOX ELDER（Ash－Leaved Maple） 8 to 10 ft 10 to 12 ft．， $21 / 2$ to 3 in．caliper
CATALPA Bungeii，2－ycar heads
Kaempfert 8 to 10 fi．．
Kaempferi， 8 to 10 ft 10 to 12 ft ．
Speciosa， 8 to 10 ft
Syringaefoila， 8 to 10 ft ．．
each 125
CRAB．See Malus page 21.
ELM，Uimus Americana．
7 to $9 \mathrm{ft} . . .1 \%$ in．caliper
7 to $9 \mathrm{ft},$.
8 to $10 \mathrm{ft} 1 / 2$ in．
$\begin{array}{rrrrr}50 & 5 & 00 & 40 & 00 \\ \mathbf{2 5} & 12 & 00 & 85 & \mathbf{0 0} \\ 50 & 15 & 00 & & \end{array}$
8 to $10 \mathrm{ft} ., 2 \mathrm{in}$ ．caliper．
10 to $12 \mathrm{ft} ., 21 / 2$ in．caliper，each $\mathbf{\$ 2 0 0}$ to $\mathbf{\$ 2 . 5 0} 1$
10 to 12 ft ．， 3 in．caliper，each $\$ 3.00$ to $\$ 4.00$ ．
10 to $12 \mathrm{ft} ., 4 \mathrm{in}$ ．caliper，each $\$ 5.00$ to $\$ 7.00$ ．
12 ft ．， 5 inch caliper，each $\$ 8.00$ to $\$ 10.00$ ．
Campestris（English Elm）， 10 to 12 ft
12 to 14 ft ．
12 ft ．， $1 \frac{1}{2}$ to 2 in ．caliper．
Campestris Latifolia（Scotch EIM）．
$10 \mathrm{ft},{ }^{1} 1 / 2$ to 2 in ．caliper
10 ft ．， 2 to $21 / 2$ in．caliper
10 ft ．， 3 in．caliper．


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Qerg viveng



A BLOCK OF ENGLISH ELMS AT OUR NURSERIES There is no prettier lot of Elms in Illinois
ELM，（Ulmus）Continued Each Doz Campestris Monumentailis（Monumental Elma）． 8 to 10 ft ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．$\$ 1$ 00 \＄10 00 10 to 12 ft ．

175
27
Campestris Dampierii，Pyramids， 8 to 10 ft ． 100
Horizontails， 8 ft ．clear stem， 5 －year heads．．． 500
Purpurea， $10 \mathrm{ft} ., 3 \mathrm{in}$ ．caliper，each $\$ 3.00$ to $\$ 4.00$ ．
Vegeta（Huntingdon Elm）， 6 to 8 ft ．
$75 \quad 800$
Weeping（Camperdown） 8 ft ．clear stem 4 and
5－year heampera fine Each 8400 ， 4 and
GINGKO BILOBA（Maidenhair Tree）， 5 to 6 ft ． 125 8 to $10 \mathrm{ft.}$,2 to $21 / 2 \mathrm{in}$ ．caliper，each $\$ 3.00$ to $\$ 5.00$ ．
LINDEN，Tilia Europaea， 10 ft．， 2 in．caliper．．． 175
Tilia Dasystila（Euchlora）．
10 ft ．， $11 / 2$ to 2 in．caliper
175
 6 to 8 ft
8 to 10 ft
Honey（Gleditschia Triacanthos） 6 to $\dot{8}$
Silver Leaf．（Acer Dasycarpum），io to 12
Weir＇s Cut－ieaved， 10 to 12 ft ．， 2 in．caliper． 160
Norway，Extra fine stock， 10 to 12 ft ．， 2 in caliper

Schwedieri（Purpie－ieaved Norway） 10 to 12 ft
Selected 10 to 12 ft
Japanese Atropurpurea，$\dot{2} \mathrm{ft}$
160 to 200 4 to 5 ft
MOUNTAINASH（Sorbus）， 5 to 6 ft
7 to 8 ft ．
8 to 10 ft
8 to $10 \mathrm{ft} ., 2$ to $21 / 2$ in．caliper，extra strong
10 to 12 ft ．
Golden Leaved， 8 to 10 ft
10 to 12 ft ．
Siiver Leaved，specimens， 6 to 7 ft
Weeping European， 6 ft ．
MULBERRY RUSSIAN（Morus Tartaricus）

10 to 12 ft ．， 2 to $21 / 2 \mathrm{in}$ ．caliper．（For 85
Tartarica Penduia（Tea＇s Weeping）
6 ft stem．， 2 year head．．．．．．．．．．．．．．．i 75 is 25
POPLAR Asiatic（Popuius Certinensis） 8 to 9 ft
10 to 12 ft
Bolieana， 6 to 8 ft
8 to 10 ft
10 to 12 ft
Carolina， 6 to 8 ft
8 to 10 ft
10 to 12 ft ．， 2 in．caliper
12 to 14 ft ．， $21 / 2$ in．caliper
12 to 14 ft ．， 3 in．caliper．
Lombardy， 6 to 8 ft
Low branched， 8 to 10 ft ．
Low branched， 10 to 12 ft ．， 2 to $21 / 2$ in．
Norway， 6 ft ．

## VAUGHAN'S CHOICE FRUIT TREES

The helghts are given as accurately as possible, and prices arranged accordingly, but when personal selection of stock is made by customers at our Nurserles, we always charge according to thelr value.

## CHOICE APPLES

Baldwin, fine winter apple, 4 to $5 \mathrm{ft} . .$.
enavls, valuab
6 to 7 ft .
7 to 8 ft., extra
Bismarck, Bush, grafted on Paradise, 3 to 4 ft . 7 to 8 ft
each 75c to 10
Dellcious, a splendid apple, 4 to 5 ft .
Each $\$ 035$

Duchess of Oldenburg, yellow and red, juicy 4 to 5 ft .
6 to 7 ft , heavy
ra heavy. . . . . . . . . . . . . . .75c to 10
Early Harvest, pale yellow, 4 to 5 ft. . . . . . . . $\quad \mathbf{3 0}$
Gano, dark red, 4 to 5 ft .
Grimes' Golden, good size, yellow, 4 to $5 \mathrm{ft} .$. to $\mathbf{3 0}$ 6 to
onathan, medium red, extra quality, 4 to 5 ft . 5 to 6 ft
each 60 c

, white flesh 4 to 5
Malden's Blush, yellow with red cheek 4 to 5 ft
Newtown Plppin, yellow, flushed pink, 4 to 5 ft .
Northern Spy, favorite winter, 4 to 5 ft . 6 to 7 ft

100

Northwestern Greening, large greenish yellow, good keeper, 4 to 5 ft .
Red Astrachan, large deep crimson, 4 to 5 ft .
Rome Beauty, large striped red, 4 to 5 ft
Salome, medium, good quality, 4 to 5 ft . 6 to 7 ft
Snow (Fameuse), crimson, white flesh, 4 to 5 ft .
Spltzenberg, bright red, 4 to 5 ft .
Tolman Sweet, yellow, pink blush, fine, 4 to 5 ft. 6 to 7 ft
7 to 8 ft
Wagener, bright red, dwarf, 4 to 5 ft
Wallbridge, striped red, juicy, 4 to 5 ft . 8 to 8 ft
Wealthy, large red, bears young, 4 to 5 ft
wl to 8 ft
Wlnesap, large deep red, 4 to 5 ft .
olf RIver.
 fragrant, 4 to 5 ft
8 to 9 ft


CRAB APPLES
Florence, prettily striped, prolific, 4
Hysiop, lar
6 to 9 ft .
each 9
Slberlan, large golden yellow, 4 to 5 ft .
6 to 7 ft
7 to 8 ft
Transcendent, immensely productive, 4 teach
6 to 7 ft
Whitney, 4 to 5 ft.
CHERRY
Early Dyehouse, large, carly, good quality, 4 to 5 ft
Early RIchmond, very productive, 4 to 5 ft 5 to 6 ft .
Grafted on Morelio, 5 f
Grafted on Morello, 7 ft
Engllsh Morello, black 5 to 6 ft .
specimens, 6 to 7 ft
Montmorency, large bright red, 4 to 5 ft 5 to 6 ft
Specimens, 6 to 7 ft
Windsor, sweet, fine quality, 4 to 5 ft
Wragg, very hardy. 4 to 5 ft.
Specimens, 6 to 7 ft .
PEACH
Champlon, large sweet, 4 to 6 ft . Crawtrard Eariy, yellow, 4 to 6 ft Extra heavy
Crawford Late, very productive, 4 to 6 ft
Crosby, one of the hardiest, 4 to 6 ft . Extra heavy
Elberta, large, 4 to 6 ft
Wonderful, yellow and carmine, 4 to 6 f
PEAR
Bartlett, large sweet, 4 to 5 ft
5 to 6 ft
Clapp's Favorite, large yeliow, 5 to 6 ft
Duchess, 4 to 5 ft
Early Harvest, good size, 4 to 5 ft
Flemish Beauty, very hardy, red, 4 to 5 ft 6
7
to
8
ft
Kleffer, good canner, 5 to 6 ft 7 to 8 ft .
Specimens, 10 to 12 ft
Koonce, medium early, 4 to 5 ft
6 to 7 ft
Specimens, 8 to 9 ft
Seckel, small, very sweet, 4 to 5 f
PLUM. Abundance, yellow and red, 5 to 6 ft
Burbank, bears young, red, 5 to 6 ft .
Damsom, 5 to 6 ft
De Soto, very hardy, red, 4 to $\mathfrak{5}$ ft
QUINCE. Meech's Prollif, yellow, 4 to 5 ft

Each
Doz 300 $\begin{array}{lll}3 & 00 \\ \mathbf{3} & 00 \\ \mathbf{0 0}\end{array}$ 800 300
500
50

300

| 500 |
| :--- |
| 5 |

100


CAMPBELL'S EARLY RASPBERRIES


SMALL FRUITS not less than 25 at the 100 rate.

## SELECT GRAPES

Brighton (red).
Campbell's Early (black)
Catawba (red).
Concord (black)
Delaware (red)
Dlamond (early white) Niagara (white)
Moore's Early (black)
Worden (purple)

## RHUBARB Vaughan's Mammoth

 1 year old, per 100 . ...\$6.00 Selected Stock, per 100,\$7.00GremblaHerbert.
Loudon.
older.
Shaffer's Colossai
indughton, $2-\mathrm{yr}$

## SMALL FRUITS




# SUMMER-FLOWERING BULBS <br> FOR WHOLESALE TRADE 



CALADIUM ESCULENTUM

## CINNAMON VINE

Well-known hardy climber; quick grower, with beautiful, glossy heart-shaped learcs and sweet-scented flowers. Vines will run 25 or 40 feet in one season; good roots. Doz. $100 \quad 1000$ Mailing size. $\begin{array}{lllllll}\$ 0 & 35 & \$ 2 & 00 & \$ 18 & 00 \\ & 50 & 3 & 00 & 25 & 00\end{array}$

## CHLIDANTHUS FRAGRANS

Of free-flowering habit, with beautful lemon flowers, very fragrant, being a combination between the Lilac Each doz. 1001000 and the Tuberose ..
.$\$ 0 \quad 05 \$ 050 \$ 350 \$ 3000$

## GLOXINIA GRANDIFLORA

Our strain of this grand Summer-blooming bulbous plant is from one of the largest collections in Europe, and includes the beautifully spotted and tigered sorts
Separate Colors Mixed Colors.

## NEW EMPEROR GLOXINIA

## GLOXINIA HYBRIDA IMPERIALIS

A new hybrid strain which has been produced by crossing Sinnin gia Regina Hybrida with the choicest strains of Gloxinias, resulting in a plant which not only embraces all of the rich and varied colors of the Gloxinia, but in which the foliage also is distinct and very ornamental, the leaves being of a reddish brown or bronzy color with strongly projecting white veins, while the leaves being of a reddish brown or bronzy color with strong

Strong bulbs in choice mixed varieties. 85c per doz.; $\$ 6.00$ per 100.

## HYACINTHUS CANDICANS

Splendid bulb for planting in the perennial border, being perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, borne on stalks four fect high. Plant in rear on account of tall growth. Per doz., 35 c ; per 100, $\$ 2.00$; per $1000, \$ 18.00$.


## ISMENE CALATHINA

Flowers pure white, three and four to stem; useful for funeral work Each 10c

Per Per Per doz. 1001000 \$1 75 \$12 00
$90 \quad 6 \quad 00 \quad \$ 50 \quad 00$

## MADEIRA VINE

One of the best known climbers and a ready seller; very rapid in growth with dense and beautiful foliage. Strong tubers.

## MONTBRETIAS

A profitable bulb for Florists to grow outdoors; treated like a Gladiolus, it will produce abundant spikes of star-shaped flowers which can be readily sold at good prices. Mixed colors.
$30 \quad 1 \quad 50 \quad 1200$

## MIKADO FERN BALL

Will grow and thrive under the most adverse conditions. A profitable Fern for Easter sales. Dormant, 7 to 9 inch diameter. Each 30c. . 5-inch diameter. Each 20c..

Elliotiana, the giant yellow with spotted leaves. Fine pot florists' novelty.

|  | 40 | 2 | 50 | 22 | 00 |
| ---: | ---: | ---: | ---: | ---: | ---: |
|  | 60 | 4 | 00 | 35 | 00 |
|  | 75 | 5 | 00 | 45 | 00 |
|  | 35 | 2 | 25 | 20 | 00 |
|  | 60 | 4 | 00 | 35 | 00 |
|  | 90 | 6 | 00 | 50 | 00 |
|  | $\mathbf{5 0}$ | 12 | 00 | 100 | 00 |
|  | 50 | 3 | 50 | 32 | 00 |

CRISTATA Curious strain of Single Begonia with flowers of good

GRAF ZEPPELIN Of strong, vigorous, though dwarf habit, 6 to scarlet. Each 15c......................................................... 13010100
LAFAYETTE Flowers are of a most brilliant fiery scarlet. double, for bedding, as it blooms all Summer. Each $20 \mathrm{c} . . . .$. ................... 2001500

## CALADIUM ESCULENTUM

## CALLAS

## FOR SPRING

| Sizes | (Elephant's Ear) |  | Per doz. | Per $100 \quad 1000$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5 to 7 inch circumference. |  | . \$0 05 | \$0 35 | \$1 75 | \$1500 |
| 7 to 9 inch circumference. |  | 06 | 60 |  | 3000 |
| 9 to 12 inch circumference. |  | 10 | 90 | 600 | 5500 |
| 11 to 12 inch circumference. |  | 15 |  | 1000 |  |
|  |  | 20 | 200 | 1400 |  |


| Per | Per | Per |
| :---: | :---: | :---: |
| doz. | 100 | 1000 |
| $\$ 0$ | 60 | $\$ 3$ |



BEGONIA

## LILY BULBS AND VALLEY FROM ICE STORAGE

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

These Prices are for case lots only. Storage charges paid until Sept. 1st, 1914.

## LILIUM LONGIFLORUM GIGANTEUM

$$
\begin{aligned}
& 7 \text { to } 9 \text { inches-(Packed), } 100 \text { bulbs to case ..............Per Case . . } \$ 700 \\
& 7 \text { to } 9 \text { inches-(Packed), } 300 \text { bulbs to case............er Case . } 1800 \\
& 8 \text { to } 9 \text { inches-(Packed), } 250 \text { bulbs to case. . . . . . . Per Case . . } 1850
\end{aligned}
$$

## LILIUM SPECIOSUM RUBRUM

Excellent Lily for storage purposes. Can be forced the year around. While we can only ship in case lots, the plants do not flower at the same time, so that almost everyone can buy in this way. As a cut-flower for design work "Rubrum" cannot be excelled.

> 8 to 9 inches, 170 bulbs to case...................................... Per Case. . $\$ 1000$ 9 to 11 inches, 100 bulbs to case.............. 900

## LILY OF THE VALLEY PIPS

These are Chicago storage prices. Customers of our New York house will please ask for prices there. Our cases are numbered and "stock marked" and these records show on your invoice. You can thus "Repcat" your orders with assurance of receiving the same grade and packing. Try us. Book now for future dates and secure your supply.
Packed 250 to case . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Per Case. . $\$ 550$
Packed 500 to case . . . . . . . . . . . . . . . . . . . . . . . . . . . 50
Pack Case . . 1800

|  | OXALIS | Per Doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| White |  | .\$0 10 | \$0 50 | \$2 50 |
| Pink |  | 10 | 50 | 250 |
| Red. |  | 10 | 50 | 250 |



TUBEROSE


LILIUM SPECIOSUM RUBRUM

## LILY BULBS-General List

| New Season's Bulbs. Repacked Cases. Sound when Shipped. |  |  |  |
| :---: | :---: | :---: | :---: |
| URATUM, 8 to 9 inches | \$0 90 | \$600 | \$5500 |
| 9 to 11 inches | 130 | 900 | 8000 |
| ALBUM. White, 8 to 9 inches | cs. 135 | 950 | 8500 |
| 9 to 11 inche |  | 1400 | 12500 |
| RUBRUM. 8 to 9 inches | 90 | 600 | 5500 |
| 9 to 11 inches | 130 | 900 | 8000 |
| MELPOMENE. 8 to 9 inches | s. 100 | 700 | 6000 |
| 9 to 11 inches. | 145 | 1050 | 9500 |
| HENRYII. - Apricot yellow. | 600 | 4500 |  |
| HANSONI. Reddish orange. | . 400 | 3000 |  |
| CANADENSE. Yellow | 90 | 600 | 5000 |
| ELEGANS. Mixed | 75 | 500 | 4000 |
| PARDALINUM | 90 | 600 | 5500 |
| SUPERBUM. Orange | 90 | 600 | 5000 |
| TENUIFOLIUM. Scarlet | 90 | 600 | 5500 |
| TIGRINUM Splendens | 60 | 400 | 3500 |
| TIGRINUM Fi. Pl. | 60 | 400 | 3500 |
| UMBELLATUM | 90 | 600 | 5000 |

## TUBEROSES

If shipped from New York we allow 50c per 1000 f̣or freight.
EXCELSIOR PEARL—Dwarf. Our stock of Excelsior Pearl has been bred up for many years by carefully selecting bulbs producing the shortest stalks only, with full heads of double flowers. Prices subject to change without notice.
PRICES-FIRST SIZE BULBS, (4-6 in. circ.) Telegraphic word 100 "Modern" Bulbs as received from growers..... (2000, \$16 50) $\$ 110$ \$8 50 Hand picked Bulbs after March 1st........................ . - 1251000
MEDIUM SIZE BULBS, ( $3-4 \mathrm{in}$. circ.) Telegraphic word "Militla" Bulbs as received from growers...................... 55 \& 50 Hand picked Bulbs after March 1st..
$65 \quad 550$

ARMSTRONG'S EVERBLOOMING. Blooms profusely year after year and produces single flowers of delightful fragrance, similar to that of the "Jasmine." All sound bulbs, hand picked. Price, per 100, $\$ 2.00$; per 1000, $\$ 18.00$.
VARIEGATED LEAVED. All sound bulbs, hand picked. Price, per 100, \$1.75; per 1000, $\$ 15.00$.
ALBINO. All sound bulbs, hand picked. Price, per 100, $\$ 1.75$; per 1000, $\$ 15.00$. SINGLE. All sound bulbs, hand picked. Price, per 100, $\$ 1.75$; per 1000, $\$ 15.00$.

|  | TIGRIDIAS | Per doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| Separate Colors. |  | \$0 40 | \$2 50 | \$20 00 |
| Mixed |  | 30 | 200 | 1800 |

## ZEPHYRANTHUS

Rosea. Beautiful clear rose; flowers large and very handsome, blooms all summer
Candida. Pure white and the most profuse bloomer of all.


## GLADIOLI BULBS FOR FLORISTS

Our Gladioli fields are managed for producing first-class bulbs. We plant none for cut-flower purposes and the limited number of blooms which we sell are cut with sufficiently short stems to leave ample foliage on the growing plant, without which it does not mature as strong and healthy a bulb. Our stock of bulbs grown as above will force under glass and will also give strong and healthy flower spikes, blooming early when planted early on favorably located ground.

## HYDE PARK-Very Early Bloomer

A new hybrid of the Gandavensis type, a cross between May and the old favorite Shakespeare. The flowers have the same fine open shape and large size as Shakespeare, with the same exquisite coloring in the three upper petals-a frosty, sparkling white, penciled and feathered with light and dark rose but the lower petals are much more distinctly blotched with cream-which is an added charm. The foliage is clean and healthy, remaining deep green until frost. It is a very early bloomer, making it of special value in the cut-flower market, as it comes in at a time when there is very little competition from other varieties; an ideal variety for Florist use.

Received certificate of merit from American Institute of New York City.
Price, Per 100, $\$ 9.00$; per $1,000, \$ 85.00$.

## MRS. FRANCIS KING

## The Leading Decorative Gladiolus-For the Trade

This has become the most popular and effective variety for window, store and hotel decorations. The long, strong flower stalks with foliage, its effective flower spike with a good line of reserve buds continually opening, with flower $41 / 2$ inches across, five to six flowers well spread out on the spike at the same time, its brilliant vermillion scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced by any other Gladiolus.

For the past three years among the wealthy summer homes of the New Jersey coast this variety has outsold every other kind, including America. Every seedsman will find this as profitable a variety as he can offer. Price, First size, per 100, 2.00; per $1,000, \$ 18.00$; Second size, per $100, \$ 1.75$; per $1,000, \$ 15.00$.

## CHICAGO WHITE

The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks in the lower petals. They are borne on tall straight stems and from 5 to 7 flowers are open at one time. It is one of the earliest varieties to bloom, hence valuable as a cut-flower sort, either for forcing or outdoor planting. We believe the Chicago White is sure to make a name for itself as soon as the crop increases sufficiently to give it general distribution.
'Price, First'size, per 100, $\$ 450$; per $1,000, \$ 40.00$.

## AMERICA

The finest pink Gladiolus yet introduced, being especially valuable to florists, both for sale as a cutflower or use in design work; of strong healthy growth, spikes average from 2 to 3 feet long, individual flowers are large, open and spreading, all facing one way, color being delicate lavender pink-might be called a tinted white. An easy forcer and a money maker for the florist. Price, First size, per 100, $\$ 1.85$; per 1,000, $\$ 17.00$. Second size, per $100, \$ 1.75$; per $1,000, \$ 15.00$.

## AUGUSTA

The best "Florists" White Gladiolus. Should be planted liberally by all. Strong, healthy, long spikes of flowers, color being pure white with blue anthers. We are headquarters for this variety, having a splendid, stock of large healthy bulbs. Price, First size, per 100, $\$ 2.00$; per 1,000, $\$ 18.00$. Second size, per 100, $\$ 1.75$; per $1,000, \$ 15.00$.

## PRINCEPS

Fopular beyond every other variety, both in this country and throughout Europe. It has made a class for itself, and you do not have the best until you buy it. Individual flowers are $51 / 2$ inches in diameter and sometimes one inch larger, color being a brilliant scarlet crimson with three broad white blotches on the lower petals. Price, First size, per 100, $\$ 6.00$; per 1,000, $\$ 55.00$.

## VAUGHAN'S MIXTURES-How Made

We make all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven inerit; by this method we can safely guarantee our customers satisfaction when buying our mixtures.

VAUGHAN'S XXX FLORIST MIXTURE. Made up from named white and light varieties and mixtures of light colors only, and designed to meet the demands of our florist customers for a mixture suitable to be used for cut flowers. Price, per 100, $\$ 1.80$; per 1,000, $\$ 16.00$.

RAINBOW MIXTURE. Composed of the choicest named varieties and including also the famous Childsii, Lemoine's and Nanceanus sorts. The best mixture we can make up, and is without an equal in America. Price, Per 100, $\$ 3.00$; per $1,000, \$ 25.00$.

EXTRA FINE MIXED. This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some Childsii, insuring a wide range of colors, shades and types. Price, Per 100, $\$ 2.00$; per $1,000, \$ 18.00$.

GOOD MIXED. This mixture contains a very complete range of colors. Price, Large Bulbs, Per $100, \$ 1.10$, per $1,000, \$ 9.00$. Price, Mailing Size, Per 100, 85 c; per 1,000, $\$ 7.50$.

## GLADIOLI IN COLORS

## Blue Shades

Lilac and Violet Pink Shades Pink and White
Doz.
$\$ 0$
50
60
30
Scarlet and Red..............
Scarlet with White Throat.
Striped Shades.............
Yellow Shades . . . . . . . . . .

| Doz. | 100 | 1000 |
| :---: | :---: | :---: |
| \$0 25 | \$1 50 | \$1200 |
| 0 | 275 | 220 |
| 0 | 275 | 22 |
| 0 | 350 | 30 |



CHICAGO WHITE


ROSY SPRAY

## GLADIOLI - Continued



Doz. 1001000 $\begin{array}{lllll}\mathbf{\$ 0} & 60 & \$ 4 & 00 & \$ 35\end{array} \mathbf{0 0}$
$85 \quad 5 \quad 50 \quad 50 \quad 00$
$1301000 \quad \ldots$.
$\begin{array}{llrrrrr}\text { Lilly Lehman, white, rose tinted. . . . . . . . . . . . . . } & 1 & 30 & 10 & 00 & \ldots \\ \text { Lutln, cherry red with deep crimson blotch. . . . . . . } & 85 & 5 & 50 & 50 & \mathbf{5 0}\end{array}$ scarlet blotches . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 100

700 $45 \quad 300 \quad 2500$
Mad. Monneret, delicate rose. . . . . . . . . . . . . . . .
Mad. P. Palmer, rose suffused with carmine, blotch cream-colored, edge cherry-red.

2502000
Madrllene, bright salmon-rose with velvety carmine blotch

| 75 | $4 \quad 50 \quad 40$ | 00 |
| :--- | :--- | :--- | :--- | :--- |

Margaret, brilliant carmine with a large white blotch on lower petals.

1501200
Marle Therese, white with a fcw rosy stripes. .
May, pure white, flaked rosy crimson
Mephisto, coppery scarlet . . . . . . . . . . . . . . . . . . . . . . $1 \mathbf{1} 30 \quad 9508500$
Mrs. Beecher, deep rosy crimson, throat pure white..
Mrs. Frank Pendleton, salmon pink, blotehed velvety maroon
Mohonk, dark pink, spotted throat
Morning Star, white, with a large rich velvety crimson throat.

125
9008500
Nezlnscott, bright blood scarlet, with deep velvety crimson-black blotches and white mottlings....
Nlagara, Cream shade with two lower inside petals blending to canary yellow, throat striped with carmine.
$250 \quad 20 \quad 00$
Panama, deep pink
Llley, very large flowers mottled with creamy

Mad. Desbordes Valmore, salmon-rose, large

1501200
$\begin{array}{lllll}50 & 3 & 50 & 25 & 00\end{array}$

| 1 | 25 | 8 | 00 | 75 | 00 |
| :--- | :--- | :--- | :--- | :--- | :--- |

La France, blush white

Panat deep pinz

Paulham, dark violet with a paler shade in center, on lower petal a fine cherry-red blotch edged with ivory-white.
$\begin{array}{lllll}\$ 0 & 85 & \$ 5 & 50 & \$ 50\end{array} 00$
Precuseur, bright rosy-lilac with carmine-red blotch on a white ground
$75 \quad 4 \quad 50 \quad 40 \quad 00$
Reine d'Anjou, pure white with purple streak in throat.
Rosy Spray, white, beautiful sprayed rose
Salem, salmon-pink maroon blotches.
1501200
$\begin{array}{llll}60 & 4 & 00 & 35\end{array} 00$

Schwaben, very fine canary yellow, carmine blotch in throat.

1000
7500
Scribe, tender rose, tinted white, freely striped carmine.
Shakespeare, blush white, with large rosy blotch
Sophocles, fine fiery red, blotch of a velvety garnetred with white stripes.
$350 \quad 2500$
Sulphur Klng, clear sulphur yellow . . . . . . . . . . . . 1501100
Sunllght, light crimson with large canary-yellow throat. . .
Superb, pink, flaked and striped with salmon pink.
Thermidor, salmon-red, profusely flushed and edged with slaty-grey.

| 85 | 5 | 50 | 50 | 00 |
| :--- | :--- | :--- | :--- | :--- |

Trlomphe de Parls, creamy-white, slightly striped with lilac; small carmine blotch shaded goldenyellow. .

350
$60 \quad 400 \quad 35 \quad 00$

Van Dael, delicate salmon-rose at the center, streaked with blood red at the top of petals.
$75 \quad 4 \quad 50 \quad 4000$
Variabllis, blue-black, flaked pink
Velvet Klng, dark scarlet, similar to Brenchleyensis
30
$900 \quad 8500$
Willy Wlgman, creamy-white, scarlet blotch . . . . 1254808007500
Wlld Rose, delicate rose
$\begin{array}{llllll}125 & 8 & 00 & 75 & 00\end{array}$
Wm. Falconer, clear light pink


AGERATUM-Blue Perfection
The Best Flower Seeds in America.- We have made this claim for years and judging from our ever increasing business we have "made good" and our constant endeavor will be to maintain the position we hold in the Flower Seed business. A representative of our firm made an extensive trip through Europe the past summer visiting the most important seed growers and flower seed specialists. We are therefore in a position to furnish not only the very cream of each grower's best strains, but offer varieties we know are just what the American trade prefers.

We should be pleased to suggest best varieties for certain purposes.

Our list contains all the best noveities that we know to be worthy of cultivation and that are improvements on the older kinds, or entirely new varieties, as well as all the standard sorts.


Flower Seed for Summer Sowing.-Cinerarias, primulas, etc also perennials. We issue a special circular in June. Should you fail to receive one, please write for it, as we have some very desirable novelties to offer.

For seeds of perennials and biennials, see pages 43-46.
Trade packets contain considerable more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.
Quantities of $1 / 4-1 \mathrm{~b}$. and over are charged at the pound rates; $1 / 8$-lb. at the oz. rate; $1 / 2$-oz. at the oz. rate, but only when the price per oz. is 40 c or more, and is not otherwise quoted.

We do not sell $1 / 2^{-o z}$. where the price per oz. is 15 c or less.
10 Per Cent Cash Discount.-On orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed, 10 per cent. This discount does not apply to Asparagus Seed. Cash discount on this is 2 per cent
Trade pkt. Oz.
 Arenaria. yellow creeping. . $\$ 010$
Acacia Lophanta Speciosa Compacta Mixed, many kinds
Acroclineum Roseum, pink,
Roseum Flore Albo, whiteper $1 / 8$ oz., 30c 15per $1 / 8 \mathrm{oz}$., 60c 25
Adonis Aestivalis (Flos Adonis), red.Autumnalis, red.Agapanthus Umbellatus, Blue Lily of the Nile.2015Ageratum Mexicanum, blue15
Mexicanum Album, white. ..... 5
Imperial Dwarf Blue ..... 10
Imperial Dwarf White ..... 10
Nanum Luteum, yellow dwarf. ..... 10
Blue Perfection, best dark blue bedder. ..... 10
Little Blue Star, splendid novelty, dwarfest $1 / 40$. 75 c ..... 25
Red Pearl, dwarf, pink ..... 25
Princess Victoria Louise,light blue with whitecenter ..... 10
Little Dorrit, dwarf blue ..... 10
Wendlandi nanum compactum album ..... 15
Lasseauxi, fine pink, good cut-flower, 3 feet ..... 10
Agrostemma Coeli Rosa, Rose of Heaven ..... 5
Alonsoa Grandiflora, scarletWarscewiczi, fine for cutting, red.
Alyssum Maritimum, lb., \$1.25Ben Maritimum, Sweet Alyssum. .5Benthami Compactum Erectum, dwarflb., \$2.505
Vaughan's Little Gem, extra fine strain lb., $\$ 6.00$10
Amaranthus Tricolor, Joseph's Coat5
Tricolor"Splendens. ..... 10
A tropurpureus, blood red.Salicifolius (Willow-leaved)5
5
Ammobium Alatum Grandiflorum (Everiasting) ..... 5
10
Anagallis Grandiflora mixed ..... 10
Anchusa Capensis, deep sky-blue ..... 10

Antirrhinum, Large-flowering, choice mixed, 3 feet..... 10
Majus Gandiflorum, Carmine Rose, an extra fine shade..10
Firefly, scarlet, white throat ..... 10
Golden King, sellow. ..... 10
Queen Victoria, new, large, pure white. ..... 10
Brilliant Scarlet. ..... 10
Dark Rose. ..... 10
25
Venus, new, apple-blossom pink. ..... 25
Striped Varieties, mixed ..... 10
Lovely white with pink lip ..... 10
Delicate Pink ..... 1010
Vaughan's Special Mixture, extra
Nanum Grandiflorum, Amber Q
overlaid chamois pink.
Carmine Queen, rose carmine ..... 25
Golden Morn, raspberry red and old gold ..... 25
25
25
Half $D$ warf Albino Mixture, combination of red and soft shades ..... 10
Black Prince ..... 10
Queen of the North ..... 10
Golden Queen. ..... 10
Mixed. ..... 5
Tom Thumb, many colors, mixed, 6 inches ..... 10Snow Queen.15
Arctotis Grandis, the African Lilac Daisy. ..... 5


## ASPARAGUS-Plumosus Nanus

We handle this Asparagus both in seed and plants of all sizes, in very large quantition and make very close prices on larger amounts on applicalarge quantities and make very close prices on larger autity and vitality. tion. our seed is pure, fresh, or Per 100 seeds, $50 \mathrm{c} ; \mathbf{2}$ per thousand.
to 10,000 seeds at $\$ 3.25$ per thousaier and more rapid grower than Asparagus Hatcherli. Finer, heavier and more
(Pumosus. 100 secil. 100 seeds, $15 \mathrm{c} ; 250$ seeds, $25 \mathrm{c} ; 1,000$ seeds, 75 c ;
5.000 seeds, $\$ 3.00$, oz. 50 c .

Ardisla Crenulata. 100 seeds, 75c.
Artemisia Annua, very decorative Trade pkt., 5c; oz., 15c
Sacrorum Viridis, Summer Fir. Trade pkt., 15c. Ther, 5c; oz., 15c.

## VAUGHAN'S ASTERS

Asters must not be planted in freshly manured soil nor in soil that been planted with Asters for two or three years previous. Unslacked lime or fresh wood ashes are beneficial if stirred in the soil a little before the planting.

## DWARF AND SEMI-DWARF SECTION

Trade
Vaughan's Little Gem, height 6 inches, flowers pink and
white.
Vaughan's Firebali, a splendid dwarf Aster ......
Vaughan's Snowball, the best dwarf white Aster

## WALDERSEE

This is particularly well adapted to cemetery planting. The flowers are small but profusely produced on dense little bushes about 8 inches high. Used largely in Europe on graves.

White, Clear Rose, Light Blue, each, trade pkt., 25 c.

## DWARF CHRYSANTHEMUM - FLOWERED

White
White, turning to rose.
Peachblossom.
Brilliant Rose.
Fiery Scarlet.
Each of the above, per $1 / 4 \mathrm{oz} ., 50 \mathrm{c}$
Dwarf Chrysanthemum-Flowered

White, turning to azure-blue.
Light Blue and White.
Light Blue.
Azure Blue.
Dark Blue.

## ASTERS-Continued

## DWARF QUEEN

White.
Lilac
Crimson.
Brilliant Rose.
Dark Blue.
Pink
Flesh
Each of the above, per $1 / 4 \mathrm{oz} ., \mathbf{5 5 c}$; trade pkt., 25c; oz., $\$ 2.00$. Dwari Queen, all colors mixed....... . . . . . . . . . . . . . . . . . \$0 15 Gloria or Button-Hole. The flowers are about 2 inches in
diameter, pure white with a scarlet margin

## TRIUMPH

Whitc.
Scarlet.
Each of the above, trade pkt., 25c; oz., \$3.25.
Triumph, mixed, many colors
25
280

## COMET

Carmine.
Deep Scarlet.
White and Lilac
Light Blue and White Dark Rose.
Each of above, trade pkt.,
pkt., 15c; oz., $\begin{gathered}\text { © } \mathbf{~ \$ 1 . 7 5 .}\end{gathered}$
Comet, all colors mixed
Daybreak Purity,
Daybreak Plink, fine for pots

## White.

Bridesmaid, white, turning to lilac rose.
Peachblossom.
Pink, bordered white
Dark Blue.
15c; oz., $\$ 1.75$.

## GIANT COMET

Rose.
Bright Carmine.
Crimson.
Lavender.
Light Blue.
Dark Blue.
Any of the above, trade pkt., 25c; oz., \$1.80.
Glant Comet, all colors mixed.
White.
The Bride, white, turning to pink,
Queen of Spaln, soft yellow,
turning to flesh.
Sulphur Yellow.
Salmon Rose.
lant Comet, all colors mixed. . . . . . . . . . . . . . . . . . . . . . . . $\$ 0$. 15 \$1 40
Glpsy Glrl, an improved type of the Giant Comet Asters,
flowers very large, double and pure white. Mid-season.. 25180
Early-Flowerlng Branching Aster. This type fills a gap between the
Queen of the Market and the Late-Flowering Branching Asters. The
Queen of the Market and the Laters of Peony type, are produced on long stiff stems. The
colors are clear and distinct.
White.
Silvery Lilac.
Fiery Scarlet.
Brilliant Lilac.
Rose.
Brimant \$1. 50.
Each
Each, trade pkt., 25c; $1 / 4 \mathrm{oz} ., 40 \mathrm{c}$; oz., \$1.50.
Mikado, white
... 15
120
MIkado, Plnk Rochester.

## QUEEN OF THE MARKET

White.
Crims.
The Standard Early Flowering Type
Dark Blue.
Flesh.
Silvery Lilac.
Dark Lilac.
Each of the above, per lb scarlet
., 80c; trade pkt., 10c. Trade pkt. Queen of the Market, all the above, best mixed, lb., \$6.... \$0 10 \$0 60

## VICTORIA-VAUGHAN'S IMPROVED

Snow White.
Miss Roosevelt, yellow turning to fesh.
Apple Blossom
Bright Plnk.
Crimson and White.
Dark Crlmson.
Each of the above, $1 / 4$ oz., 50c; oz., $\$ 2.00$; trade pkt., 25c.
Many Colors in splendid mixture (Gcrman grown)......\$0 25 ( $\mathbf{\$ 1} \mathbf{0 z 0}$ TALL SECTION- 17 INCHES AND UPWARDS

## BRANCHING OR SEMPLE

White.
White turning to Pink.
Lavender.
Fiery Scarlet.

Cinnabar Carmine.
Dark Red.
Rose Pink.
Bright Scarlet.
Light Blue.
Azure Blue.
Azure Blue. Indigo blue ground.
Dark Blue and White.
Dark Blue.

Daybreak.
Purple.


Each of the above..........................................
BRANCHING COMET
Light Pink

White.
Malmaison Pink
Fiery Scarlet
Dark Blue
Rose
Lavender
Each of the above Trade Pkt. 25c., oz., \$1.75.
Smith's Peerless. This Aster, a selection of the Giant Branching Aster,
is one of the finest Asters for cut-flower purposes. The stems are long and wiry, the flowers of great depth and densely petaled, and even a full blown flower never exhibits the yellow disc.

Trade pkt. Oz.
\$0 25 \$2 00
White
$\begin{array}{ll}25 & 200 \\ 25\end{array}$
Pink.
200
Vaughan's Beauty, brilliant red. . . . . . . . . . . . . . . . . . . . . 25180


ASPARAGUS-Plumosus Nanus
BEGONIA-Gracilis Prima Donna

## ASTER TALL SECTION-Continued CARLSON OR INVINCIBLE

White. Daybreak Pink. Lavender. Violet Blue, Marquis Pink, Each of the above.<br>Carlson, Mixed, the above

Crego, White.
Shell Pink
Dark Pink
Lavender.
Hercules, White

## HOHENZOLLERN

| White. | Crimson. |
| :--- | :--- |
| Bride, white, turning to pink. | Silvery Lilac. |
| Pink. | Blue. <br> Brilliant Rose |

Each of the above.
Hohenzoilern. many colors, mixed Extra Early, White
Extra Early, Rose
Quilled German, mixed
Unicum White

## PAEONY-FLOWERED PERFECTION

## Snow White.

Sunilght, sulphur-yellow. Delicate Rose.
Surprise, chamois, turning to pink.
Pink (La Superbe) Crimson. Briliiant Scarlet.
Each of the above.
Paeony-Flowered Perfection, splendid mixture (German grown)

## ASTERS IN MIXTURES

## Vaughan's Fiorists' MIxture

White Tail Varleties, mixed.
Gravelotte, Bloodred.
Sky-blue and White.
Light Blue and White.
Amethyst.
Light Blue.
Azure Blue.
Dark Blue.
ShInIng Biue-black.

10 PER CENT SPECIAL CASH DISCOUNT-On orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed, 10 per cent. This discount does not apply to Asparagusseed. Cash discount on this is 2 per cent.


BALSAM-Vaughan's Invincible Mixed

Balsam, double pink, crimson, scarlet, flesh color, lilac; ..... $\mathbf{\$ 0} 10$ \$0 $\mathbf{5 0}$ Aiba Perfecta. This is the largest and best double white Balsam, unequaled in doubleness and large size of its camellia-shaped flowers.
Atrosanguinea plenlssima, double blood-red
Prince Bismarck, salmon rose.
Double Camellia-Flowered, Improved. all colors mixed Rose-Flowered, all colors mixed Dwarf, mixed
Gollath, White Scarlet.
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form
Balsam Apple (Mormordica) curious climbers. Pear.
Bartonla Aurea, bright metallic yellow blossoms

## BEGONIA

Rex Hybrids. Saved from a very fine collection. . 500 seeds Graciiis Bonfire, 12 to 14 inches in height, flowers lustrous carmine scarlet, metallic brown foliage. . . . . . per pkt., 20c Luminosa,foliage lustrous reddish brown, the flowers are a fiery dark scarlet,.................... $\frac{1}{32}$ oz. \$1.50 Mignon, 7 to 8 inches tall, flowers fiery scarlet ,red. foliage soft dark green, spotted and bordered with bronzy red.
Prima Donna, large transparent rose flowers, shading to carmine

1-32 oz. \$2.00
Hybrida Gigantea Duplex, double frilled flowers.
FI. PI. Penduia, a drooping tuberous rooted Begonia..
Lioydii, new pendulous double flowering Begonia with flowers of rose, carmine and other shades. 500 seeds $\mathbf{5 0 c}$ Semperfiorens Alba.

Atropurpurea Vernon, red-leared and red-fiowered Berna ................................................ $\frac{1}{15}$ oz.,30c
carmine red................................ . . 1-32 oz. \$1.50 Erfordla, rosy carmine flowers, very free flowering Erfordia Grandifiora Superba, an improvement on the Erfordia. . . . . . . . . . ................... . 1-32 oz., $\$ 3.00$ Red Lubeca, fine for bedding............ 1-32 oz., \$3.00
Singie Tuberous Rooted, finest mixed.... 1-32 oz., \$2.00
Singie Tuberous Rooted, frilled
Tuberous Rooted Victorla, new, a very fine strain of frilled flowers, 4 inches across, colors mostly in red shades... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . pkt., 25c Double Tuberous Rooted, best mixed. . . . . . . . . . pkt., 25c
Tuberous Rooted Lafayette Hybrids, superb varieties of sturdy growth, mostly scarlet, bronze-leaved, double..
Beiliis, see page 43 .


CALCEOLARIA-Extra Choice Mixed

Bidens Atrosanguinea, the black Dahlia.. Dahlioides, new
Bird of Paradise (Poinciana Gillesii)
Biue Daisy. See Agathea.
Brachycome Iberidifoiia, Swan River Daisy, blue.
CANDYTUFT-Giant Hyacinth-Flowered


Trade pkt. Oz. . $5010 \quad \$ 060$

Iberidifoilia, White

## Pink.

Snow star new Biue Star, new
Briza Maxima, ornamental grass.
Browailia Speciosa Major. For vases, baskets and bedding out..

350 seeds
Browailiia, mixed.
Byronopsis Laciniosa, fine annual climber.
5
Cacaiia, mixed (Tassel Flower)
Caiampeiis Scaber, a splendid climber
Caiandrinia Grandiflora, rose.

## CALCEOLARIA HYBRIDA

Vaughan's Extra Choice Mixed. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties, and, we know, will give entire satisfaction. Trade pkt. ( 1,000 seeds), 50 : $\mathbf{3}$ trade pkts. for $\mathbf{\$ 1 . 3 5}$.

Caienduia (Pot Marigold) Meteor.
Trade pkt. Oz.
Sulphurea Plena, double sulphur yellow.
Prince of Orange, bright orange.
b., \$1.00 $\quad 5 \quad \$ 015$

Orange King, Grandifiora, fl. pl., best.
lb., $\$ 1.00$
Pongei fl. pl., double white
lb., $\$ 1.00$ Mixed.
. .ib., 80c
Caifiornia Poppy. See Escholtzia.
.lb., 85c
Cailiiopsis, mixed
Bicoior Nana, Golden Ray
Radiata Tigrina, Tiger Star
Dwarf Sorts, mixed.
ib., \$1.00
Golden Wave, a good cut-flower
Pure golden
Coronata Maxima. Splendid cut-fiower. Pure golden
yellow, 2 to 3 inches across, on long, wiry stems; yellow, 2 to 3 inches across, on long, wiry stems;
hardy and blooms nearly all season.
Vaughan's Speciai Mixture
Campanuia Specuíum (Venus' Looking Glass) mixed.
For other Campanulas see page 43.
Canary Bird Fiower, fine climber for shade

## CANDYTUFT

Trade pkt. Oz.
Giant Hyacinth-Fiowered or Empress. The flower heads are pure white. 6 inches long and about 3 inches across

Giant Hyacinth-Fiowered. Extra selected stock, for florists' use.
.1b., \$5.00
Littie Prince, $\varepsilon$ inches high, white.
Queen of Itaiy. The plants form dwarf, compact bushes which are covered with very large pink blooms.
$5 \quad \$ 020$

Liacina, Lilac


COBAEA-Scandens
CENTAUREA


CINERARIA-Vaughan's Columbian Mixture


COSMOS-Early Flowering

## CINERARIA

Trade pkt. | \$0 10 |
| :--- |
| . |

.lb., \$3.00 5
Americana, purple.
Alba, white, sple Alba, white, splendid cut-flower

## Gymnocarpa.

## Candidissima (Dusty Miller), 500 seeds, 50 c .

Ciementel, leaves white, makes a fine border around a redleaved Canna bed.

10
Cyanus (Corn Flower), Emperor William, blue. .lb., \$1.20 5 Fl. pl., mixed, semi-double.
Bachelor's Button, mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . $\mathbf{1 b}$. . 1.00
Pink.
Double white
Double blue, extra fine.
Double Lawson Pink
Dwarf Fictoria, blue.
Margaret, white.
Moschata, mixed sweet Sultan.
Rosea, a delicate rosy white flower
Suaveoiens, Yellow Sweet Sultan
Imperialis, mixed
Alba, pure white, better than Margaret.
Favorita, dark rose............
Spiendens, purplish crimson
Vaughan's Speciai Mixture, includes most of the above. . 10
Centrosema Grandifiora.

## CHRYSANTHEMUM

Chrysanthemum Coronarium, double white
Coronarium, double golden sellow
Double sulphur yellow
Double mixed.
lib., $\$ 1.00$
Dunnetti Aibum pl., double white
Anreum pl., double yellow.
Carinatum, Eclipse (Chameleon).
Golden Feather.
Single mixed.
lb., $\$ 1.00$
Inodorum Pienissimum, double white
Bridal Robe, new fine cut-fower.
Segetum Gloria, Morning Star, white.
Helios, Evening Star, jellow
Doubie and Singie Mixed, annual sorts.
ib., si.25
Frutescens (Paris Daisy), white.
Chinese Doubie Mixed, (Indicum).
1/8 oz., 75c
Japanese Double Mixed, (Japonicum).......1/8 oz. \$1.00 35
Single Eariy-Flowering Hybrids-If sown in early spring will flower in July, and continue until frost. The plants are hardy with protection. Trade pkt. ( 600 seeds), 50c; 1/8 oz., S1.00.


TYPE OF OUR CYCLAMEN

## CYCLAMEN

## Giant English Grown

PRICES-100 Seeds, $\$ 1.00 ; 1,000$ Seeds, $\$ 8.00$ net, except those noted.
Rosy Morn. Delicate rose color. Claret base.
Grandlifora alba. The largest giant white.
Excelslor. White with red base. Extra large flowers.
Prlncess May. Pale pink.
Mauve Queen. Mauve.
Duke of Connaught. Purplish erimson.
Duke of Fife. Dark rose.
Princess of Wales, Deep pink.
Salmon King. 100 seeds, $\$ 1.25 ; 1,000$ seeds, $\$ 10.00$.

## Giant German Grown

100 Seeds, 65c; 1,000 Seeds, $\$ 5.00$.
Pure White (Mont Blane).
Dark Crlmson.
Rosa Von Marlenthal, Daybreak Pink.
Dark Rose.
White wlth Carmine Eye.
Extra Cholce Mlxed. Per 100 seeds, 50c; 250 seeds, \$1.15; 1,000 seeds, $\$ 4.50 ; 5,000$ seeds, $\$ 20.00$.
Glory of Wandsbek, new attractive salmon color, 100 seeds, $\mathbf{\$ 1 . 2 5}$; 250 seeds, $\$ 2.85$; 1,000 seeds, $\mathbf{\$ 1 0 . 0 0}$.

## Giant Orchid-Flowered

Prlce, 100 seeds, 85 c; 1,000 seeds, $\$ 7.00$.
White with Carmlne Eye.
Lilac.
Pure White.
Red.
Pink.
Glant Orchld-Flowered Cyclamen in choicest mixture, 100 seeds, $80 \mathrm{c} ; 1,000$ seeds, $\$ 6.50$.
Cyciamen Perslcum. Finest mixed. Trade Pkt., 25c; $1 / 4$ oz., 50c.
Trade pkt. Oz.
Cyperus Alternifolius, Umbrella Plant. . . . . . . . . . . . . . . . . . \$0 $\mathbf{1 5}$ \$1 $\mathbf{2 5}$
Cypress Vine, White.. Scarlet.
Ivy-Leaved, scarlet.
Mixed
5 515

Dahila, Double, mixed, good quality
Doubie, extra choice, mixed.
Cactus-Flowered, mixed
Cactus-Flowered, extra choice mixed.
Lilliput, mixed.
Slngie Giant Perfectlon, mixed.
Striped and Spotted.
Exhibition, an extra choiee strain, very early flowering, fine colors. .
20th Century
Collerette, mixed colors.
New Colossal, semi-double, extra fine.
Vaughan's Special tDanitia Mixture includes tho
best single and double strains ................... 50
Trade pkt. Oz.

Dahlia seed will produce blooming plants the first summer if the secd is sown before May.
Dalsy. See Bellis, Agathea, Brachyeome and Chrysanthemum.
Datura, Fastuosa fl. pl., double mixed
Double white.
Cornucopia.
Triple-flowered, yellow (Golden Queen).

## DIANTHUS Pinks

Chlnese Pink, double, extra choice mixed........lis., \$2.50 Single, extra ehoice mixcd.
Heddewigi f. plo, double Japan, best mixed.
Single, extra finc mixed.
Eastern Queer, marbled rose. .
Crlmson Bell, rich velvety crimson
Marginatus, Silveredge.
Snow Queen, double whitc, bcst
Mourning Cloak, double, almost black
Dladematus fir. pi. (Diadcm Pink), double
Laclniatus, fil. pl., fringed, double mixed.
Snowdrlft, white.
Fringed, single, mixed.
Mirabills, single, very fine cut-flower.
Double.
Vesuvius, orange-scarlct fringed
Punctatus, Princess Pink
Midnighet, double blood-red
Mephisto, blaekish-brown stripcd on orange ground
The Bride, single white.
Double Striped.
Snowball, dwarf white
Fireball, dwarf scarlet
Latifolius Atrococelneus pl., rich double blood-red,
Superbissimus, mixed, large flowers with waved and
fringed petals and white throat
Double Imperlal Pinks (Imperialis fl. pl.), mixed.
Vaughan's Speclal Mixed, Double and Single Pinks
Special Mixed, Single Pinks.
Double Pinks.
Barbatus. See Sweet William.
Difliscus Cocruleus, fine lavender cut-flower, s ft .
Dlmorphotheca Aurantiaca, Golden Marguerite
Aurantiaea Hybrids.
Dollchos (Hyacinth Bean), mixed . . . . . . . . . . . . lb., \$1. 00
Princess Helen (Daylight)..
Purple Soudan.
Dracaena Indivisa Lineata
Indivisa.
1b., \$3.60
Latifolia
Australis.
1,000 seeds, \$1.00
Echeverla (Hen and Chicken), mixed.... 1,000 seeds, $\$ 1.00$
Metallica. 1,000 seedśs, $\quad 1.00$
Seeunda Glauea.........
De Smetiana, fine, early, $\begin{array}{ll}1,000 \text { seeds, } & \mathbf{1 . 5 0}\end{array}$
Echinocystls Lobata, Wild Cucumber
Erythrlna Crista Galli, Coral Tree. .
Eschoitzia, California Poppy, Mandarin.
Californica, pure ycllow
lb., \$1.50
Rose Cardinal.
lb., \$2.50
Carmine King, new, fine erimson color.
Maritima, Maltese Cross
Glory of the West, or the Goiden West
Rosy Morn, Canallculata Rosea
Mikado............................
Hunnemannia, Bush Escholtzia.
Mixed, many colors . . . . . . . . . . . . . . . . . . . . . . . . lb., \$1.00
Vaughan's Speclal Mlxture
Double White...............$~$
lb., \$1.00
Double White.

## Pink.

Yellow. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Yellow
Mixed


HELIOTROPE-Mammoth Flowered

## FERN SPORES

 Adiantum Cuneatum, Cyrtomium Falcatum, Pterís Cretica Alba Lineata, Pteris Serrulata, Pteris Serrulata Cristata, Pteris Tremula Pteris Wimsetti, Aspidium Tsussimense Pisorls Argyrae. Pteris Wilsoni, Pterls Mayii, Crytomlum Rochfordii.
Eucalyptus Globulus, Blue Gum
Trade pkt. Oz.
Euphorbia Heterophylla, Mexican Fire Plant $\$ 0 \quad 10 \quad$ \$0 50
Variegata. Snow on the Mountain
Everlasting Flowers. See Ammobium, Acroclineum, $\cdot$ He!ichrysum, Rhodanthe, Xeranthemum and Gomphrena.
Feverfew. See Matricaria and Pyrethrum
Four O'Ciock (Marvel of Pcru), mixed
.lb., 50c 10
5 $\begin{array}{r}50 \\ 40 \\ \hline 15\end{array}$ Dwarf. Iixed choice assortment

Foxglove. See Digitalis.
Freesia Refracta Alba, seedlings bloom the first year

Fuchsia, double and single mixed
100 seeds, $80 c$
,000 seeds, $\$ 3.00 ; 200$ seeds, 70 c
 Fuchsias will bloom from seed the first year.
Gaitlardía Lorenziana, double mixed Picta, single, mixed
Gaura Lindheimeri, white. Fine for large groups

Gladlolus, Giant German white variety Giant German, yellow variet

250 seeds, 50c
250 seeds, 50c Primulinus Hybrids. Gandavensis and Chìidií
Giaucium Luteum (Horn Poppy)
Globe, Amaranth (Gomphrena), Mixed, White and Red
25

## GLOXINIA HYBRIDA

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Pkt.( 1,000 seeds), $\overline{50 c} ; \mathbf{3}$ pkts. for $\$ 1.25$.

Godetia, many sorts mixed
New D warf Hybrids, mixed
The Bride, white and crimson
Duchess of Albany, satiny white
Gloriosa, glowing dark red
Rosamunde, bright carmine Lady Satin Rose

100
200

Gomphrena. See Globe Amaranth
Gourd, small sorts, mixed
All sorts, mixed
Grasses, Ornamental varieties, mixed
Grevillea Robusta, (Silk Oak).
Gypsophila Muralis, dwarf pink Elegans, white (Angel's Breath)

Rosea
Grandiflora Alba. flne for cutting
ib., \$1.00
Carminea, new carmine

Trade pkt. Oz.
\$0 05 \$0 15

Heiianthus. See Sunfower.
Heilichrysum Monstrosum fl. pl., double mixed Mammoth Flowered, mixed Cyciops, new, giant flowered.
Mad. Mathiide Crennieux, darkest of all 25

Humulus
Japonicus fol. var. variegata
Hunnemannla Fumariaefolia, Bush Escholtzia
Hyacinth Bean. See Dolichos
Iberis. See Candytuft.
Ice Piant (Mesembryanthemum Crystallinum)............. 5
Impatiens Sultani, brilliant carmine. . . . . . . . . . . . 500 seeds Holstii, very fine

500 seeds
New Hybrids, extra choice
These Impatiens will make splendid pot plants for Christmas.
Ionopsidlum Acaule, Diamond Flower
1 pomoea Noctiflora, Moonflower, whitc seeded
lib., \$3.5 Noctifiora, black seeded.
lb., $\quad 3.00$ Hybrid Moonfower, Early Biooming Giant Pink (Northern Light) Leari, dark blue, splendid. Bona Nox, large blue flowers lb., 4.00 Setosa, Brazliian Morning Gior Rubra-coerulea. or Heavenly Blue. Early Flowering Blue
Imperlalis, Japanese Morning Giory Japanese, fancy fringed, extra
b., $\$ 1.00$ occinea, scarlet, very free
b., 2.00

Job's Tears, Coix Lachyrmae
.lb., 40c
Kenilworth Ivy. See Linaria.
Kochia Tricophylia, the true Summer Cypress. . lb., \$1.00 Lantana Hybrida, mixed

Bruant's New Dwarf Hybrids, mixed
Larkspur, Emperor, extra choice mixed
Double Dwarf Rocket, best mixed
Tall Rocket, best mixed
Giant Hyacinth Flowered, mixed
Stock Flowered, New port Pink.
See also Delphinium
Lemon Verbena, Aloysia Citriodora. . . . . . . . . . $1 / 4$ oz., 40c
Lemon Verbena, Aloysia Citriodora......
Llnum Grandiflorum Rubrum, scarlet flax
$1 / 4 \mathrm{oz} ., 40 \mathrm{c}$
$\mathrm{Ib} ., \$ 1,00$
5

## LOBELIA

Pumlla Spiendens, Bedding Queen. The plant is very dwarf and compact, forming handsome little bushes which are entirely covered with large flowers of the deepest purple, contrasting with the pure white eye. Trade pkt., 15c; $1 / 8$ oz. 25c; oz., \$1.50.
Erinus Compacta, Firmament, of very compact Trade
tufted growth, with rather large flowers of the purest pkt. Oz
blue. ............................1/8 oz., 60c.. $\mathbf{s o}^{25}$
Crystai Palace Compacta, true.
Speciosa, dark flowers and foliage, true
Emperor William, dwarf, choice strain.
Dwarf, White Lady
White.
Gracilis, blue
Mixed.
Hamburgia, new, good for hanging baskets, etc. $1 / 8$ oz.. 75 c
Prince Henry, dark ultramarine blue flower, compact growth.
Hybrida Sapphire, new, best for hanging basket.
Heterophyifa Major, clear blue, good bedding sort.



LUPINUS-Hybridus Roseus
MARIGOLD-Double French

Lophosphermum, Scandens rose
Lupinus, Annual sorts mixed, tall Annual Sorts Mixed, dwarf. Hybridus Roseus, annual pin Sybridus Coeruleus, biue

## MARIGOLD

Marlgold, Double, Tall African, mixed
Double Dwarf African, mixed (Pride of the Garden).
Double Tall African Lemon Queen.
Eldorado, a fine strain..
Double Tall French mixed
Double Dwarf French gold striped
Double Dwarf French mixed.
Leglon of Honor
Slngle Golden Star
Silver King.
Golden Lilliput
Vaughan's Speciai Mixture, tall sorts.
Vaughan's Special Mixture, tall sorts...
1b. $\$ 2.00$

See also Calendula.
Marvel of Peru. Sce Four O'Clock.
Mathiola Blcornis, Evening Scented Stock.
Maurandya, mixed
Barclayana, blue Alba.
rade pkt. Oz $\$ 0 \quad 15 \quad \$ 130$

Purpurea Grandifiora

Melothrla Punctata, splendid annual climber.

## MIGNONETTE

Grandiflora, large flowering.
Bismarck, an improvement on Machet.
lb., 60c

## Defiance.

Golden Queen, yellow
Golden Machet, selected stock.
White Pearl. Machet type.
Miles' Spiral.
Gabrlele, splendid for out-doors
Glant Pyramidal
Red Gollath, fine.
Giant White Spiral.
Many sorts mixed
Red Gollath Gabrleie and Giant Pyramidal make long spikes
and are splendid for out-door cutting.
TRUE MACHET. Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists' use and for pots. Trade Pkt., $10 c ; 1 / 2 \mathrm{oz}$., 40c; oz., 75 c .

## New York Market

This is an extra choice strain of Mignonette for greenhouse culture. Our seed is greenhouse grown, raised by a most careful grower.

The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Packet ( 1,000 seeds), 50c; oz., $\$ 7.00 ; 1 / 8$ oz., $\$ 1.00$
0 Oz

Mirabllis. See Four O'Clock
Momordica Balsamina, Balsam Apple
Trade plkt. Oz . Moon Flower. See I pomoea
Morning Glory. See Convolvulus and Ipomoea
Musa Ensete, . . . . . . per 100 seeds, 80 c; 1,000 seeds, $\$ 6.50$ Musa Ensete, ' See Forget-Me-Not.

## NASTURTIUM

## TALL SORTS-Tropaeolum Majus

Any of the following per oz. 5c, except where noted.
Chameleon, a splendid mixture, produces different colored $1 / 4 \mathrm{lb}$ flowers on a plant.
$\$ 020$ Coccineum, bright scarlet
Coccineum, bright scarlet........
Dumnett's Orange, bright orange, aiso called sunlight
Edward Otto, brownish lilac.
Golden Cloth, scarlet flowers, yellow foliage
Heinemanni, chocolate color
Jupiter, best and largest yellow
Hemlspherlcum, orange, very handsome
KIng Theodore, rich deep red, dark foliage
Luteum, yellow
Pearl, whitish, also called Moonlight
Prince Henry, light ycllow, marbled scarlet
Regelianum, rich crimson, one of the best.
Scheuermanl, straw-color, spotted
Cocclneum, scarlet striped.
Shillingi, bright yellow, maroon blotches
Vesuvius, the most gorgeous fiery rose imaginable Von Moltke, bluish rose
Tall Sorts In Flnest Mixture . . . . . . . . . . . . . 10 ibs., $\$ 2.50$
VAUGHAN'S SPECIAL MIxture of Tall Nasturtlums
MADAM GUNTHER'S HYBRIDS, true. We have an
extra choice strain

## DWARF SORTS-Tropaeolum Tom Thumb

Aurora, deep chrome-yellow blotched carmine............ . $\$$
Beauty, scarlet splashed canary
CHAMELEON, mixed.
Cloth of Gold, fowers scarlet, foliage yellow
Coccineum, bright scarlet
Crystal Palace Gem, sulphur, spotted maroon
David Burpee, new, velvety dark scarlet flowers and emerald green foliage
emerald green foliage . . . . ............................, 20c
EMPRESS OF INDIA, deep crimson, dark-leaved
Golden King, rich color
King of Tom Thumbs, scarlet, dark-leaved
KING THEODORE, rich red, dark bluish foliage
Pearl, whitish.
Prince Henry, light yellow, marbled with scarlet
Queen of Tom Thumbs, crimson flowers, white variegated foliage.
Regelianum, purplish violet
RUBY KING, a peculiar, blue-tinted red
Spotted King, a handsome sort
VESUVIUS, rich, fiery rose
Yellow (Luteum)
Dwarf Nasturtlums, all colors mixed ....... 10 lbs., $\$ 2.80$
VAUGHAN'S SPECIAL Mlxture of Dwarf Nasturtlums
oz., 10c
Llllput, flowers small, rich colors.


Type of Vaughan's Best Mixed Large-Flowering Single Petunia

## NASTURTIUM-Continued

## TROPAEOLUM LOBBIANNUM

Asa Gray, yellowish white
Spltire, brilliant scarlet
Giant of Battles, sulphur with red
Brilliant, dark scarlet.
Cardinal, dark scarlet
Golden Queen, yellow
$1 / 4 \mathrm{Lb} . \mathrm{Lb}$

Ivy-leaved, Scarlet.
oz., 10c
Lucifer, very dark scarlet
Lucifer, very dark scarlet.
Napoleon III, golden, spotted with brown
King of the Blacks, black-brown
Firefly, dark orange, spotted and flamed blood-red
Prlncess Vlctorla Louise, pale yellow, spotted blood-red
Prlmrose, creamy white with brown spots, large flowered
Queen Wilhelmina, white variegated foliage. . . . oz., 10 c
Vlrchow, ruoy red, very fine
50 \$0 50

Firchow, ruoy red, very fine
Flmbriata, mixed
100
Princess Juliana, dark ivy leaved foliage, flowers golden
orange with velvety red brown spot................ oz., 25c
300
Queen Alexandra, flowers blood red, marbled and mottled
100
Queen of the Morning, flowers superb aurora colored
Queen of Spaln, golden yellow spotted brown ....oz., 10c
Queen Type, mixed.
Many Colors Mixed
$10 \mathrm{lbs} .$, \$3.50 $\quad \mathbf{1 0}$

Nemophlla, mixed
Trade pkt. Oz.

NICOTIANA-Continued
Sylvestris, very beautiful, sweet, pure white.
Sanderae.
New Hybrids, mised
Nlerembergia Gracilis, light blue, dwarf.
Nigella, mixed.
Trade Pkt. Oz
$\$ 005$
10

Hispanica, blue
10
10

Miss Jekyli, blue. fine cut-flower 5

Nolana, mixed
5

Nycterinia Capensis, white, very sweet 10
Oenothera, Evening Primrose, mixed
Rosea, Mexican Primrose. 10
10
Acaulis Alba, large, white, dwarf. 10
Ornamental Grasses, mixed. 5
Oxalis Tropaeoloides, dark yellow, brown foliage. . . . . . . . . . $\quad 10$
Rosea, very fine. 25
25
Alba.
200
Valdiviana, yellow, sweet. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
Papaver. See Poppy.
Passifiora, Mammoth Passion-flower, blue.
25
Gracilis, ornamental fruits 10
Incarnata.
10
Pennisetum Ruppellianum, Purple Feather Grass. 10

Longistylum.
10
Pepper, Vaughan's Christmas. . . . . . . . . . . . . . . . . 1/8 oz., 40c 25
Perilla Nankinensis.

## PETUNIA

Hybrida-Small Flowered Single Sorts. Trade pkt. Oz
Petunla Hybrida, good mixed ......... . . . . . . . . . . . . . . . . \$0 05 \$0 30
Hybrida, finest mixed (part from named sorts)........ . . $10 \quad 50$
Hybrida Alba, white. . ........ . . . . . . . . . . . . . . . . . . . . . . 10
Blotched and Strlped (Inimitable) 10
Carmen Sylva, baby blue. 50
100
Carmen Sylva, baby blue.................................... . . .
Dwarf Inimitable, blotched and striped ...................
Editha, a pleasing rose color with dark carmine star veined with brilliant carmine.
Snowball, dwarf white.
. . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
General Dodds, blood-red 10
Gloria, improved Rosy Morn................. . . $1 / 8 \mathrm{oz} ., 40 \mathrm{c}$ 25
Countess of Ellesmere, pink with white throat........ 5
Venosa, light red, veined. . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
Illustris, carmine rose . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 15
Howard's Star, one of the best for hanging baskets,
Rosy Morn flowers are brilliant rose color, with large
white throat and white center 1/8 oz., 25c ............. . .
Compacta Magnifica (Enchantress) a splendid mixture,
containing shades of rose and lilac. Each flower shows a white center

25

## Single Large Flowering Sorts

We call particular attention to our large flowering strains of these which are unsurpassed for size, shape and variety of color. Trade pkt. Large-Flowering, finest mixed..
$\frac{1}{16}$ oz., $\$ 2.00$
Fringed, mixed, extra choice.
$\frac{1}{16}$ oz., 2.00
Giants of Californla, true. .
$\frac{1}{16}$ Oz., 2.00
Large-Flowering Pink. . . . . . . . . . . . . . . . . . . . . $\frac{1}{32}$ oz., 1.25
White.

| $\frac{1}{32}$ | oz., |
| :--- | :--- |
| $\frac{1}{33}$ | 1.05 |

Rufiled Giants, mixed.
1,000 seeds
Triumph of the Glants. The finest strain of single LargeFlowering Petunias; the flowers often measure 7 inches across: some of its colors cannot be found in any other
mixture. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\mathbf{1 , 0 0 0}$ seeds
German Empress. Giant flower, bluish white, veined purple................................................................ distinct
Klng Edward. Deep blood-red with white center, very
Balcony Queen. Rich velvety violet with white blotches,
Karlsruher Rathaus, The fiowers are very large, very deep violet blue and should be planted with a white background to be effective..
Rheingold. A large flowering pure white flower with a clear yellow throat.
Vaughan's Best Mixture oi Large-Fiowering Slingle Petunias. This mixture is made up by ourselves and includes all the best sorts and colors of the Large-Flowering and Fringed sorts, and the unsurpassed Superbissima varieties with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no Petunla Mixture can produce fowers with as wide a range of colors as our Vaughan's Best. Trade pkt. ( 1,000 seeds), 50c: 3 pkts. for $\$ \mathbf{1 . 3 5}$.


PHLOX-Drummondi Grandiflora
PHLOX-Star of Quedlinburg

## POPPY-Shirley

## PETUNIA

Please note that the smallest and weakest of seedlings of Peturias usually produce the best double flowers. The same is true of the singleflowering sorts, the strong seedlings being inclined to be weedy.

## Large Double-Flowered Sorts.

Double large-fiowerlng, extra choice mixed. 1,000 seeds, \$1.25; 10,000 seeds, \$19.00; 500 secds, 65c; $\frac{1}{64}$ oz., $\$ 3.00$.
Double large-fiowering, Fringed, best mixed. 1,000 seeds, $\$ 1.25$; 10,000 seeds, $\$ 10.00 ; 500$ seeds, 65 c ; $\frac{1}{63} \mathrm{oz} ., \$ 3$. 0.
Lady of the Lake, Double-Fringed, pure white. $\mathbf{1 , 0 0 0}$ seeds, $\$ 1.20$; 500 sceds, 65c; $\frac{3}{64}$ oz., \$3. $\mathbf{x 0}$.
Double-Fringed Perfection. 10,000 seeds, $\$ 12.00 ; 1,000$ sceds, \$1.50: 500 seeds, 80 c .
Double-Fringed Pink. 5:)0 seeds, $\$ 1.00$.
Vaughan's Special Mixture Double, extra choice. 1,00J seeds, $\$ 1.50 ; 500$ seeds, 80 c ; $\frac{1}{64}$ oz., $\$ 4.00$.
Phacella Tenacetifolia, blue. Trade pkt., 5c; oz., 10c. Pheasant's Eye Pink. See Dianthus Plumarius.

## PHLOX DRUMMONDI GRANDIFLORA

## White.

Plnk.
Scarlet.
Crimson, white eye.
Black Brown.
Rose Striped
Cream with red eye.
Brllllant.

White, dark eye.
Skyblue Strīped White.
Scarlet Striped.
Kellow.
Flesh
Chamols Rose Alba Oculata.
Orblcularis Atrorosea.
Orbiscularis Purpurea.

## Atropurpurea Alba Oculata Orbicularls Violacea.

Crown Prince. Dazzling scarlet.
.oz. \$1 00
Rosea Aurea Stellata (Gold Star).
oz. 125
Each of above, except as noted, trade pkt., 10c; $1 / 4 \mathrm{oz} ., 25 c$; oz., 80c Trade pkt. Oz.

## Best Large-Flowering, mixed.

10
50
Phlox Drummondl, fine mixed . . . . . . . . . . . . . . . . ib., \$4.00
Double [sabellina semi-plena, ycllow.
Alba semi-plena, white
Atropurpurea semi-plena, red 15
Mixed, the above and others. . 20
Star of Quedlinburg (Star Phlox), mixed.
10

## Nana Compacta-Dwarf



Coerulea. A most beautiful sky-blue with white eye.
25
25

180
180 50

|  | Trade Pkt. | oz. $150$ |
| :---: | :---: | :---: |
| Purc White. | 25 |  |
| Sulphur Yellow | 25 |  |
| Apricot Color | 25 |  |
| Fiery Red. | 25 |  |
| Grandiflora White | 20 | 180 |
| Scarlet | 20 | 180 |
| Mixed | 15 | 100 |
| Hortersia-Flowered, extra choice, mixed | 10 | 70 |
| White | 20 | 100 |
| Scarlet | 20 | 120 |
| Brilliant rose | 20 | 100 |
| Salmon rose | 25 | 140 |
| Vaughan's Special Mixture, includes all the listed and others | ietics 15 | 100 |

## POPPY-Papaver

Glaucum, Tulip Poppy, deep scarlet flowers. . . . . . . . . . . . 10 40
Kirg Edward, single crimson black spot. . . . . . . . . . . . . . . 10
Laevlgatum, Persian or Firedragon......................... 5
Mephlsto, deep scarlet with blackish violet spots.......... 5
Mursevil, 害. pl. Mikado, white, crimson striped........... 5
Paeoriflorum fi. Double, White................................ 5
H. pl.. Double, White.

Yellow
Pink
Scarle t
Mixed
.1b., 60c
American Flag, white with scarlet
Ravoninum, Peacock, scarlet with glossy black ring.
Rhoeas single English Scarlet.
f. pi. double French mixed

Shirley.
Santa Rosa.
Salmore Shades, beautiful new colors................ 15
Somanlferum if. pl. double Carnation-Flowered. mixed
.1b., 60c
namum fi. pl. Cardinalle, scarlet.
fil. pl. White Swan.
Hansa, pure white ground color, passing towards the finely slitcd edge to a deep crimson.
Umbrosum, bright vermilion with black spots. .
Single Poppies, many sorts, mixed....... . . . . . . . . . . . b., 50 c
Double Poppies, many sorts and colors, mixed...... lb., 60c
Vaughan's Special Mixture, Single Poppies. . . . . . . . . . . . . 10
Special Double Poppies 10
Poppy Mlxture, includes all the double and single.... . 10

## VAUGHAN'S GIANT PANSIES

## Pansy Seed is One of Our Specialties, the Greatest Care Being Exercised to Maintain Its Excellence

Types of our
Pansy Blossoms

## VAUGHAN'S ELITE PANSIES

This is not a complete mixture like our International; it does not contain any pure white, yellow or any self colors. It is comprised of the cream of four Pansy specialists' choicest and most expensive mixtures. Trade pkt., 50c; 1/8 oz., \$1.00.

## IMPROVED GERMAN MIXTURE

This is a mixture of three strains from different German growers and is made up mostly of separate colors, with a sufficiently large percentage of white and yellow. Tradepkt., 10c; $1 / 8 \mathrm{oz} ., 20 \mathrm{c} ; 1 / 4 \mathrm{oz} ., \mathbf{3 5 c} ; \mathbf{0 z} ., \$ 1.25$.

## VAUGHAN'S CUT FLOWER MIXTURE

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of the flowers. Pansies are as easily grown as violets, require less care and bring better returns. Trade pkt., 25c; $1 / 8 \mathrm{oz} ., \mathbf{8 5} \mathbf{c} ; 1 / 4 \mathrm{oz.}, \mathbf{\$ 1 . 5 0 ;}$ oz., $\$ \mathbf{5 . 0 0}$.

## NEW PRINCESS PANSIES

Of the Cassier and Masterpiece type, habit remarkably erect, which is its distinguishing characteristic. Extensive range of colors with yellow predominating. Trade pkt., 25c; oz., \$1.50.

## VAUGHAN'S GIANT PANSY MIXTURE

Embraces besides all the separate shades and colors five special strains not listed elsewhere, and which can only be had in this and our International mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain. Trade pkt., 25c; $1 / 8 \mathrm{oz}$., 60c; oz., $\$ 4.00$; $1 / 4 \mathrm{lb} ., \$ 14.00$.

## VAUGHAN'S INTERNATIONAL PANSIES

Vaughan's International Pansy Mixture was first offered by us in 1889. We import from all the best European sources, and personally inspect the fields of French and German specialists. Each year has added to the quality of its flowers and variety of its colors. We buy every year novelties of known merit to improve the mixture; it is always complete, always the latest and always the best mixture. We add to all Pansy Mixtures which we now buy more than fifty per cent of the choicest named kinds obtainable, each in correct proportion. This is one of the speclalties which has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. Trade pkt., 50c; $1 / 8 \mathrm{oz.}, \mathbf{\$ 1 . 5 0}$; 1/2 oz., \$5.00; oz., \$10.00.



SALVIA-Splendens


SALPIGLOSSIS-Vaughan's Special Mixture


PRIMULA-Obconica Grandiflora Crispa

## PORTULACA

Single, white, rose, golden, scarlet Large-flowering sorts, mixed
Parana, large-flowering, rosy carmine. A splendid variety for large beds in parks, etc. Very effective if
Double large-flowering sorts, finest mixed. white, pink, scarlet, yellow, each.

## PRIMULA CHINESE GIANT

The finest strain from the very best sources in England.
Trade pkt. of any of the following varieties, $\mathbf{3 5 0}$ seeds, each 50c. COVENT GARDEN WHITE.
TRUE BLUE. The best blue Primula.
CHISWICK RED. Improved. Red.
QUEEN ALEXANDRA. The largest Giant White.
GIANT PINK
GIANT SALMON.
CRIMSON KING. Deep, rich crimson, with dark brown eye.
RUBY QUEEN. Fiery. intense scarlet, with bright yellow eye.
HIS MAJESTY. Beautiful dark crimson blooms.
DELICATA. A beautiful soft pink color.
ORANGE KING. The beautiful orange color in the bud and the orange-salmon shade around the edge of terra-cotta petals are most pleasing.
QUEEN MARY, rose pink
GIANT MIXED includes this year a number of new shades.
VAUGHAN'S INTERNATIONAL PRIMULA MIXTURE. This mixture is composed of the most salable colors of single flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. We have taken special pains to make this mixture as complete as possible, and unreservedly recommend it to everyone. Pkt. of 350 seeds, 50 c; per $\frac{1}{16}$ oz., $\$ 4.00$.

## PRIMULA—Various Sorts

Trade pkt
Forbesi, the Baby Primrose
$\frac{1}{16}$ oz., 40c \$0 25
Maiacoldes, an improved Forbesi
$\frac{1}{16}$ oz., 75c 25
Kewensis, large yellow flowers
500 seeds, 50c
Our P. Obconica seed is from the finest collection in Germany. The strain is unsurpassed in color and size of flower. There is none better.
Obconica Grandifiora, mixed.... $\frac{1}{32}$ oz., $\$ 1.25 ; 1,000$ seeds $\$ 0$ Trade 50

## BrIght Rose

 $\frac{1}{64}$ oz., $\$ 1.00 ; 1,000$ seeds $\frac{1}{32}$ oz., $\$ 1.25 ; 1,000$ seedsWhite . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\frac{12}{64}$ oz., $\mathbf{0 z 1 . 0 0 ;} 600$ seeds
Fire Queen . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 500 seeds Coerulea. ..................................... . . . 600 seeds Compacta Rosea . . . . . . . . . . . . . . . . . . . . . . 600 seeds Crispa, curled petals, apple-blossom pink. . 500 seeds Gigantea Rosea, new, 1-32 oz... ..........52.50; 600 seeds Kermesina new crimson, $1-32$ oz.... $\$ 2.50 ; 600$ seeds Oculata Rosea. . . . . . . . . . . . . . . . . . . . . . . . . 600 seeds
Pyrethrum Parthenifolium Aureum, Golden Feather. Parthenifolium Aureum Selaginoides.

## Rhodanthe, mixed

Ricinus Zanzibariensis, mixed
.lb., \$1,00
Zanzibariensis Enormis
Borboniensis
ib., 60c
Cambodgensis, very dark
Mixed, many kinds

Trade pkt. Oz. $\begin{array}{rrrr}\$ 0 & 10 & \$ 0 & 40 \\ & 5 & & 20\end{array}$
$\mid$

Rudbeckia Bicolor Superba, large
Trade pkt. Oz
Bicolor Superba, semi-plena
Saipigiossis Variabilis, mixed.
Large-Flowering, extra choice mixed
Grandifiora Superbissima. Crimson
Faust, black
Lilac and Goid
Pink.
Purple, Vioiet and Göid
Velvety Vioiet
Goiden Yellow
Emperor, mixed, very fine
100
Vaughan's Special mixture

## SALVIA

Saivia Splendens (Scarlet Sage).. ....
Splendens Clara Bedman or Bonfire.
Drooping Spikes, very fine
Firebali, dwarf.
$\$ \$ 14.00$
15
25
25
35
50
10
15
10
SCABIOSA
Scabiosa, Double Dwarf, mixed. .

Large Flowering, Doubie Tall, mixed
30
Atropurpurea Major, Tall, mixed
Snowbaii, best double white
Double Fiery Scarlet
Black Prince.
Flesh.
Mauve
Yellow (minor aurea pl.).
Schizanthus (Butterfly Flower), mixed.
Hybridus Grandiflorus
Zurich, very dwarf and early
Coccinea, s:arlet, annual
Farinacea, blue.
100
160
160
180
250
350
30
30
30
80 40

Wisetonensis. . . . . . . . . . . . . . . . . . . . . . . . . 350 seeds
Bridal Veii, glistening white flowers, foliage fresh green finely laciniated
Sedum Coeruleum (Stone Crop), $1 / \neq$ oz., $60 c$
Senecio Elegans fl. pl., double mixed.
Sensitive Plant (Mimosa Pudica)
Shamrock
Sliene Pendula Alba
Rosea
Armería (Catchfly), mixed
1/4 lb., 70c; lb., \$2.60
Snapdragor. See Antirrhinum
Soianum Capsicastrum Nanum, Jerusalem Cherry.
Capsicastrum Melvini, better than above, plants sinaller, berries pointed and do not drop easily
Statice Sinuata, blue, fine cut-flower; used largely in London
Stevia Serrata, white, fine cut-flower
Lindleyana, white, better than Serrata in color and roliage.................... STOCKS

## STOCKS

Double Large-Flowering Dwarf German Ten Weeks
Canary Yeliow. Dark Biue. Crimson. Briliiant Rose.

## Light Blue. Biood Red. Whlte.

Fiesh.
Each of above, trade pkt., 25c: oz., $\$ 1.80$.
Trade pkt., one each of the above, $\mathbf{8}$ for $\$ 1.50$.
Extra Choice Mixed, all colors
rade pkt. Oz
$\$ 025$ \$1 25

## SWEET PEA CULTURE CONDENSED

Trench deeply; manure liberally; plant thinly; stake quickly; water freely; dispod promptly. George Stanton.


TYPE OF SPENCER SWEET PEAS

## SWEET PEAS

## SPENCER VARIETIES

Afterglow. Bright violet standards shaded rosy Oz. $1 / 4 \mathrm{Ib}$. Lb. amethyst, wings paler blue, waved, requires shading.
$\$ 065$
\$2 25
America. White ground, heavily striped and flaked with bright crimson scarlet. A large bold flower of splendid form.
Apple Biossom. Standard very bright rose, wings primrose with a flush of rose tint.
Asta Ohn. A soft pinkish lavender self. Flowers very large and beảutifully waved. A very charming variety
Aurora. Flowers white, mottled and flaked with bright orange pink
Blanche Ferry. A giant type of Spencer form, with rose standard, and wings white suffused and tinted with light pink
Captaln of the Blues. Pure purple, the margin of the petals is marbled. Very large and distinct.
Clara Curtis. A beautifully waved cream of good substance, usually has four blossoms on a stem..
Countess Spencer. The original giant flowered Spencer, with finest waved standard and wings clear pink, deepening somewhat towards the edge, but almost self colored.
Dalnty. White ground, with beautiful picotee edge of rose pink, splendid form.

The Sweet Pea crop was, unfortunately an exceedingly short one again this year and the stock, such as florists need, is especially soWe were fortunate in having a fairly good delivery from experienced men, from stock seed in many cases supplied by us and we are prepared to supply to our customers the best the market can offer.

## SPENCER VARIETIES-Continued

Earl Spencer. Beautiful salmon rose, waved.... soris $\mathbf{s o n}_{35}^{1 / 4} \mathrm{lb}$.
Edrom Beauty. Salmon orange. . . . . . . . . . . . . . $\quad 40 \quad 150$
Elfrlda Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of
buff....... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
EIsle Herbert. White ground, edged pale rose. .
Ethel Roosevelt. Cream ground, daintily striped with soft crimson.
Evelyn Hemus. Cream, with a picotee edging of terra-cotta pink. . . . . . . . . . . . . . . . . . . . . . . . .
Flora Norton. Light blue.
$35 \quad 125$
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft blush pink.
Florence Nightingale. A very large, finely waved bluish lavender. A
George Herbert. Rose crimson, suffused with magenta and showing veins in wings.
Helen Lewis. Blooms large orange salmon with pink especially bright orange standard.
Hercules. A pale rosy pink flower of giant size. .
King White. Produces gigantic flowers of an absolutely pure white and is so distinct in growth and has so much more vigor than any other White Spencer that the variety may be told simply by the vine itself. Compared with White Spencer the entire vine seems to be twice as itself. Compared with $\begin{aligned} & \text { vigorous: the flower is of a purer white, of better substance and more finely }\end{aligned}$ placed on the thick, long stems. The standard is of finest form, decidedplaced on the thick, long stems. The standard is of finest form, decidedly frilled and waved, and terminates beautifully at the throat. Wings large, waved and gracefully cover the keel. The keel is of pure white is very large and strange to say, adds much to the beauty of the bloom especially when the flowers are so bunched as to show this handsome well-formed keel. Pkts. 18 cts., 10 pkts. $\$ 1.65$.
Klng Edward VII. The best pure red Spencer, very large, with especially immense wings........
Lady Knox. Deep cream, beautifully edged with pink on the standard........................... ly margined with rose which flushes into the ly margined with rose which flu
Margaret Madison. A beautiful self colored azure blue. A lovely shade
$\mathrm{Oz}_{2} 20$

Marie Corell1. A bright glowing crimson, almost a self color. .
Mary Garden. A very light cream pink.
Maud Holmes. Rich crimson Spencer, fine large flower and quite sunproof..

400

May Campbell. A most distinct Sweet ground color cream, standard marbled in center with carmine, wings slightly veined with same with carmine, wi
color. Pkt. 15 c .
Mrs. A. Ireland. Standard bright rose pink, with creamy base, wings blush.
Mrs. Hugh Dickson. A light salmon pink on cream ground, strong grower, throws four flowers to a stem.
Mrs. Noakes. A fine lavender of Spencer form beautifully waved.

20
$65 \quad 240$

Mrs. Routzahn. Buff or apricot ground flushed and suffused with delicate pink.
Mrs. Townsend. White suffused and edged with blue
Nettle Jenkins. Pale lavender mauve.
Nubian. Fine chocolate color
Orange Perfection. A very bright orange of splendid form, absolutely sunproof.

85300
Othello. Of immense size, with large drooping wings, rich maroon. One of the best dark sweet peas.
Pearl Gray. Very fine lavender on primrose ground; the general effect is a pretty bluish gray
Primrose. Deep primrose or creamy yellow of largest size.............................................
Rainbory white...... ................................ . . . .
Rosabelle. A very fine large rose-colored flower, giant size and a strong grower producing abundance of sprays of fours

## Peas <br> 

## ODORATUS)

We are frequently asked to suggest varieties for inside planting. Beginning with the first of the year the Spencer varieties may be planted for early summer blooming and the Grandiflora may be planted at the same time for spring flowering. In the Spencer class we offer Countess Spencer for pink, White Spencer for white, Asta Ohn for lavender. In the Grandiflora and Unwin class, Gladys Unwin, pink; Dorothy Eckford, white; Lady Grisel Hamilton, lavender.

The Christmas varieties for planting during the summer and fall for winter blooming are-Christmas Pink, pink and white, Christmas White, Mrs. Alexander Wallace, lavender.

## SPENCER VARIETIES-Continued

 grey ground, large and most distinct..............
Stiring stenced by weather than any other variety of its class.
Tennant. Purplish mauve, a large, fine flower, and a good grower.
Thomas Stevenson. Bright orange scarlet, almost a self.
Vermiliton Briiliant. A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved.
White. Flowers very large and of magnificent Spencer waved form. Stems as a rule carry four blossoms..
Vaughan's Speciai Mixture of Spencer Varleties. In offering this mixture we are giving our customers the cream of this class in all possible customers colory surprises will result, as we have included happy not only the above sorts but many others whieh are new and striking in this class ........... $\quad 25 \quad 80 \quad 300$
Spencer Hybrids in splendid mixture

## UNWIN AND GRANDIFLORA TYPES

| a. The brightest blood-red, striped white. | 10 | 25 | 80 |
| :---: | :---: | :---: | :---: |
| Black Knight. Dark maroon | 10 | 25 | 90 |
| Blanche Ferry. Pink and Whit | 10 | 25 | 80 |
| Captain of the Biues. Purplish mauve | 15 | 50 |  |
| Dainty. White, with pink edge, unique | 10 | 25 | 80 |
| Dorothy Eckford. One of the best whites. | 10 | 20 | 60 |
| Emily Henderson. White, early and free. | 10 | 20 | 60 |
| Frank Dolby. Largest and finest pale blue. | 20 | 65 | 260 |
| Fiora Norton. A very bright blue. | 10 | 30 | 100 |
| Gladys Unwin. Pale rosy pink. | 10 | 30 | 00 |
| Heien Pierce. Blue, with dark grain markings .. | 10 | 30 | 100 |
| Henry Eckiord. Of extraordinary orange color | 15 | 50 |  |
| Hon. Mrs. E. Kenyon. Yellow | 10 | 20 | 65 |
| King Edward VII. Special selection, especially fine. | 10 | 25 | 80 |
| Lady Grisei Hamilton. Best of all lavender sorts. | 10 | 30 | 100 |
| Lord Neison. Deeper and richer than Navy Blue, same as Brilliant Blue. | 10 | 25 | 80 |
| Mrs. Geo. Higginson, Jr. Dehcate light blue. . | 30 |  |  |
| Mrs. Waiter Wright. Beautiful mauve color. | 10 | 25 | 80 |
| Navy Blue. Deep violet blue |  | 60 |  |
| Nora Unwin. Giant white Prima Donna. Soft pink. | 10 | 25 | 200 |
| Queen Aiexandra. Giant size scarle | 10 | 35 | 120 |
| Rose du Barri. Salmon rose and orange | 10 | 25 | 90 |
| Salopian. One of the best of the dark bright reds. | 10 | 25 | 90 |
| Senator. Chocolate, striped white. | 10 | 20 | 60 |
| White Wonder. The many-flowered white. | 10 | 35 | 120 |

## CHRISTMAS OR WINTER-FLOWERING SWEET PEAS

|  | $\begin{gathered} \mathrm{Oz} . \\ \mathbf{\$ 0} \mathbf{1 0} \end{gathered}$ | $\begin{aligned} & 1 / 4 \mathrm{lb} . \\ & \$ 035 \end{aligned}$ | ${ }_{\$ 1}^{L b} 20$ |
| :---: | :---: | :---: | :---: |
| Christmas Countess \} Sky blue. | 15 | 40 | 150 |
|  | 10 | 35 | 125 |
| Christmas Meteor. Brilliant red. | 15 | 40 | 150 |
| Christmas Prima Donna $\}$ Daybreak pink. | 10 | 35 | 125 |

Green aphis sometimes attacks the foliage of Sweet Peas, although it is not generally a serious pest, it may be kept under by dusting with tobacco powder and afterward syringing vigorously


## SWEET PEAS UNDER GLASS

CHRISTMAS OR WINTER-FLOWERING SWEET PEAS-Continued


## SWEET PEAS IN MIXTURE

Vaughan's Prize Mixture. This mixture contains the cream of the new and standard sorts, including most of the new Spencer varieties. It is made up entirely of separate named sorts, earefully proportioned as to its composition, and we can safcly say "there is no better misture in existence" no matter at what price or under what name it may be offered. Perilb........... $\$ 120$
Vaughan's Fiorists' Mixture. This is a mixture made by ourselves, Vaughan's Fiorists' Mixture. This is a mixte for forists' cut-flower
of principally light-colored varieties, suitable of principally light-colored variectes, sud mixture and gives satisfaetrade. It is a very carefully proportioned mixture and gives ....\$1 20 tion. Per ib
Eckford Mixtare. This mixture contains over thirty varieties, including some of the novelties of 1913 and other ehoice sorts. Per lb...60c
(he I have purchased my supplies of your house every it has to be by past ten years, mostly in person, but in this instance mail. Strawberries purchased from you yeld safely and are already this terrible winter the plants came through samel looking fine. Sweet Peas for the past three summers bought of . The were surprisingly love
J. J. Doyle, Connersville, Ind.


STOCKS-Giant Perfection
STOCKS-Continued

## GIANT PERFECTION Cut and Come Again

If sown in March or April these will begin flowering in July and continue until fall. They throw out numerous side branches. A splendid
Briliant Lliac. Llght Blue.
White (Princess Alice.) Dark Blue.

## Fiesh.

Pink.

## Scarlet.

Each of above trade pirt 25 , $/ 6$
Glant Perfection, all colors mixed, trade pkt., 20c; $1 / 8 \mathrm{oz} ., 35 \mathrm{c}$; oz., $\mathbf{\$ 2 . 0 0}$.

## PRINCE BISMARCK

Pure White, Robust and of pyramidal habit, this new stock bears long stalks studded with very large fowers and attains a height of $21 / 2$ feet. It begins blooming, when other stocks are finished and continues till late in the summer. .

## Goid Ball, yellow

Lavender
$1 / 8$ oz., 40c\$0 25
irefiame, the most brilliant red of all. . . . . . . . $1 / 8 \mathrm{oz} ., 50 \mathrm{c}$
Snowfiake, the earliest Ten Weeks stock. . . . $1 / 8 \mathrm{oz}$., $\mathbf{\$ 1 . 2 5}$

## Giorla

/8 oz., \$1.25 $\quad 50$
Mammoth White Column. Of luxuriant growth, attaining in the open ground a height of 3 feet, and producing only a single sturdy spike of bloom, closely furnished with enormous faultless, double flowers of purest
white.
Crimson Column of purest
$1 / 8$ oz., 60 c
1/3 oz., 60c

## BEAUTY OF NICE

## Early Large Flowering, Winter.

| 1/4 oz., 50c | 25 | 80 |
| :---: | :---: | :---: |
| Mont Blanc. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4 /$ oz., 85c | 25 | 300 |
| Crimson. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., 30c | 15 |  |
| Cote d' Azure, blue. . . . . . . . . . . . . . . . . . . . . . . .1/8 oz., 45c | 25 |  |
| Queen Alexandra, lilac rose | 25 | 200 |
| Monte Carlo, yellow . . . . . . . . . . . . . . . . . . . . . . .1/8 oz., 30c | 15 |  |
| Abundance, brilliant lilac | 25 |  |
| Beauty of Nice, mixed | 25 | 275 |
| Emperor or Winter, white, pink, crimson or mixed, each. | 25 | 400 |
| Empress Eilizabeth, brilliant carmine rose. | 25 | 450 |
| Large-Fiowering Winter Whlite Lady....... 1-16 oz., 75c | 25 |  |
| Streptocarpus, Vaughan's Giant Hybrids. 500 seeds, 50c |  |  |
| Sunflower, Minature (Cucumerifolius) | 5 | 15 |
| Cucumerifolius Albus, white. | 5 | 20 |
| Stelia. | 5 | 20 |
| Orion. | 5 | 20 |
| Doubie Hybrids | 10 | 30 |
| Varieties, mixed. | 5 | 25 |
| Argyrophyllus (Silver-leaved) | 5 | 15 |
| Californlcus fi. pl., double Californian . . . . .lb., \$1.00 | 5 | 15 |
| Globosus Fistulosus fl. pl., fine double . . . . . . . . 1b., 1.00 | 5 | 15 |
| Double Dwari (Nanus f. pl.)............. .lb., 1.25 | 5 | 15 |
|  | 5 | 15 |
| Thunbergia, mixed..... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 10 | 40 |
| Torenia Fournieri Grandiflora. . . . . . . . . . . . . . . $1 / 8 \mathrm{oz}$., $\mathbf{3 0 c}$ | 10 |  |
| White Wings.. . . . . . . . . . . . . . . . . . . . . . . . . . 1/8 oz., 30c | 10 |  |



ZINNIA-Vaughan's Giant Flowered VERBENA

Defiance, brilliant scarlet, true.
Trade pkt. Oz.
Eilen Wilimott, a good deep pink, varies
\$0 15 \$1 00
Flrefly, brilliant scarlet, white eye
Hybrida Gigantea, $a$ mixture of a new Giant strain in which red shades with a white eye predominate.
Mammoth, mixed.
White, extra choice,
Purple shades
Striped on red ground
Auricula-Flowered, mixed
Mayflower, beautiful pink
Carmine, white eye
Scarlet, white eye
Dark Blue, white eye.
Lutea, yellow
Good Mixed
Extra Cholce Mixed
Nana Compacta, Dwarf Mixed
lenosa.
Lemon (Citriodora)
Erlnoldes, Moss Verbena, purple

## White

 50c; oz., \$2.00; 2 ozs., \$3.50.


AQUILEGIA-Columbine


CAMPANULA - Canterbury Bell


SHASTA DAISY

## SEEDS OF BIENNIALS AND HARDY PERENNIALS

Abobra Widifla, perennial climber. $\$ 010$Acanthus Latifolius, very ornamental Mollis, fine foliage
Achillea Ptarmica, fl. pl.,The Pearl.
Aconitum Napellus (Monk's Hood), blue.
... .
1-16 oz
Adlumia Cirrhosa (Allegheny Vine), dark rose.
$1 / 4 \mathrm{oz} ., 15 \mathrm{c}$
1/4 oz., 75 c
Adonis Vernalis, bright yellow
Agathea Coelestis (Blue Daisy)
1/403. 250
Agrostemma Coronaria, mixed
Flos Jovis, pink
Alyssum Saxatile Compactum, yellow
Ampelopsis Veitchii (Boston or Japan Ivy) . . . . . . . . . Ib., $\$ 1.50$
Anchusa Angustifolia, azure blue.
Italica, Dropmore variety, gentian blue..
i/4 oz., 40c
Anemone Sylvestris, white
Coronaria, mixed.
St. Brigid's Hybrids.
$1 / 4$ oz., 35c
Pulsatilla, violet lilac.
Anthernis Tinctoria (Golden Marguerite)
Kelwayi, yellow
Aquilegia Canadensis, scarlet and yellow Chrysantha (Golden Columbine)
Chrysantha Grandiffora Alba, white.
Fl. Pleno, double.
1/4 oz., 45 c
Coerulea, Rocky Mountain Columbine
Hybrida (Haylodgensis)
Rose Queen, pink
ow white
1/8oz., 75
Hel
Nivea Grandiflora, large white
Vervaeneana Atroviolacea plenissima, double dark violet.
Vulgaris Alba Plena, double white
F1. Pl., double mixed
$1 \mathrm{lb} ., \$ 2.00$
Single mixed
Barr's Scarlet and Pink shades.
English Long Spurred
rabis Alpina (Alpine Rock-Cress), white, sweet scented Grandiflora Superba
Aristolochia Sipho (Dutchman's Pipe)
Armeria Maritima (Cushion Pink), purple Formosa (Sea Pink) Laucheana
Asclepias Tuberosa, orange.
Asperula Odorata (Woodruff or Waldmeister)
Aster, Perennial Mixed (Michaelmas Daisy)
Auricula, extra choice mixed
1/8 oz., 75 c
Baptisia Australis (False Indigo), blue
Bellis or Double Daisy, Vaughan's Mammoth Mixture. Vaughan's Mammoth, White. ....... 1,8 oz., 350 Vaughan's Mammoth, White
$1 / 8$ oz., 35 c
Double Extra Choice, mixed $1 / 8$ oz., 35 c Double Extra Choice, mixed Snowball,
Monstrosa, White, giant double
Pink giant double
$1 / 8$ oz., 30 c
1/8 oz, 30c Turban, double red. . . . . . . . . . . . . . . . . . . . . . . . $1-32$ oz., $\$ 200$
\$0 15

Betonica Grandiflora Superba
Bocconia Japonica (Plume Poppy), fine foliage plant
Boltonia Asteroides tonia Asteroides

Trade Pk
thalmium , pale blue.
Bupthalmium Cordifolium .
Callirhoe Involucrata, dark re
Campanula Carpatica (Hare Bell)
Carpatica Alba, white
Crystallocalyx
Longistylum, violet blue
Grandiflora-see Platycodon
Lactiflora Alba
Coerulea.
Macrantha, blue, large flowers
Macrostyla, large violet flowers
Medium, single mixed (Canterbury Bell) .........ib, $\$ 2.20$
White, blue, striped or pink
. .each
Double mixed
Double and single mixed
Calycanthema (Cup-and-Saucer), choice mixed
Calycanthema, pink, striped, bluc, white .... each
Mirabilis, beautiful blue
000 seeds 50 c
Persicifolia Grandiflora Alba; excellent cut flower.
Coerulea, blue
Mixed
Moerheimi, double white
1/8 oz., \$1.50
Pyramidalis, blue
Perennial varieties, mixed
Candytuft Sempervirens (Hardy Candytuft), white
Gibraltarica, large flowers, lilac, shading to white
Catananche Coerulea, fine cut flower
Coerulea Bicolor, white
$1 / 8 \mathrm{oz} .75$
Cerastium Tomentosum (Snow in Summer)
$1 / 8$ Oz ., 00
Centaurea Pulcherrima, a fine pink cut flower............................. flesh-color, pink to dark red and violet
Lyoni.
Torreyi, brick red.
Chrysanthemum Maximum (Ox-Eye Daisy)
King Edward VII. Robust, fine
Market Favorite. A splendid cut flower variety
Mrs. C. Lothian Belle, new large white
Leucanthemum (Spring Marguerite).
Convolvulus Althaeosdes Foribundus
Coreopsis Lanceolata, golden yellow
b., $\$ 3.00$

Grandifiora Eldorado
Cineraria Maritima Candidissima
lb., 3.00

Maritima Diamond, leaves pure white.
Cowslip-See Primula Veris.
Daisy-See Bellis.
Shasta Alaska, best of all the Shasta Daisies
Delphinium (Larkspur) Elatum Hybridum, mixed
Elatum Hybridum, double Hybrids, mixed, very choice.
Kelway's New Hybrids. The seed we offer was raised from
the finest collection of Larkspurs.
Belladonna Mybrids. . .
$1 / 8$ oz, 50 c
Formosum, blue, 3 feet.
.lb., \$7.00
Coelestinum, sky-blue
Grandiflorum.
Chinese, single blue, fine cut-fiower
Single white.
1b., $\$ 3.00$


DIGITALIS-Fox Glove


MYOSOTIS-Forget-Me-Not


DELPHINIUM-Larkspur

## SEEDS OF BIENNIALS AND HARDY PERENNIALS—Continued



Diant hus Barbatus (Sweet William).
Albus, white.
Atrosanguineus, blood red
Carmine Beauty
1/8 oz., 60c
Coppery red
Diadematus
Harlequin, or Mutabilis.
Johnson's Giant.
Nigrescens, velvety black maroon
Rose Newport Pink.
Salmoneus, salmon
Sutton's Scarlet.
Single Mixed.
lb., $\$ 1.50$
Single Giant Flowered, mixed. .lb., 4.00
Albus, pl., Double white
Atrosanguineus, pl., Double blood red
Roseus, pl., Double rose
Double mixed.
.lb., 8600
Double Giant Flowered, mixed
Vaughan's Special Mixture, double and single
Dianthus Plumarius (Pheasant's Eye), single mixed...lb., $\$ 2.20$ Double, fine mixed
Cyclops, best single
Nanus, fl. pl., early-flowering sorts.
Semperflorens, single and double mixed
Albus Plenus, double white
Perfection, new; very fine.
Diadematus, new
Vaughan's Special Mixture.
Dictamnus Fraxinella (Gas Plant), red.
lb., $\$ 2.00$ Alba, white. ... C .ileasica. rosy
Digitalis Grandiflora (Golden Foxglove), dwarf
Gloxiniaeflora, mixed
lb., 3.00
White, Pink, Purple.
Maculata Iveryana, spotted
Purpurea Monstrosa, mixed
Mixed.
1b., $\$ 1.60$
Vaughan's Special Mixture.
1/40.... 50e
Echinops Ritro, blue; fine Sphaerocephalus, light blue
Edelweiss (Gnaphalium Leontopodium)
1/8 oz., 30c
Erigeron Aurantiacus Hybridus, large flowering hybrids of the Orange Daisy
Grandifilora Elatior
i/8 oz., 25 c
Eryngium Amethystinum, large blue flowers Apinum, dark bue
Eupatorium Ageratoides, fine cut-flower Fraseri, white

Forget-Me-Not, Alpestris, blue .
Alpestris, white. . . . . . . . .
Trade Pkt.
Alpestris, white. 10
10
Rosea, pink.
tliza Fonrobert, blue
Victoria, sky blue.
Indigo Blue
Palustris Semperflorens
Palustris, true
Vaughan's Early and Late Flowering
Hybrida Ruth Fischer.
. fry free . . .
Hybrida Star of Love, very free flowering........... . . . $1 / 8$ oz., 60 c
Gaillardia Grandiflora, mixed.
.lb., \$2.00
Grandiflora Compacta, mixed.
Kelway's The flowers are of enormous size and the colors the most varied we have ever seen
Grandifora Maxima Kermesina Splenden
Sulphurea Oculata (Sulphur Queen) Sulphurea Oc
Gentiana Acaulis, dark blue.
Geum Atrosanguineum fl. pl., double scarlet
Heldreichi, large orange.
Golden Rod, Solidago Canadensis.
Gypsophila Paniculata, fine for bouquets.
Paniculata, fl. pl
Helenium Autumnale Superbum
Autumnale Superbum Striatum.
Bigelowi, yellow
Hoopesi, yellow
Riverton Beauty
Helianthus (Sunflower), Perennial Hybrids.
Maximilianii, early flowering
Heliopsis Pitcheriani (Orange Sunflower)
Hesperis Matronalis, purple.
Alba.
Heuchera Sanguinea (Alum Root). Crimson. . . . . . . . . . $1 / 4$ oz., 50 c
Splendens. dark red. Brizoides, rosy..
Hibiscus, Crimson Eye
Giant Yellow or Golden Bowl
Moscheutos Roseus.
. . . . . .lb., \$3.00
Mallow Marvels
Hollyhocks, double white, yellow, pink, blood-red, deep rose,
salmon, crimson, Dr. Faust; white with pink base; white
With purple base.........
Chater's Prize Double, mixed.
Allegheny, Mammoth flowering, mixed
Everblooming Single Hybrids
Double.
$1 /$ oz., 25 c
$.1 \mathrm{~b} ., \$ 3.00$
$\begin{array}{ll}\text {.lb., } & 7.00 \\ \text {.lb., } & 3.50\end{array}$
yacinthus Candicans
. . . . . . . . .
Iberis-See Candytuft.
$1 / 8$ oz., 40c Grandiflora, large dark carmine.
$1 / 8 \mathrm{oz} ., 40 \mathrm{c}$
Inula Ensifolia, golden
.........
Glandulosa Grandifiora, golden orange
1/8 oz., $\$ 1.00$
Iris Kaempferi
lb., $\$ 2.80$
thyrus Latifolius, Perennial Pea, white
lb., 2.00
Rink Beauty.
.lb., 2.80
Apple Blossom
1/4 oz., 7 íc $^{\circ}$



## SEEDS OF BIENNIALS AND HARDY PERENNIALS-Continued

Linaria Cymbalaria (Kenilworth Ivy), pink. Cymbalaria Alba, white. Mymbalarica Alba, white. ............................
Linum Perenne (Perennial Flax), blue, 2 feet. Perenne fl. albo, white. Mixed.

## Flavum, yellow

Lobelia Cardinalis (Cardinal Flower) Syphilitica, blue.
Lupinus Polyphyllus Roseus
Polyphyllus Albus, white
Atro-coeruleus, dark blue
Mixed.
Arboreus Snow Queen, white.
Lychnis Chalcedonica (Lamp Flower) scarlet. . . . . . . . . lb., $\$ 2.00$ Chalcedonica Alba, white
Flos Cuculi.
Haageana, scarlet
Hybrids.
Nana, dwarf
Atrosanguinea
ythrum Roseum Superbum (Rose Loosestrife).
Matricaria Capensis fl. pl., white
Capensis Alba Plenissima, best
Golden Ball..
Monarda Didyma
100 seeds, 35 c
Hybrids.
Myosotis-see Forget-Me-Not
Oenothera Fraseri, deep yellow Macrocarpa, dwarf
Younge, large yellow bloom
Papaver (Poppy) Alpinum Laciniatum
Nudicaule (Iceland), mixed.
Nudicaule yellow orange, whin...................................... . . . 5
Double mixed
oz.each
oz
New Shades.
.ib., 84.00
Hyb, Oriental Poppy, scarlet.
Hybrids, new varieties, mixed
Princess Victoria Louise, soft lilac rose
Excelsior, mixture of salmon and crimson shades.
Bracteatum, scarlet.
lb., $\$ 1.60$
Pentstemon Gentianoides Grandifora, newest large-flowering varieties in splendid mixture.
$1 / 8$ oz., 30 c
Pubescens, lilac
Pulchellus Hybridus.
Digitalis, flesh colored
. . . . . . . . . . .pkt. 15 c
Phlox Decussata, Perennial varieties mixed
Physal is Francheti, large orange fruits
hysostegia Virginica (Speciosa), pink
Virginica Alba, fine cut-flower
Virginica Alba, fine cut-flowe
Platycodon Mariesi, dwarf blu
Mariesi flore albo, white..
Mariesi flore albo, white.
Macranthum (majus)
Grandiflorum,
Album.
Plenum double white (produces only a small per-
centage of double flowers).
Coeruleum Plenum, double blue.

Trade Pkt. Oz . $\$ 0 \quad 15$
15 5
5
15

Oz. $\$ 100$
100

Poppy-see Papaver
Trade Plst.
Oz .
Potentilla Formosa, light red

Sieboldi (Cortusoides a moena grandifiora), 1,000 seeds, $\$ 1.15$; 250 seeds, 40 c

sales; pkt. 500 seeds, $25 \mathrm{c} . . . . . . .$. . . . . . . . . . . . $1 / 8$ oz., 75 c Lutea Gigantea, yellow.

1/s oz., 75 c Vulgaris, Yellow Primrose
lb., $\$ 5.00$
Pueraria Thunbergiana (Kudzu Vine)
1... 81 -

Pyrethrum Roseum, single mixed.
Roseum Hybridum Double Mixed
1/8 oz., $\$ 1.25$
Roseum Hybridum Grandiflorum, a new giant-flowered strain Uliginosum, fall bloomer Kelway's Hybrids
Rehmannia Angulata, rosc and red shades
Rheum Palmatum Tanguticum, brown red leaves
Romneya Coulteri (California Giant Poppy)
Rosemary (R. offieinalis)
Rudbeckia Laciniata, yellow
Newmannii, viyid yellow, a long bloomer
Purpurea (Echinacea)
Fulgida yellow
Nitida Autumn Glory
Large Flowered Yellow
Salvia Argentea, silver-leaved sage. Patens, sky-blue
Saponaria Ocymoides Splendens, clouds of pink flowers Caucasica, fl. pl
Scabiosa Caucasica, lavender
Caucasica Alba, white; fine cut-flower
Japonica, lilac
Sedum Coeruleum, Stone Crop
$1 / 4$ oz., $75{ }^{\circ}$
Schafta, purple
Stachys Lanata, silver leaves
Statice Latifolia, blue
Stokesia Cyanea (Stokes' Aster), blue Alba
Sweet William-see Dianthus Barbatus.
Thalictrum Adiantifolium
Tritoma Uvaria Grandiflora, new Hybrids
Veronica Spicata.
Viola Odorata Semperflorens, blue
Cornuta White Perfection.
Golden yellow.
Alue Perfection.
Admiration (dark blue) . Wermig, rich violet blue

Wahlenbergia-see Platycodon
Wallfower, best double mixed.
Wistaria Sixined.
Wistaria Chinensis.
$\$ 0 \quad 50$
40

## Vegetable Seeds for the Professional Gardener

The market gardener and florist demand high class seeds-their livelihood depends upon the quality of those which they plant. The $u_{j}$-to-date planter realizes that "the best seeds, are always the cheapest," so each year as gardening becomes more a profession and less of an occupation, the cry for "improved seeds" without regard to prices becomes stronger and stronger.

Vaughan's Seeds are from the best growers we have been able to locate during our thirty-siz years experience in the seed business. Cost has never been a consideration wich Vaughan's Seed Store when better quality might be had. We believe and all of our trials prove that our stocks average with those of any firm in the seed business.

And finally we can truthfully say that each year there is and will be a betterment in the seeds we offer not only because of new varieties, which are good in their way, but what we think more important, improved selections of standard sorts.

Growth. Every lot of seed is tested and of proven vitality before being sent out or sold.

## ASPARAGUS



## BONVALLET'S GIANT.

It is acclimated to our soil; it is more vigorous than imported French; and undoubtedly is the best commercial variety on the market.

The shoots are as large as any we have ever seen, they are purplish in color, or when planted deep produce the very finest of all white asparagus. Owing to the excellent quality, sweetness, tenderness and beautiful appearance. this is a highly favored sort. The seed is grown by the originator.

This is a money-maker for the gardener. Oz. 15c, $1 / 4 \mathbf{l b}$. $\mathbf{3 5} \mathbf{c}, \mathbf{l b}$. $\$ 1.25$.
Two year old plants, per $100, \$ 1.50,1,000, \$ 10.00$.

## EARLY GIANT ARGENTEUIL.

Direct from one of the largest plantations near Paris; our seed is imported. This sort is very large and is splendid for either green or white grass. Oz. 10c, $1 / 4 \mathrm{lb}$. 25c, lb. 75 c .
Asparagus Seeds March or April is the time to sow Asparagus. .ced As soon as the ground can be worked the seed should be planted in drills one foot apart and then covered with earth from $1 / 2$ to 33 of an inch deep.

## STANDARD KINDS.

Conover's Colossal
Palmetto
Columbian Mammoth, white
Early Giant Argenteuil
$\stackrel{\mathrm{Oz}}{\mathrm{si}}$ $\$ 0.10$ sol $\begin{array}{rrr}10 & \$ 0.15 & \$ 0.40\end{array}$ $\begin{array}{rrr}.10 & .15 & .40 \\ .10 & .15 & .40 \\ .10 & .15 & .45\end{array}$ .10
.10
ASPARAGUS ROOTS.
Early Argenteuil.
2-year-old Roots, per 1,000 .
Conover's Colossal; 1 -year-old Hoots, per 1,000 . 2-year-old Roots, per 1,000 5,000 Lots, $\$ 4.50$ per 1,000 . Barr's Mammoth. 1-year-old Roots, per 1,000 2 -year-old Roots, per 1,000 Bonvallet's Giant.

1-year-old Roots, per 1,000 2 -year-old Roots, per 1,000 Palmetto.

1-year-old Roots, per 1,000 2-year-old Roots, per 1,000
Artichoke, Green Globe, Pkt. 10c, oz. 30c.
Jerusalem Artichokes (Tubers) Pk., 35c, Bu. \$1.15.
If shipped from New York add 50c Bb., 20c Bu.

## BUSH LIMA.

In the small early Sieva type-Henderson's Bush Lima; for potato typethe New Fordhook or Dreer's Bush Lima; for large Limas-New Wonder, Burpee's Improved and Burpee's Bush Lima, are the best sorts.

Qt. 1/2 Pk. Pk. Bu.
Henderson's Bush Lima
.s0.30 \$0.85 \$1.65 \$6.50
Burpee's Bush Lima
Dreer's Bush Lima.
New Wonder Bush Lima.
Fordhook Bush Lima (new)
Burpee's Improved Bush Lima (new)

## BUSH BEANS

## GREEN PODS

The most popular varities of Green Pod Bush Beans are the round podded sorts. A few of the best are as follows:

Improved Earliest Valentine. A very hardy early round pod variety. A bountiful yielder, and especially valuable where earliness is an i,nportant consideration.

Longfellow. A prolific grower, with straight, long, round pods. An excellent market sort.

Black Valentine. Hardy and prolific, having long, round pods.
Stringless Green Pod. A fine stringless variety; pods of good quality, and a splendid yielder.

Bountiful Stringless. Extra early. flat pods. A bountiful yielder; good market kind where flat pods are wanted. Long Yellow Six Weeks. Flat pods, prolific, and extra early


LONGFELLOW GREEN POD


STANDARD SORTS.


## BEANS Bush Wax Variety



## THE PRINCIPAL WAX VARIETIES

The principal wax varieties used by market gardeners are - Flat Pods: Davis Kidney Wax, having long straight pods, and white seeds, very prolific, does best on light soil; Wardwell's Kidncy Wax, early stringless, pods about $51 / 2$ inches long, very productive, best adapted to a heavy soil; Hodson, a late season, wonderfully prolific wax bean, pods very similar to Davis. Round Pods-Among he earlies: Round Pod Kidney Wax Strig Y eafies: Round Pod Kidney Wax, Stringless and Prolific Black Wax; for a main crop-Pencil Pod, Curries Rust Proof, Improved Golden Wax, Valentine Wax, a very early variety in the South; Horticultural Wax, early as Wardwell's, hardier, but not stringless.


## Pole Beans.

| GREEN POD-Burger's Stringless | . 30 |
| :---: | :---: |
| Dutch Case Knife | . 25 |
| Horticultural Cranberr | . 25 |
| Kentucky Wonder or Old Homestead. | . 25 |
| Lazy Wife. | . 30 |
| Scarlet Runner | . 35 |
| White Creaseback | . 30 |
| WAX POD-Early Golden Cluster Wax. Kentucky Wonder Wax | $\begin{aligned} & .35 \\ & .35 \end{aligned}$ |
| POLE LIMA-Carpinteria | . 40 |
| Dreer's Improved Lima. | . 25 |
| Extra Early Jersey Lima | . 25 |
| Early Leviathan Lima. | . 30 |
| Ford's Mammoth Lima | . 25 |
| Ideal Pole Lima....... | . 30 |
| King of the Garden Lima | . 25 |
| Large Lima, Selected Seed. | . 25 |
| Siebert's Early Lima... | . 25 |

BORECOLE or KALE-D warf Green Curled Tall Green Scotch




## BEETS



CROSBY'S EGYPTIAN, Vaughan's Selected Stock. Oz., 10c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c} ; \mathrm{lb} ., \$ 1.00 ; 5 \mathrm{lb} ., \$ 4.50$.
CROSBY'S EGYPTIAN, Regular Stock. Oz., 10c; 1/4 lb., 20c; lb., 65c; 5 lb., $\$ 3.00$.

## DETROIT DARK RED TURNIP.

A grand Beet for bunching for market; tops exceptionally small and upright; roots are perfect turnip shape with small tap roots. Color of skin dark red; flesh bright red; Quality is of the very best, tender and lasting. One of the best for the market gardener and the home garden.
VAUGHAN'S Selected Stock. Oz., 10c; $1 / 4 \mathrm{lb} ., 25 \mathrm{c} ; \mathrm{lb} ., 75 \mathrm{c}$; 5 lbs., \$3.50.

## CRIMSON GLOBE.

One of the most popular sorts with Market Gardeners for a main crop variety. The roots are medium size; almost globe shape and entirely free from rootlets, leaving the skin entirely smooth. The flesh, blood red, slightly zone, and of highest quality. Price, $1 / 4 \mathrm{lb}$., 25c; lb., 75c; 5 lbs., $\$ 3.50$.

## OTHER GOOD KINDS.

|  | 1/1h. | 1 b | 5 lbs . |
| :---: | :---: | :---: | :---: |
| Arling | \$0.20 | \$0.65 | \$3.00 |
| Improved Early Egyptian | . 20 | . 65 | 3.00 |
| Eclipse Extra Select Stock | . 25 | . 75 | 3.50 |
| Vaughan's Chicago Marke | . 30 | 1.00 | 4.75 |
| Dewing's Early Blood Turnip, Select | . 20 | . 65 | 3.00 |
| Half Long Blood Red, Very Deep Red | . 25 | . 75 | 3.50 |
| Long Smooth Dark Blood. | . 20 | . 65 | 3.00 |
| Edmund's Turnip, Select Stock. | . 20 | . 65 | 3.00 |
| Electric, true, early as Egyptian, round, rich red | . 25 | . 75 | 3.50 |
| Fireball . . . . . . . . . . . . . . . . . . . . . . . . . . . . . oz. oz. 10c | . 30 | 1.00 |  |
| MANGEL |  |  |  |
| Vaughan's Mammoth Long Red. | . 15 | . 40 | 1.75 |
| Champion Yellow Globe | . 15 | . 40 | 1.75 |
| Golden Tankard | . 15 | . 40 | 1.75 |
| Giant Yellow Intermediate | . 15 | . 40 | 1.75 |
| Giant Eckendorf. | . 15 | . 40 | 1.75 |
| SUGAR BEETS |  |  |  |
| Vilmorin's Imperial White | . 15 | . 40 | 1.75 |
| French Red Top. | . 10 | . 35 | 1.50 |
| Lane's Improved White | . 15 | . 40 | 1.75 |
| Klein Wanzleben (Best German) | . 10 | . 35 | 1.50 |
| BROCCOLI | Oz . | $1 / 4 \mathrm{lb}$. | 1 b . |
| Purple Cape | . 25 | . 65 | 2.50 |
| White Mammoth | . 20 | . 65 | 2.50 |
| BRUSSELS SPROUTS |  |  |  |
| Paris Market. | . 10 | . 35 | 1.25 |
| Improved Dwarf | . 10 | . 35 | 1.25 |
| Improved Danish | . 20 | . 60 |  |

## ONE OF OUR LEADING SPECIALTIES

## NOTE

We supply the most critical market gardeners in the United States, whose success depends upon buying the best, with our well known special stocks of Cabbage seed. No greater proof of quality, than increasing business with
experts.


## DUTCH WINTER OR HOLLANDER

## ALL HEAD OR FAULTLESS Early

This Cabbage leads in popularity, and it does so for the reason that it is a sure-to-head sort.
The heads are uniform in shape, large size and of remarkably good quality. Fine for Kraut.

It is a flat head cabbage, has few outer leaves, permitting closer planting to the acre than is possible with other varieties. It is early, so it combines the necessary features of a profit making sort. Everything considered it is the best one
variety cabbage. $\mathbf{O z} \mathbf{3 0 c}, \mathbf{2} \mathbf{~ o z s} \mathbf{5 5 c}$, $1 / \mathbf{1} \mathbf{1 b} \mathbf{7 5 c}, \mathbf{1} \mathbf{1 b} \$ 2.50$.

## DANISH BALL HEAD

Uur strain of this cabbage is grown for us in Denmark by the most reliable grower there. It is the best late cabbage, for late spring sale and for shipping. Has long stem, medium size head, extremely solid, long keeper. Oz 30c, 2 ozs $55 \mathrm{c}, 1 / 1 \mathrm{lb} 85 \mathrm{c}, 1 \mathrm{lb} \$ 3.00$.

## Early Oblong Varieties

Early Jersey Wakefield
Extra Early Express
Extra Early Etampes
Early Winnigstadt
Early York.

| Oz | $2-\mathrm{oz}$. | $1 / 4 \mathrm{lb}$. | Lb. |
| ---: | ---: | ---: | ---: |
| $\$ 025$ | $\$ 045$ | $\$ 0 \quad 70$ | $\$ 250$ |
| 15 | 25 | 50 | 200 |
| 15 | 25 | 50 | 160 |
| 20 | 30 | 50 | 175 |
| 15 | 25 | 40 | 160 |

## VAUGHAN'S SELECT EARLY JERSEY WAKEFIELD

This is the best early cabbage in cultivation. It forms fine solid heads of good size and pointed shape, not many outer leaves. Of the extra early conical shaped head varieties, this is the best in the United States.

We offer an extra fine strain of this seed, grown from selected hard heads.


## LARGE JERSEY OR CHARLESTON WAKEFIELD

This sort is larger heading, than the Early Jersey Wakefield. It matures a few days later, with larger heads; brings higher prices in the market.
It is popular with Southern planters. Re-selected seed. Oz 25c, 2 ozs 45c, $1 / 4 \mathrm{Ib} 70 \mathrm{c}, 1 \mathrm{lb}$ \$2.50.

## DUTCH WINTER OR HOLLANDER HOLLAND GROWN

This cabbage is most universally grown throughout the Wisconsin, Michigan, Illinois and Indiana Cabbage growing districts.
The heads are very solid, but not large, they are the right size and shape to meet the demands of the consuming public. Short stem.
Our strain of this cannot be surpassed; it has produced most successful results in every district. Oz 30c, 2 ozs 55c, $1 / 4 \mathrm{lb} 85 \mathrm{c}, 1 \mathrm{lb} \$ 3.00$.

## DUTCH WINTER OR HOLLANDER鹌

Vaughan's Private Stock Seed, a strain grown for us from selected seed heads, the best picked from the field. Grown in Denmark exclusively for Vaughan's Seed Store. Oz 40c, 2 Ozs 65c, 1/4 lb. \$1.15, 11b. \$4.00.

## DWARF AMAGER OR SHORT STEMMED <br> DANISH BALL HEAD

A variety very similar to the Dutch Winter or Hollander. We import the Seed direct from Amager Island, Denmark. Oz 30c, 2 ozs 55c, $1 / 41 \mathrm{lb} 85 \mathrm{c}, 1 \mathrm{lb}$ $\$ 3.00$.

## VAUGHAN'S BRIDGEPORT DRUMHEAD

The best large, fall shipping cabbage in existence. Our strain of this cabbage, of which we are the introducers, has been selected by us for twenty years, and the original type has not only been kept up but improved. A. field of them is more uniform than any other sort.
Fine for slicing. for Kraut: for general table use it is unsurpassed. Oz 20c, $2 \mathrm{ozs} 35 \mathrm{c}, 1 / 4 \mathrm{lb} 50 \mathrm{c}$, $1 \mathrm{lb} \$ 2.00$.
Glory of Enkhousen. (New) $A$ cabbage. We think this about the hardest heading, long keeping, early sort It might be called a late strain of Second Earlies. Live gardeners should
give it a trial. Oz 25c, 2 ozs 45 c , $1 / 4 \mathrm{lb} 70 \mathrm{c}, \mathbf{1} \mathbf{1 b} \$ 2.50$. give it a trial. Oz 25c, 2 ozs 45c, $1 / 4 \mathrm{lb} 70 \mathrm{c}, 1 \mathrm{lb} \$ 2.50$.
Danish Summer Ball Head. (New) This is the Danish
cabbages. It closely resembles the Winter Ball Head, except that it is smaller and may be brought in with the very early flat head sorts. There is a trace of curliness in its outer leaves and a delicate flavor that suggests Savoy blood. Our market gardeners who have tried this are very enthusiastic. $1 / 2 \mathrm{oz} \mathbf{1 5 c}$, oz $\mathbf{2 5 c}, 2$ ozs $45 \mathrm{c}, 1 / 4 \mathrm{lb} 70 \mathrm{c}, 1 \mathrm{lb} \$ 2.50$.


CARROTS
FOUR LBS. TO THE ACRE
For early bunching, gardeners will find Chantenay unsurpassed. For general crops, our Select Danvers; for feeding,

Our Carrot Seed is raised by the most careful and experienced growers, who know the importance of selection. The Early Scarlet Forcing is the earliest, followed by Early Short Scarlet, about three inches long; Oxheart, Nantcs, and Chantenay follow, these being from four to six inches. Sclect Danvers is a little longer, and Long Orange the longest of all.

There is an immense superioritv in our stocks over the cheaper California grown seed, and it will satisfy the most critical market gardener.


CAULIFLOWER. Dry Weather

CHANTENAY
The best for early bunching purposes.
Oz. $1 / 4 \mathrm{Lb}$ Lb. 5 Lbs. $\begin{array}{lllll} & \$ 0.10 & \$ 0.25 & \$ 0.75 & \$ 3.50\end{array}$

## VAUGHAN'S SELECT DANVERS.

Best strain of this sort. Uniform. Good color and a splendid yielder. .
.20. .35 1.25 v.ỗ
Ins. Long
2. Very Early Scarlet (French Horn)............. . . . 15
4. Early Short Stamp Rooted (Dutch Horn).
5. Guerande or Oxheart.
.15
6. Nantes Half Long Scarlet, stump rooted
8. Danver's Half Long, regular stock
14. Improved Long Orange
10. White Intermediate or Mastodon
16. Long White Belgian, green top
16. Long Orange Belgian.

| .30 | 1.00 | 4.75 |
| ---: | ---: | ---: |
| .30 | 1.00 | 4.75 |
| .25 | .75 | 3.50 |
| .25 | .75 | 3.50 |
| .20 | .65 | 3.00 |
| .20 | .65 | 3.00 |
| .20 | .65 | 2.75 |
| .20 | .60 | 2.75 |
| .20 | .60 | 2.75 |

## CAULIFLOWER

No seed is more important than this. It is one of the seeds in buying, in which price should never be questioned.

Vaughan's Earliest Dwarf Erfurt. Combines all pedigree pointsdwarf habit and fine grain. A profitable market garden surt. Pkt., 25c. $1 / 4 \mathrm{oz} ., 50 \mathrm{c} ; \mathrm{oz} ., \$ 1.75 ; 1 / 4 \mathrm{lb} ., \$ 7.00 ; \mathbf{l b} ., \$ 26.00$.
Dry Weather. For dry climates and dry seasons. Very sure heading and Pkt., 20c; 1/4 oz., 60c; oz., $\$ 2.00$. Heads larger than swowball and snow white. Danish Snowball. This is a grand second early. It is the result of long, lar heads. Through many seasons it has proven itself reliable. Pkt.s $\mathbf{1 0 c}$. 1/4 oz., 60c; oz., $\$ 1.50$; 2 oz., $\$ 2.75 ; 1 / 4 \mathrm{lb} ., \$ 5.00 ; \mathrm{lb} ., \$ 20.00$;

Oz . $1 / 4 \mathrm{Lb}$. Lb.
Extra Early Paris.
\$0.40 \$1.50
Half Early Paris, a síandard sort.
Algiers, large late.
Lenormand's Short Stem Mammoth
Autumn Giant; very large and productive
Extra Early or Second Erfurt, Pkt., 10c; $1 / 4$ oz., 35c
Large Early Erfurt, $1 / 4$ oz., 30c.
$40 \quad 1.50$
$.45 \quad 1.75$
$.50 \quad 2.00$
$.30 \quad 1.00$
$1.25 \quad 4.50 \$ 16.00$
.752 .50


## Vaughan's

New Snowball

The best general purpose variety either for Spring or Fall planting.

## Cauliflower.

Vaughan's New Snemball Cauliflower is a specialty of our house. It is on such particular seed as Cauliflower, in which the least variance from the true strain results in great injury to the grower, that a seed house builds un its reputation. We know our Cauliflower is the equal of anything that can be produced. In our trial ground tests we have tried nearly every strain of cauliflower offered on the market and, while we have found a few eouais, we have never found a superior to Vaughan's Snowball. We pay more for our seed than probably does any large seed house in the United States just so that we can have it as near perfection as it is possible for man to grow it. High bred Cabbage and Caulifower does not germinate as well as less carefully bred strains. Nevertheless we have taken such pains to reclean and re-sift our seeds after receiving them from the grower that our seed is always up to standard of growth. Head usually 9 to 10 inches across, perfectly white and very solid, deep and compact.
Vaughan's New Snowball Cauliflower is put up in pactiages as follows: Pkts., $1 / 4 \mathrm{oz}$, , $1 / 2$ oz. 1 oz . and $1 / 4 \mathrm{lb}$., sealed with our trade mark and with distinctive paper and printing.
$\qquad$ Pkt., 25 c ; $1 / 4 \mathrm{oz} ., 65 \mathrm{c}$; $1 / 2 \mathrm{oz} ., \$ 1.25$; oz., $\$ 2.00$; $1 / 4 \mathrm{lb} ., \$ 8.00$; lb., $\$ 32.00$.

THE seed of this strain was saved with the greatest care only from perfectly developed heads, which yield but little seed. Grood Cauliflower seed is always high in price; cheap Cauliflower is a poor investment, because it cannot be good.

The best seed of this type of Cauliflower comes from Amager Island, near Copenhagen, Denmark. There the winters are mild, causing little loss from rot in the seed heads, and the cool, moist summers give ideal growing conditions for this vegetable.

Available ground is scarce and value high, so intensive culture is necessary

Vaughan's Snowball is the result of years of careful selection by an experienced and most painstaking gardener, under these conditions.


WHITE PLUME, Vaughan's Selected Stock.

[^2]White Plume, Self=Blanching-Vaughan's Selected Stock We have not Celery that is as early and of as good a flavor, as crisp and tender, as our selection of this sort. We sell large quantities of this seed to market gardeners, who find it uniformly white and free from green or hollow stalks. It is not a good keeper. but it is excellent for Fall and early Winter use. $1 / 2$ oz., 12c; oz., $20 \mathrm{c} ; 2$ oz., $30 \mathrm{c}: 1 / 4 \mathrm{lb} ., 50 \mathrm{c} ; 1 \mathrm{lb} ., \$ 2.00$.

Golden Self-Blanching-Vaughan's Selected Stock This is the best Celery talks stalks are much broader and heavier than those of the White Plume, and greatly superior in quality. It is ready for use nearly as early, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color crispness, tenderness, freedom from stringiness and nutty flavor of this variety make it sort. $1 / 2 \mathrm{oz}$., 65 c ; oz., $\$ 1.25 ; 2 \mathrm{oz}$., $\$ 2.25$; $\mathrm{I} / 4 \mathrm{lb}$., $\$ 4.00$.
GOLDEN SELF=BLANCHING-Regular Stock. $1 / 2 \mathrm{oz} ., 25 \mathrm{c}$; oz., 45c; $2 \mathrm{oz} ., 80 \mathrm{c}$ : $1 / 4 \mathrm{lb} . ; \$ 1.50$ lb., \$6.00.
"Winter Queen" This is without doubt the most valuable variety of Celery for Fin with doable the amount of and Spring use. It is also much stouter, thicker and heavier解 blanches to a beautiful cream white. Ribs perfectly solid, crisp and of a delicious nutty flavor Grow Winter Qucen once and you will always grow it. $1 / 2$ oz., 12 c ; oz., $20 \mathrm{c} ; 1 / 4 \mathrm{lb}$., $50 \mathrm{c} ; \mathrm{lb} ., \$ 2.00$.
Vaughan's Giant Golden Heart The best Celery for Winter storage. Ever in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as in public favor and rightly so, for it is not only the best keeper, but it is large, solid, as Golden Heart; grows much larger than its parent. $1 / 2 \mathrm{oz} ., 12 \mathrm{c}$; oz., $20 \mathrm{c} ; \mathbf{2} \mathbf{~ o z} ., 30 \mathrm{c}$; $1 / 4 \mathrm{lb}$., Golden Heart;
$50 \mathrm{c} ; \mathbf{l b} ., \$ 2.00$.

Giant Pascal. Self-blanching and a fine keeper. One of the best $\mathrm{Oz} .2 \mathrm{oz} \quad 1 / 4 \mathrm{lb}$. Lb .

Snor Whiter Self-blanching, very white and solid..
Chicago Giant Self-Blanching. Largest early white...........
Dwarf Golden Heart. An old favorite; large and solid
Pink Plnme. Similar to White Plume, except color......
Evans' Triumph. A large, solid Winter sort.
Evans' Triumph. A large, solid Winter sort................
Perfection Heartwell. Very large and solid; an excellent variet
Solid Ivory or Kalamazoo. Half dwarf, white, late and solid.
Crawford's Half Dwarf. Solid yellowish-white, fine flavor.
Boston Market. Very dwarf and white.
Perle Le Grand. A fine large, Winter, golden-hearted sort
Far Superior Many Heart. Late, popular around Philadelphia..
Schumacher Firm, golden-yellow heart, immense size, good
keeper ………….................................................... 15 Old Seed, for flavoring
Old seed, for flavoring ......
Smallage,
Green, for soups.
$\$ 0.15$
.20
.25
.12
.3
.1
.1
.1
.1
.1
.15
.15
.15
.1

## CELERIAC, OR TURNIP ROOTED CELERY.

Delicatess. Produces perfectly smooth, oval roots with very few side roots A de, $\$ 1.00$; $1 b$, 1 icious flavor, much superior to other sorts. Pkt., 10c; 2 for 15 c ; oz., 35 c Giant Prague (Prager Reisen Sellerie.) The largest of all Celeriacs. Flavor excel lant Prague lent. Oz., $20 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 60 \mathrm{c}: 1 \mathrm{lb} . . \$ 2.00$.
Large Erfurt. A standard large growing variety. Oz., 20c; 1/4 lb., 65c; 1b., \$2.50,
Earliest of All. Very early, ready in June. Pkt. 10c, 2 for $15 c ;$ oz., 35c.

## SWEET CORN

Vaughan's Extra Selected

## THE FOUR BEST GARDEN VARIETIES

Mammoth White Cory. One of the largest and best cxtra early large fine shaped cars ready days before other large sorts. The ears are 12解 the base. The grain is large, broad, very white and of remarkably good quality or such an early sort. The size and beauty of this variety gives it ready sale ven when the market is over stocked. Vaughan's Special strain is early and large. $1 / 2$ Pk $55 \mathrm{c}, \mathrm{pk} \$ 1.00$, bu $\$ 4.00$.
Improved Early Champion. The Earliest Large Sweet Corn days. The new variety is without question the ntroduced, being only a few days later than the first early small sorts. Ears narly as large as the Mammoth; 12 rowed; pure white kernels, with medium size white cob; very sweet, tender and full of milk; yielding two and three ears to the stalk. The best kind for early and late planting. $1 / 2 \mathrm{Pk} 55 \mathrm{c}, \mathrm{pk}$ $\$ 1.00$, bu $\$ 4.00$.

Stowell's Evergreen. The most popular main crop Sweet Corn fine flavor. A late sort. To supply thumerous, kernels large, deep white and ur effort for many years. Seed grown ncar the Eastern Atlantic Coast has ways shown by its flavor and shriveled, ripened kernels the highest percentage We offer both selceted seed from Eastern grown stock and Western krown seed from original Eastern stock Eastern grown 1 pk 55 pk $\$ 1.00$, bu $\$ 4.00$. Western grown, $1 / 2$ pk 50 c , pk $95 \mathrm{c}, \mathrm{bu} \$ 3.75$.

Country Gentleman.
One of the sweetest of all Sweet Corn, and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white, cob small, kernels deep, ears average nine inches in length. Qt 25 c $1 / 2$ pk 60c, pk $\$ 1.15$, bu $\$ 4.50$.

## EXTRA EARLY VARIETIES



## CUCUMBERS

Improved Long Green. Selection from Long Green. Vines vigorous and productive, nearly as large as the Shorter Sort; fruit about 12 inches long, firm and crisp. Young fruits make excellent pickles, and when ripe the best sweet pickles. Oz $10 \mathrm{c}, 1 / 4 \mathrm{lb} 25 \mathrm{c}$, Ib 80 c .
Cool and Crisp. Skin dark green, almost black, covered with knobs, on which the spines set, giving the pickles alvery attractive appearance. Very early and orolific, as a cucumber it is splendid. $\mathbf{O z} 10 c, 1 / 4 \mathrm{Ib} 25 \mathrm{c}, \mathbf{1 b} 80 \mathrm{c}$.

## PICKLING VARIETIES

Westerfield Chicago Pickle. One of our specialties, Leading pickling concerns in the country buy our selected seed, it is the best. Oz 10c, $1 / 41 b 20 c, 1 b 75 c$. Snow Fancy Pickling. Our selected strain of the Chicago pickle-true stock $\mathrm{Oz} 10 \mathrm{c}, 1 / 4 \mathrm{Ib} 30 \mathrm{c}, \mathrm{Ib} 90 \mathrm{c}$

Vaughan's XXX Pickling. A fine pickle sort, easy to pick, the fruits protruding from beneath the foliage. $\mathrm{Oz} 10 \mathrm{c}, 1 / 4 \mathrm{lb} 25 \mathrm{c}$, 1 lb 80 c .

Jersey Pickling. A popular pickle. Oz $10 \mathrm{c}, 1 / 4 \mathrm{Ib} 25 \mathrm{c}, \mathrm{Ib} 75 \mathrm{c}$.
Cumberland Pickle. A white spine. Oz $10 \mathrm{c}, 1 / 4 \mathrm{Ib} 25 \mathrm{c}$, Ib 75 c .
Extra Early Green Prolific. Dark green. Oz $10 \mathrm{c}, 1 / 4 \mathrm{Ib} 25 \mathrm{c}$, lb 75 c .
Fordhook Pickle. Medium size, very prolific. Oz $10 \mathrm{c}, 1 / 4 \mathrm{lb} 25 \mathrm{c}, \mathbf{I b} \mathbf{7 5 c}$
Green Prolific or\|Bos-
 ton Pickling. Oz 10 c $1 / 41 b 25 c, 1 b 75 c$.
West India Gherkin. Very'small with many spines. Oz 10c, $1 / 4 \mathrm{lb} 40 \mathrm{c}$, lb $\$ 1.35$.
Early Frame. Short green sort. $\mathrm{Oz} 10 \mathrm{c}, 1 / 4$ $1 b 25 \mathrm{c}, 1 \mathrm{~b} 75 \mathrm{c}$

## OTHER SORTS

Emerald. Smooth dar green. Oz $10 \mathrm{c}, 1 / 4 \mathrm{lb} 25 \mathrm{c}$ b 80 c .

Early Cluster. Small fruit, borne in clusters $\mathrm{Oz} 10 \mathrm{c}, 1 / 4$ Ib 25c, Ib 75 c Japanese Climbing Small fruits, very pro lific. $\mathrm{Oz} 10 \mathrm{c}, 1 / 4 \mathrm{lb} 30 \mathrm{c}$
$\mathrm{lb} \$ 1.00$.


## WHITE SPINE STRAINS

Evergreen, or Extra Long White Spine. One of the best table sorts, splendid for forcing under glass. A strain producing fruits frequently 12 in . long, smooth, round, handsomely colored, very regular in size and form, excellent quality. Oz 10c, $1 / 41 \mathrm{lb} 25 \mathrm{c}$, lb 80 c .
Davis Perfect. The finest type of extra long white spine. Our seed is ra sed under our dircet supervision. Oz 10c, $1 / 4 \mathrm{lb} 25 \mathrm{c}, \mathrm{lb} 80 \mathrm{c}$.
Vaughan's Famous Arlington. The best of all medium length White Spine Cucumbers. Oz $15 \mathrm{c}, 1 / 4 \mathrm{lb} 30 \mathrm{c}, \mathrm{lb} \$ 1.00$.
1mproved White Spine. Medium length, vines vigorous, very productive, even shaped fruits, light green. Oz 10c, $1 / 4 \mathrm{lb} 25 \mathrm{c}$, lb 75 c .
Early Cyclone. Early, short, of dark green color which it holds well. The earliest of all Cucumbers. Oz 10c, $1 / 4 \mathrm{lb} 25 \mathrm{c}, \mathbf{l b} 80 \mathrm{c}$.
Boston Forcing White Spine (Vaughan's). Darker than Arlington. More slender and smooth; very fine and regular in form. Length 10 to $11 \mathrm{in} .\mathrm{Oz} \mathbf{1 5 c}$, lb 30c, lb $\$ 1.00$.
Fordhook Famous. Extra long, good dark green color. One of the best for market gardeners. Oz $15 \mathrm{c}, 1 / 4 \mathrm{lb} 30 \mathrm{c}$, lb 90c.
Rockyford. Selection of Extra Long White Spine. Very prolific. Retains color well; a shy seeder. Oz 10 c, $1 / 4 \mathrm{lb} 25 \mathrm{c}, \mathrm{lb} 80 \mathrm{c}$.

## ENGLISH FRAME CUCUMBERS

Rollison's Telegraph. Pkt 50c, $1 / 8$ oz $\$ 150,1 / 4 \mathrm{Oz} \$ 1.75$.
Noah's Forcing. Very prolific. $1 / 1 /$ oz 75 c .
Carter's Model. The best of all English sorts. Pkt ( 25 seeds) for 25c, 3 for $65 \mathrm{c}, 1 / 4 \mathrm{oz} \$ 1.00$.
Grand Rapids Forcing. A very long American sort. Pkt (65 seeds) 50c net.

Dandelion. Thick Leaved or Cabbaging. Oz., 85c; GARLIC. Selected Bavarian. Originally came from old German Wettlement of Illinois for a number of yearis. It is larger and more even than ordinary garlic, keeps much longer without shriveling, and is of snow whiteness. Lb .25 c ; 3 lbs., 65 c ; 5 lbs., $\$ 1.00$; $10 \mathrm{lbs} ., \$ 1.75 ; 100 \mathrm{lbs} .$, $\$ 1$ E.00.
brdinary Garlic. Write for prices.



## LETTUCE

## LEAF VARIETIES

## GRAND RAPIDS FORCING.

The best forcing Lettuce for Western Markets. Very hardy, grows large, and its handsome appearance gives it a ready sale. Keeps from wilting longer than other sorts.

Vaughan's Extra Selected Stock. Oz., 10c; 1/4 lb., 30c; lb., \$1.00; 5 Ibs., \$1.25.

Ordinary Stock. Oz., 10c; $1 / 4 \mathrm{lb} ., 25 \mathrm{c} ; 1 \mathrm{lb} ., 85 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 3.25$.

## BLACK SEEDED SIMPSON.

## Vaughan's Selected Stock.

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. As this kind varies when growing we have our stock seed all hand picked. Lb.,
$\$ 1.00 ; 1 / 4 \mathrm{lb}$. 30c; oz., 10c.

Black Seeded Simpson. Regular Stock. Oz., 10c; 1/4 lb., 25c; lb., 80c.

## OTHER LEAF SORTS.

| OTHER LEAF SORTS. |  |
| :---: | :---: |
| Prizehead-Center portions of crinkled leaves brown.\$0.10 |  |
| Early Curled Silesia-Dwarf crisp golden leaves. | . 10 |
| Early Curled Simpson-White seeded. A fine sort... | . 10 |
| Tilton's White Star-Black Seeded Simpson type. Used for forcing. | . 10 |
| Denver Market Forcing-A loose heading sort | . 10 |
| The Morse-A forcing selection of Black Seeded | 10 |


| $1 / 4 \mathrm{Lb}$. | Lb. |
| ---: | ---: |
| $\$ 0.25$ | $\$ 0.80$ |
| .25 | .80 |
| .25 | .80 |
| .25 | .80 |
| .25 | .80 |
|  | .25 |

Vaughan's All Seasons Lettuce.

## VAUGHAN'S ALL SEASONS LETTUCE.

## Re-selected Stock



BIG BOSTON_-Vaughan's Selected Stock.
The best large heading, early variety. The most popular variety for the Southern gardener who ships North. Also very valuable as a first early in the North. green, very tender. Our strain is unsurpassed. Many gardeners in the South will plant only Vaughan's Bis Boston. Oz., 10c; 2 oz., 15c; $1 / 4 \mathrm{lb} .,{ }^{2} 2 \mathrm{c}$; lb., $\$ 1.00$.
May King. The best extra early head Lettuce. Small, May King. $10 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb.} \$$,1.00 .

## MUSK MELON

Netted Gem-Rocky Ford.-Selected Stock. This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most carcful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from sursibility of the seed business. Careful planters should avoid sibility of the seed business. Careful planters should avoid
this kind of stock. field. Oz.; $15 \mathrm{c} ; 1 / 41 \mathrm{~b} .40 \mathrm{c} ; 1 \mathrm{~b} ., \$ 1.50$.
ORDNAARY from entire field planted only ., 60c.
Oval Gem. Our regular stock of this at the following such as no gardener need hesitate to plant. Oz., 10c; $1 / 4 \mathbf{l b}$., $20 \mathrm{c} ; 1 \mathrm{~b} ., 60 \mathrm{c}$.
Round Gem. This is the true original type of Netted grower has improved it. by weeding out so far as possible the oval type. Oz., 10c; $1 / 4$ lb., 20c; lb., 60c.
The Osage Cem. Early as Netted Gem; same size and best tiavor. $\mathrm{Oz}, 10 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 30 \mathrm{c}$; lib., $\$ 1.00$.


## VAUGHAN'S PAUL ROSE or PETOSKEY.

The best and most uniformly high quality table Melon introduced In ten years. "This is a cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has also the firmness of meat, salmon color, and cheesy structure peculiar to the Osage. In this respect it is superior to any Melon in existence, because of this thick, solid flesh, free from stringiness, which does not become watery or 'break down' in keeping, retaining its form twice as long as any other shipping Melon. PRICE: Vaughan's Selected Seed, oz., 20c; 2 oz., 40c; $1 / 4 \mathrm{lb} .$, $60 \mathrm{c} ; 1 \mathrm{lb} ., \mathrm{\$} .00$.

Vaughan's Regular Stock, oz., 15c; $1 / 1$ lb., 25c; lb., 80c.

St. Louis Butterhead. The head is as a cabbage with beautiful crumpled, yellow inside leaves of the finest quality. Our seed is grown from stock seed especially selected by the famous St. Louis grower of this
variety. $0 z ., 10 c ; 1 / 41 b ., 20 c ; 1 b ., 80 c$. Improved Hanson. The most planted of A good heat resister which forms large, firm heads with broad leaves, crumpled and exceedingly tender and crisp. In the central corn growing sections the best general purpose variety. Oz., 10c; $1 / 4 \mathrm{lb.}, \mathrm{20c;} \mathrm{1b.,80c}$.
The Deacon. A very sure heading, butblanches to a beautiful golden yellow and is of fine flavor. Oz., 10c; $1 / 4 \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb},. 80 \mathrm{c}$. Maximum or Immensity. A popular pecially in the East. Very large, solid heads and a good heat resister. Oz., 10c; $1 / 11 \mathrm{lb} ., 25 \mathrm{c}$; 1b., $\$ 1.00$.

## CABBAGE OR HEADING VARIETIES.

## STANDARD KINDS.

Prices on any of the tollowing sorts, except where noted: Oz., 10c; $2 \mathrm{oz} ., 15 \mathrm{c}$; $1 / 41 \mathrm{bu}, 20 \mathrm{c} ; 1 \mathrm{~b} ., 80 \mathrm{c}$. Blonde Beauty, Brown Dutch,

Iceberg.
Buttercup
California Cream Butter.
Salamander.
Golden Queen.
Perpignan or Summer Defiance.
Tennis Ball, White Seeded or Boston Market Tennis Ball, Black Seeded.
White Cabbage.
Unrivalled, $1 / 4$ Ib., 25c; 1b., \$1.00.
New York or Wonderful, $1 / 4 \mathrm{Ib} ., 25 \mathrm{c}$; Ib., \$1.00.

## COS LETTUCE.

Upright Habit. The highest quality of all PARIS WHITE COS. Oz. . 10c; $1 / 41 \mathrm{lb}$. , 25e: lb., $\$ 1.00$
TREANON COS. Oz., 10c; $/$ /4 lb., 25c; lb., $\$ 1.00$. EXPIRESS COS. Earliest. Oz., 10c; \% oz., 15c; $1 / 4 \mathrm{lb} ., 25 \mathrm{c}$; $1 \mathrm{~b} ., \$ 1.00$.


## Rocky Ford Musk Melon.

## VAUGHAN'S ORIGINAL OSAGE.

This famous Melon is our own introduction, and we take special pride in maintaining the quality and superiority of our stock. We pay many times the prices given ordinary seed growers to get our seed raised in the best locality left in the field after marketing is over can be bought cheaply, but is high at any price. However, seed taken from early choice market melons must bring a high price, though really a hundred times cheaper than the other. on the Chicago Market. Our strain is dark skinned, but moderately netted.
Vaughan's Selected Stock-Oz., 20c; 2 oz., 35 c ; $1 / 4 \mathrm{lb} ., 65 \mathrm{c} ; \mathrm{lb} ., \$ 2.25$.
Ordinary Seed-Entire field grown for seed, but seed not chosen from special melons. Oz., 15c; $1 / 4 \mathrm{lb} ., 35 \mathrm{c} ; 1 \mathrm{lb} ., \$ 1.10 ; 10 \mathrm{lbs}_{\mathrm{o}}, \$ 10.00$.

Tip ToD Selected Stock. A large size melon of excellent quality, salmon flesh, moderate netting and evenly ribbed.
Extra Early Hackensack. An early selection of Hackensack. Melons large, weigh 4 to 10 lbs . Well netted, green flesh. Hackensack. A popular, large, well netted, green fleshed

Emerald Gem. Dark green, early melon. Delicate salmon flesh. Not good for shipping. Of high table quality..................... Mifwaukee Market. For local market use. nothing better. Salmon flesh, good size. Is not a good shipper................... Vaughan's Chicago Market. A large, early nutmeg. Green flesh, very juicy and sweet
Extra Eariy Nutmeg. Small and early
Early Citron. Landreth's Early Flat, fair quality
Champion Market. A very large, nett
Jennie Lind. Improved. A flattened. good shipping variety
Montreal Market. The largest of Nutmegs
Hoodoo. The best all purpose cantaloupe
Hoodoo. The best all purpose cantaloupe.
Banana. Cucumber shape, late.
Banana. Cucumber shape, late.
Mango Melon. or Vegetable Pe
Mango Melon, or Vegetable Peach. . For pickles and preserves. Forcing Melons. Emerald Gem Forcing, A1 Superb, Best of All, Blenheim Oran 25 Diamond Jubiles. Emerald Gem Forcing, A1 Super, Best of All, Blenheim Orange.


Raised From Vaughan's Special English Spawn.

## FRENCH MUSHROOM SPAWN.

French Spawn is planted for the growing of button mushrooms. Ours is the very best to be had, being sown from selected mushrooms. if by mail, $\$ 1.20$. The same loose, per Price, per box, 3 sc ; if by mail, $\$ 1.20$. The same loose, per $\mathrm{lb} ., 3 \mathrm{j} \mathrm{c}$; if by mail, 45 c ; $10 \mathrm{lbs} ., \$ 3.20$.

The essentials in Mushroom growing are: an even temperature, $55^{\circ}$ to $60^{\circ}$, maintained day and night; well prepared beds with 'good manure; a moist atmosphere, where the air is dry beds lose their moisture quickly and must be watered. Water applied directly to a Mushroom bed always injures the crop.
. MUSHROOMS

The last few years have shown a large increase in the amount of Mushrooms grown and still the prices are not only maintained, but increased. Vaughan's seed Store has been most successful in supplying with satisfaction toth the Imported English Spawn (Vaughan's Special and Pure Culture Spawn to market growers. We make at least five importations yearly, so as to always have a fresh supply.
English Mushroom Spawn. Our Spawn is the largest and most successful maker of Spawn in the the largest and most successful maker of Spawn in the has kept up on all the new methods of manufacture. Our Spawn is made by the famous tissue method from selected specimens. It has been found that English Spawn, as a rule, does not bear so quickly as the American pure culture, but it, however, lasts much longer in bearing.
English Mushroom Spawn. (VAUGHAN'S Price, per brick, 25 c ; 5 lbs., $\$ 1.00$, postpaid. E By express or freight, per brick, $15 \mathrm{c} ; 2$ for 25c; 8 bricks, $\$ 1.00 ; 25$ lbs., $\$ \mathbf{2} .00 ; 100 \mathrm{lbs}$., $\$ 6.50$; if shipped from New York, $\$ 6.00$. Special prices on $1 / 2$ ton lots and upward.

## MUSHROOM CULTURE.

## How to prepare the beds

 and raise Mushrooms, Robin son, best English book, cloth bound, $50 \mathrm{c} .$, postpaid.MUSHROOMS.
By W. Falconer. The best American book on this subpect. Postpaid, $\$ 1.00$.

## MUSHROOMS.

How to Grow. By Fraser, 12 pages, published by Vaughan's Seed Store. Price, 10c. or FREE with every order for Spawn amounting to one dollar or over, if requested with order.

Pure Culture "Garden City" Spawn. The best Sparn for beginners. The Spawn making. This Spawn is made from tissue cultures from select specimens produced by Spore (seed) culture. The bricks are inoculated with tiny threads from a young specimen iruit, so that the special sorts or strains are produced, true to type. By this selection of varieties the inferior yielding kinds are avoided. We carry the Cream Brown or Bohemia variety, which has proven the best yielder. We can, however, supply the Pure White, Brown, Alaska or Columbia pure culture Spawn. Irice, Direct Bricks, inoculated from laboratory cultures, 1 hrick, $40 \mathrm{c} ; 5$ bricks, $\$ 1 . \%$, postpaid; by express, 10 bricks, $\$ 2.00 ; 25$ bricks, $\$ 4.25$; 100 bricks, $\$ 15.00$.
STANDARD BRICKS. Inoculated from direct bricks, per brick, 35c; 5 bricks, $\$ 1.40$, postpaid; by express, 10 bricks, $\$ 1.85$; 25 bricks, $\$ 3.75$; 100 bricks. $\$ 12.00$.

## WATER MELON

In watermelons for market there has hoen a considerahle change in varieties the past few seasons due to the introduction of the Alahama Sweet and Tom Watson, good shipping varieties of the long type melon, a type long associated with high quality but heretofore too poor shippers. Growers who intend to ship carloads away to market should he careful to find out what their receiving market demands.
Kleckley's Sweet. The quality melon for home and local market. Withtexture, firm with no stringiness, and sweetness, in which respect it has no equal of all melons on the market today. In shape it is ohlong. of good size. skin dark green. flesh hright scarlet, ripening close to the skin, The large heart does not crack open when ripe. Its one fault is that the shell is thin-will not ship without hreaking. Oz., 10c; $1 / 4 \mathrm{Ib} ., 20 \mathrm{c} ; 1 \mathrm{lb} . .65 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 3.00$.
Alabama Sweets. A popular, rather new long ohlong melon with hard green, size large and excellent quality. Especially popular in Texas district green, size large and excellent quality. Especially popular in Texas districts.
Select stock. $0 \mathrm{Oz}, 8 \mathrm{c} ; \mathrm{I}_{4} \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{~b} ., 60 \mathrm{c}$.
Tom Watson. (New. See Novelty page 4.) The most pnpnlar market it has displaced nearly all the old standard kinds in the large watermelon producing sections. Oz., 10 c ; $1 / 4 \mathrm{lb} ., 25 \mathrm{c}$; $1 \mathrm{~b} ., 80 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 3.65$.
Vaughan's Black Diamond. Its prominent points of merit are its Melons weighing 75 to 90 pounds are frequent. It is the most prolific Water Melon. Its color is a rich, dark green, almost hlack. Oz., $7 \mathrm{c} ; 1,1 \mathrm{lb}$., $\mathbf{1 5 c} \mathbf{1 b} \mathbf{1 b}, 50 \mathrm{c}$; $5 \mathrm{lbs} ., \$ 2.25$.
Sweetheart. A standard shipping melon of the round type. Vine vigorous mottled light and dark green. Oz., 5 c; $; 1 / 4 \mathrm{Ib} ., 15 \mathrm{c} ; \mathrm{lb} ., 40 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 1.85$.
Improved Kolb's Gem. The hest known shipping melon of the old type. Oz., 5c: ${ }^{1 / 4} \mathrm{lb} ., 15 \mathrm{c} ; \mathrm{lb} ., 40 \mathrm{c} ; 5$ lbs., $\$ 1.85 ; 10 \mathrm{lbs} ., \$ 3.25$. blotch on huttom.
Triumph. One of the largest and handsomest of the large round shipping Winter Water Melon (Novelty). A small round light colored can he kept until Christmas. Pkt.,10c; oz.,15c; $2 \mathrm{oz} ., \mathbf{2 5 c}$; $1 / 4 \mathrm{lb} ., 40 \mathrm{c} ; 1 \mathrm{lb} ., \$ 1.25$.
New Chilian. Nearly round melon, ours is the early strain. A very fine arket, $O z, 10$ fled

7 c the ounce on any of the following:
Citron, red seeded, $1 / 4 \mathrm{lb} .20 \mathrm{c}, \mathrm{lb} .60 \mathrm{c}$. Rattlesnake, $1 \frac{1}{4} \mathrm{lb} .15 \mathrm{c}, \mathrm{lb} .40 \mathrm{c}$. Colorado Citron, $1 / 2 \mathrm{lb} .20 \mathrm{c}, \mathrm{lb} .60 \mathrm{c}$. Gray Monarch, $1 / 4 \mathrm{lb}, 15 \mathrm{c}, \mathrm{lb} .40 \mathrm{c}$. Cuban Queen, 1 Dark 1 cing, $1 / 4 \mathrm{lb}, 15 \mathrm{c}, \mathrm{lb} .40 \mathrm{c}$. Dixie, ${ }^{1}{ }_{4} \mathrm{lb} .15 \mathrm{c} .1 \mathrm{~b} .40 \mathrm{c}$.
Duke Jones, $1 / 4 \mathrm{lb} .15 \mathrm{c}, \mathrm{lb} .40 \mathrm{c}$. Florida Favorite, $\mathrm{I} / \mathrm{lb} .15 \mathrm{c}, \mathrm{lb} .50 \mathrm{c}$. Early Fordhook, $1_{4} \mathrm{lb} .20 \mathrm{c} . \mathrm{lb} .60 \mathrm{c}$.

Ice Cream, $1, \frac{1 b}{} 15 \mathrm{c}, \mathrm{Ib} .50 \mathrm{c}$. Jones' Jumbo, $1_{4}$ lb. $15 \mathrm{c}, 1 \mathrm{lb} .40 \mathrm{c}$. Peerless, $1 / 4 \mathrm{lb} .15 \mathrm{c}, \mathrm{lb} .50 \mathrm{c}$. Phinney's Improved, $1 / 4 \mathrm{Ib}, 15 \mathrm{c}, \mathrm{Ib} .40 \mathrm{c}$. Mountain Sweet, $1 / 4 \mathrm{lb} .15 \mathrm{c}, \mathrm{lb} .50 \mathrm{c}$. Mclver's Sugar, $1 / 4 \mathrm{lb} .20 \mathrm{c}, 1 \mathrm{~b} .60 \mathrm{c}$.


## COLE'S EARLY.

This is the Best Early Water Melon for the home market today. For sweetness and delicate texture of flesh it has no equal. The rind is thin hut hrittle, and therefore not suitahle for shipping; for the home market we know of none hetter. Extreme earliness is its great merit. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs,, $\$ 2.65$.

## MARTYNIA FOR PICKLES.

The young and tender seed pods make a very fancy pickle. Oz., $15 \mathrm{c} ;{ }^{1} 4 \mathrm{Ib} ., 40 \mathrm{c}$; lb., \$1.50.

## MUSTARD.



## VAUGHAN'S PEDIGREE ONION SEED

Vaughan's strains of Globe Onions have no superior. Our Eastern seed is grown in the large growing districts, seed bulbs are sorted from hundreds of bushels (an impossibility with small growers) color and shape are ideal when planted and placed far apart, the unavoidable mixtures in close western plantings are eliminated. The greater cost to produce seedsin this manner than those under other conditionsis justified; it is worth many times such cost to the market planter


Southport Red Globe. Has a beautiful dark red skin; the onions ing them first scllers and excellent are large size, very solid and frm, making them first scliers and excellent keepers.

Yield- 800 to 1,000 bushels per acre is not uncommon with our seed. It is grown under our supervision by a specially equipped expert in this line.
Eastern grown, $\mathbf{O z} 20 \mathrm{c}$, $1 / 4 \mathrm{lb} 50 \mathrm{c}, \mathrm{lb} \$ 1.60,5 \mathrm{lbs} \$ 7.75,10 \mathrm{lbs} \$ 15.00$
Western grown, Oz 15c, $14 / 4 \mathrm{lb} 40 \mathrm{c}, \mathrm{lb} \$ 1.50,5 \mathrm{lbs} \$ 7.25,10 \mathrm{lbs} \$ 14.00$. Ohio Yellow Globe. (See illustration) Best of all yellow onions. Danvers. Earlier, smallcr necked, Entirely distinct from old type Yellow Globe Danvers. Earlier, smallcr necked, perfect globe shape, uniform as to size and
color and a greater cropper. Vaughan's color and a greater cropper. Vaughan's Special Ohio grown Seed of this type is an extra fine selection of this most excellent sort, for color, shape and yield.
Seed growers regard it the superfine strain of yellow Onion Seed, Eastenn erown, Seed growers regard it the superfine strain of yellow Onion Seed, Eastenn grown, $\mathrm{Oz}_{2} 2 \mathrm{c}, 1 / \mathrm{lb} 50 \mathrm{cc}, 1 \mathrm{lb} \$ 1.60,51 \mathrm{lbs} \$ 7.75,10 \mathrm{lbs} \$ 15.00$. Western g own, Oz $15 \mathrm{c}, 1 / 4 \mathrm{lb} 40 \mathrm{c}, 1 \mathrm{lb} \$ 1.40,5 \mathrm{lbs} \$ 6.75,10 \mathrm{lbs}$. 13.50 .
Ohio Red Globe. A very uniform Red Globe Onion similar in shape grown by the originator. Oz to the $1 / 1 \mathrm{lb} 50$ Yellow Globe. Lake County Seed, Vaughan's Apple S $20 \mathrm{c}, 1 / 4 \mathrm{lb} 50 \mathrm{c}$, lb $\$ 1.60 .5$ lbs $\$ 7.75,10 \mathrm{lbs} \$ 15.00$. Red Gin Shaped Red Globe. market type of Red Globe Onion. Ideal shape for maximum yield. Color is absolutely darkest blood-red. Ite size equals any of the largest types of Red Globe
History-first planted in the west (1896) under the name of Extra Early Red Globe, grown on rich land; carefully selected for size, shape and color, improved each year. Now we believe it is the best of its class. $\mathrm{Oz} 20 \mathrm{c}, 1 / 4 \mathrm{lb}$ $\$ 7.75,10 \mathrm{lbs} \$ 15.00$.

VAUGHAN'S
APPLE SHAPED
RED GLOBE ONION

Eastern grown, $\mathbf{O}$ Western grown seed, $\mathrm{Oz}_{20} \mathbf{2 0 c}$, $1 / 4 \mathrm{ib} 65 \mathrm{c}, \mathrm{lb} \$ 2.35,5 \mathrm{lbs} \$ 11.50$, 10 lbs

Southport Yellow Globe. $\frac{\mathrm{A}}{\mathrm{W}}$ man , crop, late, large, round rower for car-load shipments. Truly a grand pion whe small buyer or the spheres make a beautiful appearance sacked or barreled for market.
Best of all yellow onions for keeping. Our Eastern strain comes from a growe with twenty-five years' experience who makes a specialty of this variety.

Western grown, Oz 15c, $1 / 4 \mathrm{lb} 40 \mathrm{c}, \mathrm{Ib}$ \$1.40, $5 \mathrm{lbs} \$ 6.75$, $10 \mathrm{lbs} \$ 13.00$.

## PRIZETAKER ONION

Vaughan's Selected Stock. Handsomest and largest yellow Globe good shape and enormous size, many weighion. Fair keeper, of finest flavor rood (aised from seed the first year. Is of the same type as those immense onions mported) seen in fruit stores, Always commands a high price.
Prizetaker nearly always grows to a perfect globe shape with a bright straw colored skin; necks are very small; the onions always ripen up hard. American grown seed. Oz 15 c ,
$\$ 6.00,10 \mathrm{lbs} \$ 11.50$.

## Australian Brown Globe. A very

maturing variety Bulbs are good size, very solid heavy. Keeping quality excellent, one of the very best

The onions are thin necked and ripen evenly in all soils $\mathrm{Oz} 10 \mathrm{c}, 1 / 4 \mathrm{lb} 30 \mathrm{c}$, lb $\$ 1.10,5$ ibs $\$ 5.25,10$ lbs $\$ 10.00$.

## Mammoth Silver King.

The largest of the white Onions. Specimens weigh 2 to 4 pounds each. Mild flavor. Fine for fancy market. Oz 15 c , $1 / \mathrm{lb} 40 \mathrm{c}$, lb $\$ 150$. Ailsa Craig. Vaughan's Re-Selected A better keeping and Seed. Very short crop. A better keeping and larger Onion than Prizetaker. Unexcelled for exhibition. Sow early in hotbed and transplant. Pit 15c, $1 / 2$ oz 25c, oz $40 \mathrm{c}, 1 / 4 \mathrm{lb} \$ 1.20,1 \mathrm{lb} \$ 4.00$.
Bermuda Onions. $\underset{T}{\text { We offer true }}$ Grown Seed of these popular southern onions White Bermuda. Straw color Oz \$2.50. Red Bermuda 02 25c, $1 / 4 \mathrm{ib} 5 \mathrm{c}$, $\$ 2.50$. Red Bermuda, oz $20 \mathrm{c}, 1 / 4 \mathrm{lb} 60 \mathrm{c}$, 1 l $\$ 2.00$ Cryatal White Wax, $1 / 2$ oz25c,oz40c I/1b $\$ 1.50$. $1 \mathrm{lb} \$ 5.00$.
NITRATE OF SODA or Chili Saltpeter For Onions, a top dressing of from 75 three times at intervals of 100 lbs . per acre two or hree timcsat intervals of about three weeks may be used after the crops have well started. For Nitrate of Soda, Muriate of Potash and Vaughan's High Grade Truck and Farm Manure, see page 27.

## VAUGHAN'S PEDIGREE ONION SEED


"Fancy", Yellow Globe Danvers. The shape is uniformly round; color a fine brown, orange yellow.
 10 lbs., \$13.00.
Yellow Globe Danvers. This strain of Globe Danvers is equal to any usually sold and may be relied 10 lbs., $\$ 11.50$.
Early White Welsh Onion. For Green Onions. This kind does not form a bulb, but is one of the


## EARLY MILD ONIONS. European Grown.

Vaughan's Pickling. This is a uniform early smail round, hard, crisp, tender and very handsome
 oz., 3 c ; 4 lb ., soc; lib., 3.75 ; 5 lbs., \$8.50; 10 lbs ., \$16.50.
White Queen. Remarkable for its earliness and very mild flavor; it is small and white skinned. Every
 oz., 15c; 1/4 lb., 40c; lb., $\$ 1.50$; 5 lbs., $\$ 7.25$; 10 lbs., $\$ 14.00$.
White Barletta. $\frac{1 t}{}$ white a beautiful waxy-white color, much admired by housewives. Price, same as that of White Barletta.
Giant Brown Rocca


## From Carefully

 Selected Seed Bulbs
## ONION SET SEED

Highest Germination Every Bag Tested

Our Onion Set Seed is strictly California grown from carefully selected bulbs. We particularly pride ourselves on germination-due to up-to-date cleaning machinery. Every bag must test satisfactorily before it leaves our establishment.

## FLAT ONION SET SEED.

## FLAT YELLOW SORTS.

White Portugal or Silverskin. A large flat onion of mild flavor skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles. It is also a good keeper and fine for fall and early winter use. Oz., $15 \mathrm{c} ; 1 / 1 \mathrm{lb}$., $40 \mathrm{c} ; 1 \mathrm{lb}$. $\$ 1.40 ; 5 \mathrm{lbs} ., \$ 6.75 ; 10 \mathrm{lbs} ., \$ 13.00$ Philadelphia Silverskin. Special stran of White Portugal. Oz., 10 lbs., $\$ 13.00$. Large Red Wethersfield. This is the standard Red Flat Variety; omewhat flattened flor large; skin, deep purplish red; form, round, flavored than ened; flesh, purple-white; moderately fine grained, and stronger planted than any of the other kinds. It is more inclined to form large necks, if planted on unsuitable soil, than the Danvers, but it is the best variety on poor or dry soil. Oz., 10c; $1 / 1 \mathrm{lb}$., 30c; 1b., $\$ 1.10 ; 5 \mathrm{lbs}$. . $\$ 5.25 ; 10 \mathrm{lbs}$., $\$ 10.00$.
Extra Early Flat Red. Ours is an especially early darks red strain, careonion. Oz., 15c; $1 / 4 \mathrm{lb} ., 40 \mathrm{c} ; \mathbf{1 b}$., $\$ 1.25 ; 5 \mathrm{lbs} ., \$ 6.00$; $10 \mathrm{lbs} ., \$ 11.50$.

Strassburg or Flat Dutch. A standard fat yellow onion. Flesh onion. Oz., 10c; $1 / 4 \mathrm{lb} ., \mathbf{3 0 c} ; \mathbf{l b} ., \$ 1.00 ; 5 \mathrm{lbs}$., $\$ 4.75 ; 10 \mathrm{lbs}$., $\$ 9.00$. Yellow Danvers. A fine productive variety of medium size; skin, coppery Yellow Danvers. ${ }^{\text {A }}$ yellow. Excellent for yellow sets. Oz., 10c; $1 / 1 \mathrm{ll} \mathbf{l b}$., 30c; 1b., \$1.00; 5 lbs., \$4.75; 10 lbs., $\$ 9.00$.
Australian Brown Flat. The longest keeping fat onion. Extra early used for "Brown Sets." Oz., 10c; $1 / 4 \mathrm{lb}$., $\mathbf{3 0 \mathrm { c } ; \mathrm { lb } , \$ 1 . 0 0 ; 5 \mathrm { lbs } . , \$ 4 . 7 5 ; 1 0 \mathrm { lbs } . \text { , }}$ $\$ 9.00$.
Yellow Cracker. The earliest flat yellow; desirable in climates where sea-
 \$4.75; $10 \mathrm{lbs}, \$ 9.00$.
Bolton. The ideal set onion. Brown color, sell for yellow, early maturing, Bolton. heavy yielder and the best of all for keeping. Oz., $10 \mathrm{c} ; 1 / 4 \mathrm{lb}$., 30 c ; lb., $\$ 1.00$; 5 lbs., $\$ 4.75$; 10 lbs. , $\$ 9.00$.

## ONION SETS

Onion sets are subject to market changes, and while we shall try to maintain these prices, we cannot guarantee them to last throughout the season and advise early orders.
These are the product of seed and are used for "Green Onions" or to produce large Onions, which they do much more quickly than can be grown from seed. Our sets are small, dry and unsprouted.


Egyptian, or Winter Onion Sets. For "Green
Onions." Perfectly hardy. Do not form large onions. Shallots or Yellow Multipliers. For green and large $\$ 0.30$ \$0.55 $\$ 2.00$ onions. Bushel, 32 lbs. . . . . . . . . . . . . . . . . . . . . . . . . . . $50 \quad .80 \quad 3.00$ Yellow Potato Onions. Makes very early large onions 60
White Multipliers. A very productive onion for
"Green Onions," earlier than bottom sets.
1.80
$1.10 \quad 4.00$

## 8 THREE FINE SET ONIONS

## THE CROP

For a number of years there has been an extreme shortage of Peas. The opening of new lands in the far West where conditions for growing seed Peas are good has given us this year a fair crop, although not yet a normal one.

## PEAS

NORTHERN GROWN

Irices are considerably reduced from last year and the quality in gencral is much bet ter. A marked improvement in stocks and a reduction in prices due to the improved climatic conditions in the new growing dis-


ALASKA OR EARLIEST OF ALL


GRADUS OR PROSPERITY


VAUGHAN'S IMPROVED TELEPHONE

## TELEPHONE TYPES

The early season, heavy yield, large pods, and fine flavor of Telephone Peas have placed this variety in the greatest favor for both market and home use. Following are the best selections of this popular sort:

## VAUGHAN'S IMPROVED TELEPHONE

Standard high quality has been maintained for this most popular favorite, notwithstanding the unfavorable seasons of the past few years. This excellent sort has exceptional qualities, and is the best main crop. The pods immense in size, fine dark green color, more desirable than the light green of ordinary Telephone, and they are well filled with delicious, sweet peas. Height four Telephone, and they are well filled with delicious, sweet peas.
feet. Our stock is uniform. Qt 30c, $1 / 2 \mathrm{pk} 85 \mathrm{c}$, $\mathrm{pk} \$ 1.65$, bu $\$ 6.50$.
Alderman Best of the Duke of Albany type. Large dark pods. Uniform strain. Qt 30c, $1 / 2 \mathrm{pk} 85 \mathrm{c}$, pk $\$ 1.65$, bu $\$ 6.50$.
Telephone Light green colored pods, less uniform than Improved Telephone. Qt 30c, $1 / 2$ pk 75c, pk $\$ 1.50$, bu $\$ 6.00$.
Admiral Dewey
Similar to Vaughan's Improved Telephone, Large dark pods. Qt 30c, $1 / 2 \mathrm{pk} 85 \mathrm{c}, \mathrm{pk} \$ 1.65$, bu $\$ 6.50$.
Prince Edward Largest pods of the Telephone Type; does not yield as pk $\$ 1 ., 65 \mathrm{bu} \$ 6.50$.

## LATE OR MAIN CROP VARIETIES

Champion of England Tall, vigorous and an enormous yielder; a of the oldest before the public. Late. Qt $30 \mathrm{c}, 1 / 2 \mathrm{pk} 75 \mathrm{c}, \mathrm{pk} \$ 1.50$, bu $\$ 6.00$. Everbearing Medium height, pods 3 inches long, very prolific. Qt 30c, ,
Quite Content The largest podded of all Peas. Quite Content is an Enith Engh exhibition variety which does very well in the United States. The vine's habit is slightly stronger than Telephone-the pods trade. Qt 40c, $1 / 2 \mathrm{pk} \$ 1.25, \mathrm{pk} \$ 2.50$, bu $\$ 10.00$. trade. Qt 40c, $1 / 2$ pk $\$ 1.25$, pk $\$ 2.50$, bu $\$ 10.00$

| Q | $1 / 2 \mathrm{Pk}$. | Pk. | Bu . |
| :---: | :---: | :---: | :---: |
| \$0 30 | \$0 75 |  | \$600 |
| 30 | 85 | 165 | 650 |
| 25 | 60 |  | 450 |
| 25 | 60 | 115 | 450 |
| 40 |  | 250 |  |
| 40 | 125 | 250 |  |

## P A R S L E Y

The Champion: Is a prize-winning English variety, in appearance like a tuft of finely curled moss, and of a rich deep green color. It is slow to run to seed and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes. Oz., 10c; 1/4 lb., 30c; lb., \$1.00.
Vaughan's XXX Parsley. An extra selected and dwarf strain of moss curled parsley. It is without question the handsomest garnishing variety to be found. Its size makes it especially desirable for green-house and frame use. Oz., 15c; $1 / 4 \mathrm{lb} ., 40 \mathrm{c} ; \mathrm{lb} ., \$ 1.50$.
Double Curled. Oz., 10c; 1/4 lb., 30c.; 1b., \$1.00.
Fern=leaved. Oz., 10c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathrm{lb} ., \$ 1.00$.
Plain. Oz., 10c; 1/4 lb., 30c; lb., \$1.10.
Hamburg Rooted or German Parsley. The root resembles a small parsnip and this sort; extensively used for flavoring b., $30 \mathrm{c} ;$ lb., $\$ 1.00$.

## P A R S N I P

Magnum Bonum. A very fine and greatly improved strain of Hollow Crown Parsnip, roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and mue more easily pulled. A very heavy cropper. Oz., 07c.; $1 / 41 \mathrm{lb} ., 15 \mathrm{c}$.; lb., 50c.
Improved Guernsey. An improved strain, which has given general as those of the Hollow Crown. but are of great The roots do not grow so long Of excellent quality. Oz., 07 c .; $1 / 4 \mathrm{lb} ., 15 \mathrm{c}$.; $\mathbf{l b} .50 \mathrm{c}$.
Hollow Crown, or Long Smooth. (Abbot's Improved.) Smooth, of the best. Our stock is very fine $0 z, 07 c$, large, tender and sugary; one Vaughan's Marrowfat. A thick shouldered hollow crown variety.


## P E P P ER

## Vaughan's Magnum Dulce Pepper.

Decidedly superior to Chinese Giant or any other variety known to market in size and sweet quality. The result of many years' careful selection by a successful grower. The yield of this variety may be greatly increased by pinching out the firstor king blossoms which appear. These king blossoms produce the largest peppers. However, in doing so, they reduce the yield. The flesh runs $1 / 2$ to $3 / 4$ inch thick, and is exceptionally mild and pleasant in flavor. Fifteen fruits to a bushel. Pkt. 15c; oz. 35c; 2 ozs. 65 c ; $1 / 4 \mathrm{lb} . \$ 1.15$; lb. $\$ 4.5 \mathrm{v}$. Vaughan's Improved Sweet Mountain. It is a strong ductive. The peppers when young are of a bright green color, without any shade of purple; when ripe they are of a very beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care for over twenty years. $1 / 2 \mathrm{oz}$., 12c; oz., 20c; $1 / 4 \mathrm{lo}$., 60c; Lb., \$2.00.


Ruby King. Grows $41 / 2$ to 6 inches long, by $31 / 2$ to 4 inches thick. The The mat, or walls, is quite crisp and tender. $1 / 20$ of., $10 \mathrm{c} ; \mathrm{oz} ., 20 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 60 \mathrm{c}$; Lb., \$2.00.
Chinese Giant. Double the size of "Ruby King." Not only is it early size will cause it to sell in ripening and productive for so large a pepper, but its size will cause it to sell most readily. The fruits are of thick blocky form and of glossy scarlet. They grow four or five inches broad at the top, and are of equal ength. All uniformly large. The flesh is mild and unusually thick; it makes an excellent salad sliced and served like tomatoes. Pkt., 10c; $1 / 2 \mathrm{oz} ., 20 \mathrm{c} ;$ oz., 30c (1b., $\$ 1.00$; ib., $\$ 4.00$
Pepper, New Neapolitan A great market gardeners' variety, two King. It is of good size weeks earlier than Bull Nose or Ruby ts great value liod size, mild flavor, and the plants are of good stocky growth ipens an信
Pepper, New Upright Sweet Salad This pepper grows upright, and It is a cross between Chinese Giant and a very mild, sweet variety. Its value to it a crose the market gardener is in earliness and its mild flavor, so mild, in fact, that even the seeds may be eaten raw without inconvenience. Fruits are of medium size and are produced in good numbers. The color is a very handsome green, and turns a waxen red when ripe. A fine variety for fancy trade. Pkt., 10c; $1 / 2 \mathrm{oz}$., $25 \mathrm{c} ;$ oz., 40c. ; 1/4 lb., $\$ 1.00$ : lb., $\$ 3.50$. $1 / 2 \mathrm{Oz}$. Oz. $1 / 4 \mathrm{Lb}$. Lb.
Large Bell or Bull Nose. . . . . . . . . . . . . . . . . . . . . . . . . . . . $\mathbf{\$ 0 . 1 2}$ \$0.20 $\$ 0.60$ \$2.00
 Cayenne Pickling
Elephant's Trunk.
Golden Dawn
Mammoth Golden Queen
Neapolitan Improved Upright (New)
Red Cherry.
Red Cherry.
Spanish Monstrous.
Tabanish Monstrous. Pkt., 10 c .

## P U M P K I N

## VAUGHAN'S SUGAR PIE PUMPKIN.

Flesh very thick, sweet and fine flavored. Makes delicious pies. Price: Oz., $10 \mathrm{c} ; 1 / \pm \mathrm{lb} ., 20 \mathrm{c} ; 1 \mathrm{lb} ., 60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.50$. Oz . $1 / 4 \mathrm{Lb}$. Lb. Winter Queen (Winter Luxury.) Fine quality. Calhoun. Skin, cream color; flesh, salmon yellor Large Field. For cattle feeding. $10 \mathrm{lb} ., \mathbf{\$ 2 . 5 0}$ Large Cheese. Flat; very productive............... Jweet Potato. Beores Pie. Good keeper, fine quality.
Japanese Pie. Good keeper, fine quality......
Small Sugar. Good for the Home Garden.
Golden Oblong. Flesh yellow, excellent favor.
Large Tours, or Mammoth French. Very large size

## RHUBARB.

Chicago Giant. The best bred and finest variety of Rhubarb to date MAMMOTH Small leaves and large stalks. Pkt., 20c; 3 for 50c.
MAMMOTH. Oz., $10 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathrm{lh} ., \$ 1.00$.
Linnaeus. Oz., 10c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathrm{lb} ., \$ 1.00$.
RHUBARB ROOTS. Clumps. Each 15c, 25c and 50c, according to size. Seedlings, per 100, \$4.50.

## RAMPION. Roots and leaves used for Salads. Oz., 25c; $1 / 4 \mathbf{l b} ., 80 c$.

SORRELL. Broad leaved French. Cultivated for its leaves. Used like SORRELL. Spinach. Oz., 10c.; $1 / 4 \mathrm{lb}$., 30c.; lb., $\$ 1.00$.
SAGE. For seasoning. Oz., 15c; $1 / 4 \mathrm{lb} ., 40 \mathrm{c} ; \mathrm{lb} ., \$ 1.25$.

# Vaughan's Seed Potatoes <br> <br> GROWN IN THE <br> <br> GROWN IN THE FAR NORTH 

 FAR NORTH}


EARLY OHIO

THE last few seasons have been unfavorable for Ohio Potatoes in some localities, so a demand has developed for an early sort that will give a good yield before the later ones are ready. While we have nothing to supplant the Early Ohio, we do offer three in the Second Early Class that are quite as prolific and in some seasons mature only a few days later than the former. They are the Dearborn, Irish Cobbler and Woodbury's White Rose.

For almost twenty years we have grown our Early Seed Potatoes in the Red River Valley of the North. Now Vaughan's Red River Valley Grown True to Type Early Seed Potatoes are the standard of quality throughout the country. Red River Valley Early Seed Potatoes we have found by careful trials are earlicr, more vigorous and better yielders than stock from any other section. Write for latest market prices in quantity lots.
The prices on our potatoes are f. o. b. Chicago. If to be shipped from New York, add 50c per sack and 20c per bushel; peck and half-peck prices are the same.

## Vaughan's Improved Early Ohio.

Vaughan's Red River Ohios are now the Standard of quality for this sort. We were the first to grow this variety in the Red River Valley many years ago and our stock is the best obtainable. Vaughan's Improved Early Ohio is the earliest heavy yielding quality potato on the market to-day. Peck, 55c; bu., $\$ 1.50$; sack ( 165 lbs .) $\$ 3.75$; bbl., $\$ 4.00$; 10 bu., $\$ 13.00$.

## Vaughan's White Ohio.

A white sport similar to its parent, Red Ohio. Not as heavy in yield as the latter but brings a better price where a white sort is demanded. Peck, 70c; bu., $\$ 1.75$; sack ( 165 lbs.) $\$ 4.50$; bbl. $\$ 4.75 ; 10$ bu., $\$ 15.50$.

## Woodbury's White Rose.

A heavy cropping second early White Potato. It inherits its earliness from its parent Early Rose yet in yield it compares with any of the late sorts like Rural New Yorker or Carman. The tubers are white, not so long as Early Rose and therefore are much more attractive for the ordinary market. In season White Rose ripens about ten days later than Ohio, and in quality it is superior to any other early variety. Especially good on light soil and for a local market. $1 / 2$ peck, 35 c ; peck, 55 c ; $1 / 2$ bu., 85 c ; bu., $\$ 1.50$; sack ( 165 lbs .) $\$ 3.75$; bbl., $\$ 4.00$; 10 bu., $\$ 13.00$.

## Dearborn

Early harvesting, good size and fine quality, are exceptional features of the Dearborn. In maturing it is medium early, a little later than the Irish Cobbler. The plant's habit is thrifty, strong and upright. Inshort this is easily the best quality sort to date, $1 / 2$ pk., 40c; pk., 70c; $1 / 2$ bu., $\$ 1.00$; bu., $\$ 1.75$; bbl., ( 165 lbs.) $\$ 4.60$.

## Standard Kinds.

Carman No. 3. A popular main crop variety. Our stock is fine this Rural New Yorker No. 2. $\begin{aligned} & \text { Standard White Market Potato. Known } \\ & \text { everywhere as " "Dusty" Rural. }\end{aligned}$ Acme. A proftable early potato. Belongs to Ohio type; however, better Acme. yielder and earlier. Sir Walter Raleigh. The best of the Carman Group. A late, flat than Rural New Yorker. magnificent yielding sort. A better yielder

Variety.
$1 / 2 \mathrm{Pk}$. Pk. $1 / 2 \mathrm{Bu}$.

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Rural New Yorker No. 2
```

Carman No. 3.
Acme
Sirne Waiter Raleigh..
liss' Triumph
11-peck bbl., 25 c extra.

## SWEET POTATOES.

## GROWN ESPECIALLY FOR SEED

We can offer Yellow Jersey (the most popular Northern sort), Red Jersey, Red Bermuda, Early Carolina and Nansemond.


3 bbl. lots, 25 c per bbl. less

VAUGHAN'S PEDIGREE SEED CORN-Our list of both early and late varieties is complete and up-to-date. Standard sorts recognized by the different breeding associations. No old varieties with new high-sounding names.

## Irish Cobbler.

This variety has attained great popularity in the past few years on account of its extreme earliness and heavy yields. On favorable soils (this variety prefers light or sandy conditions) Irish Cobbler will yield well up in comparison to late varieties. The quality is rather coarse but the appearance is excellent and it meets with a ready sale. We are able to offer Red River Grown stock this year and we know our customers will like it much better than any stock they have seen of the variety heretofore. $1 / 2$ peck, 35 c ; peck, 55 c ; bu., $\$ 1.50$; sack ( 165 lbs.) $\$ 3.75$; bbl., $\$ 4.00$; 10 bu., $\$ 13.00$.


## IRISH COBBLER

Vaughan's New Keystone. A new pure white (the whitest we have potato. We consider it the finest eating quality of all the varieties we have late tried. $1 / 2$ peck, 40 c ; peck, 70 c ; bu., $\$ 1.75$; sack, $\$ 4.35$; bbl., $\$ 4.60$; 10 bu., New Potato, Giold Coin. Introduced in the East several years ago. variety in loose and also mucky soils After a trial we find it a very profitable variety in loose and also mucky soils, as the roots run deep. Not so desirable in heavy or clay soils. The tubers are white with slight streaks of pink and run uniformly large. Vines strong and vigorous. Price, $1 / 2$ peck, 30c; peck, 55c; $1 / 2$ bu., 80 c ; bu., $\$ 1.50$; $165-\mathrm{I}$ b. sack, $\$ 3.75$; bbl., $\$ 4.00$; 10 bu., $\$ 13.00$.

## NEBRASKA, New Late White.

This is one of the best main crop White Potatoes ever introduced, everywhere outyielding the standard main crop kinds. The vines are wonderful growers and very hardy. Does well on heavy lands as the tubers are flat and set near the surface. Price $1 / 2$ peck, 35 c; peck, 60 c bu., $\$ 1.50$; $165-\mathrm{lb}$. sack, $\$ 3.75$; bbl., $\$ 4.00$; 10 bu., $\$ 13.00$.


NEBRASKA, NEW LATE WHITE


VAUGHAN'S SELECT SCARLETEGLOBE


ICICLE RADISH


SCARLET TURNIP WHITE TIP

## EARLY VARIETIES

## IMPROVED EARLY SCARLET GLOBE Vaughan's Selected Stock

For greenhouse and hotbed forcing, and also for outdoors this is a most desirable sort.
Very early, mild, crisp, juicy and tender; top small and will stand heat and not become pithy.

Its bright scarlet color and handsome shape make it most attractive and one of the best sellers.

Our stock is selected with greatest care, as to size, shape, color and earliness, it is the very best; it is the right one in every respect and a money maker for market gardeners. Oz 10c, $1 / 4 \mathrm{lb} 25 \mathrm{c}$, $1 \mathrm{lb} 70 \mathrm{c}, 5$ lbs $\$ 3.25,10$ lbs $\$ 6.00$.
Scarlet Globe Ordinary. Oz 5c, $1 / 4 \mathrm{lb} 20 \mathrm{c}, \mathrm{lb} 50 \mathrm{c}, 5 \mathrm{lbs} \$ 2.25$, $10 \mathrm{lbs} \$ 4.00$.

## ICICLE

The finest of the White Radish variety; has long slender pure white roots, crisp to the bite, and remain so until they grow larger. The tops are short, permitting close planting; early maturing, mild. The roots keep a long time before getting pithy.

Many of our customers consider it the finest quality radish they have ever planted.

Owing to its exceptional qualities as a perfect Radish for eating, being mild, crisp, white, it is a great favorite, and a profitable sort for the market gardener with a private trade. $1 / 4 \mathrm{lb} 15 \mathrm{c}, \mathrm{lb} 50 \mathrm{c}$, 5 lbs $\$ 2.25$.

## STANDARD TURNIP SORTS



## EARLY VARIETIES SCARLET TURNIP WHITE TIP <br> Vaughan's Sparkler Strain

This is the most popular Radish for out-door planting. It combines those qualities of attractive appearance, both color and shape which make it a splenqualities did

It is bright scarlet with white tip, just enough white to give sharp contrast to the red.

The tap root is very slender. We sell many thousands of pounds of this Radish annually to the most critical market gardeners, proving our stock is the very best.
Our seed is most carefully grown from transplanted roots, just right in color, size and shape. $\mathrm{O}_{z} 10 \mathrm{c}, 1 / 4 \mathrm{lb} 15 \mathrm{c}, 1 \mathrm{lb} 40 \mathrm{c}, 100 \mathrm{lbs} \$ 35.00$.
Scarlet Turnip White Tip, Choice stock. Oz 7c, $1 / 4 \mathrm{lb} 15 \mathrm{c}, \mathrm{lb} 35 \mathrm{c}, 100 \mathrm{lbs}$
$\$ 30.00$. $\$ 30.00$.

## EXTRA EARLY OLIVE SHAPED RADISHES

|  | Oz . | 1/4lb. | Lb. | 5 lbs. |
| :---: | :---: | :---: | :---: | :---: |
| Vaughan's 20-Day Forcing. | 10 | \$0 25 | \$0 85 | \$. |
| Improved French Breakfast | 10 | 20 | 70 | 325 |
| French Breakfast. | 05 | 20 | 60 | 275 |
| Earliest White Olive | 10 | 25 | 80 | 375 |
| Olive Yellow May. | 05 | 20 | 60 | 275 |
| Oval Deep Scarlet | 10 | 25 | 70 | 325 |
| Vaughan's Olive Crystal . | 10 | 25 | 80 | 375 |

## EARLY LONG RADISHES

Icicle. The best white Radish, early, the very
 Brightest Long Scarlet (Cardinal).
Early Long Scarlet (Short Top). Early Long Scarlet
Cincinnati Market
$1 / 41 b$.

Vaughan's Market (Long White)
Wood's Early Frame.
Half Long Deep Scarlet

## SUMMER VARIETIES

|  | Oz | 1/4 1 b . | Lb. | 5 lbs. |
| :---: | :---: | :---: | :---: | :---: |
| Improved Chartier |  |  |  |  |
| Long White Vienna | 05 | 15 | 50 | 2 25 25 |
| White Strassburg. <br> White Stuttgart.. | -05 | 15 | 50 | 2 2 |
| WINTER RADISHES |  |  |  |  |
| Do not sow until last of June. |  |  |  |  |
|  | Oz . | 1/1 lb . | Lb. | 5 lbs . |
| Chinese Mammoth, or Celestial. | \$0 05 | \$0 20 |  | \$2 75 |
| California Mammoth White Winter | 05 | 20 | 60 | 275 |
| Rose, or Scarlet China Winter | 05 | 15 | 50 |  |
| Round Black Spanish. | 05 | 20 | 60 | 275 |
| Half Long Black Winter. | 05 | 20 | 60 | 275 |
| Long White Spanish.... | 05 | 20 | 60 | 275 |
| The Munich. . | 05 | 20 | 60 | 275 |

## SALSIFY OR OYSTER PLANT



Salsify, Mammoth Sandwich IsIand
Sandwich Island Mammoth. Grows uniformly to an extra large size, a veraging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Oz., 15c; $1 / 4$ lb., 30c; lb., \$1.00.
LONG WHITE SALSIFY. Oz., 15c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathrm{lb} ., \$ 1.00$. Scorzonera. (BLACK SALSIFY). Oz., $15 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 40 \mathrm{c}$.

## SPINACH

Giant Fill Basket. (New). Considered in best Spinach ever produced. Our customers and trial grounds report phenomenal results. Its broad thick leaves are produced in remarkable abundance. Lb., 25c.: 5 lbs., \$1.00.


## WINTER VARIETIES.

Vaughan's Giant Summer Crookneck. The best of the Yellow Summer Crookneck varieties. A large and fine strain. Oz., 10c; $1 / 4 \mathbf{l b} ., \mathbf{2 5 c} ; \mathbf{1 b} ., 70 \mathrm{c}$.
Mammoth White Bush. (Patty Pan.) An improved selection of the early White Bush, being considerably larger and deeper, has less scallops, saving waste, and produces more heavily. Oz., 8c; 1/4 lb., 20c; lb.,50c.
Yellow Summer Crookneck. Smaller than Giant. $\mathrm{SO}_{1} 1 / 4 \mathrm{lb} . ~ L b$.
Giant White Summer Crookneck. A white selection of Yel-
low Summer Crookneck..... ............................ . . . 08
Straightneck Summer: Crop failed.
Mammoth Yellow Bush. Large strain of Yellow Bush...... . 08 . 30 . 60
Yellow Bush Scalloped. (Orange Patty Pan.)................. . 07 . 15 . 50
Early White Bush. (White Patty Pan.) ......................... . 07 . 15 . 50
Fordhook. An all year round variety ............................... 10 . 25 . 80
Bush Fordhook. Bush form of Fordhook........................ 10 . 25 . 75
$\begin{array}{lll}\text { Delicata. Small fruited and early ........................... } 10 & .25 & .75 \\ \text { Vegetable Marrow. An English vegetable. . . . . . . . . . . } 10 & .25 & .75\end{array}$


## SUMMER VARIETIES.

Chicago Warted Hubbard. A selection of the largest, heaviest dark rough skinned specimens of the oid Hubbard. We are

For spring planting-Norfolk Savoy or Bloomsdale, Large Round Leaf and Victoria are most generally planted.

The new variety Vaughan's Fill Basket, however, produces much larger plants in the same time and Vaughan's Triumph does not run to seed as quickly as other kinds.

For Fall Season-Norfolk Savoy, Large Round Leaf, and Prickly or Winter are , good sorts.
Vaughan's Giant Fill Basket. This variety is as early as any and produces the largest plants of all spinach. Oz., $5 \mathbf{5} ; 1 / 4 \mathrm{lb} ., 10 \mathrm{c} ; \mathbf{1 b} ., 25 \mathrm{c}$.

## VAUGHAN'S NORFOLK SAVOY SPINACH.

The popular Southern Spinach. The leaves remarkably thick and blistered, extremely hardy. Do not settle in the barrel in shipping as do other varieties. Our strain is right. Very early. Lb. 15c; 10 lbs. $\$ 1.20$.

Extra Large Round Leaved-The most popular western variety much planted around Chicago. $1 / 4 \mathrm{lb}, \mathbf{7 c} ; \mathbf{1 b} ., 15 c ; 10 \mathrm{lbs} ., \$ 1.20$.
Vaughan's Triumph (new)-This variety will stand summer heat without runing to seed longer than any other sort.
$1 / 4 \mathrm{lb} ., 7 \mathrm{c} ; \mathbf{l b} ., 15 \mathrm{c} ; 10 \mathrm{lbs}, \mathbf{\$ 1 . 2 0}$
Bloomsdale-Indentical with Norfolk Savoy. Ib. 15c; $10 \mathrm{lbs} . \$ 1.20$.
Large Round Viroflay-Early and large. Ib., 15c; 10 lbs. $\$ 1.20$.
Victoria-large and long seasoned thick leaves.
1/4 lb., 7c; lb., 15 c ; 10 Ibs., $\$ 1.20$.
Long Standing-Smooth seed. Slow to run to seed.
1/4 lb., 7c; lb., 15c; 10 lbs., \$1.20.
Prickly Seeded-Very hardy for late planting. lb. 15c; 10 lbs. $\$ 1.20$.
New Zealand-A particular branching type for summer use.
Oz., 7c; 1/4 1b., 20c; lb., 60c.

## SWISS CHARD-A Money Crop

Cut and Come Again! Spinach, as it is sometimes called, is far superior to the common Beet for greens and equal to Spinach. Planted like Beets, it may be cut throughout the entire summer and fall when no Spinach is to be had. Often used as a catch crop chard gives quick results where ground would otherwise stand idle. Especially popular with the Italian gardeners.

Large Leaved or Sea Kale Chard. Oz., 7c; $1 / 4$ lb., 20c; lb., 60c.
Lucullus-A very curled sort, very large leaves with broad mid-ribs.
Oz., 10c; $1 / 4$ lb., 30c; lb., $\$ 1.00$.
Lyon-A new variety especially selected for its broad mid-ribs and atems which are cooked like asparagus. Oz., 10c; $1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; \mathbf{l b} ., \$ 1.00$. and have been headquarters for years. Oz., 10c; $20 \mathrm{oz} ., 15 \mathrm{c}$; 1/4 lb., 25c; lb., 80c; 5 lbs., $\$ 3.75$; 10 lbs., $\$ 7.00$.
Hubbard. An extra choice strain, nolle better. Oz., 10c; 1/4 lb., 25c; lb., 80 c ; 5 lbs., $\$ 3.75$; 10 lbs., $\$ 7.00$
Golden Hubbard. A golden form of Hubbard.
Almost bugproof. Oz., 10c; $1 / 4 \mathrm{lb} ., 25 \mathrm{c}$; lb., 80c;

Delicious. The quality squash
Boston Marrow. Fall orange sort $\begin{array}{lll}\$ 0.10 & \$ 0.25 & \$ 0.75\end{array}$
Chicago Orange Marrow. Large as Hubbard . . 10
Pike's Peak. Large oval fruits ................. . 10
Faxon's Brazilian. Long keeping ............. . 10
Golden Bronze. Very sweet ................... 10
Essex Hybrid. (Turk's Cap.) Large fall sort. . 10
$\begin{array}{lllll}\text { Marblehead. Fine quality, blue, olive shape.. } & .10 & .30 & .75 \\ .90\end{array}$


SWISS CHARD-Nothing better for "Summer Greens'"

## VAUGHAN'S TOMATO SEED

Our seed is raised by the most experienced growers, some of whom specialize on par ticular varieties only. Cheap tomato seed is very dear for the market gardener.


NEW GLOBE TOMATO (The Most Perfect Table Variety)
Certain Tomatoes sell much better on some markets than do other sorts. For example a red tomato sells well in New York while a purple sort is wanted in Chicago. Find out what your customers want.
New Globe. An entirely new shaped purple tomato. The majority of fruits being elongated in shape. Medium in season it is exceedingly prolific and bears large sized fruit throughout the season. In the few seasons since its introduction it has become the most popular high quality purple sort. Every gardener raising tomatoes should have a planting of this new kind. $1 / 2 \mathrm{oz} .12 \mathrm{c} ; \mathrm{oz} ., 20 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 70 \mathrm{c} ; \mathrm{lb} ., \$ 2.50$.
June Pink. The earliest pink tomato. We have a fine strain. Our Chicago customers have made good money on this sort the last few seasons. $1 / 2$ oz., 12c; oz., 20c.; $1 / 4 \mathrm{lb} ., 70 \mathrm{c} . ; \mathrm{lb} . \$ 2.50$.
Early Detroit. (New.) See page 4-novelties. A new second early purple variety. Summarized, it is an early Beauty producing even more marketable fruits than that old standard.
1/2 0z., 12c; oz., 20c; 1/4 1b., 70c; lb., \$2.50.
Vaughan's Select Earliana. The earliest large smooth red Tomato. Where a market likes a red tomato this variety is without equal as an early. Our strain has been most carefully bred early in season and produces a large percentage of smooth fruit.
$1 / 2 \mathrm{oz} ., 12 \mathrm{c}$; oz., 20c; 1/4 lb., 60c.; lb. $\$ 2.00$
Bonny Best. An improved type of Chalk's Early Jewel Tomato. A red variety ripening right after Earliana and producing a fine large smooth fruit. It bears for a much longer period than Earliana, lasting well into the main crop season. $1 / 2 \mathrm{oz} ., 12 \mathrm{c} ; \mathbf{0 z} ., 20 \mathrm{c} ; 1 / 4 \mathrm{lb},, 70 \mathrm{c} ; \mathbf{l b} ., \$ 2.50$.

## POPULAR STANDARD.

Per pkt., 5 cents for any of the following except when noted:
ACME. Early, large, smooth pinkish, purple in color, always $1 / 2 \mathrm{Oz}, 1 \mathrm{Oz}$, $1 / 4 \mathrm{lb}$. Lb . atlantic Prize. Good size; early smooth red.
BEAUTY. Fine strain of this popular large sized smooth
purple main crop sort..................
nuckeye State.
CHALK'S EARLY JEWEL. Later but better yielder than EALIIana..

## POPULAR STANDARD-Continued.

$1 / 2 \mathrm{Oz} .1 \mathrm{Oz} .1 / 4 \mathrm{lb}$. Lb.
CORELESS. A late crop. Round sort
wonderfully prolific and of fine quality... $\$ 0.12$ \$0.20 $\$ 0.70 \quad \$ 2.50$ Crimson Cushion. Very large round scarlet.. $\quad .15 \quad .25 \quad .75 \quad 3.00$ $\begin{array}{lllllll}\text { Cream City. Purple, large and early......... } & .12 & .20 & .60 & 2.00\end{array}$ Dwarf Aristocrat. A dwarf red ................
WARF CHAMPION. The most popular dwarf. Purple in color, always smooth. . Earliest of All-Vaughan's. The earliest but. rough.
Early Michigan. Early deep red
Enormous. Very large, smooth red.
Favorite. Early, large smooth red...
Freedom. Very early bright scarlet.
Golden Queen. Rich deep yellow.
Ground Cherry or Husk Tomato. .
Imperial. Large smooth purple.
Honor Bright. A fine shipper, large and good
HUMMER-.............................................. round tomatoes. Early bright scarlet. . . MAGNUS. Large potato-leaved purple. MATCHLESS. A fine large bright red. Model-Vaughan's. One of the best dwarf reds....
Perfection. One of the best scarlets........... PONDEROSA. The largest of all Tomatoes. STONE IMPROVED. The best main crop. The most productive of all varieties and a fine shipper. Our strain unsurpassed...... Tall Champion. A wonderful yielder of medium sized purple Acme colored smooth fruits.
 rant, Yellow and Red Pear, Yellow and Red Peach, Yellow and Red Plum, any one … 15 . 25 . $75 \quad 2.50$ Forcing Sorts. Comet, Sunrise, Sterling Castle, each, pkt., 25 c ; 1 oz , 50 c . Lorillard-Sutton's Best of All-Pkt., 10 c ; $\mathrm{oz.}^{2}, 35 \mathrm{c}$.


JUNE PINK (The best early Purple Tomato) TURNIP.


White Egg..
Purple Top White Giobe, 10 ibs., $\$ 4.50$
White Flat Datch, 5 lbs., $1.75 .$.
Yellow Aberdeen, 10 ios., $\mathbf{\$ 3 . 7 5}$.
Gweet German
Large Yellow.
Long Cowhorn
Seven Top.
Rhode island Rock...
Yellow Stone
White Norfolk

## RUTABAGA, OR SWEDE.

[^3]

## Flower

 Baskets
## Newest

Patterns

Newest Importations from Germany and France.

We also have many styles and sizes that are not shown in this cut.

Customers ordering a selection and leav= ing it to us will receive only good salable styles and sizes.

## GERMAN BASKETS




## VAUGHAN'S CRYSTAL VASES

These high-grade Crystal Vases are the best vases on the market for table, wedding and church decorations. Don't compare these with the ordinary cheap glass vases generally used. Note the low prices.

Each, \$1.00; doz. \$10.00 Each, \$1.00; doz. 10.00 Each 30c; doz. 3.30 Each \$1.00; doz. 10.00

## No. 15082 -Height, 18 inches. No. 334 -Height, 16 inchss.

No. 16061b-Height. 21 inches


## VAUGHAN'S WHEAT SHEAVES

## ITALIAN BRAND HAND MADE The Kind that Hold their Shape

For many years we have supplied the trade with High Grade Wheat Sheaves; employing as we do a corps of experienced makers in this line, and using the choicest imported wheat enables us to turn out the Best Sheaf on the market.

FLAT SHEAVES Each Doz.
A-173/4 inches long. $\$ 025 \$ 240$ B-19 inches long. $30 \quad 300$ C-201/8 inches long. 40400 D-22 inches long. $50 \quad 500$ $\mathrm{E}-23^{1 / 2}$ inches long. $60 \quad 600$ $\mathrm{F}-25$ inches long. 70700 $\mathrm{G}-26^{1 / 2}$ inches long. $80 \quad 800$ $\mathrm{G}-28$ inches long. 1001000 I-30 inches long. 1251200


# FLORISTS＇WIRE DESIGNS． 

4 Many other and odd designs can be made and supplied on short notice，but they are made entirely at the risk of the buyer as to correctness；we accept orders on no otherbasis．
I－arge Dlscount lf you buy big．Send us your list for estimate．We meet all honest competition F．O．H．NEW YORK OR CHICAGO．
These rates will be found lower than many so－called net price rates

CASH DISCOUNT FOR 10－DAY PAYMENT

## 25 Per Cent

Ask for special prices on orders amounting to $\$ 50$ or $\$ 150$ and ud



CRESCENT WREATH．EASEL．

| Anchors |  |  |  |
| :---: | :---: | :---: | :---: |
| Inch | Price． | Inch． | Pr |
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|  | 12 | 22. |  |
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|  | ．．． 16 | 30. |  |
| ANCHOR ON BASE． |  |  |  |
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| 10 | ．．． 17 | 22. |  |
| 12 | ．．． 20 | 24. |  |
| 14. | ．．． 25 | 27. |  |
|  | ．．． 30 | 30. |  |
| 18. | ．．． 35 | 36. |  |
| ANCHOR ON RECLINING STAND． |  |  |  |
| 8．．． | ．．．． 10 | 18. |  |
|  | 12 | 20. |  |
|  | 15 | 22．． |  |
| 14. | 20 |  |  |
|  | 25 |  |  |

ANCHOR ON EASEL．

ANCHOR ON EASEL WITH SCROLL



## Anchor and Cross．

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ANCHOR AND CROSS

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SICELE ON BASE．


5 in．doz．50c； 6 in．doz． $65 \mathrm{c} ; 7 \mathrm{in}$ ，doz． 80 c
Bibles or Books．

| 20 | $12 \times 20$ |
| :--- | :--- |
| 30 | $14 \times 24$ |

$8 \times 12 \ldots$
$10 \times 16 \ldots 1$
Ribibl
$12 \times 20 \ldots$

Boc．．．． 75 ｜ $14 \times 24 \ldots . .$.

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Broken Wheel | en | $24 \ldots$ |
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| 50 | $30 .$. |
| 65 | 36 |

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$80 \mid 27$
BROKEN SHEEL ON BASKET
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## REVISED A b c LIST of SUPPLIES

NOTICE.-Prices quoted in this Catalogue are subject to change without notice, owing to the unsteady condition of the markè. This applies particularly to Fertilizers, Wire, Tinfoil, etc.

## APRONS, Rubber.

These are especially made for us of the best quality of Black Sheeting, and are $11 / 4$ yards long. Each $\$ 2.00 ; 3$ for $\$ 5.70$; Postage, 25 cents each extra.
Waterproof, Oiled, Yellow-will give good satisfaction, each 75c; 3 for $\$ 200$ BAGS, Seed. Pcr 1,000
Yellow- $23 / 8 \times 35 / 8$ inches, for flower seed
White-2x $33 / 8$ inches, for flower seed
\$1 10
.85
Extra Heavy-For vegetable seed per 1,000 , $1 \mathrm{oz}, 81.15 \cdot 2 \mathrm{oz}, \$ 1.50 ; 1 / 2 \mathrm{pt}$
S2.15; 1 pt. $\$ 2.90 ; 1 \mathrm{qt}$. $\$ 3.25 ; 3$ pts. $\$ 4.00 ; 2$ qt. $\$ 4.50 ; 3 \mathrm{qt} . \$ 6.00 ; 4 \mathrm{qt}$ $\$ 8.25 ; 6$ qt. $\$ 10.50 ; 8$ qt. $\$ 13.00$.
BASKETS, Rustic Hanging. $9-\mathrm{in} . \quad 11$-in. 12 -in. $14-\mathrm{in}$.
Each.......................... $\$ 0.85 \quad \$ 1.40 \quad \$ 1.50 \quad \$ 1.75$
Earthenware. See under Pots
POWDER BELLOWS.
American. Used for dusting plants with sulphur or like material. Three sizes, each $\$ 1.00, \$ 1.15$ and $\$ 1.25$.


Peerless Sulphur Blower. The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in five minutes with this machine. Each $\$ 4.00$.

BOOKS. For other Books, send for our Book List.
American Florist, The. Best paper for the trade; in-
valuable to every florist. Weekly. By the year........ $\$ 1.00$
American Florist's Directory. Florists should have this 3.00
Asparagus Culture. Hexamer. Illus. Cloth, $174 \mathrm{pp} . .50$
Bulbs and Tuberous Rooted Plants. Allen. Cloth... 1.50
Carnation Culture. Ward. Illustrated. Cloth, 290 pp. 3.50
Carnation Culture. By L. L. Lamborn................. . 1.50
Chrysanthemum Culture. Herrington. Cloth, 158 pp.
Forcing Book, The. By Prof. Bailey. Nanual of vegetable cultivation under glass. Cloth: $266 \mathrm{pp} . .$. ...... 1.25
Fertilizers. J. J. Gregory. Paper. ...........................
Fertilizers. important subject. Easy, comprehensible style......... 1.50
Floral Designs de Luxe. 355 designs.................... 2.50
Gardening for Profit. Henderson. Cloth, 369 pages... 1.50
Gladiolus, The. Covers whole field of gladiolus culture. By Crawford and Van Fleet. Illustrated.
Greenhouse Construction. Taft. All the best struc-
tures fully described; 100 illustrations. Cloth.......... 1.50
Greenhouse Management. By L. R. Taft. Illus. Cloth 1.50
Hand Book of Plants. Henderson's. Latest edition... 3.00
Farm and Garden Rule Book. Contains much valuable information. By L. H. Bailey, Cloth
Insects and Insecticides. C. M. Weed. Hllus. 334 pp. . 1.50
Landscape Gardening. By Waugh. Cloth........... 50
Landscape Gardening. Maynard.
1.50

Lilies. An authoritative and instructive manual for growers. H. S. Adams.
Mushroom Culture:
Mushrooms, How to Grow Them. Wm. Falconer. Cloth 1.00
Nursery Book, The. Bailey. Cloth. 365 pp.......... 1. 50
Practical Floriculture. By Henderson. .....
Pruning Book, The. Bailey. Illus. 545 pp
Spraying of Plants, The. Lodeman. Cloth, 399 pp
The Book of Water Gardening. Peter Bisset Cloth
Violet Culture-Commercial. Galloway. Cloth, 239 pp
BIRCH BARK.
Comes in sheets from 18 to 24 inches in width, runs about 10 feet long, weighs from 2 to 4 pounds to the sheet. Price, per lb.

Write for price in full bale lots of 220 pounds.
CAPE FLOWERS.
\$0. 18

Pure White. Extra fine quality
Colored. Bright shades
COTTON WADDING-For Packing Flowers, etc.
White, per bale of 480 sheets
$\$ 12.50$
Colored (black), per bale
9.00

## CUT FLOWER BOXES.

F. O. B. Chicago only Printing $\$ 1.00$ extra. In gold $\$ 200$ extra for 100 to 1,000 boxes assorted sizes. We carry a complete stock and can usually fill orders promptly. If required printed, usually means delay of about ten to twelve days. Shipped only in original packages of 100 .

## VAUGHAN'S "WHITE"' GRADE.

Made of water-proof double Manila lined strawboard. The finest box on the market.

|  | Weight | Per |  | Weight | Per |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size in inches | Per 100 | 100 | Size in inches | Per 100 | 100 |
| $3 \times 16 \times 4$ | 33 lbs | \$2.50 | $31 / 2 \times 30 \times 5$ | 75 lbs | \$4.50 |
| $3 \times 18 \times 5$ | 40 lbs | 2.80 | $4 \times 24 \times 8$ | 85 lbs | 500 |
| $3 \times 21 \times 5$ | 45 lbs | 3.20 | $4 \times 28 \times 8$ | 95 lbs | 5.50 |
| $31 / 2 \times 24 \times 5$ | 60 lbs | 3.80 | 5 x28x8 | 105 lbs | 6.25 |
| $31 / 2 \times 21 \times 7$ | 65 lbs | 4.00 | $5 \times 36 \times 8$ | 125 lbs | 7.25 |

## VAUGHAN'S "GREEN" GRADE.

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

|  | Weight | Per |  |  | Welght |
| :---: | :---: | :---: | :---: | :---: | :---: |$\quad$ Per

## FLORAL DESIGN BOXES.

$\begin{array}{lll}\text { No. } 26 . & 5 & x 23 \times 12,110 \mathrm{lbs} . \\ \text { No. } 27 . & 8 & x 20 \times 20,240 \mathrm{lbs} .\end{array}$
No. 27.
No. 28.
N $1 / 2 \times 29 \times 16,170 \mathrm{lbs}$.
JAPANESE VIOLET BOXES (Fancy Plated Board).
$23 / 861 / 2 \times 33 / 4,15 \mathrm{lbs} \ldots \ldots . .82 .00 \quad 50 \times 59 \times 6,30 \mathrm{lbs}$.
CARNATION BANDS, Rubber. Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about $13,000, \$ 3.00$ postpaid.
CARNATION STAPLE, Pillsbury's. A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire. Price, 1,000 staples, 50 c .

## CARNATION SUPPORT, Common Sense.

The best and simplest Carnation support on the market to date. Has a 24 -inch galvanized stake that will hold 1 to 4 rings. The anchor or foot holds the support erect and firm. The rings are prevented from twisting or sliding by the crimps in the stake. Write for descriptive pamphlet and prices in large quantities. Price: 2 ring supports per $100, \$ 2.00$; per $1,000, \$ 17.00$; 3 ring supports,, per $100, \$ 2.50$; per $1,000, \$ 20.00$.
CLIP, Blake's Lever. A useful little article for fastening stakes to the cross wire. They never slip, and are a great saving in both time and money. Price $\$ 1.50$ per 1,000 . Samples mailed free. SOLID CLOCK DIALS.

In all colors, complete. Each, 4 inches, 30c.; doz. $\$ 3.25 ; 7$ inches, each, 40 c. ; doz. $\$ 4.70$.


CYCAS LEAVES.
12 to 16 inches long
16 to 20
16 to 20
24 to 28
28 to 32
32 to 36
36 to 40
40 to 44

Each S0 07

Doz. 100


## Vaughan's High=Grade Fertilizers

OUR POLICY for the many years during which we have handled Fertilizers has been to supply only the highest grades in each class, omitting cheap and doubtful quali= ties and stocks into which low grade fillers have been worked for the sake of cheapening the price. Prices on Fertilizers are net cash.

Customers ordering Fertilizers of us can depend on receiving the best grade obtainable.

BONE MEAL, Vaughan's Rose Grower
A special brand we have put up for our trade. Free from acid and a superb article. Made from bone accumulated in large slaughter houses, and should not be compared with Bone Meal made from cattle heads and feet gathered on the western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it so it can be ground fine, and is thus quicker in its action, and can be more evenly distributed through the soil. Analysis-Ammonia 41/2 to to $51 / 2$ per cent.: total phosphoric acid, 22 to 25 per cent; total bone phosphate, 48 to 54 per cent.


Price, F. O. B. Chicago: $5 \mathrm{lbs} 25 \mathrm{c}, 10 \mathrm{lbs} 50 \mathrm{c}, 25 \mathrm{lbs} 75 \mathrm{c}, 50 \mathrm{lbs}$ $\$ 1.25,100$ lbs $\$ 2.25,200 \mathrm{lbs} \$ 3,90,500$ 1bs $\$ 9.00,1000 \mathrm{lbs} \$ 17.75$, 2000 lbs $\$ 35.00$.
F. O. B. New York: 25 lbs $85 \mathrm{c}, 50 \mathrm{lbs} \$ 1.45,100 \mathrm{lbs} \$ 2.75,200$ lbs $\$ 5.00,500 \mathrm{lbs} \$ 10.75,1000 \mathrm{lbs} \$ 21.25,2000 \mathrm{lbs} \$ 42.00$.

## BONE MEAL. Regular Grade. A Good Article

Price, F. O. B. Chicago: 25 lbs $60 \mathrm{c}, 501 \mathrm{lbs} \$ 1.00,100$ 1bs $\$ 1.90$, 200 lbs $\$ 3.60,500$ lbs $\$ 8.50,1000 \mathrm{lbs} \$ 16.50,2000$ lbs $\$ 32.50$.
F. O. B. New York: 25 lbs $75 \mathrm{c}, 50$ lbs $\$ 1.25,100$ lbs $\$ 2.35,200$ lbs $\$ 4.25,500$ lbs $\$ 10.00,1000$ lbs $\$ 19.50,2000$ lbs $\$ 33.50$.
BONE FLOUR Same grade of Bone as our "Rose Grower," only ground to a fine white floulr. Vcry quick acting. F.O. B. Chicago: $251 \mathrm{bs} 75 \mathrm{c}, 50 \mathrm{lbs} \$ 1.35,100 \mathrm{lbs} \$ 2.50,500$ lbs $\$ 11.50,1000 \mathrm{lbs}$ $\$ 22.50$. Add 50 c per 100 lbs if shipped from New York.
BONE SHA VINGS Lasting, and especially recommended for use in palm soil and on other plants which are not shifted very often, and where a continuous supply of plant food is required. Price: $5 \mathrm{lbs}, 25 \mathrm{c} ; 10 \mathrm{lbs}, 45 \mathrm{c} ; 25 \mathrm{lbs}, 90 \mathrm{c} ; 100 \mathrm{lbs}, \$ 3.00$.
BONE AND BLOOD Recommended for mixing with potting soil, application to soil on benches for carnations, chrysanthemums, etc. Use one pound to bushel of soil for potting soils; onefourth pound to square yard as top dressing. F. O. B. Chicago: Price: $25 \mathrm{lbs}, 60 \mathrm{c} ; 50 \mathrm{lbs}, \$ 1.00 ; 100 \mathrm{lbs}, \$ 1.85 ; 500 \mathrm{lbs}, \$ 8.75 ; 1,000$ lbs, $\$ 17.00$; $2,000 \mathrm{lbs}, \$ 33.00$. F. O. B. New York: $25 \mathrm{lbs}, 75 \mathrm{c}$; $50 \mathrm{lbs}, \$ 1.20 ; 100 \mathrm{lbs}, \$ 2.25 ; 500 \mathrm{lbs}, \$ 10.75 ; 1,000 \mathrm{lbs}, \$ 20.50$; 2,000 lbs, $\$ 40.00$.

## BONE, BLOOD AND IPOTASH

Excellent for mixing into potting soil or as a top dresstng. For potting soil use about 20 lbs to the cubic yard of soil and for the dressing scatter it about as thick as lawn grass is sown. Excellent for carnations. Can be applied as a liquid manure, using 8 -inch potful to barrel of water. F. O. B. Chicago: Price, 251 bs $75 \mathrm{c}, 50 \mathrm{lbs} \$ 1.35,100 \mathrm{lbs} \$ 2.60,200 \mathrm{lbs} \$ 5.00$. Add 50 c per 100 lbs if shipped from New York.

## DRIED BLOOD

For top dressing for mixing with the soil and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, mums, all kinds of pot plants. Price, F. O. B. Chicago: $5 \mathrm{lbs} 35 \mathrm{c}, 10 \mathrm{lbs} 60 \mathrm{c}, 25 \mathrm{lbs}$ $\$ 1.25,50 \mathrm{lbs} \$ 2.00,100 \mathrm{lbs} \$ 3.85$, $200 \mathrm{lbs} \$ 7.50,500 \mathrm{lbs} \$ 17.50$. F. O. B. NewYork: 5 lbs $40 \mathrm{c}, 10 \mathrm{lbs} 65 \mathrm{c}, 25 \mathrm{lbs} \$ 1.35,100 \mathrm{lbs} \$ 4.35$.

## KANIT, or GERMAN POTASH SALT Contains about 12 per cent potash. $25 \mathrm{lbs} 50 \mathrm{c}, 100 \mathrm{lbs} \$ 1.50,500 \mathrm{lbs} \$ 6.25$. <br> LOBOS PERUVIAN GUANO <br> 5 lhs $35 \mathrm{c}, 10 \mathrm{lbs} 65 \mathrm{c}, 25 \mathrm{lbs} \$ 1.35,100 \mathrm{lbs} \$ 4.50$.

LEAF MOLD AND PEAT FOR POTTING
LEAF MOLD, for ferns, etc.; clean stock, $6 \mathrm{bbls}, 12.00 ; \mathrm{bb} 1, \$ 2.25$.
PEAT. Indiana or Muck Peat. For Azaleas, Rhododendrons, etc.; 3 bbls., $\$ 5.25$; barrel $\$ 2.00$.
Orchid. (Fern roots); best quality. Bbl, \$2.25; 3 bbls . $\$ 6$.

SHEEP MANURE, Vaughan's Pulverized. Pure, dry, finely ground, put up in 100-pound sacks. Our supply is of uniform quality, saved under shelter and not leached. Our customers using it may, therefore, be certain of uniform results. The manure we supply is not adulterated, nor has it lost its strength in any way. (Prices subject to market change.) Price, F. O. B. Chicago: $251 \mathrm{lbs} .50 \mathrm{c}, 50 \mathrm{lbs} .85 \mathrm{c}, 100 \mathrm{lbs} . \$ 1.50$, 500 lbs. $\$ 6.00,1000$ lbs. $\$ 10.00,2000$ lbs. $\$ 18.00$. F. O. B. New York: 25 lbs. $60 \mathrm{c}, 50 \mathrm{lbs} .90 \mathrm{c}, 100 \mathrm{lbs} . \$ 1.85,500 \mathrm{lbs} . \$ 7.50,1000$ 1bs. $\$ 14.00,2000 \mathrm{lbs}$. $\$ 26.00$.
CATTLE MANURE, SHREDDED An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giving it an even quality. The easy way of handling the Manure, not a pound being wasted, makes it cheaper than the rough Manure. Price, F. O. B. Chicago. 100 lbs. $\$ 1.50,500 \mathrm{lbs} . \$ 5.50,1000 \mathrm{lbs} . \$ 9.00$, ton $\$ 16.00$
VAUGHAN'S LAW'N AND GARDEN FERTILIZER Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaply and lasts longer. Contains no weed seeds. Easily applied. Put up in neat packages bags. Price, F. O. B. Chicago: $25 \mathrm{lbs} .85 \mathrm{c}, 50 \mathrm{lbs} . \$ 1.50,100 \mathrm{lbs} . \$ 2.50$. $200 \mathrm{lbs} . \$ 4.50,500 \mathrm{lbs} . \$ 10.00,1000 \mathrm{lbs} . \$ 19.50,2000 \mathrm{lbs} . \$ 38.50$. F. O. B. New York: $25 \mathrm{lbs} .95 \mathrm{c}, 50 \mathrm{lbs} . \$ 1.75,100 \mathrm{lbs} . \$ 2.95,200$ lbs. $\$ 5.50,500 \mathrm{lbs} . \$ 11.75,1000 \mathrm{lbs} . \$ 23.00,2000 \mathrm{lbs} . \$ 45.00$. If put up in 5 and 10 lb . packages, our price per 100 lbs . is $\$ 3.25$.
CLAY'S FERTILIZER This valuable imported manure, especially recommended to all who wish to bring fruits or flowers to highest perfection. Used in potting and as top dressing, $7 \mathrm{lbs} .75 \mathrm{c}, 14$ lbs. $\$ 1.25,28 \mathrm{lbs} . \$ 2.50,56$ lbs. $\$ 4.00,112 \mathrm{lbs} . \$ 7.00$. If shipped from New York $\$ 5.50$.
HORN SHA VINGS From a knife handle factory, fine clean shavings indispensable for use in potting soft plants. Can be used freely, with only beneficial results. Quick acting and lasting. 5 lbs. $40 \mathrm{c}, 10 \mathrm{lbs} .70 \mathrm{c}, 25 \mathrm{lbs} . \$ 1.25,100 \mathrm{lbs} . \$ 4.50$.
NITRATE OF SODA or Chili Saltpeter Not a substitute for other manures, but the cheapest and best form in which to apply Nitrogen to plants. Florists using farm manure should continue to use it, but use Nitrate of Soda in addition, as a liquid at rate of 1 ounce to 2 gallons of water. $10 \mathrm{lbs} .60 \mathrm{c}, 25 \mathrm{lbs} . \$ 1.35$, $100 \mathrm{lbs} . \$ 4.00$, original sack ( 220 lbs .) $\$ 8.00,500 \mathrm{lbs} . \$ 17.50$.
SCOTCH SOOT Genuine (Imported) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 28 1bs. $\$ 1.50,561$ bs. $\$ 2.50$, 112 lbs. $\$ 4.00$.

## SULPHATE OF AMMONIA

Used for its Nitrogen. Very desirable fertilizer for all plants in which large leaf development or rapid growth is desired. 5 lbs . 60 c, 10 lbs. $\$ 1.10,25 \mathrm{lbs} . \$ 1.75,100 \mathrm{lbs} . \$ 6.50$.

## UNLEACHED HARDWOOD ASHES

Pcr $100 \mathrm{lbs} . \$ 1.25,500 \mathrm{lbs} . \$ 5.00,100 \mathrm{lbs} . \$ 9.25$, ton $\$ 18.00$.
MURIATE OF POTASH
$25 \mathrm{lbs} . \$ 1.00,100 \mathrm{lbs} . \$ 3.50,200 \mathrm{lbs} . \$ 6.50,500 \mathrm{lbs} . \$ 15.00$.
SULPHATE OF POTASH
25 lbs. $\$ 1.10,50 \mathrm{lbs} . \$ 2.00,100 \mathrm{lbs} . \$ 3.75,200 \mathrm{lbs} . \$ 7.00,500$ lbs. \$16.50.
Vaughan's CONCENTRATED FL.OWER FOOD
Handsome packages, with lithographed labels and direc tions for using. Is one of the best selling acticles a florist can have in his store. F.o.b. Chicago only: $1 / 4-1 \mathrm{~b}$. packpackage, each $20 \mathrm{c} ;$ doz., $\$ 2.00$; box, 2 doz., $\$ 3.75$.

BOWKER'S PLANT FOOD
$1 / 2$-Ib. package, each, 12 c ; doz., $\$ 1.25$; box, 2 doz.


1-lb. package, each 20c; doz., $\$ 2.15$; kox, 2 doz., $\$ 4.10$

# Glazing Tools, Materials and Paints 

ALL THE BEST MATERIALS
FOR GREENHOUSE USE


The use of "Mastica" avoids the necessity of repeatedly rcglazing the houses, saving much time and expense. With "Mastica" can bed in or use outside with a machine. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., $\$ 1.35 ; 5$ gals., $\$ 6.35 ; 10$ gals., $\$ 12.15 ; 22$ gals., $\$ 25.25$.
GLAZING PUTTY-Twemlow's Old English
By using this putty greenhouses can be glazed in half the time and for less money than if ordinary putty is used. It will take five gallons to glaze a house 100 s 20 feet at a cost of $\$ 8.00$. 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., $\$ 1.65 ; 5$ gals., $\$ 8.00 ; 10$ gals., $\$ 16.00 ; 25$ gals., $\$ 38.75$.
PUTTY BULB-Scollay
A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each $85 \mathrm{c} ; 3$ for $\$ 2.45$; doz., $\$ 9.00$. If by mail, add 10c each for postage.
MASTICA MACHINE-Each, $\$ 1.25 ; 5$ for $\$ 5.65$.

## 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.
Extra Quality Birds. Each, \$1.35; 6 for $\$ 7.50$; doz., $\$ 14.50$.
First Quality Birds. Perfect in every way; on stands. Each $\$ 1.15 ; 6$ for $\$ 6.00$; 8 or more at rate of $\$ 11.50$ per dozen.


DUSTER-Leggett's Little Giant The best dry powder gun; can dust two rows at a time. Each, \$5.50. JUMBO POWDER GUN CYCLONE, small size LOWELL DUSTER. Each


## FLOWER COLOR, PINK WONDER

With this new discovery, Asters, Carnations, Chrysanthemums, Roses, Sweet Peas, and mostly all white flowers can be instantly changed to pink without destroying any of the fragrance or lasting qualities of the flower; directions given on each bottle. One bottle contains enough material to color 2,000 Carnations. Price, $\$ 1.00$ per bottle.

## FLOWER GATHERER. Nickle-plated

FUMIGATORS, Eureka. Made of galvanized iron.


GARDEN LINE. Per $100 \mathrm{ft} ., 50 \mathrm{c} ;$ by mail, $60 \mathrm{c} ; 1,000$ feet, $\$ 4.50$. GARDEN LINE REEL.

GLAZING POINTS, Vaughan's Perfection

## No Rights or Lefts

No. 2. Large single thick glass.
No. $21 / 2$. Double thick, for greenhouses and skylights.
Price, per box of $1,000,55 \mathrm{c}$; by mail, 70 c ; in lots of 5,000 , by express, 50 c per 1,000 .
Pincers or pliers for same, 50 c ; postpaia, 65 c .

VAUGHAN'S
PRRFECTION
HIIE
$2 \frac{1}{2}$ SIZEI
POTNT
SIEBERT'S IMPROVED
Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, $5 / 8$ and $7 / 8$-inch long, put up in 1 pound packages. Over 1,500
 points in $1-\mathrm{lb}$. pkg. of $5 / 8$; over 1,000 points in $1-\mathrm{lb}$. pkg. of $7 / 8$. Price: Per lb., $40 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 1.85 ; 20 \mathrm{lbs} ., \$ 7.00$.

## CLAMP, Peerless Repair

Simple device for repairing broken greenhouse glass. Easily adjusted from inside
 of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, $\$ 1.00$.
DIAMOND GLASS CUTTER. With guide wheel. Each, $\$ 4.50$ GLASS CUTTER AND GLAZING TOOL. Doz., 60c; each, 7c. PUTTY KNIFE. No. 120. A very good tool. Each, 25c; 3 for 65c.
PAINT, Hammond's Greenhouse White
This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., $\$ 1.90 ; 2$ gals., $\$ 3.75 ; 3$ gals., $\$ 5.65 ; 5$ gals., $\$ 9.15 ; 10$ gals., $\$ 18.30$.
HAMMOND'S GREEN, Mount Beacon. Specially prepared for shading greenhouses. Per gal., $\$ 1.65 ; 5$ gals., $\$ 8.00$.

GRAFTING WAX. Per $1 / 4-\mathrm{lb}$. bar, 12c; $1 / 2-\mathrm{lb}$. bar, $20 \mathrm{c} ; 1-\mathrm{lb} ., 35 \mathrm{c}-$ If by mail add 16 c per pound.

## HYACINTH GLASSES

Tall American, in four distinct colors. $\$ 1.45$ per dozen; 3 dozen, $\$ 4.00$.
Tye Shape. These are preferred by some to the ordinary tall. Per doz., $\$ 1.45$; 3 dozen for $\$ 4.00$.


## LETTERS AND FIGURES

## IMMORTELLE LETTERING. Purple.

 Per 4 -yard pkg. $90 \mathrm{c} ; 6$ pkgs. $\$ 5.00$. IMMORTELLE LETTERS AND FIGURES. $11 / 2$ or 2 inches in length, 3 c each; $100, \$ 2.50$. BOSTON FLORIST'S. Patent fasteners with each letter, $11 / 2$ and 2 inches, per 100, $\$ 2.00$. 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 3c.

FELT LETTERS. Purple. For pasting on ribbon of any kind. Used when letters of other makes are not available. 1-inch, per $100,75 \mathrm{c}$; in less than 100 lots, 1 c per letter.
GILT RIBBON LETTERS. Gummed, easily applied. One-in. size, per $100, \$ 1.00 ; 3 / 4$-in., per $100,75 \mathrm{c} ; 1 / 2$-in., per $100,50 \mathrm{c}$.
CHENILLE LETTERING. Silk-Purple, scarlet, pink, light blue,
yellow and white, at 75 c per pkg. of 12 yds ; $\$ 7.50$ per doz. pkgs.
Worsted, Large-Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 30 c ; per gross, $\$ 2.25$.
Worsted, Small-Same colors, 12 yards, 25c; gross, $\$ 2.00$.
Twisted Chenille, Large-Any color, 12 yds, 30 c; gross, $\$ 2.25$.

## 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 reels of 500 feet: order exact number of feet you require. We can cut in any length.

Guarantee-We guaratee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse.

Price $3 / 4$ or $1 / 2$ inch; couplings free; sample mailed free if desired.

1 to 24 feet.................19c per ft. 25 to 49 feet....................18c per ft.

50 to 99 feet. 100 to 400 feet.

## HOSE COUPLER, The "Snap"

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

No. 1

No. 2

No. 3

No. 4


No. 1—Screws onto hydrant or old threaded coupling; use with No. 2 or 4 in connecting hose. Each, 20c; doz., \$2.00.

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 or No. 5. Can also be screwed into old threaded coupling. Each, 15c; doz., $\$ 1.50$.

No. 3-Gooseneck, screws into the old threaded coupling. Most useful at the hydrant. Each, 15c; doz., $\$ 1.25$.

No. 4-Corrugated, for insertion directly in the hose. Use with No. 5 for connecting hose. Each, 12c; doz., $\$ 1.00$.

No. 5-Corrugated, for insertion in the hose. Use with No. 4 for connecting hose. Each, 20 c ; doz., $\$ 2.25$.

Common-For $1 / 2$ or $3 / 4$-in. hose. Each, 10c; doz.. \$1.00. 1-in. Each, 15 c ; doz., $\$ 1.50$.

## HOSE MENDER, The Cooper.



It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. Price: For $1 / 2$ or $3 / 4$ inch hose, each, 8 c ; 4 for 25 c ; doz., 75 c ; by mail, 90 c . 1 -inch hose, each, 10 c ; dozen, $\$ 1.00$.
HOSE MENDERS, Iron-3/4-in. Each, 5c; doz.. 45c; gross, $\$ 4.00$.


## HOSE NOZZLE

"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 coarser effective sprays. Florists like it. Price, $\$ 2.50$.

(4) to steam. Each. 50 c ,

Boston Rose Spray-Brass. $3 / 4$-inch hose. State whether coarse or fine spray is wanted. Each, 50 c ; by mail, 60c.


Bordeaux Spray Nozzle-For spraying insecticides and whitewashing; $1 / 2$-inch hose, Each 75c; by mail. 80c.
Vermorel Spray Nozzle-For spraying insecticides and whitewashing. For $1 / 2$-inch hose, Each, 75 c ; by mail, 80c.
The Wittbold-Spray fan shaped; can
be changed instantly into heavy stream or fine mist by moving a side controlled by the hand that holds the hose. Also used as Lawn or Garden Sprinkler. Each, \$1.00.
HOSE STRAPS. Caldwell-Nos. 4, 6 and 8. Doz., 15 c .
HOSE WASHE: 2 S- $3 / 4$-inch. Doz., 5 c ; gross, 50 c .
HOSE REDUCERS-For connecting two lengths of hose of defferent diameter, 1 inch to $3 / 4$ inch. Each, 30c; doz., $\$ 3.25$. $3 / 4$ inch to $1 / 2$ inch, each, 18 c ; doz., $\$ 1.75$.
HOSE CLAMPS, with nut and bolt-For $3 / 4$-inch hose. Each, 7c; doz., 65c.

## FLORISTS' KNIVES

Sheffield English Knives are standard the world over. The following have been made specially for our trade. Try them and you will use no other.

Budding, Ivory Handle, No. $112 \ldots . . . . . . . \begin{array}{cccc}\text { Each } & 75 & 3 \text { for } & \\ \$ 2 & 10 & \$ 750\end{array}$ Budding, Ivory Handle, sheep foot blade, No.
$1121 / 2$.
Budding, Ivory Handle, 2 blades, No. $1661 / 2$. $150 \begin{array}{llll}5 & 25 & 15 & 00\end{array}$
Budding, Ivory Handle, buff edged blade, No.
186.
$100 \quad 285 \quad 1000$


Budding, Ivory Handle, No. 109

## Budding, Ivory Handle, No. 107

110
300

Pruning, Imitation Stag Handle, No. 052.
65
135
Pruning, Genuine Stag Handle, No. $017 \ldots .$. .
Pruning, Genuine Stag handle, 3 blades, No. 267 Pruning, Genuine Stag Handle, 2 blades, No.

Each 3 for Doz.
$2671 / 2$.
110
10
300

Asparagus-American straight cut.
Each
American Concave. \$0 35

Budding (715B)—imported, black handle, ivory tip.......... 90
English Saynor (400)-Ivory handle......................... . . 135
Vaughan's German (7161)—Ivory handle. Per doz., \$14.00. 125
Propagating-English Saynor (401)—Ivory handle....... 135
Vaughan's German (7131)—Ivory handle. Per doz., \$14.00. 125
English (728W)—Vaughan's extra strong.................... . . 135
Vaughan's Florist—3 for $\$ 2.10$; 12 for $\$ 8.00$. ................. . 75
English Style (727W)-White handle, brass caps, twobladed (budding and propagating).
Beech handle, budding, with stationary blade. Per doz., \$2.50. 25
Potato Knife-Stationary blade, beech handle, right or left handed.
Pruning-English Stag handle, No. $8121 / 2 \ldots$. . . . . . . . . . . . . . . . 125
Nurseryman's Heavy Pruner, No. 3C . . . . . . . . . . . . . . . . . . . . 100
German, extra strong, No. 2C......... . . . . . . . . . . . . . . . . . . . 85

Two-bladed, Stag handle, with prunning and budding blade. 125

Putty Knife-No. 120, a very good tool; 3 for 65 cents...... 25

NIKOTEEN. Use same as Nicoticide, $1 / 4$ pt., 40c; $1 / 2$ pt., 75 c ; pt., $\$ 1.50 ; 3$ pts., $\$ 4.25$. Per original case, 10 pts., $\$ 13.00$.
TO-BAK-INE. High strength Nicotine preparation. 1 pt., $\$ 2.50$; $1 / 2$ gal., $\$ 9.00$; 1 gal., $\$ 17.50$.
APHINE. 1 pt., $65 \mathrm{c} ; 1$ qt., $\$ 1.00 ; 1$ gal., $\$ 2.50$

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine, $1 / 4 \mathrm{lb} .60 \mathrm{c}$;
1 lb . $\$ 2.00 ; 4$ lbs., $\$ 7.00 ; 8 \mathrm{lbs} . \$ 13.50$.
'NICO-FUME." A tobacco Paper for Fumigating. Strips of Paper strongly saturated with Nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft long by 20 ft . wide. Price 24 sheets $\$ 1.00 ; 144$ sheets,
$\$ 4.50,288$ sheets, $\$ 8.50$.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only, directions must be followed carefully: $1 / 2 \mathrm{lb}$., can 85 c , makes 40 to 100 gallons; $21 / 2 \mathrm{lb}$., can, $\$ 3.25$, makes 200 to 500 gallons; $101 / 2 \mathrm{lb}$., can, $\$ 12.50$, makes 840 to 2100 gallons.

ANT EXTERMINATOR. A non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. Per box 25 c; by mail 35 c ; smaller size 15 c .

APHIS PUNK. Special preparation of nicotine for killing insects. Per pkg., 12 sheets, $60 \mathrm{c} ; 1$ case, 12 pkgs., $\$ 6.50$.

ARSENATE OF LEAD. The latest and best known insecticide for all leaf eating insects It adheres to the foliage for weeks, thus doing away with repeated re-sprayings. There is absolutely no danger of burning or scorching the leaves. Lb., 25c; 5 lbs., $\$ 1.00 ; 25$ lbs., $\$ 3.75 ; 100$ lbs., $\$ 14.00$.
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., 25c; postpaid, 40c; 5 lbs., $\$ 1.00 ; 28-\mathrm{lb}$. kegs, $\$ 4.50$.

BORDEAUX MIXTURE. (Liquid.) Ready for use by simply adding water. 1 gallon will make 50 gallons liquid. 1 qt., 40c; 1 gal., $\$ 1.00 ; 5$ gals., $\$ 4.50$.

FISH-OIL SOAP, Commonly known as Whale-oil. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 18c; 2 lbs., 30c; 5 lbs., 65c.

FIR TREE OIL SOAP. For thrip, red spider, black and green fly, mealy bugs, worms, slugs. Per $1 / 2-\mathrm{lb}$. tin, 25 c ; by mail, 35 c ; 2-lb. tin, 75 c .

FIR TREE OIL. Fine spray for greenhouse and house plants affected with mealy bug, scale, red spider, black and green aphis, thrip, lice, worms and slugs. Small bottle 25 c ; $1 / 2 \mathrm{pt}$., 40 c ; pt., 75 c ; qt., $\$ 1.25$; gal., $\$ 4.00$.
FLOWERS OF SULPHUR. Lb., 8c; 10 lbs., 60c; $50 \mathrm{lbs} ., \$ 2.00$; 100 lbs., $\$ 3.90$.
FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. 1 qt., 75c; 1 gal., $\$ 2.00$.
GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. Per lb., 10c; $5 \mathrm{lbs} ., 35 \mathrm{c} ; 10 \mathrm{lbs} ., 50 \mathrm{c}$.
HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per lb., 30c; 5 lbs., $\$ 1.35$; 10 lbs., $\$ 2.50$.
HORICUM. Sulphur, Lime, Salt, etc., in such proportions as make a most powerful and effectual form for use as apreventive and cure for San Jose scale. Per qt., 35c; per gal., $\$ 1.00 ; 5$ gals., $\$ 4.50$.

KEROSENE EMULSION. One of the best insecticides for all softbodied sucking insects, feeding openly so as to be within reach of actual contact, such as plant lice, flea, beetles, aphis, green fly, mealy bug; also for insects on fruit trees, including San Jose scale. Per 1 -quart can, 40 c ; 1 gal., $\$ 1.00 ; 5$-gallon can, $\$ 4.50$.

## MASTICA. (See under Glazing Materials.)

MATCH-STICKS. Either natural wood or dyed green. 5-inch, 50c; 12 -inch, $85 \mathrm{c} ; 18$-inch, $\$ 1.25$ per 1000.
MATTING, PORTO RICO. These artistic mattings used for decorating all blooming plants.
Solid Colors, each, 20c; per doz., $\$ 1.80$.

LEMON OIL. Destroys mealy bug, scale, thrip, red spider, etc. $1 / 2 \mathrm{pt},. 25 \mathrm{c} ;$ pt., 40 c ; qt., 75 c c; $1 / 2$ gal., $\$ 1.25$; gal., $\$ 2.00 ; 5$ gals.,
$\$ 9.00$. $\$ 9.00$.
NICOTICIDE. Fumigating compound for killing all kinds of insects on plants in greenhouses and frames. 4 oz., $70 \mathrm{c} ; 1 / 2 \mathrm{pt}$., $\$ 1.25$; 1 pt., $\$ 2.50$; qt., $\$ 4.50 ; 1 / 2$ gal., $\$ 8.25$; gallon, $\$ 15.00$.
Fumigators for above, each, 50 c .
PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. When applied as a powder use one part Paris Green to 100 parts plaster or flour. As a liquid one pound of Paris Green in 150 to 300 gallons water; if used on fruit trees; add one pound quick-lime, $1 / 2 \mathrm{lb}$., $18 \mathrm{c} \cdot$ per $\mathrm{lb} ., 30 \mathrm{c} ; 5$. lbs., $\$ 1.40$, 14 lbs., $\$ 3.65$.
PYROX. Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage, vegetables, fruits and shrubs.
Price, 1b., $25 \mathrm{c} ; 5$ lbs., $\$ 1.00 ; 10$ lbs., $\$ 1.75 ; 25$ lbs., $\$ 4.00 ; 50 \mathrm{lbs}$., 7.50; 100 lbs., $\$ 13.50$.

SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and eggs plants, currant worms, cabbage lice and worms. Price, $1 \mathrm{lb} .15 \mathrm{c} ; 5 \mathrm{lb}$. package, $40 \mathrm{c} ; 25$ to 50 lbs., at 5 c per lb. 100 lb ., $\$ 4.75$; by barrelful, in bulk, 250 lbs., $\$ 11.50$ on cars.
SLUG SHOT DUSTER. Large size, 35 c each.
SOLUTION OF COPPER. For use on trees, vines, or vegetables affected with rot, blight or scab. Per pt., $35 \mathrm{c} ; \mathrm{qt}$., 60 c ; gal., \$1.75.
SULPHO TOBACCO SOAP. One of the best remedies for green fly on roses. Per $1 / 2-\mathrm{lb}$. box, 20c; by mail, 25c. Doz., $\$ 2.00$; 2 -oz. package, each, 8 c ; doz., 85 c . A splendid article for retailing; sells at 10 c and 25 c per package.
THRIP JUICE. Destructive for mealy bug, scale, thrip, codling moth, canker worm, beetles, caterpillars, etc. Per pt., 65 c .
TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply.


TOBACCO DUST, (Fumigating and Dusting). Fine dark powder of high strength and will do the work. 5 lbs ., 25c; 10 lbs., 50c; $100 \mathrm{lbs} ., \$ 3.50$.
TOBACCO DUST, Regular Grade. 5 lbs., 20c; $10 \mathrm{lbs} ., 35 \mathrm{c} ; 100$ lbs,, $\$ 5.50$.
X. L. ALL-LIQUID INSECTI IIDE. English preparation purely nicotine. A spray for which fly, mealy bug, red spider, etc. Price, $1 / 2$ gal., $\$ 2.25 ; 1$ gal., $\$ 4.00$.

## MOLE TRAPS, Out O'Sight, 85c.

MATS. Burlap-lined, waste wool and cotton, quilted, size A, $40 \times 76$ inches, $\$ 1.00$ each; doz., $\$ 10.00$; size $B, 76 \times 76$ inches, $\$ 1.50$ each; doz., $\$ 15.00$. Duck, same as above, waterproofed duck on one side, size C, $40 \times 76$ inches, $\$ 1.40$ each; per doz., $\$ 15.00$; size D, $76 \times 76$ inches, $\$ 2.00$; per doz., $\$ 20.00$.
Rattan, Singapore Fibre, 6 ft. 2 in., by 6 ft., ea., $\$ 2.40 ; 6, \$ 13.50$


## LABELS, POT AND TREE

We carry the best quality of Wooden Labels made in this country. They are smooth, strong and neat. POT LABELS. In lots of 5,000 we allow a discount of 5 per cent.

Per 1000
Plain. Painted Wooden, 4-in., plain, $10,000, \$ 5.00 \$ 0.55$


## TREE LABELS.



## COPPER LABELS.

Wired, indestructible. Per 100, $\$ 1.25$; larger size, per $100, \$ 1.50$; (See under " p " for Indelible Pencil).

## ALUMINUM TREE LABELS.

For an enduring label these are unsurpassed. They last for many years. The writing which is done with an ordinary lead pencil gets plainer with age. They are wired and measure $33 / 4$
inches long, 1 in . wide. Price, per $100, \$ 2.00 ; 1000$ for $\$ 18.00$.
PAMPAS PLUMES Natural. 30 to 36 -in. $-1000, \$ 25.00 ; 250$,
$\$ 7.00 ; 100, \$ 3.00$; doz., $75 \mathrm{c} ; 24$ to $29 \mathrm{in}-1000, \$ 20.00 ; 250$,
$\$ 5.50 ; 100, \$ 2.50$; doz., 50 c .
PAPER. Manilla Tissue. Regular grade, $24 \times 36$ inches, ream ( 400 sheets), $60 \mathrm{c} ; 10$ reams ( 4000 sheets), $\$ 5.00$.
American Beauty Tissue. $24 \times 36$ inches, ream ( 400 sheets), $65 \mathrm{c} ; 10$ reams ( 4000 sheets), $\$ 5.50$.
Florist's Pure White Tissue. $24 \times 36$ inches, 4000 sheets, $\$ 10.50 ; 2000$ sheets, $\$ 5.50 ; 400$ sheets, $\$ 1.20$.
Waxed Manilla. $24 \times 36$ inches, thin, 400 sheets, $\$ 1.40$.
White Wax. Medium, $24 \times 36$ inches; 400 sheets, $\$ 1.50$.
Green Wax. Beautiful shade light green, 24x36 in.; 400 sheets, $\$ 1.75$.
White Wax. On rolls; best quality paper. Three sizes: 18 in ., approx. wgt., 45 lbs. 24 in., approx. wgt., 50 lbs. 30 in., approx. wgt., 60 lbs . Price, per lb., 15 c .
Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 25 c ; 12 rolls, $\$ 2.50$.
Crepe Paper, Two-Tone. Assorted shades. Per roll, 25c; doz. rolls, $\$ 2.50$.
CREPE PAPER "POT COVERS." Rubber bands running through them for adjustment on the pot; are without bottom.

| No. 1-To cover 5 or 6-in. pot | \$0.75 |
| :---: | :---: |
| No. 2-To cover 6 or 7 -in. pot | 1.00 |
|  |  |

No. 4-To cover 10-in. pot.............................. . . . 1.50
\$ 5.00
$\$ 5.00$
7.00
9.00
11.00

## Prepared Leaves,

 Sprays and MossesIMMORTELLES. If shipped from New York we will allow $\$ 1.00$ per full case of 125 bunches.
Colored White, Purple, Bright Scarlet, Pink, Blue, Green; bunch 40c; doz., $\$ 4.25$; 50 bunches, $\$ 17.00$; (case lots, 125 bunches) $\$ 33.00$ per 100 bunches,
Natural (Yellow), bunch, 35c; doz., $\$ 4.00$; 50 bunches, $\$ 17.00$; case lots, 125 bunches, $\$ 33.00$ per 100 bunches.
MAGNOLIA. Bronze, Green, Purple and Red. Most popular leaf ever introduced for wreaths, etc. Will keep indefinitely, and adapted to all weather conditions. Price: Any color, per basket, $\$ 1.50$.
OAK SPRAYS, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Dark Red, Green and Leather Brown, from selected oak branches, Per lb., 50 c ; 10 lbs ., $\$ 4.50$.
MOSS WREATHS. Bright green; good sellers. 10 in , doz., $\$ 1.25$; $100, \$ 8.50 ; 12$ in., doz., $\$ 1.50 ; 100, \$ 10.00 ; 14$ in., doz., $\$ 1.75$; 100, $\$ 11.50$.
MOSS. French Green. Large square pkgs. Pkg., 10c; doz., 75c, 100, $\$ 5.00$.

## CANE STAKES. <br> PLANT STAKES

Standard Grade. These run from 6 to 8 feet in length and weigh about 170 to 180 pounds per 1000. Price (if shipped from Chicago), per $100,70 \mathrm{c} ; 500$ for $\$ 2.85$; per $1000, \$ 5.25$. (If shipped from New York), per 100, $\$ 1.15 ; 500$ for $\$ 3.40$. per 1000, $\$ 6.35$. Special price on larger lots on application.
Heavy Grade. For special work, Dahlias, etc., 9 to 12 feet. weight about 250 pounds per 1000. Price (in Chicago only), per $100, \$ 1.75 ; 500$ for $\$ 7.00 ; 1000, \$ 12.50$.
Japanese Bamboo. Light, strong and more durable than ordinary canes. Fine for staking lilies. Price (if shipped from Chicago), per 100, 65 c ; per $1000, \$ 5.25$; per $5000, \$ 24.00$. If shipped from New York), per 100, 60c; per 1000, $\$ 4.75$; per 5000, \$22.00.
Green Painted Japanese Bamboo. Neat, strong and durable; best stake on market for pot plants. Painted green they can be used for the most critical trade.


Pipe Stems, 4 to 6 ft . long, weight, per 1000, 54 lbs . F. O. B., Chicago, 100 for 60 c ; $500, \$ 2.00$; $1000, \$ 3.50$.
Wooden, Green. Handsome and convenient for Gladiolus, etc.

|  | Per 100. $\$ 1.00$ |  | Per 100 |
| :---: | :---: | :---: | :---: |
| Light, 2 feet | \$1.75 | Light, 5 feet | 5. 60 |
| Light, 21/2 feet. | 2. 50 | Heavy, 3 feet | 5.50 |
| Light, 3 feet. | 3.50 | Heavy, 4 feet | 7.00 |
| Light, $31 / 2$ feet. | 4.15 | Heavy, 5 feet | 8.50 |

Galvanized Steel Wire. Prices subject to change without notice. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible.

| No. 9 Wire | 100 | 1000 | No. 8 Wire | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 11/2 feet | \$0.35 | \$3.00 | 31/2 feet | \$1.00 | \$7.80 |
| 2 feet | . 45 | 4.00 | 4 feet | 1.15 | 9.50 |
| 21/2 feet | . 60 | 5.00 | 5 feet | 1.25 | 11.25 |
| 3 feet. | . 75 | 6.00 | 6 feet | 1.80 | 17.00 |

## PLANT BED CLOTH

A substantial substitute for glass and, being light, can be easily and
 safely shipped.
Medium. 20 yds . and up, per yd., 12c; 60 yds . and up, yd., 11c. Heavy. 20 yds. and up, per yd., 18c; 60 yds. and up, yd., 17c; We do not sell less than 20 yards of a kind; it comes in 40 and 60 -yard lengths. Samples on application.
ROLLING STANDS. Made of wood fibre for heavy plants. Mounted on casters.

 POT HANGER, KRAMER'S. Only practical device for converting baskets. Fit all standard made pots from 2 to 10 inch. Price, with wire chaing, $\$ 1.25$ per doz., by express. Sample doz., by mail, $\$ 1.50$.

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

## Taffeta, Heavy Grade Brilliant

No. 12, width 2 in. $\$ 0.80$
No. 16, width $21 / 4$ in. .95
No. 22, width $23 / 4 \mathrm{in}$. 1.10
No. 40, width 3 in. 1.25
No. 60 , width $35 / 8$ in. 1.45
No. 80, width 4 in. 1.75
No. 80, width 4 No. 80, width 4 in. 1.75
Narrow Gauze Ribbon. Suitable for Plant Decorations, Bridal Sprays, etc.; all colors. No. 2, 30c, bolt of 10 yards. No. 3, 40 c, Sprays, etc.; all colors. No. 2, 30c, bolt of 10 yards. No. $3,40 \mathrm{c}$,
bolt of 10 yards. No. $5,45 \mathrm{c}$, bolt of 10 yards.

## NEPONSET PAPER FLOWER POTS

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

Satin Taffeta, All Silk
No. 12 , width 178 in. $\$ 1.00$
No. 16, width $2 \frac{1}{4}$ in. 1.10 No. 22, width $23 / 4$ in. 1.15 No. 40 , width 3 in. 1.35 No. 60 , width $35 / 8 \mathrm{in}$. 1.60 $\begin{array}{lll}\text { No. } 60 \text {, width } 35 / 8 \text { in. } & 1.60 \\ \text { No. } 80 \text {, width } 4 & \text { in. } & 1.75\end{array}$


Per 1000, Per 1000, Original

| Size, inch | $\begin{aligned} & \text { Per } \\ & 100 \end{aligned}$ | Per 1000, f. o. b. New York | Per 1000, f. o. b. Chicago | Original crates hold | Gross wt. <br> of 1000 <br> pots about |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $21 / 4$ | . $\$ 0.30$ | \$ 2.20 | \$ 2.42 . | 1000. | 12 lbs . |
| $21 / 2$ | . 35 | 2.40 | 2.78 | 1000. | 17 lbs. |
| 3 | . 50 | 3.70 | 3.82 . | 1000 | 23-1bs. |
| $31 / 2$ | . 60 | 5.15 | 5.24 | 1000. | 35 lbs . |
|  | . 85 | 6.40 | 6.60 | 500 | 46 lbs . |
| 5 | 1.20 | 10.25 | 10.96 | 500 | 80 lbs. |
| 6 | 1.65 | 14.35 | 14.68 | 500. | 110 lbs . |

## FLOWER POTS, Standard White Clay

## On orders for less than $\$ 10.00$ we charge for cartage



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

We ship in original crates which we prefer not to break. When ordering from Chicago be sure to state if Red or White Pots are wanted, as otherwise we send White.

No. of Pots
in crate


## FLOWER POTS, Standard Red At Ncw York.



Chiffon, all shades. In bolts of 30 to 40 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 3c; 6-inch per yard, $4 \mathrm{c} ; 10$-inch, per yard, $6 \frac{1}{2} \mathrm{c}$.
Valley Pattern Chiffon. Pink and white, 6 -inch, per yard 7 c .
Dotted Chiffon, all shades. In bolts of 30 to 40 yards. Sold only in original bolts. 4 -inch, per yard, $41 / 2 \mathrm{c}$; 6 -inch, per yard, 6 c ; $10-1$ nch, per yard, 9 c .
No. 1 Baby Ribbon. Any color. Spool of 50 yards 35 c ; per doz. $\$ 400$.

## RAFFIA. Prices Subject to market fluctuations.

Natural, Regular Grsde, f.o.b. Chicago; lb. 20c: 10 lhs., $\$ 1.50$; 100 lbs .. $\$ 11.00$ : full bale lots, per $100 \mathrm{lhs} ., \$ 9.50$ : shipped from New York, 50 c per 100
Natural, Florists' Grade, f.o.b. Chicago; lb. 25c: 10 Ihs. $\$ 1$ 80: 100 lhs . $\$ 14.00$ : fu!l bale lots, per $100 \mathrm{lhs} ., \$ 10.50$. Shipped from New York, 50 c per 100 lbs. less.

## REEDS

Size, No. 1, in 1 lb . lots Size, No. 2, in 1 lh . lots Size, No. 3, in $1 \mathrm{lh} . \operatorname{lots}$. Size, No. 4 , in 1 lh . lots. Size, No. 5, in 1 lh . lots. Size, No. 6, in 1 lb . lots. size, No. 6, in 1 ib . lots. Flat Reed, 40c. per lh.

$$
\begin{aligned}
& \text { Per lb. } \\
& .80 .65 \text { In } 5 \mathrm{lb} . \text { lots } \\
& . \text { In } 5 \mathrm{lh} . \operatorname{lots} \\
& .50 \text { In } 5 \mathrm{lh} . \operatorname{lots} \\
& . .45 \\
& .43 \text { In } 5 \mathrm{lh} . \operatorname{lots} \\
& . \text { In } 5 \mathrm{lb} \text { lots } \\
& . .35 \\
& . \text { In } 5 \mathrm{lb} . \operatorname{lots} \\
& . \text { In } 5 \mathrm{lh} . \operatorname{lots}
\end{aligned}
$$

Per lb
. $\$ 060$

PENCILS Indelible. For marking labels. Ea, 10c; doz., \$1.00.
PINS. Florist. Indispensable. Glass heads in hlack and white, put up in hoxes of 100 , assorted or all of one kind.
$\begin{array}{cccccccc}\$ 0.50 & \$ 0.75 & \$ 1.00 & \$ 1.25 & \$ 1.50 & \$ 1.75 & \$ 2.00 & \text { per } 1,000\end{array}$
PINS, GREENING Adapted for pinning on galax leaves, dagger or fancy ferns sheet moss, etc. $\$ 1.50$ per box of ahout 11,000 .

## SASH, Hot Bed, Ungalzed.

The prices we quote are for sash made of cypress.
Sash, 3 feet by 6 feet, for 3 rows of 10 -inch glass. Each $\$ 1.45$; 3 for $\$ 4.30 ; 12$ for $\$ 17.00$.
Sash, 3 feet 2 inches by 6 feet, for 4 rows of 8 -inch glass. Each $\$ 1.55 ; 3$ for $\$ 4.55 ; 12$ for $\$ 18.00$.

## SAWS, Double-Edged Pruning,

$$
16 \text {-inch, } 75 \mathrm{c} ; 18 \text {-inch, } 85 \mathrm{c} ; 20 \text {-inch, } \$ 1.00 \text {. }
$$

Vaughan's Perfection Pruning.
Made of the hest steel with ad-
justahle hlade, so any hranch
can he easily removed close to
trunk of the tree. Can be used
as a hand saw or fastened to for $\$ 3.90$. Extra blades, 25 c.
SHEARS, German Pruning. Sizes, $41 / 2,51 / 2$ and $61 / 2$ nickle plated: the others bright steel. $41 / 2$ in. $90 \mathrm{c} ; 51 / 2$ in. $\$ 1.00 ; 61 / 2 \mathrm{in}$. $\$ 1.10$; $71 / 2$ in. $\$ 1.15 ; 81 / 2 \mathrm{in} . \$ 1.35 ; 91 / 2 \mathrm{in}$. $\$ 1.50$. Extra springs, each 15 c Levin's Improved. Most powerful shears made. Each, 50c. California Pruning Shears. Our best grade, extra strong with double brass springs, $81 / 2$ inch, each $\$ 1.65$.
Grass Shears. Flat, on two wheels; long handle. Each, $\$ 2.75$ c. Border. Long handle, 9 inch, $\$ 2.25$; with wheel, $\$ 2.50$.
Grass. With thumb guard, for trimming around beds. Each 35 c.
Sheep Shears, allsteel. Large, $61 / 2 \mathrm{in}$., $\$ 1.25$
Hedge. Best imported. 8 inch, $\$ 1.25$; notched, $\$ 1.40$; 9 inch, $\$ 1.50$; notched, $\$ 1.65 ; 10$ inch, $\$ 1.75$; notched, $\$ 2.00$.
Buckeye Pruner. 20 inch handle, $\$ 1.50 ; 26$ inch handle, $\$ 1.75$. Clyde Draw-Cut Pruner. 24 inch handle, $\$ 2.25$.
Improved Wire. For cutting annealed wire. Each, 85 c ; 3 f 2 r $\$ 2.40$.

## SICKLE.

Grass Hook. English riveted back• Each, 50c.

## 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, $\$ \mathbf{1 5 . 0 0}$
No. 2 Machine. Total height, 46 inches; size of roll, $6 \times 42$; suitable for iarge establishment. Each, $\$ \mathbf{2 0 . 0 0}$.


# FLORISTS CLEAN SPHAGNUM 

FLORISTS and others acquainted with the Sphagnum Moss conditions are well aware that most of the Sphagnum swamps in the Wisconsin district lave been worked out, those parts remaining containing mainly only old deposits full of sticks, weeds and grass. We have succeeded in opening a large new swamp. This moss is bright, clean, new growth, free from brush, grass, or old moss long dead and ready to crumble to pieces.

We put up this Moss in full size bales, covered with new burlap. Continuous rains have kept the marshes filled with water, making extra expense to get moss out and to dry it, besides which burlap has nearly doubled in price. While these conditions add to the cost, the Quality we are supplying gives the customer a value for his money equal to the old rates.

WIRED BALES. Single bales $\$ 1.25$; five bales for $\$ 5.00 ; 10$ bales, $\$ 9.50$. Write for prices on ton or carload lots. F. O. B. Chicago only. SHEET MOSS. Thin, for windows and baskets. Sack, $\$ 1.50$.

## SPRAY PUMPS

Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses; fitted with a-Bordeaux nozzle, and can be changed from a solid stream to a spray. It is double action and has a large air chamber, which throws an absolutely continuous stream, solid or in fine spray. Price, complete without pail..................... $\$ 4.00$
Simplex Spray Pump. Made of brass; capacity $31 / 2$ gals. A system of air tubes inside the tank produce with every stroke of the pump a rotary motion of air and liquid around bottom of tank agitating any of the ingredients that have a tendency to settle. Price complete, Brass Tank


Price, complete, Galvanized Tank, each
SPRINKLERS We are Western Agents. Scollay's Rubber. None better for None better for
floral work. BeBrass extension rod, 24 in. long, each.
.$\$ 7.50$

Bink's Spray. A medium price sprayer constructed of best material and will do good work. Equipped with 3 feet discharge hose, shut-off cock, and our Star spray nozzle and shoulder strap. Works with compressed air. Price, $\$ 6.00$.
Auto Spray. Eight to ten strokes compresses enough air to discharge entire contents. Fitted with an "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray.
Price: Galvanized iron reservoir, $\$ 4.50$; with Auto pop, $\$ 5.40$; solid copper reservoir, $\$ 6.75$, with Auto Pop, $\$ 7.65$; Brass Extension Rod, in $2-\mathrm{ft}$. lengths, each 35 c ; Galvanized Extension Rod, in 2 -ft. lengths, 25 c.
Ferguson's Combination Sprayer andSyringe. 3 Roses with each. Made of brass. Splendid for syringing under the foliage of plants, where force is needed. $1 / 4-\mathrm{in}$. connection. Each, $\$ 3.50$.
The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickeled iron; construction simple; last a lifetime. Each, $\$ 2.00$.


## PERFECTION

The tank is made of heavier metal than has been previously used for similar sprayers, while the valve and pump are of special construction to give better service. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water Paints, Insecticides, etc. Made in galvanized steel or brass. Galvanized Steel, $\$ 5.00$; All Brass, \$7.50.

Pneumatic Sprayer. A compressed air hand sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides, etc.

1-quart size. Galvanized Tank. Each... $\$ 1.00$
Brass Tank. Each.
1.75

The Lowell. For apply-
ing insecticides in the
form of a mist or vapor. The reservoir
of this sprayer is made of glass, which
enables the operator to see ingredients
mixing. Price: each, 75 c ; 3 for $\$ 2.00$.
Daisy Hand Sprayer. Will spray when held either up or down.
Daisy Hand Sprayer. Will spray when held either up or down. Sprays on both strokes of plunger. Each, 65 c .

## FLOWER TUBS

Union Cypress. F. O. B. New York or Chicago. An excellent new tub; cheap, neat and durable. Made from $7 / 8$-inch cypress, with iron handles and 3 iron hoops and 2 coats of green paint.


No. 1. $11 \frac{1}{2}$ in. dia., $11 / \frac{1}{2}$ in. high. .Each, $\$ 1.00 ; 4$ for $\$ 3.60$
No. 2. $131 / 2$ in. dia., $11 \frac{1}{4}$ in. high.. Each, $1.25 ; 4$ for 4.25
No. 3. $143 / 4 \mathrm{in}$. dia., 14 in. high....Each, 1.65: 4 for 6.00
No. 4. 16 in. dia., 15 in. high......Each, 2.00; 4 for 7.00
No. 5. 19 in. dia., 18 in. high......Each, $3.00 ; 4$ for 10.00
No. 6. 22 in. dia., $191 / 4 \mathrm{in}$. high....Each, $3.75 ; 4$ for 12.50
Columbian. Made of the best pine lumber. Has 12 staves in tapered shape, held together by two steel wires. Natural varuish finish. Measurements are outside of tub.
Height. Diam. F. O. B. Chicago only.


11 x $11 \frac{1}{2}$ inches.......................Each, $\$ 1.00 ; 4$ for $\$ 3.80$
$14 \mathrm{x} 141 / 4 /$ inches......................Each, $1.50 ; 4$ for 5.50
17 x16 $1 / 2$ inches.......................Each, $2.00 ; 4$ for 7.00
19 x193/4 inches.
.Each, $250 ; 4$ for 9.00
263/4x221/2 inches.....................Each, $3.00 ; 4$ for 11.00

## PLANT PAILS

Made of selected White Cedar. Bound with Electric Welded Wire Hoops too strong to break and cannot fall

off. The tubs are nicely painted and are well suited for shifting plants from large size pot.
8 by 6 inches $\}$
11 by 9 inches $\}$
.... Each, $\$ 0.30 ; 12$ for $\$ 3.25 ; 100$ for $\$ 25.00$.
TURF EDGER American. With handle, Each, 50c.
English. Steel blade only. Each, 81.00 .
TWEEZERS Four-inch, 10c; 5 -inch, 15c, 6-inch, 20c.

## TWINE

"The Queen" White Cotton Twine. For trying parcels, flowers, etc. Put up in 5-1b. sacks. Price, $\$ 1.50$.
Hemp. No. 18, for parcels. Per 1b., 30c.
Greem. For packages, very strong. Per lb., 55c,
Jute. For bunching; 2 or 3 -ply. Per 1b., 17 c ; 10 lbs., $\$ 1.60$; Per 100 lbs., \$15.00.
Sllkaline. For stringing Smilax, etc., fast green colors, will not fade nor break. FFF, Coarse, 2 -oz. spools, 1 lb . in box, 8 spools $\$ 1.25$; FF, Medium, 2-oz. spools, 1-1b. in box, 8 spools, $\$ 1.25$; F, Fine, 2 -oz., spools, 1 lb . in box, 8 spools, $\$ 1.25$.
Florists' Thread. Similar to Silkaline. Samples on application. "King Arthur' brand, 2-oz. spools, 15 c; dozen $\$ 1.00$.

## VASES

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

15 per cent. discount on full crate lots. Broken crates at list prices.


## GALVANIZED IRON GREEN ENAMELED

| No. 0 | $\begin{gathered} \text { Diam. } \\ .7 \mathrm{in}, \end{gathered}$ | Depth 14 in. | $\begin{aligned} & \text { Each } \\ & \$ 0.60 \end{aligned}$ | $\begin{gathered} \text { Doz. } \\ \$ 6.00 \end{gathered}$ | No. 7 | Diam. . 6 in. | $\begin{aligned} & \text { Depth } \\ & 18 \mathrm{in.} \end{aligned}$ | $\begin{aligned} & \text { Each } \\ & \$ 0,70 \end{aligned}$ | $\begin{gathered} \text { Doz. } \\ \$ 7.00 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. 2 | ! n . | $11^{1 / 2} \mathrm{n}$. | . 45 | 4.50 |  | 8 in . | 20 in . | . 85 | 8.50 |
| No. 6 | $41 / 2 \mathrm{in}$. | $151 / 2 \mathrm{in}$, | . 45 | 4.50 | No. 9 | 10 in . | 23 in . | 1.00 | 10.00 |

VASE Clara Cemetery. It is one of the most useful as well as handsome articles ever placed on the market. Of beautiful solid mounted glass, 12 inches high. Price, boxed, per dozen, $\$ 2.50$; each, $25 \mathrm{c} ; 3$ for 70 c ; barrel of 3 doz., $\$ 6.00$.

## GREEN EARTHENWARE VASES

Host attractive vase on the market, h ard fired, non-absorbent, glazed a beautiful shade of green, blending with the foliage of the flowers. Large orders can be shipped direct from factory in Ohio, in which case we will allow 10 per cent discount from prices given below.

Diam, Depth Each Doz. Diam. Depth Each Doz. No, $1 \ldots . .4$ inch 12 in. $\$ 0.35$ \$3.50 No. $3 \ldots . .4^{4 / 2}$ in. 15 in. $\$ 0.40 ~ \$ 4.00$ No. $2 \ldots . .51 / 2$ inch 10 in. $.35 \quad 3.50$ No. $4 \ldots \ldots 51 / 2$ in. 18 in. $75 \quad 7.25$

## WATERING POTS, American. Heavy galvanized round

 can, 2 copper faced roses, long sprouts, 4 -qt. $\$ 1.75$; 6 -qt. $2.00 ; 8$ qt. $\$ 2.25 ; 10-\mathrm{qt} . \$ 250 ; 12 \mathrm{qt} . \$ 2.75$.French Style. Oval, otherwise same make as above. 6 qt . 32.25 ; 8 qt., $\$ 2.50$; 10 qt., 52.75 ; 12 qt., 83.00 .

English
English Style, Haw's Pattern. 2 roses, long spouts, 4 quart,
$\$ 2.50$ each; 6 qt., $\$ 3,00 ; 8$ quart, $\$ 3.50$ each.
WEEDERS. Excelsior Hand. Each, 10c; doz. 75c.
Lang's, very useful. Each, 20c; doz., 82.00 .
Hazeltine Hand. Each, 20c; doz., $\$ 2.00$
Weeding Fork. English. Each, 40c.
Combination. Each, 20c; doz., \$2.00.
Piqua Lawn Weeders. Each, $\$ 1.00$.
Magic Weeder and Hoe. A handy tool, weeder part having four long tines. When reversed, can be used as a hoe. Each, 30c.
Eureka. The best little hand weeder for loosening soil around plants that we know of. Thin forged steel fingers. Short handled, 25c; long handled, 35̆c.

## 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 stee 1,17
 inches high, with $2 \frac{1}{2}$-inch tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. The legs are reinforced by iron straps. Price, 84.50 .
The Globe Garden. Measuremeut of box, 30 inches long, 19 inches wide at wheel, 24 inches at handles. Price, with steel wheel, 34.00 .
WIRE.
Bright annealed. Prices subject to change.

Per lb. 6 lbs. 12 lbs . No. 18.. $\$ 0.10$. . 80.35 . . $\$ 0.60$ No. 20.. .10.. . $40 . . \quad .70$ No. 22.. .10.. .40.. . 75 No. 24. 10 . 45 . . 80 No $80 . .15 . .60$. 1.10
Copper. Fine, 1b., 60c; coarse, 1b., 55 c .

## FLORISTS' CUT WIRE

Clean, extra soft, white wire, straightened and cut in lengths ready for immediate use, and in a convenient form. 12 lbs . in each box, cuts in lengths of 12 or 18 inches.
$\begin{array}{llllllll}\text { No. } & 20 & 22 & 24 & 26 & 28 & 30 & 36\end{array}$

mix en IRON AGE
Hill and
Drill Seeders
We are Special Chicago Agents for Iron Age Tools.
More than 25 years' experience selling garden tools has shown us that the "Iron Age" line is the best in every way. Built right, of the best materials obtaineble and designed to do all the sowing and cultivating necessary in a first-class garden. They are complete, adaptable tools-the kind you don't want to part with after you have once used them and know what they will do for you.

Transportation charges prepaid to any railroad station in the United States within 500 miles of Chicago or New York, on orders for "Iron Age" tools, or for seeds and tools amounting to $\$ 7.50$. (Seeds not prepaid unless so offered on other pages.)

No. 6 Combined Double and Single Wheel Hoe,

## Hill and Drill Seeder.

The most practical and complete garden tool on the market-four machines in one-a hill seeder, a drill seeder, a double wheel hoe to work


No. 15 Combined Single Wheel Hoe, Hill and Drill Seeder.

on. Will 6 except No. 15 except that has no hilldroppin
device. driee.
Priee, 810.00.
If $\underset{\text { wanter }}{\$ 10.00 .}$
as Drill
as Drill only, order
Priee, S7.50.
No. 1 Combined Double and Single Wheel Hoe.
This is the Wheel Hoe form of the No. 6. Can This is the Wheel Hoe form of the No. 6 . Can
Ce made into Single Theel Hoc in one minute.
Cultivates astride the row close up on each side
without injury to the plants or between any width
rows with hoes reversed. The steel whel is 16 in .
high, runs easier and don't drop into the
low places as a low whieel would do. The
frame is made of hollow steel tubing, sc-
curely attached to malleatle castings-
light and very strong. Takics all of the
tools shown
and rari-
ous at -
taehments
fol special
work in-
cluding
Drill At-
tacliments
to sow in
contin
uous rows
or both
drills and
hills. The latter are $\$ 4.00$ and $\$ 5.00$ respeetlvely. If this Wheel Hoe is
wanted plain, with hoes only, order as No. 3. Price $\$ 4.25$.

New Model
Seed Drill. Popular with seedsmen and market gardeners. Exact regulation of seed discharge by usimgan ec centrie indexor indi catorwhich adjusts the shide for seed openwhere you where you series of holes which have to be used whether they answer or series of holes which have to be used whether they answer or not. A swinging eut-off stops flow of seed-does not jam with falling seed.


Built largely of steel and malleable iron. Wheels and handles adjustable for height. The tools include five slender cultivator tecth, two sizes of eultivator teeth and a pair of plows which can be used separately or together.

## Horse Hoe Cultivator <br> No, 600 EL

When uscd as a cultivator, expands to 30 in. and closes to 14 . Can be narrowed to 11 in. by reversing standards. to 11 in. by reversing standards. Has long high steel frame that
makes the tool run steady and makes the tool run steady and
clear of trash. As shown in clear of trash. As shown in
the cut has lever expander and the cut has lev
lever wheel. lever wheel.
Can be furnished witli Price wheel, Price 88.00 or
with plain with plain
wheel and with out lever expander, Price, $\$ 7.00$

Double Celery Hiller.


These are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable f or firs t workings. Fitted with lever wheel, hilling blades, 43 inches long, adjustable in height or width as wanted, Prlee, $\$ 15.00$.

## Single Celery Hiller.

## VaUGHAN'S LAWN MOWERS, ROLLERS, WATER CARTS,

## PHILADELPHIA LAWN MOWER

High Wheel (Steel). Style A.
Thls is the King of High Wheels. It has 10 -inch driving wheels, 11 -inch cylinder cutter, with four knives: constructed of steel throughout. Width. Weight. 15 -inch. ..... 40
17 -inch. 1 bs . 17 -inch
Style
K....
10 ${ }^{42}$ lbs.
 gated blades. A strictly first-class mower. Fine cut, and with its
large driving wheels it is the lightest running, best single pinion mower made. Width. Weight 14-inch... Wigight. Our price. Width. Weight. Ourprice, 16 -inch..... 12 lbs........... 6.75 2n-inch...... 46 lbs........... 8.00

## PHILADELPHIA GRASS COLLECTOR

Has a galsanized iron bottom collector, never rip, cloth connections. Always be careful to rip, cloth connections. Always when ordering
 12 -inch, $\$ 1.50 ; 214$-inch, $\$ 1.60$
18 -inch. $\$ 1.50 ; 20$ inch. $\$ 1.90$. For dish wheel and style $\mathcal{K}$ and the Yaughan Morer. 14 and 15 -inch, $\$ 1.70$; 16 and 15 inch, $\$ 1.80$;
$\$ 2.00$,

## WATER BARREL TRUCK



The barrel is raised from the ground. carried to the
place desired and instantls detached, all without handling. The weight being balanced over the axle, no liftnceded in transportation. Other barrels tarious purposes can be used as needed. extra of this bein from outside to outside of hubs is $291 / 6$ inches
Price: Barrel and Truck with 2 $1 / 2$-inch Wheels, $\$ 10.00$; Truck without Barrel, but with
1 pair trunnions to hold barrel, $\$ 7.50$.

## THE SPRINKLER ATTACHMENT

The Barrel Truck as a Sprinkler is invaluable for watering lawns and sprinkling walks. The water is turned on and off by a hand wheel and ball valve
Price: Sprinkler attachment far barrel, \$3.50.
 width, $23^{12}$ inches; depth. 8 inches. Price: In cluding trunnions and spring catch, but with
out Truck, $\$ 3.00$.

## LEAF RACK

This is a vers light Leaf Rack for use with Truck, which will be found extremely convenient for the cartage of leaves. cut grass from the lawn, etc
Rack has an average width of 28 inches by 42 inches and is 21 inches deep.
Price:
LAWN SHEARS
For cut-
ting grass
in places
winnot be
reach ed
by lan $n$
mower.
Two Wheels.
Each. $\$ 2.75$.


## BEE'S WEED EXTRACTOR



A simple and effective device for removing weeds of
operate. Postpaid, 75 c ; by express, 60 c .
PIQUA LAWN WEEDERS

A simple and effective device for removing all weeds from the lawn. Handle and blade made of onc piece of steel tubing. Grab rod enclosed in tube. Price, $\$ 1.00$.

## WINDOW BOXES convenient. practical made en-

 tirely of metal. guaranteed not to leak. Box has reservoir in bottom, which. when filled with water. will supply plants with moisture for ten days. by means of sponges inserted in the false bottom of the box. Water heing conveyed direct to roots of plants. leaves soil in a loose condition, ideal for plant growth

HANGING BASKETS
 $10 \ldots \ldots .7 \mathrm{in} .10 \mathrm{in} .95 \quad 14 \ldots .9 \mathrm{in} . .12 \mathrm{in} .130$
*29 COLUMBIA SPRINKLER Which can be operated tith a moderate pressure. covers a wide area and distributes the water evenly. The revolving arms throw
the water in a fine spar into in a fine spray into the
air and the motion proair and the motion produces a fine
Height. about ${ }_{1}$ ist. foot. Each, $\$ 1.25 ; 3$ for $\$ 3.45$.

## THE EVANSTON SPRINKLER



One of the best lawn sprinklers on the mar ket; has no revolving waill not clog with sand or dirt. Gives an even distribution of ..ater wer a large area. The fineness and symmetry of its spray makes it es pecially desirable for new lawns and flower gardens. Its location may be changed while under full working head with perfect ease, by the aid of a wire or cord. Each, 35 c ; postpaid, 60 c .

## LINCOLN PARK or Butterfly

Cheadest and best Sprinkler Made. Each. 30c.
Mounted on stand; 2 -foot, $\overline{\text { Ioc }}$;


THE RICHMOND

botom are
piece of steel.
so that there
are no open-
SOD CUTTER
ings that can
set choked. A whole field can be cut with this machine without removing the sod, prowided a narrow strip of about 1 inch in width is taken out at the start. Price, $\$ 22.00$.


## CRESTLAWN BALL BEARING

The Strongest and Easiest running lawn mower ever built. Extra high eleven-inch Ball Bearing drive wheels and automatic interlocking frame that cannot be knocked or twisted out of adjustment. The ONLY mower in the world so constructed
mower in the world so constructed. blades and self-adjusting Ball Bearings. Absolutely guaranteed in every respect.

Every bearing Ball Bearing

## $\begin{array}{llll}14 \mathrm{in} . & 16 \mathrm{in} . & 18 \mathrm{in} . & 20 \mathrm{in} . \\ \$ 12.00 & \$ 13.00 & \$ 14.00 & \$ 15.00\end{array}$

GOLD MEDAL LANN ROLLER
These Follcrs are smooth on face and rounded on outer edges to avoid cutting the lawn. Roller bearings make them 40 per cent easier to operate than the old-style Roller. Write for de

## scriptive circular. Weight,



flexible, the rake-heads being divided in the middle and lung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good Work Price, 24-inch wide, each, \$15.00.

## EUREKA WEED KILLER

 get hard usage. Each

## SCYTHE BLADES

English riveted back, 30-inch, \$1.30; 36-inch. \$1.40 40-inch, \$1.50. Am

Talacre Scythe s


[^0]:    King Humbert The Best Bronze-Leaved Canna today. This remarkable "Gold Medal" Canna has been the sensation of the past six ycars. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color, and habit. 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 others, $41 / 2$ feet in height.

[^1]:    It has been our good fortune to be in the lead in introducing Baby Ramblers to the American public. Years ago we first offered the Crimson Baby Rambler and followed that by Vaughan's White Baby Rambler. What a wonderful success these have been commercially every one knows. Other choice varieties of this class will be found in the following list:
    BABY DOROTHY. In color similar to the well Each Doz. 100
    known Dorothy Perkins, very vigorous and a
    constant bloomer, bearing great quantities of
    

[^2]:    VAUGHAN'S CELERY MANUALWritten by a practical grower of 20 years' experience. Revised and published by J. C. Vaughan. Price, postpaid, 50c. Will be sent free if requested with a Celery seed order of $\$ 3.00$ or with any general order for other seeds amounting to $\$ 5.00$.

[^3]:    Monarch, 10 Ibs., $\$ 3.50$
    Laing's Swede..
    Carter's Imperial Swede
    American Improved, 10 lbs. $\$ 3.25$
    White Swede
    Vutton's Champion.

