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## 6261



## Sump \& Warier

 Company50 Barclay SI.
New York

## '9

HIGH-GRADE
Bulbs and Seeds

FOR FALL PLANTING
Russian Lily of the Valley
For description, see next page.

# IMPORTANT TO PURCHASERS. 

On all Orders for SEEDS, BULBS or PLANTS Customers may select ANY ARTICLE from this Catalogue as a

## _PREMIUM=

to values given on orders of the following amounts:


## LARGE FLOWERING

$\qquad$

## "RUSSIAN"

## $\mathrm{LILY}=0 \mathrm{~F}=\mathrm{THE}=\mathrm{V}$ ALLEY.

A LL lovers of Lily of the Valley should not fail to give our

## "Russian "

MALE
Valley a trial. Introduced a few years ago, it has now become famous, being forced very extensively by a large number of celebrated Lily of the Valley growers.

The Russian Valley produces strong spikes of flowers, about fifteen inches in height, bearing from twelve to twenty extra large pure white bells, which are delightfully fragrant.

# BULBS for FALL PLANTING for the Garden Conservatory and Winter Garden 

BULBOUS plants are among the showiest of our garden favorites, and with little care and following the cultural instructions the growing of bulbs can be made a pleasure.

Beginners have an impression that there are many difficulties to overcome in the management of bulbs, in order to have them produce their flowers to perfection, while in reality no other plants succeed as well, under all circumstances, as the different classes of bulbs and tuberous-rooted plants, with as simple and little care as bulbs require.

There are a few necessary points to be considered, and these will be found in the various cultural instructions, which, if you follow them closely, will remove the supposed difficulties.

The growing of bulbs, other than the charms their flowers possess, has many advantages over that of any other class of flowering plants; among others, and a very great one, is that many of them produce their flowers in very early Spring, at a season when few other plants are in blossom.

At this season, in a sheltered, sunny spot, a few clumps of Snowdrops, Crocus, Scillas, will present a mass of color, in graceful forms, while the snow yet lingers in shaded places; before these are gone the Hyacinths refresh us with their grateful fragrance, these are soon followed by the Narcissus and Early Tulips, and all before vegetation is fairly started. In rapid succession follow the gorgeous Parrot Tulips, Crown Imperials, and before these are gone the Lilies commence their long succession of bloom. Interspersed with these is a host of other bulbs, equally valuable for their flowers, but whose names are rarely mentioned.

Bulbs delivered free to any Post Office or Railroad Express Office in the United States at prices quoted in this catalogue, except where noted. Purchaser pays transit charges only on Bulbs, etc., where specially noted.

Remittances should be made by Draft on Bank, Post Office Order, Registered Letter or Express Money Order. Smallsums may be sent in Postage Stamps of small denominations.

Please be particular in ordering to write name and address distinctly and in full.

Order your Bulbs early.-We shall be able to fill all orders selected from this price list previous to November 1st, after that date the supply of many varieties is apt to be sold out. We advise our customers to forward their orders as soon as possible upon receipt of this price list.
 Seed and Bulb Growers and Importers, JULIAN H. WALTER, Pres. GEORGE G. STUMPP, Treas. HENRY EICKE, Sec.

## EXTRA SELECTED NAMED DUTCH HYACINTHS.

The Bulbs offered here are large size, and best quality grown in Holland.
Hyacinths delivered free when ordered at single or dozen rates. Purchaser pays transit on lots at 100 rates.


Chas. Dickens, beautiful pink, white shaded, very large truss. Each, 10 cts. ; per doz., $\$ 1.00$.
Lord Macaulay, rosy carmine, large bells and spike. Each, 15 cts. ; per doz., \$1.20.
Roi des Belges, very large, full spike, fine deep color. Each, 15 cts.; per doz., $\$ 1.20$.
Fabiola, beautiful, rose striped, large bells, compact spike. Each, 10 cts. ; per doz., $\$ 1.00$.

## Double Red and Rose Hyacinths.

Bouquet Royal, fine rose, dark shaded, very handsome truss . . $\$ 0 \begin{aligned} & \text { Each } \\ & 10\end{aligned} \$ 100$ Bouquet Tendre, brilliant dark carmine-red, good truss, early . . . i 10 Noble Par Merite, deep rose, large bells and spike, one of the finest double Hyacinths.
Prince of Orange, large semi-double, light pink, fine spike . . . . . . . . . . . . . . . . . . . . . . 15

Lord Wellington, very early pink, large bells and truss .

L'Esperance, rose, dark shaded, fine spike.

## Single Pure and Creamy White Hyacinths.

Each
Alba Superbissima, pure white, large spike. A favorite early variety
Baron von Thuyll, snow-white, large compact truss, of many bells, splendid for bedding and pot culture,
one of the best for early forcing . . . . . . . . . . . . . . . . . . . . . . . . . . .
Elfride, blush-white, large compact truss .15
La Franchise. blush-white, large bells, fine for forcing ..... 15
Voltaire, creamy white, fine spike, with large bells ..... 15
Grand Vedette. pure white, large bells, extra large spike, one of the best forcing varieties ..... 15
Blanchard, pure white, long spike, very compact; a splendid variety for pots or forcing. ..... 15
Grandeur a Merveille, finest blush-white, extra fine large truss; it is the best of this color to grow in quantity ..... 15
Mme. Van der Hoop, pure white, large bells, dwarf spike ..... 15
Paix de l'Europe, pure white, waxy bells, large spike, very fine

La Pucelle d'Orleans, this is one of the finest pure whites, grand compact spike, well furnished with very large bells.

100
Doz.
-
Doz. $\$ 120$

## Double Pure and Creamy White Hyacinths.

Anna Maria, very early, purple centre, very double, fine spike
Each Doz.
Flevo, pure white, large full bells, compact spike, extra ..... 15 ..... 120
La Tour d'Auvergne, the earliest pure white, extra fine, large bells and grand spike ..... 15
La Virginite, pale blush-rose centre, good bells, fine broad spike, very early ..... 15
Sceptre d'Or, pure white, late, very double and large compact truss ..... 15
15
Bedford, pure white, very double, large bells, compact spike
Single Light and Dark Blue Hyacinths.
Baron von Thuyll, deep violet blue, extra large compact
Each Doz.spike, early and fine for forcing$\$ 010$$\$ 100$
Charles Dickens, bright blue, shading porcelain, excellent,large and compact spike; unexcelled for bedding orpot culture, and good for forcing15
10Grand Lilas. light porcelain blue, very large bells, grandspike10shaded porcelain, strong grower
La Peyrouse. fine light blue, large bells, fine large spike; a splendid variety for bedding out, and a greatfavorite for forcing, very early15120
Leonidas, clear, light blue, handsome spike, early .15120
Marie, deep purple blue, with light blue stripe, extra good compact and large truss; a splendid variety forpots
Regulus, fine porcelain blue, large bells, compact and largetruss1010
King of the Blues, rich dark blue, large bells, broadspike; splendid for forcing and pot culture10
Pieneman, deep porcelain, shaded lavender, grand spike;one of the best of this color10
Queen of the Blue, porcelain, large compact spike, largebells
Uncle Tom, rich blackish blue, a splendid variety for pots1510 100 100 100 100 120 Double Light and Dark Blue Hyacinths.

Each

|  | Each | Doz. |
| :---: | :---: | :---: |
| Blocksberg, light blue, marbled, extra large bells, magnificent large compact spike; the finest double light blue, early | 15 | 120 |
| Charles Dickens, magnificent dark blue, shaded lilac, excellent, large and compact. | 15 | 120 |
| Crown Prince of Sweden, tall slim spike, compactly furnished, with good sized double bells of reddish heliotrope. | 15 | 120 |
| Garrick, splendid bright blue, with dark centre, extra lage truss, early | 15 | 120 |
| General Antinck, violet, very double, excellent for pot culture | 10 | 100 |
| Lord Wellington, rich blue, striped with lilac, dark centre | 15 | 120 | cent large compact spike; the finest double light blue, early15120excellent, large and compact15120

Crown Prince of Sweden, tall slim spike, compactly furnish-ed, with good sized double bells of reddish heliotrope.15120Lord Wellington, rich blue, striped with lilac, dark centre15120
Single Yellow Hyacinths.

| Each | Doz. |
| ---: | ---: |
| $\$ 015$ | $\$ 150$ |
| 15 | 150 |
| 15 | 150 |

Herman, fine orange yellow, large bells . . . . . . .
King of Holland, rich orange, fine large spike and bells ..... 15150
Double Yellow Hyacinths.Each Per doz.
Goethe, light yellow, fine bells, large truss, extra fine ..... \$0 15 ..... $\$ 150$
Jaune Supreme, splendid rich yellow, tall stiff spike, well furnished with large bells, one of the yellowest, early ..... 15 ..... 150
Minerva, salmon, with rosy carmine stripe, fine double bells, compact rounded spike ..... 15
William III., yellow, tinged orange, rose centre, fine compact spike ..... 15 ..... 150 ..... 150

## HYACINTHS IN POTS.

For pot culture there is no plant that succeeds better than the Hyacinth. Let the soil under the bulb be quite loose, in order that their numerous roots may penetrate the soil without obstruction, but press the soil firmly around and over the bulb, which should be even with the rim of the pot, which will afford more room for the roots. After potting they should be plunged in some convenient, unsightly place in the garden, where they can be easily reached at any time, and covered to the depth of a foot or more with soil, coal ashes, or whatever is the most convenient, and over this throw some coarse leaves or litter of any kind, to keep the frost from the soil, in order that they may be reached without difficulty as wanted.

Let them remain in this situation until the middle of December, by which time they will have made considerable growth; bring into the conservatory, or bring as many at a time as is desirable. When first brought in they should be kept as cool as convenient, the temperature not to fall below the freezing point.

A four-inch pot is amply sufficient for a single bulb, and three will grow nicely in a six-inch pot, and if one bulb, each of Red, White and Blue is used, the effect is very pleasing.

The Hyacinth is one of the few plants that will perfect its flowers without sunshine. While a little is preferable, they will thrive well in rooms where the sun's rays rarely enter, which makes them in many cases particularly desirable.

Although most varieties do well grown in pots, some sorts are more desirable than others, owing to their strong growing habit, producing full spikes of bloom. The following "Exhibition Collection" is especially adaptable for this purpose, as it comprises a variety of exceptionally beautiful sorts, such as we have found to succeed best when grown in pots.

## Exibition Callection of Hyainiths for Pot Culture.

CHAS. DICKENS. Single rose Hyacinths, beautiful rose, white shaded, very large spike well filled.
LORD MACAULAY. Rosy carmine Hyacinths, with very large bells, and strong spike.
MORENO. Pink, magnificent large bells, strong spike, and handsome pink color.
ROI DES BELGES. Very large full spike; very fine deep red color.
ALBA SUPERBISSIMA. Large, pure white Hyacinth; one of the earliest flowering Hyacinths GRANDEUR A. MERVEILLE. Very large spike and pure white color. A very desirable variety.
BARON VON THUYLL. Handsomest pure white Hyacinth known.
MADAME VAN DER HOOP. Pure white, fine truss of large bells.
CHAS. DICKENS. Bright blue, shading porcelain, excellent, large and compact spike.
LA PEYROUSE. One of the greatest favorites of all blue Hyacinths. It produces very large bells, strong spike. The color is porcelain, shaded lavender.
KING OF THE BLUES. Rich dark blue, the finest of deep blue Hyacinths. Broad spike with large bells, erect and extra fine.
GRAND MAITRE. Very fine, bright blue, very large bells and tall fine spike.


One Bulb each of the above 12 sorts, each Bulb named, \$1.25.


Single Hyacinth.

## Hyacinths in Glasses.

Hyacinths grown in glasses are beautiful ornaments for the sitting room or parlor, and can be easily grown, by forcing only such sorts suitable for this purpose, and by following the directions.

Directions.-Place the bulbs in Hyacinth Glasses as early in the season as possible, making sure that only the base of the bulb touches the water; keep in cool, dark room, closet or cellar, until the roots nearly reach the bottom of the glass. Then bring them to the light, taking the precaution, however, not to keep them in the glaring sunshine, nor on the hot mantelpiece where, as in both instances. the fluctuations of heat and cold will make these positions most unsuitable for successful cultivation.

## Collection of Water Hyacinths.

REGULUS. Very large bells, light blue, strong spike.
LEONIDAS. Clear bright blue, handsome spike, early bloomer.
GRAND LILAS. Porcelain-blue, compact grower.
MARIE. Deep purple-blue, extra good, compact and large truss.
ARGUS. Fine violet-blue, pure white eyed.
FIANCÉE ROYAL. Very brilliant pink, fine color.

MME. HODSON. Very fine pink, large truss.
HOMERUS. Fine deep red, large fiowers.
VERONICA. Bright crimson, very handsome.
PAIX DE L'EUROPE. Pure white, long spike, compact grower.
GRAND VAINQUEUR. Pure white, fine bells and truss. GRANDEUR A MERVEILLE. Finest blush-white, extra tine, large truss.

Hyacinth in glass.

## How to Grow Hyacinths Outdoors.

For the open border but one condition is absolutely necessary, viz: they must be protected against frost. Although Hyacinths are classed with the hardy bulbs, they are by no means such, and where the bulbs are cultivated for purposes of sale the ground is so thoroughly mulched that the frost rarely, if ever, touches the bulbs.

In planting the Hyacinth, no matter what the nature of the soil may be, make it deep, and work in liberal quantities of well-rotted manure; if it is a heavy loam, the bulbs should not be covered more than two inches; if in a light sandy soil, cover them fully four inches. Upon the approach of frost, cover the beds with newly fallen leaves, to the depth of six inches; this covering should be extended at least eighteen inches beyond the bed on all sides, and then kept in place by evergreen boughs, brush or pieces of boards. Thus protected, the Hyacinth will be among the first plants to put in an appearance above ground in spring.

No further work will be required for the perfect development of the flower. Bulbs should be planted from 4 to 6 inches deep and about 6 inches apart.

## Our S. \& W. Special Bedding and Forcing Hyacinths.

## COLORS SEPARATE.

These Hyacinths are all large sized healthy bulbs, well adapted for outdoor planting. The colors being kept separate, the purchaser can make his selection of colors as his taste may dictate. These bulbs can also be forced for winter flowering or cutting.

## Prices of our Special Mixed Dutch Hyacinths. <br> Bedding and forcing varieties are kept separate. Please state which to send when ordering.

SINGLE VARIETIES.


If ordered at 100 rates, purchaser pays transit.

## Pan Hyacinths,

This method of growing Hyacinths for winterflowering in the house has given the most satisfactory results. A number of florists used this method for creating something new in the line of an Easter display, with the resalt that there was a much greater demand than supply, owing to the beautiful display the Hyacinths in pans make. The secret of acquiring success is simply the following: Plant only one kind of Hyacinths in one pan, in order to have them all bloom at once, aud to have them all the same shade. The various sorts of Hyacinths invariably grow different from one another, and if planted together, the result will turn out accordingly. The following varieties of Pan Hyacinths are the best known sorts for this mode of growing, and if by planting 10 to 12 bulbs of either of the six varieties mentioned in a pan 8 to 9 inches in diameter and following the directions of planting Hyacinths in pots, the most satisfactory results will be obtained.

In ordering bulbs for this purpose, be sure to mention Pan Hyacinths.

## VARIETIES AND PRICES.

Doz.
General Pelissier, bright carmine, \$0 50
100
Gertrude, fine pink . . . . . . . 50
$\$ 350$
La Peyrouse, delicate lavender (Porcelain)

50
King of the Blues, dark blue
Baron von Thuyll, pure white
Grandeur a Merveille, blush-white

[^0]" dark blue
450 ،" yellow

DOUBLE VARIETIES.


## Sometimes Called

 DUTCH ROMANS.

Pan Hyacinths.

## COLLECTION OF HYACINTHS FOR BEDS.



ROUND HYACINTH BEDS (Illustrated above).
A round bed, 6 feet in diameter, or 18 feet in circumference, requires 125 bulbs planted 6 inches apart, keeping the separate rows also six inches apart. PRICE for following combinations of colors, $\$ 5.60$, purchaser paying transit.

ROSE, YELLOW, BLUE, WHITE AND CRIMSON COMBINATION.-Centre cluster requires 12 rows Hyacinths; 1st row, 18 Jellow; 2 d row, 25 blue ; 3 d row, 30 white ; 4 th or outside row, 40 crimson.

LAVENDER. WHITE, CRIMSON, PINK AND PURPLE COMBINATION.-Centre row requires 12 lavender Hyacinths; 1st row, 18 white; 2 d row, 25 crimson; 3 d row, 30 pink; 4 th or outside row, 40 purple.

## Roman Hyacinths

 Make splendid plants for the Window Garden, grown in whatever device may be the most desirable. They should be treated in all respects like the other classes, only that they come into flower much earlier, and should, for first fowers, be brought in by the 15 th of November; by so doing, they will give their flowers in perfection by Christmas.The great beauty of this class of Hyacinths is their profusion of flowers, each bulb giving from three to six spikes, according to the size and strength of bulb. The flowers are smaller than those of the Dutch Hyacinths, but more graceful. The bulbs being small, three can be putin a 5 -inch pot.

If ordered by mail, adis cts. per doz. for postage.
Buyer pays transit when purchased at 100 rate.
PURE WHITE ROMAN. Extralarge bulbs. DOUBLE ROSE ROMANS. Each, 5 cts.; Each, 5 cts.; per doz., 50 cts.; per 100, \$3.50.
SINGLE ROSE ROMANS. Each, 5 cts.;
per doz., $40 \mathrm{cts} . ;$ per $100, \$ 2.50$. per doz., 40 cts.; per $100, \$ 2.50$.
SINGLE BLUE ROMANS. Each, 5 cts.: per doz., 40 cts. ; per $100, \$ 2.50$.

SINGLE YELLOW. Each, 10 cts.; per doz., 75 cts.; per 100,

## Italian Hyacinths.

Similar to Roman Hyacinths, but do not bloom quite as early, but have larger, heavier spikes.
SINGLE WHITE. Each, 5 cts.; per doz., 50 cts.; per 100 , \$3.00.


## GRAPE HYACINTHS.

Very pretty, producing flower spikes that are from 2 to 3 inches in length, resembling a bunch of grapes.


FEATHERED HYACINTHS.
Exceedingly pretty; feathery, plume-like spikes.
Per doz. Per 100
$\$ 025$

# Collection of Single and Double Early Tulips. 



FOR BEDS. We offer these sets at prices much below the regular rates to encourage a large number of our customers to put out beds of Tulips, knowing that they will give unbounded satisfaction.
"Collections of Tulips for Beds" we have made up for the special convenience or those who do not understand the selection of sorts that bloom simultaneously and are of equal heights. We have selected bright contrasting colors, and the beds will be very effective. These collections can only be sent by express or freight, buyer paying transit.

## The clover Leaf collection.

This bed, measuring 7 feet across, requires 200 bulbs, which, arranged as suggested here, will produce a most showy and satisfactory effect
Collection A.-67 Scarlet named Tulips, 67 Yellow named and 66 Pink named Tulips. Plant each color sepa rately in each section. Collection B. -108 Yellow named Tulips and 92 Crimson named Tulips. The yellow to be planted on the border of the whole design, using the crimson variety for the interior.

Price of either of the Clover Leaf Collections, \$3.50, purchaser paying transit.


BED OF SINGLE EARLY TULKPS.
This bed is 18 feet in circumference, or 6 feet across, and requires a total of 200 bulbs, planted 5 inches apart. Price, for either of below color combinations, $\$ 3.50$, buyer paying transit. Yellow and Scarlet Combination.Nos. 1 and 3 require 50 yellow Tulips each: Nos. 2 and 4, 50 scarlet each. White, Crimson, Yellow and Pink Combination.-No. 1 requires 50 white Tulips; No. 2, 50 crimson; No. 3, 50 yellow; No. 4, 50 pink.

## BED OF DOUBLE EARLY TULIPS.

A circular bed 7 feet across, or 21 feet in circumference, requires a total of 230 bulbs, planted 5 inches apart The following combinations have been selected for a circular bed 7 feet in diameter, with a cross in the centre. PRICE of either of the below combinations, $\$ 5.00$, purchaser paying transit.

YELLOW, WHITE AND SCARLET COMBINATION.-Centre Cross requires 100 Yellow; four Corners require 40 White; two Outside Rows require 90 Scarlet.

CRIMSON PINK AND ORANGE COMBINATION - Centre Cross requires 100 Crimson; four Corners require 40 Pink; two Outslde Rows require 90 Orange.

## SIMCLE EARLY TULIPS.

Tulips require the same treatment as Hyacinths, except that the bulbs, being much smaller, may be planted closer and not quite so deep.
If ordered by mail, add 6 cents per dozen for postage.
In lots of 100 bulbs or more, buyer pays transit.
Duc van Thol, common red and yellow. Per doz., 20 cts. ; per 100, \$1.00.
Duc van Thol, crimson. Per doz., 20 cts.; per 100, \$1.00.

$$
\begin{gathered}
\text { Duc van } \begin{array}{c}
\text { Thol, scarlet } \\
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\end{array} \text { whilow }
\end{gathered}
$$

| Each | Per doz. | Per 100 |
| :---: | :---: | :---: |
|  | \$0 30 | \$175 |
|  | 50 | 300 |
|  | 40 | 225 |
| $\$ 005$ | 25 | 150 |
| 05 | 30 | 150 |
| 05 | 30 | 175 |
| 05 | 50 | 300 |
| 05 | 40 | 200 |
| 05 | 50 | 350 |
| 05 | 35 | 200 |
| 05 | 30 | 150 |
| 05 | 30 | 175 |
| 05 | 30 | 160 |
| 05 | 40 | 250 |
| 05 | 35 | 200 |
| 05 | 40 | 250 |
| 05 | 40 | 250 |
| 05 | 60 | 350 |
| 05 | 35 | 200 |
| 05 | 35 | 175 |
| 05 | 40 | 250 |

King of the Yellows. grand, rich yellow, large, fine flowers
La Reine (Queen Victoria), white, very faintly tinted rose, good for both bedding and forcing
L'Immaculee, pure white, yellow base, large, broad petaled flower; very early and fine.
Pottebakker, White. pure white, fine large and showy flower, excellent forcer
Pottebakker, Scarlet, bright dazzling scarlet; very large and fine flower
Pottebakker, Yellow, large, fine, bright yellow, feathered crimson
Prince of Austria, glittering copper red, fine forcer, sweet scented.
Proserpine, rich, silky rose, of perfect form, large and very effective
Purple Crown, dark crimson maroon, velvety and fine
$05 \quad 35 \quad 200$

Each Fer 0535 200
$05 \quad 30 \quad 175$

| 05 | 50 | 3 | 00 |
| :--- | :--- | :--- | :--- |
| 05 | 40 | 2 | 50 |
| 05 | 50 | 3 | 00 |
| 05 | 60 | 3 | 50 |
| 05 | 50 | 300 |  |
| 05 | 25 | 175 |  |

Artus (Garibaldi), scarlet
Bacchus, dark, blackish scarlet, large, well-formed flower, early, gond forcer
Belle Alliance (Waterloo), scarlet
Canary Bird, pure yellow
Chrysolora, large, pure yellow
Couleur de Cardinal, brilliant crimson
Cottage Maid, white-edged rose
Crimson King, bright crimson, large flowers, fine showy bedder
Duchess de Parma, red, yellow border
Jagt van Delft, white
Joost van Vondel. deep cherry red, with white feather through centre of petals; very pretty
Brutus. bright orange crimson, with small golden margin; very showy
Keizerskroon, deep crimson, with broad orange yellow margin, large and exceedingly effective

Rembrandt, superb, rich glowing crimson, large flower, early and fine forcer
Rose Luisante, dark rose, extra fine.
Rose Mundi Huyckman, carmine pink, feathered white through centre of petals, white base, large flower
Rachel Ruisch, delicate rose, shaded white, fine for forcing, beautiful .
Thos. Moore, orange, effective, large Tulip, sweet-scented
Vermilion Brilliante. deep, dazzling vermilion, magnificent; extra fine for pots and massing; very effective
Yellow Prince (La Pluie d'Or), bright yellow, large and showy, the finest low-priced yellow for bedding out
All Colors, special mixture for forcing
All Colors, for bedding, colors separate

We furnish special prices on 1000 lots, upon application.

## DOUBLE TULIPS.

DOUBLE TULIPS have massive flowers of brilliant and varied colors, shades and markings, and, being double, the flowers last much longer in bloom than single varieties, and, in consequence, when singles and doubles are planted in conjunction the "time of the Tulips" is greatly prolonged. Double Tulips are beautifully adapted for beds on the lawn, in the garden, and for mingling in clumps of half a dozen or more around the edges of shrubbery. Are robust growers and exceedingly effective.

Coronne D'Or. Large flower, very double, rich goldenyellow, shaded orange. Each, 8 cts.; per doz., 60 cts., per 100, $\$ 4.00$.
Duke of York. Very double, carmine-rose, edged broadly with white, suffused rose, showy and fine. Each, 5 cts. ; per doz., 30 cts. ; per 100, \$1.50.
Gloria Solis. A grand flower, deep crimson, with broad golden margin, very large. Each, 5 cts.; per doz., 35 cts. ; per 100, $\$ 2.00$.
Imperator Ribrorum. Splendid bright scarlet, yellow base, a fine full double. Each, 5 cts.; per doz., 50 cts. ; per 100, $\$ 3.00$.
Le Blason. A beautiful rariety, of delicate rose, shaded and striped with white, extra fine. Each, 5 cts.; per doz., 50 cts., per 100, $\$ 2.75$.
La Candeur. Pure white, very full and large, extensively grown for bedding. Each, 5 cts.; per doz., 35 cts.; per 100, \$1.75.
Lady Grandison. Dwarf, vermilion-scarlet, extra fine, good bedder. Each, 5 cts.; per doz., 35 cts.; per 100, \$2.00.
Titian. Claret-red, petals tipped white, yellow base. Each, 5 cts. ; per doz., 40 cts. ; per $100, \$ 2.00$.

Murillo. Magnificent blush-white, shaded rose, large flowers, fine for forcing. Each, 5 cts.; per doz., 50 cts. ; per 100, $\$ 3.50$.
Purple Crown, Double. Dark crimson-maroon, velvety and fine. Each, 5 cts.; per doz., 30 cts.; per 100, $\$ 2.00$.
Rex Rubrorum. Bright crimson-scarlet, superb for bedding, large and showy. Each, 5 cts. ; per doz., 40 cts. ; per 100, $\$ 2.50$.
Salvator Rosa. Beautiful deep rose, flamed with white, fine for forcing. Each, 10 cts. ; per doz., 75 cts. ; per 100, 85.00.
Tournesol. Splendid showy tulip, orange-scarlet, with broad yellow tips and yellow base. Very large double flower. Each, 8 cts. ; per doz., 70 cts.; per 100, $\$ 3$.
Tournesol, yellow. Bright golden-yellow, shaded orange. Very fine, large and showy flower, forces well. Each, 8 cts. ; per doz., 80 cts. ; per 100, $\$ 4.50$.
Mixed. All colors, for bedding or forcing. Per doz., 20 cts. ; per 100, $\$ 1.00$.
Mixed. Separate colors-red, pink, striped, white or jellow. Per doz., 25 cts. ; per 100, $\$ 1.50$.

## PARROT TULIPS.

These Tulips belong to the late-flowering garden varieties, which are generally in full bloom during the latter part of May. The Parrot Tulips have immense picturesque forms and brilliant showy colors. The petals have peculiarly feathered and fringed edges, and the shape of the flower, especially before it opens, resembles the neck of a parrot. They form extravagantly showy beds, an unlimited rariety of colors, making a very effective display in the flower garden.


Parrot Tulip.

Admiral de Constantinople. Large red flowers, tipped with orange.
Couleur Cafe. Large brown and yellow flowers.
Cramoisi brilliant. Deep carmine, very handsome.
Gloriosa. Very large, yellow flowers, with red stripes.
Lutea Major. Large, bright yellow.
Markgraf Von Baden. Yellow, striped with scarlet and green.
Monstre Rubra Major. Very handsome, deep crimson-scarlet.
Perfecta. Yellow and red striped.
Any of the above-named varieties at 35 cts. per doz., or $\$ 2.50$ per 100 , or a collection of one of each of the above named eight sorts for 25 cts., postpaid.

Mixed Paris Tulips, per doz., 25 cts. ; per 100, $\$ 1.75$.

## LATE FLOWERING OR SHOW TULIPS.

For outdoor cultiration. This variety differs from the preceding kinds in being much taller and later in blooming; coming in full flower about Decoration Day. The flowers are of immense size, and rery rich in color.

If ordered by mail, add 5 cts. per doz. for postage. If ordered in largerelots, purchaser pays transit. Each Per doz. :Per 100
 Byblooms. Purple, violet and maroon, on white ground . . . $05 \quad 30 \quad 150$ Rosy on White. Rose, cherry-pink, on white ground . . . . $05 \quad 30150$

## GIANT, OR GESNERIANA TULIPS.

For outdoor cultivation. The tallest, largest flowering and showiest of all Tuilips for bedding purposes.
Scarlet Gesneriana. Crimson-scarlet with blue-back centre. Each 5 cts.; per doz., 30 cts.; per $100, \$ 2.00$.
Golden Gem. Yellow crown, single, deep Jellow, with narrow orange-red fringe and edge; splendid for cutting. Price, 5 cts. L-. each; per doz., 30 cts.; per $100, \$ 2.00$.

## DARWIN TULIPS.

DARWIN TULIPS belong to the late or May-flowering section, are destined to be extensively grown for bedding or massing purposes. The flowers are very large, of symmetrical form, and are borne on tall, strong stems, often two feet high. They by far surpass in colors and brilliancy anything before known in Tulips. They include almost every conceivable color and shade. from the daintiest blue to the darkest violet, from soft rose to the most brilliant red, and from light brown to what is beliered to be the darkest black in the floral world.

Price, mixed colors, 5 cts . each; 50 cts . per doz.; $\$ 3.00$ per 100 .

## CROCGS

THE CROCUS is one of the earliest flowers of spring, and occupies a prominent place in every garden. When planted as an edging, in triple lines of one or more colors, the effect is striking. No spring display surpasses that of Crocus; the broad wavy bands of golden yellow, striped, purple, or of pure white, when they expand their blossoms in February and March, are incomparable. In lawns and pleasure parks, planted in the grass, the Crocus is extremely effective. They are easily planted indiscriminately in the turf with the aid of a dibber-after fall rains have made the soil moist. The flowers and foliage are gone before the lawn needs mowing, so they do not interfere with the summer beauty of the lawn: For several years past Crocus, Snowdrops, Daffodils, etc., have been planted in our parks and lawns, in wild places, woodland walks, etc., to the great delight of visitors and enhanced decoration of the parks. In one of the parks thousands of Crocus were used in the grass, and the effect was matchless. If ordered by mail, add 25 cents per 100 for postage. Larger lots sent by express, buyer paying transit.

## Mixed Crocus.

Blue. Per doz., 10c. ; per 100, 40 cts. ; per 1000, $\$ 3.00$.
White. Per doz., 10c. ; per 100, 40 cts. ; per 1000, $\$ 3.00$.
Purple. Per doz., 10 c. ; per 100,40 cts. ; per $1000, \$ 3.00$.
Yellow. Per doz., 10c. ; per 100, 40 cts. ; per 1000, $\$ 3.00$.

Striped. Per doz., 10 cts. ; per 100, 40 cts.; per 1000, $\$ 3.00$.
All colors, mixed. Per doz., 10 cts.; per 100, 40 cts.; per 1000, \$3.00.

## Named Large Flowering Crocus.

|  | Per doz. | Per 100 |  | Per doz, | Per 100 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Albion, large striped, white and blue | . $\$ 015$ | \$0 70 | Prince Albert, large brilliant purple . | \$0 15 | \$0 70 |
| Baron von Bruno, purplish blue . | 15 | 60 | Queen Victoria, pure white | 15 | 70 |
| Caroline Chisholm, fine white | 15 | 60 | Sir Walter Scott, striped blue and whit | 15 | 70 |
| Cloth of Gold, golden, striped brown | 15 | 70 | Sir John Franklin, dark purple | 15 | 70 |
| Cloth of Silver, white, striped lilac | 15 | 60 | Versicolor, purple and white | 15 | 70 |
| David Rizzio, dark purple, large | 15 | 70 | Yellow, Large, Mammoth, per 1000, \$6.00 | 15 | 80 |
| Mont Blanc, pure white . | 15 | 70 | Yellow, Large, | 10 | 60 |
| Ne Plus Ultra, blue and white | 15 | 70 |  |  |  |

## Autumn Flowering Crocus (Colchicum.)

Colchicum Autumnale. Very effective and handsome, hardy plants, the flowers of which come through the ground without leaves in the fall, the leaves appearing the following spring. These bulbs can also be grown in the fall of the year in shallow bowls of water, or in pots of earth, when they will come into bloom in two weeks after planting, making a very pretty display at a time when blooming plants are very scarce. The flowers comprise many shades of white, purple rose and striped. Mixed sorts, 5 cts. each ; 50 cts. per doz.


Narcissus Emperor and Empress.

MAXIMUS OR HALE'S BEATEN GOLD. -One of the largest and most beautiful of this class. Very large flower, of rich, deep golden-yellow. Remarkable for an elegantly twisted perianth. Trumpet deep golden, large, well flanged and deeply fluted. The darkest and richest yellow of all Daffodils. 10 cts. each; 75 cts. per doz.; $\$ 5.00$ per 100.
PRINCEPS.-Very early. This is one of the most popular winter-flowering and forcing varieties grown. Flowers large, perianth sulphur, an immense rich yellow trumpet. 5 cts. each; 30 cts. per doz.; $\$ 2.00$ per 100 .

SIR WATKIN.-"The Giant Chalice Flower," or "Big Welshman." A gigantic variety, immense longstemmed flowers, sometimes measuring $51 / 2$ inches across, being the largest variets grown. Color a rich light yellow, with a very large dark cup, tinted with orange. (See cut.) 10 cts . each; 90 cts. per doz.; $\$ 7.00$ per 100.

STELLA.-One of the first in flower and wonderfully free-blooming. Whitestar-shaped flowers, 3 inches across. With bright yellow cups, very beautiful, and one of the most popular forcing and cutting varieties for the London flower market. 5 cts. each; 30 cts. per doz.; $\$ 1.50$ per 100 .
TRUMPET MAJOR.-Flower large and almost of a uniform deep golden. Highly prized as an early forcing sort and largely planted for outside bedding. 5 cts. each; 30 cts. per doz.; \$1.75 per 100 .
MIXED LARGE TRUIIPET NARCISSUS. -Plant liberally of these for cutting purposes and naturalizing. 30 cts . per doz.; $\$ 1.50$ per 100 .

## NARCISSUS OR DAFFODILS

In this genus we have a long list of established favorites, remarkable for their fragrance and precocity of their flowers. They are all hardy, with the excer tion of Bulbocodium and the Polyanthus varieties. Give them the same treatment as Hyacinths for outdoor cultiration.
LARGE AND MEDIUM TRUMPETS-Single Narcissus. If ordered by mail, add 12 cents per dozen for postage.
COUNTESS OF ANNESLEY,-Magnificent new yellow trumpet variety, flowers extra large. 15 cts each; $\$ 1.50$ per doz.; $\$ 10.00$ per 100.
CYNOSURE.-Large across, light yellow, with rich deep yellow broad cup; a great beauty, and one of the best for either forcing or open ground planting. 5 cts. each; 30 cts . per doz.; $\$ 2.00$ per 100.
EMPRESS.-A magnificent, large variety, bold and erect. A rare beauty. Some give this the palm of being the best of the two-colored trumpets. Perianth white and of great substance, trumpet rich yellow. (See cut.) 10 cts. each; $\$ 1.00$ per doz.; $\$ 8.00$ per 100.
EMPEROR.-One of the finest Daffodils in cultivation; entire flower of the richest Jellow, trumpet of immense size, and the petals of the perianth are so broad they overlay and measure $31 / 2$ inches across. Grand for cutting. (See cut.) 10 cts. each; $\$ 1.00$ per doz.; $\$ 8.00$ per 100.
GOLDEN SIPUR.- One of the grandest Daffodils, with extra large, bold, rich yellow flowers, foliage very broad and striking. It is of unusually robust habit, and unsurpassed for gardens, pots or forcing. Early and extremely free flowering. 10 cts. each; 90 cts. per doz.; $\$ 6.00$ per 100 .
HENRY IRVING-A magnificent flower, with beautifully frilled trumpet, nearly two inches wide at the mouth, of rich golden-yellow color. The petals of the perianth are very wide, overlapping, color bright yellow. A most perfect flower; recelved a first-class certificate. 10 cts. each; 90 cts. per doz.; $\$ 6.00$ per 100.
HORSEFIELDI.-The "Queen of the Daffodils." Very large flowers of pure white, with rich yellow trumpet. Very stately and beautiful, and one of the most elegant for ladies' corsage wear. The flowers are the largest of this class, very early and free-blooming, a grand cut flower, and eagerly sought after as one of the finest. 10 cts. each; 90 cts . per doz.; $\$ 6.00$ per 100 .


Narcissus Sir Watkin.


## POET'S NARCISSUS.

## (Miniature Saucer-Shaped Cups.)

POETICUS. The "Pheasant's Eye,"or "Poet's Narcissus," pure white flowers, with orange cup, edged with crimson. Splendid cut flower. Per doz., 20 cts.; per 100, 75 cts.
POETICUS BIFLORUS. Twin flowers, borne on one stalk, pure white, with yellow cup. Per doz., 25 cts.; per $100, \$ 1.25$.
POETICUS ORNATUS. The improved "Poeticus." A grand flower for cutting purposes. Larger and more symmetrical than the old variety and considerably earlfer. Beautiful pure white flowers, with saffron cup, tinged with rosy scarlet. a magnificent cut flower. Each, 5 cts.; per doz., 30 cts.; per $100, \$ 1.75$.

## HOOP PETTICOAT NARCISSUS.

Bold and shapely flowers. They are gems for pot culture and bear from 6 to 12 flowers to each bulb. For planting in groups around the edges of lawns, and especially for edgings of beds, this class is superbly adapted.
BULBOCODIUM. The "Large Yellow Hoop Petticoat," rich golden yellow. Each, 15 cts.; per doz., $\$ 1.20$; per $100, \$ 8.00$.
CITRINUS. The "Large Sulphur Hoop Petticoat," large sulphur flowers, unique and beautiful. Each, 10 cts.; per doz., 75 cts.; per $100, \$ 5.00$.
"ALGERIAN WHITE HOOP PETTICOAT." Pure snow-white, very early, will bloom at Christmas if potted in September. Each, 10 cts.; per doz., $\$ 1.00$; per $100, \$ 6.00$.

## DOUBLE NARCISSUS.

ALBA PLENA ODORATA. "The Double White Poet's Narcissus or Gardenia-flowered Daffodil." Double snow white Gardenia-like flowers, exquisitely scented. Each, 5 cts.; per doz., 25 cts.: per $100, \$ 1.50$.
INCOMPARABLE, fI. pl. "Butter and Eggs." Full double flowers of rich yellow, with orange nectary. Splendid variety for either forcing for winter cut flowers or for open ground planting. Each, 5 cts.; per doz., 20 cts.; per $100, \$ 1.25$.
ORANGE PHGENIX. "Eggs and Bacon," Beautiful double white flowers, with orange nectary. Splendid for pot culture and cutting or garden decoration. Each, 5 cts.; per doz, 40 cts.; per 100, $\$ 3.00$.
SULPHUR (OR SILVER) PHGENIX. "Codlins' and Cream." Large creamy white flowers, with sulphur nectary. Exquisite corsage flower, and fine for growing in pots. Each, 15 cts.; per doz., $\$ 1.50:$ per 100, $\$ 10.00$.
VON SION. (Telamonious Plenus.) The famous "Old Double Yellow Daffodil." Rich golden rellow perianth and trumpet.
One of the best forcing sorts, immense quantities being grown for this purpose in Europe and America. Each, 5 cts.; per "doz., 30 ets.; per 100, $\$ 1.75$
DOUBLE NOSE,', VON SION. Extra large bulbs, capable of producing two and three flowers each. Each, 5 cts.; per doz., 50 cts.; per 100, \$3.00.
MIXED DOUBLE NARCISSUS. Plant liberally of these for cutting purposes or for naturalizing. Each, 5 cts.; per doz, 25 cts.; per 100, $\$ 1.25$.

## NARCISSUS JONQUILLA or JONQUILS.

Much prized for their charming golden and deliciously sweet-scented flowers, perfectly hardy, and flowering very early in the spring; they are also admirably adapted for winter forcing.

SINGLE JONQUIL. The well-known favorite, delicately scented and beautiful for forcing. Rich yellow, very fragrant. Per doz.. 20 cts ., per $100, \$ 1.00$.
DOUBLE JONQUIL. Heads of small, but very double deep golden yellow flowers, powerfully fcented and good for forcing. Each, 5 cts.; per doz., 40 cts.; per $100, \$ 2.50$.
CAMPERNELLE. Large six-lobed yellow flowers, four to six on a stem, fine for forcing, and the one generally preferred by florists. Per doz., 20 cts.; per $100, \$ 1.00$.

## NARCISSUS PAPER WHITE GRANDIFLORA.

A decided improvement over the ordinary Polyanthus Paper White Narcissus, producing a vigorous growth and a very large truss, bearing beautiful clusters of large, pure white flowers. This variety of Narcissus is grown in the southern part of France, and generally arrives here about August 15 or September 1, and if planted about that date, they can be brought into bloom as early as Thanksgiving Day, and when several bulbs are planted together will keep in bloom longer than a month, providing they are kept in a cool place. Give the bulbs the same treatment as you would any other Narcissus for indoor culture, except when grown in shallow dishes, as described below:

## How to Grow Narcissus Paper White Grandiflora in Water.

A very unique, simple and novel way to grow this variety of Narcissus is to place six or eight bulbs in a shallow glass or China bowl with water. Support the bulbs with pebbles or gravel as you would the Chinese Sacred Lily bulbs and you will have a beautiful and luxuriant display of elegantly perfumed flowersin a comparatively short time; in fact, inside of six weeks after planting if desired. After the plants have been set, place the bowls in a dark place untíl the roots have started, when you should bring them to the light. Keep the bowls filled with water and the bulbs will take care of themselves. Price 5 cts. each; 40 cts. per doz.; $\$ 2.00$ per 100.


Narcissus Paper White Grandiflora.
Queen of the Netherlands. Extra fine clusters of satiny white flowers, with citron-colored cups, profuse bloomer
Paper White. Pure snow-white flowers in clusters. This variety is perhaps more largely
forced for cut flowers than any other, millions of them being used. . . . . . . . . . .
Mixed, White Sorts . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Mixed, Yellow Sorts . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Mixed, All Colors . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

## The Chinese Sacred or Oriental Narcissus.

The "Shui Sin Far," or Water Fairy Flower, Joss Flower, or Flower of the Gods, etc., as it is called by the Celestials, is a variety of Narcissus, bearing in lavish profusion chaste flowers of silvery white, with golden-yellow cups. They are of exquisite beauty and entrancing perfume. It is grown by the Chinese, according to their ancient customs, to herald the advent of their new year and as a symbol of good luck.

The bulbs are grown by a method known only to themselves, whereby they attain great size and vitality, ensuring luxuriant growth and immense spikes of flowers; in fact, the incredibly short time required to bring bulbs into bloom (four to six weeks after planting) is one of the wonders of nature. "You can almost see them grow," succeeding almost everywhere and with everybody. They do well in pots of earth, but are more novel and beautiful grown in shallow bowls of water, with enough of fancy pebbles to prevent them from from toppling over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter.

Price, buyer paying transit, 10 cts . each; $\$ 1.00$ per doz. ; $\$ 7.50$ per 100.

# MISCELLANEOUS BULBS AND ROOTS. 



Agapanthus.

## AGAPANTHUS.

## (AFRICAN LILY.)

Splendid and useful' ornaments in pots or tubs for lawns, piazzas, or for the decoration of the conservatory. Foliage is of a rich green, flowers are borne in immense clusters, which measure 20 to 30 inches in diameter.

If ordered by mail, add 5 cts . each for postage. Umbellatus, bright blue; each, $20 \mathrm{cts}$. ; per doz., $\$ 2.00$.

## AMARYLLIS.

All the varieties in this list are of the easiest cul ture; the great secret being to give them alternately a season of growth and one of rest. To do this well, the plants should be abundantly supplied with water and heat, and placed near the glass when they are coming into flower, and water should be withheld from them gradually when they have ceased flowering, when they should be laid a way in a dry, cool place. The soil suitable for their culture is a rich loam, one-fourth part of well-rooted manure and a slight proportion of sand.

If ordered by mail, add 5 cts . each for postage.
Aulica, crimson, shaded with lively green . . . . . $\$ 100$
Belladonna Major, large violet and white .
15
Equestris (the Barbadoes Lily), bright orange scarlet, with white throat.

Formosissima (Jacobean Lily), brilliant scarlet
Johnsonii, crimson, striped with white ..... 50
Defiance. carmine-red, bars white, running through petals ..... 100
Vittata, white, red stripes ..... 60

## ANOIIATHECA.

Cruenta. Interesting little bulbous-rooted plants from the Cape of Good Hope. As they are not hardy north of Washington, they require the protection of a cold frame in cold climates. Flowers are of a bright rosy carmine, blotched with crimson. Very floriferous. Each, 5 cts.; per doz., 35 cts.; per 100. $\$ 2.50$.

## ALLIUM.

The varieties we offer are among the most beautiful for pot culture or garden decoration. They are of the easiest culture.
Azureum. Truly beautiful, either for pot or garden culture, being quite hardy, flowers deep azure-blue, borne in large umbels; height 1 to 2 feet. 10 cts. each; $\$ 1.00$ per doz.
Aureum (Moly, or Golden Allium). One of our most showy border plants, perfectly hardy, bearing large umbels of golden-yellow flowers in June. A very old favorite, and fine for naturalizing in the garden, where it forms large clumps; height 1 foot. 3 for 10 cts .; 25 cts. per doz. ; $\$ 1.00$ per 100 .
Neapolitanum. Another excellent variety for winter flowering, now extensively forced by florists for cut flowers, being of pure white, with green stamens, borne in large loose umbels; height, 15 to 18 inches. 3 for 10 cts ; 20 cts . per doz. ; $\$ 1.50$ per 100.
Roseum. Flowers pink, borne in large umbels. 5 cts. each; 50 cts. per doz.

## ARUMS.

A class of odd perennial bulbous plants, with peculiar and distinct foliage and flowers. They are of easy culture, requiring rich soil and plenty of water during growing season. The dracunculus is the only variety that is hardy. The others should be potted in the autumn and kept dormant until spring.

If ordered by mail, add 3 cts . each for postage.
Crinitum, marible stem
Dracunculus (Dragon flower) . . . . . . . . . . . 15
Maculatum album, white flowers, foliage spotted. . 15
Palæstinum sanctum, new Black Calla, dark green foliage; black spathe and black spadix.


Allium Neapolitanum.

## ANEMONES .

Very showy flowering plants, valued for their hardy nature, and also because they will flower at any required season, according to the time the roots are kept out of the ground. May be grown in pots or forced in frames.
Single Poppy Flowered. These handsome Single Anemones have large beautiful saucer shaped, poppy like blossoms, flowering continuously throughout spring and early summer.

Helene Maria. Blue
The Bride. Pure white
Scarlet. Very brilliant
Single mixed.

Each 5 cts. ; per doz., 40 cts.

## DOUBLE FLOWERING VARIETIES.

Blue Incomparable. Dark Blue . . . . Each, 5 cts. ; per doz., 40 cts.

> Ceres. White, veiled with rose.
"، 10 "


## CHIONODOXA, or glory of the snow.

Most charming spring-flowering bulbs. They produce flower spikes bearing ten to fifteen Scilla-like flowers. They are perfectly hardy, and will thrive in any good garden soil. Fine for pot culture for winter-blooming.
Luciliæ. Bright blue, with clear white centre. Each, 3 cts. ; per doz., 25 cts. ; per $100, \$ 1.25$.
Sardensis. Very deep blue. Each, 3 cts. ; per doz., 25 cts. ; per 100, \$1.25.
Gigantea. Flowers very large, of a lovely lilac-blue, with conspicuous white centre. Finest of all. Each, 3 cts. ; per doz., 25 cts. ; per 100, $\$ 1.75$.

## BRODIAEAS.

Very curious, half hardy little bulbous rooted plants from California, with umbels and clusters of Lily-like flowers, of various colors. They are easily forced in the greenhouse or cold frames, or will flower in June if planted out in early spring.
Coccinea (Vegetable Fire-cracker), rich blood-crimson, tipped with white. Each, 10 cts. ; per doz., 75 cts.
Laxa, large blue flowers, shaded to purple. Each, 10 cts.; per doz., 75 cts. Lactea, white, with green stripes. Each, 10 cts ; per doz., 75 cts .
Stellaris, finest of all ; rich purple flowers, with white centres. Each, 10 cts. ; per doz., 75 cts .
Mixed varieties, 3 for 10 cts ; 35 cts . per doz.

## CAMASSIA,

Perfectly hardy, thriving in sheltered and partly shaded situations, very handsome and valuable for flower borders. 3 for 10 c . ; 30c. a doz. ; $\$ 2.00$ a 100 .


Chionodoxa.

## BABIANA.

A genus of Cape plants, bearing very showy flowers of various colors, from the richest carmine to the brightest blue. As they are not hardy north of Washington, they require the same treatment as the Anomathecas. Mixed colors, each, 5 cts.; per doz., 50 cts. ; per $100, \$ 3.50$.

## CALOCHORTUS.

## (CALIFORNIA OR BUTTERFLY TULIPS.)

This genus contains some of our gayest and most beautiful halfhardy bulbs. The flomers somewhat resemble the Tulip in shape. They grow freely in light sandy loam, but should have slight protection in winter. They flower from July until September.
Mixed, all colors.
35 cts. per doz.

## CROWN IMPERIALS.



Well-known hardy border plants, bearing clusters of immense pendant bell-shaped flowers, surmounted. with a tuft of green leaves. They do better if planted in good rich soil and may be left undisturbed for years.

If ordered by mail, add 5 cts. each for postage.


Each
Aurora, red . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 015$
Crown on Crown, several whorls of flowers, one above the other 20
Gold Striped, crimson, variegated foliage . . . . . . . . . . 25
Sulphureus, sulphur-yellow . . . . . . . . . . . . . . . . . 20
Mixed Varieties. 10

## ERYTHRONIUM. <br> (DOG'S TOOTH VIOLET.)

A genus of small growing, bulbous-rooted plants that succeed best in rather moist, partially shaded position.
Grandiflora. Beautiful straw-colored Lily-like flowers. Each, 5cts.; per doz., 35 cts.

## FRITILLARIA.

## (GUINEA HEN FLOWER.)

Showy spring-flowering bulbs, bearing large pendant bell-shaped flowers of various colors. They are especially desirable for border work, are equally so for pot culture. They delight in very rich soil, and can remain a number of years without heing disturbed.

Recurvata. Flowers bright scarlet, and lightly spotted with yellow. Each, 10c. ; per doz., \$1.00.

Meleagris. Various colors, mixed ; each, 5c. ; per doz., 30c.
Aurea. Flowers large golden-yellow, with black-brown spots. Each, 10c. ; per doz., \$1.25.

## CYCLAMEN PERSICUM GIGANTEUM.

We have a magnificent strain of this most desirable greenhouse bulb, which has been grown especially for us, and which we know to be far superior to any stock heretofore offered.
Large Size Bulbs. Each, 25cts.; per doz., $\$ 2.00$.


## ERANTHIS HYEMALIS. <br> (WINTER ACONITE.)

Early in spring the golden blossoms of Winter Aconite look charming, resting on an emerald-green cushion of leaves, and forming a striking contrast to the pure white Snowdrop, Spring Snowflake, and the lovely blue Scillas and Chionodoxas, 3 to 8 inches high. 2 for 5 cts ; 25 cts. per doz. ; $\$ 1.50$ per 100.

## FREESIAS.

Refracta alba. Pure white. One of the most popular and charming bulbs for pot culture, flowering in the winter in the conservatory or window garden. They force very easily, and can be had in bloom by Christmas if started in pots in the month of September. Plant half a dozen bulbs in a four inch pot, in good rich soil, water well, and keep them at a temperature of 60 degrees. By having a number of pots in a cold frame they can be bronght in at intervals, thereby having a succession of blooms throughout the winter. Each, 3cts.; per doz., 250cts.; per 100, $\$ 1.25$; per 1000, $\$ 10.00$.

## IXIAS.

Very desirable for pots or for the open ground. They require for outdoor planting the same treatment as Dutch Hyacinths, except that they should be more heavily mulched.
If ordered by mail, add 5cts. per dozen for postage.
Extra choice mixture of $2 \check{5}$ named varieties. Each 5̃cts.; per doz., 25cts ; per 100, \$1.25.

## SPARAXIS.

They were formerly included in the genusixia, and bear a close resemblance to them; the main points of difference being that the Sparaxis are of more compact habit of growth. the flowers more bold, and somewhat larger, and the flower spikes are not more than half


Iris Kœmpferi.

as high, rarely growing more than six inches. Especially desirable for the window garden.
If ordered by mail, add 5 cts . per dozen for postage.
Splendid mixed varieties. Per doz., 20cts.; per 100, $\$ 1.25$

## GERMAN IRIS. <br> (IRIS GERMANICA.)

This variety is the true "Fleur-de-Lis." the national Flower of France They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water.
Mixed varieties. Each, 10cts.; per doz., $\$ 1.00$.
English (Angelica). Large handsome flowers, with rich purple, blue and lilac colors predominating. Perfectly hardy. Mixed varieties. 3 for $10 \mathrm{cts} . ; 25 \mathrm{cts}$. per doz.; $\$ 1.50$ per 100. By mail, \$1.75 per 100.
Spanish (Hispanica). This variety is well adapted for pot culture, blooming in the winter, earlier than the English, but smaller ; beautiful shades of violet, yellow, blue and white. Mixed varieties, two for $5 \mathrm{c} ; 20 \mathrm{c}$. a doz.; $\$ 1.00$ a 100 . By mail, $\$ 1.15$ a 100.

## JAPAN IRIS.

## (IRIS KAMPFERI). Due early in October.

The magnificence of these new Irises surpasses description. The flowers are of enormous size, averaging from 8 to 10 inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue; each flower usually representing several shades, while a golden-yellow blotch, surrounded by a halo of blue or violet at the base of the petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in great profusion in July and August, and attains greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering. (See cut.)
Kæmpferi, or Japan Iris, mixed, single varieties, each, 15cts.; per doz., \$1.50.
mixed, double varieties, each, 20cts.; per doz , $\$ 2.0$.

## LILIES.

All lilies delight in rich soil, such as is afforded by a mixture of loam and well-rotted manure. When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the autumn give the bulbs a heavy mulching of leaves, coarse manure or boughs will prove highly beneficial. Plant all lilies at least six inches deep. When lilies are ordered at 100 rates buyer pays transit.

## LILIUII AURATUM.

(The Golden-Banded Lily.) Finest of all hardy lilies; flowers white, spotted with maroon, having a bright yellow band through the centre of each petal. Extra large bulbs, each, 20c.; doz., \$2.50. First size bulbs, each, 15 c . ; doz., \$1.50
Lilium Batemanni, bright apricot
tinted flowers. Each, 20c.; doz., $\$ 2.00$.
Lilium Brownii, creamy white, shaded with chocolate-crimson; an extra large and fine lily. Each, 25 c . ; doz., \$2.50.
Lilium Canadense (Meadow Lily), yellow spotted. Each, 10c.; doz., \$1.00.
Lilium Candidum (Annunciation, Madonna, or St. Joseph's Lily). The well-known garden Lily ; pure white. Each, 10c. ; doz., $\$ 1.00$.
Lilium Longiflorum, pure white, trumpet-shaped flowers; 5 to 7 inches in circumference. Each, 10c. ; doz., 75c.
7 to 9 inches in circumference. Each, 15c.; doz., $\$ 1.50$
9 to 11 inches in circumference. Each, 30c. ; doz., $\$ 3.00$.
Lilium Martagon, purplish red, spotted with dark purple. Each, 15c. ; doz., \$1.50.
Lilium Pardilinum, bright orange-red, light yellow centre. Each, 20c.; doz., \$2.00.
Lilium Parvum, orange-yellow, spotted with purple. Each, 15 c . ; doz., $\$ 1.25$.
Lilium Philadelphicum. orange-red, with black spots. Each, 15c. ; doz., \$1.25
Lilium Superbum (Turk's Cap Lily), deep orange-red, thickly spotted. Each, 15c.; doz.; $\$ 150$.


Lilium Harrisii.

## LILIUM LANCIFOLIUM.

Lilium Speciosum Album (Lancifolium), white. Each, 20c.; doz., $\$ 2.00$; extra size, each, 30c. ; doz., \$3.00.

Lilium Speciosum Præcox, white. Each, 20c.; doz., $\$ 2.00$; extra size, each, 30c.; doz., \$3.00.

Lilium Speciosum Roseum, rose. Each, 15c. ; doz., \$1.50; extra size, each, 25c. ; doz., $\$ 2.50$.

Lilium Speciosum Rubrum, deep rose. Each, 15c.; doz., \$1.50; extra size, each, 25c.; doz., $\$ 2.50$.

Tigrinum (Tiger Lily), orangesalmon. Each, 10c.; doz., $\$ 1.00$.

Tigrinum fl. pl., double Tiger Lily. Each, 10c. ; doz., \$1.00.

Tenuifolium (Siberian, or Slender Leaved Lily), brilliant scarlet flowers. Each, 30c.; doz., $\$ 3.00$.

Washingtonianum, very fragrant flowers, changing from pure white to various shades; purple and lilac. Each, 35 c .; doz., $\$ 3.50$.

Wallichianum Superbum-(The East India Yellow Lily.) The flowers are funnel-shaped, slightly recurved, and from 6 to 12 inches long. The color of the flowers is most charming, the interior yellow, passing to white, and often tinted pink; the exterior is yellow, flushed with purple, in streaks; very fragrant. Each, $\$ 1.75$

## LILIUM HARRISII. <br> THE TRUE BERIUDA EASTER LILY.

This beautiful lily has pure white trumpet-shaped flowers, delightfully fragrant, which can be kept for two weeks after being cut. The bulbs are perfectly hardy, except in northern climates, making it a desirable garden plant. Or they can be forced to bloom for Christmas by putting the bulbs in August, or be held back so as to bring them into bloom in time for Easter.

Complete cultural directions for forcing Lilium Harrisii mailed upon application.

## PRICES OF BERMUDA EASTER LILY.

First size bulbs, 5 to 7 inches in circumference, each, 10 c. ; per doz., $\$ 1.00$; per 100, $\$ 7.00$. Extra size bulbs 7 to 9 inches in circumference, each, 25c. ; per doz., $\$ 2.00$; per 100, $\$ 15.00$. Mammoth bulbs, 9 to 11 inches in circumference, each, 35 c. ; per doz , $\$ 4.00$; per $100, \$ 30.00$.

## The Bermuda "Buttercup" Oxalis.

An Unrivaled Winter-Flowering Pot Plant of the Easiest Culture, Succeeding with Everybody.


THIS is one of the finest winter-flowering plants for pot culture that we have ever seen; it is such a strong, luxuriant grower that one bulb will be sufficient for a 6 or 8 inch pot. Place in a dark, cool position for several days to root thoroughly, and remove to a sunny situation in the window or conservatory in a temperature of about $60^{\circ}$ Fahr., and the great profusion of bloom produced in uninterrupted abundance for weeks will astonish and delight you. The flowers are of the purest bright buttercupyellow. Well grown plants have produced as high as seventy flower-stems at one time, and over 1000 flowers in one season. The flowers, and frequently the leaves, fold up at night and open again the next morning, but when grown in a partially shaded situation the flowers remain open all the time. Properly treated, the plant will flower in six weeks from the time the bulbs are planted. We do not claim the Bermuda "Buttercup" Oxalis to be strictly a new plant, but a greatly improved selection from Oxalis cernua, grown in the congenial soil and climate of Bermuda until the bulbs have attained great strength, producing bulbs, plants and flowers larger and more luxuriant in all parts than the type. (See Cut.) 5 cts . each; 50 cts . per doz.

## OXALIS.

Very desirable and charming plants, particularly adapted for pot culture in the greenhouse or window garden. Plant the bulbs in September or October and keep in a moderate te mperature. They are of the easiest culture and will bloom profusely during the winter months.
Alba, white. Each, 3c. ; per doz. ; 25c. ; per 100, \$1.75.
Bowiei, crimson. Each, 3c. ; per doz., 25c. ; per 100, \$1.75.
Lutea, yellow. Each, 3c.; per doz., 25c.; per 100, \$1.75.
Lutea. fl. pl., double yellow. Each, 3c.; per doz., 25c.; per 100, \$1.75.
Rosea, rose. Each, 3c.; per doz., 25c., per 100, \$1.75.
Versicolor, crimson and white. Each, 3c.; per doz., 25c.; per 100, $\$ 1.75$.
Mixed. Each 3c.; per doz., 25c.; per 100, \$1.00.

## LILY OF THE VALLEY.

The Lily of the Valley is a plant so well-known and such a universal favorite that little need be said in its description. If they are to be forced during the winter place the pips in shallow boxes during the month of November, put them in a cold frame or in the open ground, covering them so that they do not get severely frozen. They should remain in this condition for at least four weeks previous to being forced. They should be kept covered with boards or any light covering until the pips have attained a height of four inches, when the covering may be lifted a few inches to admit air and light. When they are six inches high remove the covering altogether. If required for outdoor culture, plant in some partially shaded spot where they may remain for years without being disturbed.

## LARGE FLOWERING "RUSSIAN."

The Russian Valley produces strong spikes of flowers about 15 inches in height, bearing from 12 to 20 extra large pure white bells, which are delightfully fragrant. Per bundle, 25 pips, $\$ 1.00$; per $100, \$ 3.00$; or buyer paying transit, $\$ 20.00$ per 1000 .
EXTRA SELECTED BERLIN AND HAMBURG LILY OF THE
Per 25 (one bundle), 60 cts.; per $100, \$ 2.00$; or buyer paying transit, $\$ 15.00$ per 1000 .

## LILY OF THE VALLEY CLUMPS. For Outdoor Planting.

Each, 30 cts ; per dozen, $\$ 2.00$, buyer paying transit.


Lily of the Valley.

## GLADIOLUS.

The Bride (Colvillei Alba), pure white. Very largely grown by florists for decorative purposes. The bulbs should be potted as early in the fall as possible. After potting, water thoroughly, place them under a bench, or in some moderately dark place, until they commence to grow, then bring them forward into a moderately heated house. Each, 5 cts. ; per doz., 25 cts. ; per 100, $\$ 1.75$. If ordered by mail, add 5 c . per doz. for postage.

## GLOXINIA.



Lachnalias.
supplied with water. The plants must be treated in this way until nearly spring, gradually withholding water until May, when complete rest should be given them. They will come into flower about September, previous to which time watering should again commence.
Fothergilli Major, produces clusters of large, waxypetalled, Lily-like flowers of the most glittering vermilion-scarlet. Each, 60c.; per doz., \$6.00.
Sarniensis (True Guernsey Lily and Japanese Spider Lily), produces clusters of bright crimson flowers. Each, 25 cts. ; per doz., $\$ 2.50$.

## SPRING SNOWFLAKES.

## (Leucojum Vernum.)

These produce flowers like monster Snowdrops, having the delicate fragrance of the Violet. It is one of our earliest spring flowers, with white blossoms distinctly tipped green; handsome in outline and prized for bouquets. Very graceful in growth, they should be grown in quantities in the borders or in clumps on the edges of shrubbery, where they are beautifully effective, and when established produce enormous quantities of flowers, They can also be slowly forced into pots for winter bloom. 3 for 10 c . ; 30c. per doz. ; $\$ 2.00$ per 100 .

Most desirable greenhouse plants. The richness of their foliage, and their graceful and delicate tinted flowers, have gained for them a prominent place among the more choice flowering plants.

Extra choice mixed varieties. Each, 20 cts ; per doz., $\$ 2.00$.

## LENTEN or CHRISTMAS ROSE.

Helleborus Niger, perfectly hardy, grows freely in almost any position, and if grown in the house or in frames will bloom from December all through the winter months. 30 cts . each ; $\$ 3.00$ per dozen.

## LACHNALIAS.

Beautiful, early spring-flowering bulbs for window garden decoration. The spotted foliage and spikes of brilliant flowers render them exceptionally striking.
Nelsoni, large golden-yellow flowers, in long racemes, with wonderful freedom, lasting in flower in a cool house nearly two months. 40 cts . each; $\$ 4.00$ per dozen.
Pendula, red, tipped with green and yellow. 25 cts. each; $\$ 2.5 \mathrm{C}$ per dozen.
Luteola, green, yellow and red. 25 cts. each; $\$ 2.50$ per doz.

## NERINE (Guernsey Lily.)

Very interesting greenhouse bulbs. To flower well they must be grown in considerable heat in autumn, and have as much light as possible, and must at all times be liberally


Nerine Sarniensis.


Scilla Siberica.

## ASTILBE, OR SPIRAEA.

Japonica (Ready in November). The flowers are borne in large, feathery panicles of white, and last a long time in bloom. Large quantities are forced by florists, though a perfectly hardy herbaceous plant. This is undoubtedly one of the most beautiful and graceful subjects grown, its foliage and flowers combined making it one of the finest gems for winter and spring decoration in the house and conservatory, while for grace and elegance as a cut flower it is unequaled. 15 cts. each; $\$ 1.50$ per doz. ; or buyer paying transit, $\$ 6.00$ per 100 .
Astiboides Floribunda. A great improvement over Japonica, producing very large white feathery plumes and dark green foliage. 30 cts. each; $\$ 3.00$ per doz.
Nana Compacta Multiflora. Its merits consist in compact growth, ample foliage of brilliant green, and its wonderfully free production of feathery white flowers, borne in plume-like panicles of magnificent proportions, will entirely supersede the original variety, as the individual flowers and spikes are twice the size and much freer blooming. Strong imported clumps ready in November. 20 cts. each; $\$ 2.00$ per doz.

## SCILLAS.

Most charming and desirable spring flowering bulbs. The flowers resemble the Hyacinth, but are much smaller; their colors are more intense, and they come into flower much earlier. As an edging, or for filling small beds, if planted sufficiently thick, the effect is matchless. Treat in the same manner as Hyacinths for outdoor culture, or for pots in the window garden.

Each Per doz. Per 100
Hyacinthoides (Nutans). The Spanish Hyacinth, fine blue $\$ 005 \quad \$ 025 \quad \$ 200$
Peruviana, or Clusi (The Peruvian Hyacinth, or Cuban
Lily). Ultramarine blue; not hardy.

10
Siberica, deep dark blue . . 05
Biflora, bright blue . 05

Campanulata(Wood Hyacinth) blue .
" alba, white
05
"، rosea, rose . . . 05
05
05

100
20
25
075
100
25
150
25
25150

## SNOWDROPS.

These elegant little flowers, the first to open in spring, should be found in every garden, not only because they are the earliest spring flowers, but because they are the loveliest. The Snowdrop thrives in almost any situation or soil, and should be planted as early in the autumn as possible, as they suffer much if left long out of ground.


## DOUBLE CHINESE PAEONIES.

A well-known garden favorite of easy culture, bearing flowers of great size and in magnificent rich colors, combined with handsome and massive foliage. If ordered by mail, add 5 cents each for postage.

| Double | White. | $\begin{aligned} & \text { Each, } \\ & \$ 025 \end{aligned}$ | $\begin{aligned} & \text { Per doz. } \\ & \$ 250 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| " | Rose | 25 | 250 |
| " | Crimson | 25 | 250 |
|  | Mixed. | 25 | 250 |

Arborea (True Pæony), mixed colors . . . 150

## DAY LILIES, OR HEMEROCALLIS.

(Ready in October.) Very ornamental hardy plants, having elegant foliage and handsome, delicately perfumed flowers. They are of the easiest culture in any ordinary garden soil, and form admirable clumps. The flowers are somewhat ephemeral, but are produced successively and in great abundance. Although perfectly hardy, they bear greenhouse forcing well in a temperature of 50 degrees, if wanted for blooming in the winter.
Flava. (The Yellow Day Lily.) Bright light yellow, very fragrant, fine for cutting; 2 to 3 feet high. 20 cts . each ; $\$ 2.00$ per doz; or, if buyer pays transit, 15 cts . each; $\$ 1.50$ per doz.
Kwanso, fl. pl. folia variegata. Magnificent double-flowervariety, with large beautifully variegated foliage, very ornamental even when not in bloom; flowers large and of reddish orange. 25 cts. each; $\$ 2.50$ per doz.; or, if buyer pays transit, 20 cts. each; $\$ 2.00$ per doz.


## TRILLIUM.

Grandiflorum. (Great American Wood Lily.) This is one of the most beautiful American plants, perfectly hardy, growing and flowering profusely in partially shady nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose; if grown several in a pot, it makes one of the best white winter flowers. 5c. each; 50c. per doz. $\$ \$ 3.75$ a 100.
Sessile Californicum. A beautiful variety, with mottled foliage. Flowers pure white. 10 cts. each ; $\$ 1.00$ per doz.

French mixed

## RANUNCULUS.

Very charming, dwarf-flowering bulbs, of various bright and attractive colors. Plant late in the autumn, about three inches deep, and protect by straw or leaves.

| Each. | Per doz. | Per 100 |
| ---: | ---: | ---: |
| $\$ 005$ | $\$ 030$ | $\$ 100$ |
| 05 | 30 | 100 | 05 05

30
100

## Turban mixed, hardiest sort

## ORNITHOGALUM ARABICUM. <br> (STAR OF BETHLEHEM.)

Very desirable for pot culture in the window garden, The flowers are large, pure white, with a black centre, borne on a tall spike. In pots they should be treated in the same manner as the Hyacinth. At 100 rate buyer pays transit. Each, 10 cts ; per doz., 65 cts ; per 100, $\$ 4.00$.

## STERNBERGIA.

One of the most charming and useful of autumnal flowering bulbs. The flowers, which are produced from September to November, are much like a Crocus, but larger, and the petals more fleshy and of such firm texture that they withstand any amount of bad weather, brightening up our gardens long after other flowers are gone. They are not only very hardy, but increase rapidly.
S. Lutea. Large, pure yellow, Crocus-like flowers, which are produced with the leaves during late autumn. This is supposed by some writers to be the true Lily of Scripture, as it grows abundantly in the vales around Palestine, etc. 3 for 10 cts ; 30 cts . per doz. ; $\$ 2.50$ per 100.

## TROPAEOLUM.

Beautiful and graceful climbing plants for the conservatory or window garden, producing in the early spring months richly colored flowers. They can be grown in pots and trained over low trellises-or as a bracket plant in the window.
Jarrattii. Scarlet, yellow and black. 15 cts. each; $\$ 1.50$ per doz.

## TRITONIA.

Exceedingly bright and free-blooming bulbous plants, highly valuable for both garden and pot culture. A dozen roots in a 10 -inch pot will, in the autumn, make a beautiful display. The bulbs should be grown in pots, in a cold frame, during winter, and they can either be brought into the conservatory toward spring for blooming or the bulbs can be kept dormant and planted out in May, like Gladioli, and then be lifted in the autumn for winter blooming.
Mixed Colors. 3 for 10 cts. ; 30 cts. per doz.; $\$ 2.00$ per. 100.

## TRITELEIA.

Uniflora. (Spring Star Flower.) A perfect little gem for either pot culture or for borders. Each bulb produces several pretty star-shaped flowers, one or two inches across, of a delicate milky white, suffused with blue, and emits the perfume of Primroses. 2 for 5 cts. ; 20 cts . per doz. ; $\$ 1.00$ per 100 .

## VALLOTA.

Purpurea. (Scarborough Lily.) A valuable free summer and autumn bloomer; color, rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for conservatory or window decoration, or it can be grown continuously in pots or tubs, as it improves with age. Requires repotting but seldom, a ad can be left to grow, blossom and increase for several years, as well-established plants when in flower are simply magnificent. We know of no plant that will give more continued delight than this. It is one of the few really good window plants. 30 cts. each ; $\$ 3.00$ per doz.

## ZEPHYRANTHES.

"Zephyr Flowers" and "Flowers of the West Wind," among our most beautiful dwarf bulbous plants; very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture; 6 to 12 bulbs clustered in a 6 -inch pot in the autumn will give a fine display of bloom during the winter in the window garden or conservatory. One foot high.
Atamasco. White, suffused with flesh color, hardy. We know of borders of it as far north as Connecticut that have stood the cold of several winters. 5 cts. each; 50 cts. per doz. ; $\$ 2.50$ per 100.
Candida. Large flowering, pure white. 3 for 10 cts.; 30 cts. per doz., $\$ 2.00$ per 100.
Rosea. Large flowers, 3 to 4 inches across, the most exquisite rose pink. 5 cts. each ; 50 cts. per doz. : $\$ 3.00$ per 100 .
Sulphurea. Large light yellow flowers, dark foli»ge. 5 cts. each ; 50 cts. per doz. ; $\$ 3.00$ per 100 .


This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places, attaining a height of 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. During the summer the leaves are a rich shade of green, and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance.

Prices:-First size, pot grown, 2 to 3 feet, 50 cts. each; $\$ 4.50$ per dozen. Second size, pot grown, 1 to 2 feet, 30 cts. each; $\$ 3.00$ per dozen. Third size, pot grown, 6 to 9 inches. 15 cts. each; $\$ 1.50$ per dozen.
A. Quinquefolia. The old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Large plants 50 cts. each.
Apios Tuberosa. A valuable, hardy, tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. Plant the bulbs near the trellis, fence, tree or any place where you may wish a climber. They grow to a great height and bloom profusely, The bulbs are perfectly hardy, and should not be taken up over winter. 15 cts . each, $\$ 1.50$ per dozen.
Aristolochia Sipho (Dutchman's Pipe). Large, showy, light green foliage, flowers long and pipe-shaped, hence the name. 50 cts.
Bignonia Grandiflora. Scarlet Trumpet Vine. A most rapid grower, flowers in large bunches of a rich orange-scarlet.

Honeysuckles. Yellow, coral or scarlet, white, pink, evergreeen and golden leaved, fine plants.
Lonicera Belgica. The grandest of all Honeysuckles, and always scarce. Everblooming and very fragrant. Flowers bright red, with yellow and buff markings, at the end of the tubes. 50 cts.
Wistaria Sinensis (White). Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. Plants average from 3 to 5 feet in length. 75 cts . and $\$ 1.50$ each, according to size. Smaller plants 30 cts . each.
Wistaria Sinensis (Blue). Flowers in drooping clusters, like a bunch of grapes; color soft lavender-blue; fragrant.
All of the above Hardy Climbing Plants at 25 cts. each, $\$ 2.50$ per dozen, except where noted.

## Hardy Flowering Shrubs.

Amygdalus. (Flowering Almonds.) Red and white. 50c Azalea Amœna. Small double reddish-purple flower 75 cts. each.
Althea, Double White. Beautiful shrub, double fiowers. Althea, Double Red. Similar to above, except in color, which is red.
Calycanthus Floridus. Strawberry-scented shrub.
Deutzia Crenata. Pure white, tinged rose color.
Deutzia Gacilis. Pure white throughout, low compact habit.
Forsythia Viridissima. Yellow flowers, blooms very early. Hydrangea Paniculata Grandiflora. Price 15 cts., 25 cts., 50 cts., or $\$ 1.00$ each.
Japan Snowball. (Viburnum Plicatum) Price 50 cts. each, $\$ 4.50$ per dozen.
Philadelphus Coronarius. The popular Syringa or Mock Orange.

Lilac The well-known purple flowering variety.
MAGNOLIAS. (Hardy varieties.) Conspicua, pure white; Lennei. pink, with purple base; Soulangeana, creamy white and purple; Speciosa, silvery white; Purpurea, purple; Tripetala (Umbrella Magnolia). All extra large trees, 4 to 5 feet high, at $\$ 3.00$ each.
Rhododendron, Grafted. Named sorts, $\$ 1.50$ each, $\$ 15.00$ per dozen. Extra size, $\$ 2.00$ each, $\$ 20.00$ per dozen.
Spiræa Thunbergii. Flowers white, foliage graceful as a fern.
Viburnum Opulus (Snowball). Large drooping white flowers.
Weigelia Candida. Pure white flowers, blooms in fall.
Weigelia Rosea. Rich rose colored flowers.
Weigelia Variegated. Rose color, foliage marked white.
Yucca (Adam's Needle). 40 cts. each, $\$ 4.00$ per dozen.
60 cts . each, $\$ 6.00$ per dozen.

All the shrubs on this page we can supply at 30 cts. each, $\$ 3.00$ per dozen, except where noted.

## PALMS AND DECORATIVE PLANTS.



Kentia Belmoreana.

Latania Borbonica ( F a n Palm). This fine Palm is too well known to need any extended description. Price, 3 -in. pots, 25 c. each, $\$ 2.25$ per doz; 4 -in. pots, 40 c . each $\$ 4.00$ per doz.; 5-in. pots, $\$ 1.00$ each, $\$ 9.00$ per doz.; 6 -in. pots, $\$ 1.50$ and $\$ 2.00$ each; 7 -in. pots, $\$ 3.00$ each.
Kentias Belmoreana and Forsteriana. The Kentias are among the best of the Palm species for general cultivation. (See cut.) Price, strong plants, 3 feet high, $\$ 3.50$ each; second grade, fine plants, $\$ 2.00$ each; plants from 5 -in. pots, $\$ 1.00$ each, $\$ 9.00$ per doz.; from 4 in. pots, 50 c . each, $\$ 4.50$ per doz.; from 3 -in. pots, 35 c . each, $\$ 3.50$ per doz.
Pandanus Utilis. Pandanus is perhaps the most useful of our ornamental foliage plants. As a vase plant, or single specimen in greenhouse or conservatory, it cannot be surpassed. (See cut.) Price. 7 -in. pots, $\$ 200$ each.


Pandanus Utilis.

Pandanus Veitchii. This is a grand decorative plant, creamy white variegation. Fine plants, 6 -in. pots, $\$ 2.00$ each; 8 -in. pots, $\$ 4.00$ each.
Livistona Rotundifolia. One of the prettiest Palms in cultivation, especially suited for table decoration. The foliage, which is similar to Latania Borbonica, but smaller, is gracefully recurved so as to form almost perfectly round plants; in fact, it might be called a miniature Latania. Fine plants, from 5 -in. pots, 4 to 5 character leaves, $\$ 2.00$ each.

Areca Lutescens. This majestic Palm is without a peer for strength and elegance combined. Price, young plants, from 3 in. pots, 30 c . each, $\$ 3.00$ per doz.; from 4 -in. pots, 50 c . each, $\$ 5.00$ per doz.; from 5 -in. pots, $\$ 1.00$ each, $\$ 9.00$ per doz. Specimen plants, $\$ 2.00, \$ 3.00$ and $\$ 4.00$ each, according to size.
Araucaria Excelsa (Norfolk Island Pine.) Deep green, feathery foliage, arranged in whorls,


Asparagus Sprengeri.



Ficus Elastica.
Aspidistra Lurida Variegata. A beautiful plant, with large lanceshaped leaves, finely variegated, with clear, cream colored stripes. An elegant window or conservatory plant of the easiest culture. $\$ 1.00$ each.
Aspidistra Lurida. A green-leaved variety of the above, of strong growth; will succeed in any position; an excellent hall or corridor plant. 75 c . each.


Japanese Fern Ball.
Japanese Fern Ball. A unique and handsome ornament for the greenhouse, conservatory or living room window. The Japanese prepare this by fastening the rhizomes. creeping stems of the fern around a ball of moss while in a dormant condition, when they need only be immersed in water and hung up, immersing them again at required intervals. (See cut.) Price, 75.c. each; dormant, full grown Fern Balls, $\$ 2.00$ each.

Rubber Plants. We have a splendid stock of this useful and ornamental plant, which will flourish under the most adverse conditions. Price, 12 to 15 ins. high, 75 c . each; $\$ 7.50$ per doz.
Cyperus Alternifolius Gracilis. This is a new variety of the popular "Umbrella Plant," with very narrow foliage, which makes it much more desirable. It is most useful, either as an aquarium plant or as an ordinary house plant, succeeding under either culture. Price, fine plants, from 5 -in. pots, 5uc each.
Cocos Weddeliana. This beautiful Palm is unquestionably the most elegant and graceful in cultivation. The finely cut leaves are recurved with exquisite grace. (See cut.) Price, 12 to 15 in. high, 75c. each; smaller plants, 35 c . each, $\$ 3.50$ per doz.


Cocos Weddeliana.

House Ferns. Our collection contains the choicest, richest varieties of best Fern dish and vase sorts. They are of easiest culture, and nothing adds more grace and beauty to a home than a few handsome Ferns. 1st size, 25 c . each, $\$ 2.50$ per doz.; 2 d size, 15 c . each, $\$ 1.50$ per doz.; 3d size, 10 c . each, $\$ 1.00$ per doz.
The "Boston" Fern (Nephrolepis Bostoniensis). In well-grown specimens the fronds attain a length of 6 or 7 feet, like plumes arching over in every direction in a most graceful manner. This beautiful Fern is excellent for outside planting in shady borders. It is a very fine plant for hanging pots or baskets on piazza in summer and conservatory or window in winter. Price, 1st size, 75 s . each; 2 d size, 50 c . each; 3d size, 25 c . each, $\$ 2.25$ per doz. Specimen plants, $\$ 2.00, \$ 3.00$ and $\$ 5 . C 0$ each.


Nephrolepis Bostoniensis.

# WINTER-FLOWERING CARNATIONS 



Carnation, General Maceo.

Fine, healthy, field-grown plants, specially selected for winter-forcing.
GEN'L MACEO. Very full, deeply fringed flower, $21 / 2 \mathrm{in}$. to $23 / 4 \mathrm{in}$. in diameter, on stiff, wiry stems, 12 in . to 18 . in. long under ordinary culture. Under extra culture, blooms 3 in . in diameter, on 18 in . stems, may be grown. Ground color deep brilliant scarlet, heavily overlaid with maroon, making one of the darkest and richest shades yet seen in carnations, fully as rich and striking as the Meteor rose.
GEN'L GOMEZ. Brilliant cardinal maroon. $2 \frac{1}{2}$ in. to $23 / 4$ in. in diameter, fine stems 16 in . to 24 in . long. Strong, vigorous, very healthy habit. The color is magnificent, and as rich and brilliant as the cardinal flower, without the slightest tendency to turn back.
NEW STRIPED, OLYMPIA. The largest monthly Carnation yet produced; well grown flowers, measuring $33 / 4$ inches across. The color is clear glossy white, with delicate pencilings of bright scarlet running through the petals.
MRS. JAMES DEAN. Color clear, silvery pink; of largest size and fine full form ; an unusually strong healthy grower and free from all disease. Stems very long and stiff; calyx always perfect; considered the best light pink Carnation.
MRS. GEORGE M. BRADT. The most beautiful and striking of the fancy varieties, of largest size and most perfect form, with full high centre. Color pure white, striped and beautifully penciled on the edges with bright scarlet.
WHITE CLOUD. White, habit same as Daybreak, but taller, stronger, more vigorous, and an earlier and much freer bloomer. It commences blooming among the earliest, and throws a fine, long, stiff stem from the beginning, and continues its crop through the season.
G. H. CRANE. The best scarlet Carnation, wonderfully productive. Tested four years, it stands pre-eminent. An early, continuous, all-season bloomer, averaging 3 -inch blooms; a well-formed flower and calyx, and 16 to 18 -inch stems, stiff and erect throughout the whole season. Color, a clear, brilliant scarlet.

WM. SCOTT. Delicate light pink, with finely fringed petals; flowers of large size, on long stems, that hold the flower erect. A splendid keeper, lasting a long time when cut.
LIZZIE MCGOWAN. A grand white variety. Very large; often measuring $21 / 2$ to 3 inches in diameter. The calyx never bursts, and the flowers, which are very fragrant, keep fresh a remarkable length of time after being cut. LILY DEAN. Large, pure white, penciled cerise pink.

## Prices for any of the above named field=grown Carnations, 20c. each; \$2.00 per dozen.



Violets.

## SINGLE VIOLET, CALIFORNIA.

Large, deep purple, fragrant flowers, 15c. each; \$1.50 per doz. ; \$10 per 100.

## VIOLET-MARIE Louise.

## (Winter Flowering.)

The well-known double purple variety. We offer strong, healthy plants, so that any amateur should have no difficulty in growing them. 20c. each; $\$ 2.00$ per doz. ; $\$ 10.00$ per 100 .


# Vegetable Seeds for Fall Sowing and Forcing. 



Cucumber.


Mushroom.


Cauliflower.


## CABBAGE, Late or Winter.

Autumn King............. 10
Premium Flat Dutch.. 5
Selected Flat Dutch.... 10 Mammorh Rutch.... $10 \quad 70 \quad 1050$ Red Dutch............ 10

## CABBAGE, Savoy.

American Drumhead... $10 \quad 25 \quad 75 \quad 250$ $\begin{array}{cccccc}\text { American Drumhead... } 10 & 25 & 75 & 2 & 50 \\ \text { Netted Savoy........... } 5 & 25 & 75 & 2 & 50\end{array}$

CARROT.

| Carentan Early Half Long Scarlet............ | 10 | 30 |  |
| :---: | :---: | :---: | :---: |
| Chantenay | 10 | 30 | 90 |
| Danver | 10 | 30 | 90 |
| French Forcing. | 15 | 40 | 125 |
| Early Half Long, Scarlet, Pointed | 10 | 30 | 90 |
| Half Long Red, Stump- |  |  |  |
| rooted................... | 10 | 30 | 90 |
| Intermediate .............. 10 | 15 | 30 | 90 |
| Long Orange Improved | 10 | 30 | S0 |

## CAULIFLOWER.

## Extra Early Dwarf

Erfurt
Snowbali........................ 25400140014004800
CORN SALAD.
Large Leaved........... .. 51025

## CUCUMBER.

$\begin{array}{llll}\begin{array}{l}\text { Boston Pickling........... } 5 \\ \text { Early Cluster............. } \\ 5\end{array} & 10 & 25 & 25\end{array}$

## 

Early Russian..............5 $10{ }^{1}$ Extra Early Green Pro-
Japanese Climbing................. 10
Short Green
Tailby's Hybrid
West India Gherkin...... 5
White Spine Improved
Early $\qquad$

## English Frame Varieties.

Telegraph, Lord Kenyon's Favorite, Duke of Edinburgh, Cuthill's Black Spine, 25c. pkt. each.

## EGG PLANT.

Black Pekin.................. 10 50 150
New York Improved.... $5 \quad 40125450$
New York Improved
Spineless.

## KALE.

Rrown German Curled, $5 \quad 15 \quad 35100$ Dwarf Green Curled
Scotch ....................... Siberia

## LETTUCE, Head Varieties.

Big Boston.................. $10 \quad 2570200$
Black Seeded Butter..... 10
Boston Market.............. 5
Deacon......................... 5
Golden Queen................... 10
Handy Green Winter......................
Hardy Green Winter ... 10
Tennis Ball.................... 5
Yellow Seeded Butter.. 5

## LETTUCE, Curled or Loose=

 Leaved Varieties.Boston Curled............... $5 \quad 15 \quad 40125$
Simpson, Early Curled, $5 \quad 15 \quad 40125$

## COS LETTUCE.

Paris White $\qquad$ $5 \quad 20$

MELON, Musk.
Delmonico, Perfected... $10 \quad 25 \quad 75200$ $\begin{array}{lllll}\text { Emerald Gem............. } 5 & 10 & 30 & 90 \\ \text { Golden Netted Gem..... } 10 & 15 & 30 & 100\end{array}$


## MUSHROOM SPAWN.

English, 15c. lb.; 8.lbs. for $\$ 1.00$; by mail, 25c. 1b.
French, 2-lb. box, 75c. ; by mail, 95c.

## ONION.

Extra Early Flat Red, $515 \quad 50150$ Wethersfield Large Red $5 \quad 15 \quad 40120$ White Portugal, or Sil-
ver Skin................... $5 \quad 2580250$ Round Yellow Danvers $5 \quad 15 \quad 40100$ Yellow Dutch.............. $5 \quad 15 \quad 40100$

## ONION, Globe=Shaped Varieties.

Southp't White Globe, $10 \quad 25 \quad 80250$

| Yellow | " | 10 | 20 | 40 | 1 | 20 |
| :--- | :--- | ---: | :--- | :--- | :--- | :--- |
| Red | $،$ | 5 | 15 | 40 | 1 | 20 |

Yellow Globe Danvers, $5 \quad 15 \quad 40110$

## ONION, Bermuda Varieties.

Pale Red...................... 530110350 White ............................... 5 35120400

PARSLEY.
Champion Moss Curled.. $5 \quad 10 \quad 30100$ Emerald...................... 10 15 30100 Extra Double Curled.... $5 \quad 10 \quad 30 \quad 90$ Fern J.eaved................. $5 \quad 10 \quad 30100$ Hamb'g Turnip Rooted $5 \quad 10 \quad 30100$ Plain.

## RADISH, Round Varieties.

Early Scarlet Turnip... $5 \quad 10 \quad 20 \quad 60$
Early Scarlet Turnip,
White Tipped........... $5 \quad 10 \quad 20 \quad 65$
$\begin{array}{ccccc}\text { White Tipped........... } 5 & 10 & 20 & 65 \\ \text { Early White Turnip.... } 5 & 10 & 20 & 65\end{array}$ Early Round Dark Red $5 \quad 10 \quad 20,65$
Early Scarlet Globe.... $10 \quad 15 \quad 35100$ Yellow SummerTurnip $5 \quad 10 \quad 20 \quad 70$

## RADISH, Olive=Shaped.

French Breakfast........ $5 \quad 10 \quad 25 \quad 80$
$\begin{array}{lllll}\text { Olive-shaped Scarlet.... } & 5 & 10 & 25 & 80 \\ \text { White.... } & 5 & 10 & 20 & 65\end{array}$

## Vegetable Seeds for Fall Sowing and Forcing.-Continued.



## TURNIP.

 Aberdeen Yellow Purpie

10
$10 \quad 20$
60
55
Early Fiat Dựch................. 5
Extra Early Milan, Pur-
ple Top....................... 10
$\begin{array}{r}10 \\ .5 \\ \hline 5\end{array}$
Golden Ball . ............... 5
Long White Cowhorn... 5
Red Top Strap Lea'...... 5
Snowball.
White Egg.

Yellow Globe..................
Yellow Stone
$\begin{array}{ll}5 & 10 \\ 0 & 20 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10 \\ 5 & 10\end{array}$
Mikado ........................... . . 1
Paragon.

## $70 \quad 250$

$\begin{array}{lllll}20 & & 70 & 2 & 50 \\ 30 & 1 & 00 & 3 & 00 \\ 20 & & 70 & 2 & 50\end{array}$
$\begin{array}{rl}\text { (Bloomsdale) .............. } & 5 \\ \text { Thick Leaved............ } & 5 \\ 10 & 10 \\ 15\end{array}$

Yellow Plum ............. $5 \quad 20 \begin{array}{rrrrr}10 & 3 & 20 \\ 70 & 2 & 50\end{array}$

# Flower Seeds for Fall Sowing. 



Pansy.

## PANSY BUGNOT.

Our strain of this magnificent Pansy, which we have especially grown for us in France, has given universal satisfaction since its introduction. Price, per pkt., 25 cts.
English 8 How . A very superior English strain, per pkt. 25 c . Extra Fine Mixed.
Fine Mixed for Bediing.
Non Plus Ultra. Finest strain.

## CINERARIA and CALCEOLARIA.

## James, Giant Strain. 7

These magnificent strains still maintain their position as the finest in the World. Price per pkt., Calceolaria, 25 cents. Cineraria, 25 cents.

## PRIMULA.

The Chinese Primroses are fine for winter and spring flowering and should be sown in the spring, as they then germinate freely, and fine plants may be had for winter blooming. Greenhouse perennial, $3 / 4$ feet.
sinensis Fimbriata .. $\$ 025$ Blue........ ... 8025 per ". pkt. Purple $\qquad$
$\qquad$ Red Mixed. 25

## ALLEN'S DEFIANCE MIGNONETTE.

This gorgeous Mign nnette has qualities heretofore unknown in la ge flowering varieties, being deliciously fragrant.

When grown under favorable conditions and with proper care, its spikes will be from twelve to fifteen inches long, the individual fiorets are of remarkable size and star d out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. Price per pkt., 10 cents.

## CYCLAMEN PERSICUM GRANDIFLORUM.

This strain is grown for us by the most celebrated grower in England, and must not be confounded with low price strains, coming from south of France, and is outdoor grown stock.



Allen's Defiance Mignonette.


# Bird Seed, Bird Food, Etc. 

## Bird Seed and Prepared Bird Food.

Making a specialty of Bird Foods, etc., our facilities are unsurpassed for producing the best articles at the most reasonable prices.

|  | Per lb. | Per <br> $3 \mathrm{lb} . \mathrm{pkg}$. | Per <br> 100 lbs . | Millet Seed, Imported Yellow |  | $\begin{aligned} & \text { Per lb. } \\ & \$ 0 \quad 07 \end{aligned}$ | $\begin{array}{r} \text { Per } 5 \mathrm{lbs} . \\ \$ 025 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Canary Seed, Spanish | \$0 10 | \$0 25 | \$6 00 | " White |  | 20 | 75 |
| " Sicily | 10 | 25 | 600 | Maw Seed, Blue |  | 15. | 60 |
| Rape Seed, German Summer . | 10 | 25 | 650 | Lettuce Seed. . |  | 30 | 125 |
| Hemp Seed, Imported. | 10 | 25 | 600 | Sunflower Seed. |  | 10 | 40 |
| Millet Seed, American | 7 | 15 | 400 | Unhulled Rice or Paddy |  | 10 | 40 |

ro lbs. Supplied at roo 1b. Rates.

Song Restorer or Treat. An invigorating Tonic and Restorative for Canary Birds, Goldfinches, Linnets, and all Seed Birds. This preparation will in every case, restore to their natural notes, birds who have lost their song from the effects of cold or excessive moulting. For breeding birds and their young it is invaluable, strengthening their voice and improving their plumage. Price, per bottle, 25c.; by mail, 30c.
Prepared Mocking Bird Food. (Gold Medal Brand.) For Mocking Birds, Thrushes, Black Birds, Robins, Nightingales, Skylarks and all soft bill birds, this preparation is the purest, healthiest and cheapest bird food known. Its ingredients approximating closely to the food of birds in their natural state, and its use in all cases causing a marked improvement in their song and appearance. Price, 1 lb. bottles, screw top, per bottle, 35 cts. ; 1 lb . tin cans, 35 cts.; in bulk, 30 cts. per lb., 4 lbs. for $\$ 1.00$.

Imported Mixed Bird Seed. In lb. boxes (full weight) 10 cts. each ; dozen $\$ 1.00$.
Washed Silver Gravel for Birds. Prices, $q$ t. boxes, 60 cts. doz. ; case of 3 doz., $\$ 1.50$.
Genuine German Bird Lime. For catching birds, flying insects, etc. Price, per bottle, 25 cts.
Genuine Prepared Fish Food. A perfectly pure article, specially prepared for feeding Gold Fish, etc., kept in Aquaria or Globes. Price, per box, 10 cts ; doz. boxes, $\$ 1.00$. By mail, postpaid,
Prepared Food for Parrots. For Parrots, Macaws, Paroquets; etc. This food is composed of a mixture of seeds, etc., recommended by the most experienced Bird Fanciers. Price, per lb. box, 15 cts. ; doz., $\$ 1.60$.
Ant Eggs-a Treat or Relish. For Mocking Birds, Thrushes, Robins, etc. Price per box, postpaid, 25 cts .

## PIGEON SEEDS AND GRAINS.



SPECIAL PRICES ON LARGE LOTS GIVEN UPON APPLICATION. HOLDEN'S BOOK ON BIRDS.
Illustrated, 120 pages, regarding food, care and treatment for Cage Birds. Price 20 cants each by mail, postpaid.

## FERTILIZERS.

Bowker's Ammoniated Food for Flowers
Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Small size, 15̄c.; large size, 25 c.; by mail, 25 c . and 35 c .

## Raw Bone Meal.

The best all around Fertilizer for garden, lawn and farm.
Our Rawbone Meal is made from Hard Bones, is evenly ground, and very white and pretty in appearance. For such as prefer a raw to a steamed Bone, we recommend our Raw Bone Meal-nothing finer can be made. 5 lbs., 25c.; 10 lbs , $40 \mathrm{c} . ; 25 \mathrm{lbs} ., 70 \mathrm{c} . ; 50 \mathrm{lbs} ., \$ 1.25 ; 100 \mathrm{lbs} ., \$ 2.00$.

## Sheep Manure.

Especially recommended for Roses and Flowering Plants. Sheep manure is one of the very best fertilizers we hare used. either in liquid form or mixed with the soil at the time of planting. We have proof of the power of sheep manure as a fertilizer if we look at the crops of grain produced on land that has been pastured with sheep. Ground fine, per 2 lb . box, 15 c .; $5 \mathrm{lbs} ., 25 \mathrm{c} . ; 10 \mathrm{lbs} ., 40 \mathrm{c} . ; 25 \mathrm{lbs.} ,75 \mathrm{c} . ; 50 \mathrm{lbs} ., \$ 1.10 ; 100 \mathrm{lbs}$. .,


## Emerald Lawn Dressing.

A clean, portable and convenient lawn dressing, which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be prit on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. It is in every way more provement will soon be observed. desirable than inanure, which is so often full of weed seeds. with the old practice of top-dressing lawns with stable manure, which was so objectionable on account of unsightliness and disagreeable odors.

Quantity Required. A 10 lb . package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1000 to 1500 lbs . per acre, or a smaller qnantity for renorating an old one. Price, 4 lb. pack.. $15 \mathrm{c} . ; 50 \mathrm{lb}$. bag, $\$ 1.50 ; 100 \mathrm{lb}$. bag, $\$ 2.50$; per ton of $2000 \mathrm{lbs} ., \$ 40.00$.

## Walker's Excelsior Brand. For House Plants. <br> Price, per small packet, 15c. Large size, 25 c.

## Nitrate of Soda.

Should be sown broadcast, and it is very important to sow it evenly. Twn or three pounds on a square rod will be beneficial. 5 lbs., 25 c .; 25 lbs., $\$ 1.00 ; 50 \mathrm{lbs} ., \$ 1.85 ; 100 \mathrm{lbs} .$, $\$ 3.25$. Sunject to market changes.

## Prepared Potting Soil.

One of the principal elements of success in the growing and flowering of plants and bulbs is proper soil. No matter how much care and attention is given afterwards, if the soil is not right best results cannot be attained. Price, per peck, 25c.; per bush., $75 \mathrm{c} . ;$ per bbl., $\$ 2.00$, delivered at express office in New York.

## INSECTICIDES.

## Fir Tree Oil.

The most popular and probably, for "all round" purposes, the best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphis (black and green). thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. Price $1 / 2$ pint tin, 40 c .; pint, 75 c .; quart, $\$ 1.40$; $1 / 2$ gallon, $\$ 2.50$; gallon, $\$ 4.25$.

Dilute $1 / 2$ pint to about 10 gallons of soft or rain water (for tender plants or young growth make weaker). Spray on with vaporizer, syringe or bellows.

## Fir Tree Oil Soap.

This is the same as the Fir Tree Oil, but in soap form. It is useful for the same purposes. Mix at rate of one ounce to a gallon of water, and apply with bellows or syringe. Price, $1 / 2 \mathrm{lb}$. tin, $25 \mathrm{c} . ; 2 \mathrm{lb}$. tin, $75 \mathrm{c} . ; 5 \mathrm{lb}$. tin, $\$ 1.75$.

## Lemon Dil Insecticide.

The best and cheapest insecticide in the market. Used now by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Half pint, 25c.; pint, 40c.; quart, 75 c. ; $1 / 2$ gallon, $\$ 1.25$; gallon, $\$ 2.00$.

## Gishurgt's Compound.

A certain remedy for green fly, scale, mealy bug, etc. Excellent for greenhouse use. Full directions for use on each box. Price, per lb. box, 50c.

## Nikoteen.

A powerful insecticide, specially prepared for use in greenhouses and conservatories. . Price, per pint bottle, $\$ 1.50$.

## Tobacco Stems.

Indispensable for fumigating greenhouses and conserva-tories-for the destruction of green and black aphis, and other insects. Dampen thoroughly a few hours before using, place about half a pound over a handful of shavings in a fumigator, and light. Price, per bale, about 125 lbs., $\$ 1.75$.

## Rose Leaf Insecticide.

## Extract of Tobacco.

One of the most effectual articles for the destruction of all insects and scale on plants, a pure concentrated extract of tobacco. Full instructions for the various methods of apply. ing, including testimonials from leading florists, are given in our "Rose Leaf "pamphlet, mailed on application. Pint can, $30 \mathrm{c} . ;$ quart can, $50 \mathrm{c} . ;$ gallon can, $\$ 1.75$.

Dilute with from 30 to 150 parts of water, according to the delicacy of the plants to be treated, and apply with spraying bellows or syringe with spraying nozzle.

Dilute as above, and apply with watering pot sufficient to reach the roots.

## Tobacco Dust, Fine.

For green and black aphis, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 10 c . per lb.; $5 \mathrm{lbs} ., 35 \mathrm{c} . ; 10 \mathrm{lbs} ., 65 \mathrm{c}$.; $\$ 3.00$ per barrel.

For insects on plants, apply with powderduster or bellows. an i rake in, or strew thickly in the drilis before planting.

## Whale. Oil Soap.

Makes an excellent wash for trees and plants where insects and eggs effect the bark, and for smearing on the trunks of trees, to prevent worms from crawling up. Price, per lb.,15c.; 2 lbs., 25 c .; 5 lbs., 50 c .; $25^{\circ} \mathrm{lbs}$. and over, per lb., 8 c .

## Nikoteen Aphis Punk.

It Buras, Kills Aphis and Thrip cheaply. Does not injure the most delicate blooms. By mail 75 c . per box of 12 rolls, postpaid.

## Fostile.

A famous French preparation, containing sllicate of magnesia and copper sulphate, powdered so minutely that when puffed or blown froma powder-gun orbellows, it forms a cloud, which settles evenly over foliage and plants, and is not only of inestimable value for all fungoid diseases-mildew, black rot, rust, leaf blight, etc.-but it is also a splendid insect destroyer. It is a powder. Price, 5 lb . package, 50 c .; 25 lb . box, $\$ 2.00$; 50 lb . box, $\$ 3.50 ; 100 \mathrm{lb}$. box, $\$ 6.50$.

Blow on with a powder-bellows or powder-gun, while the follage is moist, elther with dew or after syringing. At the rate of 25 lbs . per acre for grapevines, for each application.

## MISCELLANEOUS.



HYACINTH GLASSES.
Tall........................er doz, $\$ 150$
Taal.................ach, 15
Low................................ach, 150
Low.
CHINESE SACRED LILY
BOWLS.
As used by the Celestials for growing their famous "Joss Flower" in. The bulbs should be surrounded with pebbles to keep them from toppling over when in flo wer, and then water enough put in to covtrabout one-half of the bulb: place them in a dark, cool closet for a couple of
 weeks to become rooted, and then bring into the light.

## Tokio Chinese Lily

 Bowlw.China, handsomely decortaed in curious Japanese designs. 7 inch, for ${ }_{2}^{1}$ bulb.......... $\$ 0.40$ $\begin{array}{ll}2 & \text { " } 4 \text { bulb...... } \\ 3 & 60 \\ 80\end{array}$

Glass Chinese Lily Bowls.
6 in. diam., for 1 bulb... $\$ 02.5$ $71 / 2$ " " $\quad 2$ 30.

## SCOLLAY'S AUTOMATIC VALVE SPRINKLER,

Anindispensable article for window gardering, it being one of the best inventions for washing the foliage and sprinkliog plants keptin the house during winter, and for washing and moistening cut flowers. Price, each, large size, $\$ 1.00$; small size, 75 cents; by mail. postpaid.

The Perfect Flo wer Pot Handle and Hanger is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc.. and will sustain a weight of 100 lbs . No. 1, wlll fit from 2 to 6 in. pots, per pair, 10c.
No. 2, will fit from 5 to 8 in. pots, per pair, 15c
No. 3. will fit from 8 to 12 in . pots, per pair, 20c.

## SPRING STEEL DOUBLE EDGE PRUNING SAW.



Length, 16 in., 18 in., 20 in. Price, 60c., 70c., 80c.

## WATERPROOF FLOWER POT SAUCERS.



If you have ever been annoyed with ordinary flower pot noued absorbil $g$ mois rure and saucersabsorbil imperceptably until the article it sat on was ruined, you will then fully appreciate the value of these new indurated fibre-ware saucers; they do not absorb mois-
ture and are not easily broken. 4 inch each. doz. $4 \underset{6}{4}$ inch............ 6 ets. so 70 Color, terra-cotta brown.

ROLLING STANDS FOR HEAVY PLANTS.
Platiorms are Indurated Fibre Ware. Will not soak or rust. Castors have Ball Bearings Every heavy p ant sold needs one to save car pets and flonrs, and to

enablecarpets and floors to be readily
 cleaned. Prices, 13 in. diam, 75 c . each 18 in. diam., $\$ 1.00$ each; 20 in. diam., $\$ 1.25$ each; 22 in. diam., $\$ 1.50$ each.
COLUMBIA. PLANT TUBS.
Made of Cypress. Never
Break-Never Decay.
12 in. diam. by 11 in. high......... $\$ 100$


CYCLONE SPRAY PUMP.


## BURLAP MATS.

For Protecting Cold Frames and Hotbeds.


Theseare $6 \times 6 \mathrm{ft}$. square, made of strong burlap bagging,warmly lined with waste wool and cotton, which is quilted in to hold position. They are toxcellent substiexcellent substitutes for straw anything, warmer than straw, more easily handled, less bulky, and they do not harbor lice or vermin. We were afraid that they would hold moisture, and either rot or mildew, but our trial for two winters proves them to be far more durable than straw mats. Price, $\$ 1.50$ each ; $\$ 15.00$ per dozen.


## SYRINGES, Solid Brass.

No. A. Barrel, 12 in.long. 1 spray No. A. Barrel, 12 in. long. 1 spray $\$ 200$ No. 2. Barrel, $131 / 2$ in. long. 1 coarse and 1 fine spray, and 1
stream rose............................ coarse and 1 fine spray and 1 stream rose, with patent valves and elbow joint............................ 550
No. 11. Same as No. 10, without 450
No. G. Barrel, 16 in. long, 1 spray and 1 stream rose and elbow joint......................................... (skeet brass $)$
Syringe
Vaporizer. Zinc, for apply-
ing fluid insecticides orfungicides 100

## THERMOMETERS.

8 inch polished wood, $\$ 1.50$ per doz. Porcelain or Glass, $\$ 1.00, \$ 1.25, \$ 1.50$ each. Hotbed, $\$ 1.50$ each. Self-Registering, $\$ 225, \$ 2.50$ and $\$ 3.00$ each.

## MISCELLANEOUS-Continued.



## PLANT STAKES.

Round, tapering and painted green. The neatest and best plant stake made.


## MULERTT'S 1MPROVED SEPARABLE FERN CASE.


(Patent applied for.)
Something new and practical for growing Ferns and other tender plants in the parlor. Simple, useful, attractive.
It can be separated and its lower part used for growing Flower bulbs if desired.

Packs flat for shipment.
No. 1. Base, $12 \times 211 / 2$ inches; zinc soilbox, $31 / 2$ inches deep; total height, 17 inches; front glass in one part ; pine, old ivory or ebony flnish. Each, $\$ 7.50$.
No. 2. Base, etc., same as above; total height, $181 / 2$ inches; front glass in two parts, finished as above. Each, \$४.00.

## FUMIGATORS-Eureka.

## For Sinoking Plants.

For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet iron; a damper regulates the draft. No danger of fire, no ashes or litter.
No. 1, 12 in. high, $\$ 150 \quad$ No. 3, 20 in. high, $\$ 20 n$ No. 2, 16 in. high, 175 No. 4, 24 in. high, 275

## PRUNING SHEARS.

Solid steel, $75 \mathrm{c} ., \$ 1, \$ 1.25, \$ 1.50$ and $\$ 1.75$ a pair.


Pruning Knives, 75c., $\$ 1.0$ and $\$ 1.50$ each. Budding Knives, 5 (c., 65 c ., 75 c . and $\$ 100$ each.


Labels-Wooden, Pot and Garden.

|  | -PLAIN- |  | Per PAINTED 100 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Per 100 | 1000 |  |  |
| 4 inch. | .. 8015 | \$0 60 | \$0 15 | \$0 90 |
| $41 / 2$ " | 15 | 80 | 20 | 100 |
| 5 " | 15 | 90 | 20 | 125 |
| 5 " | 20 | 100 | 25 | 135 |
| 8 " | 40 | 350 | 50 | 400 |
| 11 " | 55 | 450 | 65 | 500 |

VAN REYPER'S PERFECT GLAZIERS' POINTS.


Endorsed by leading florists. Try them and you will use no nther. Made of steel wire and galvanized, no rights and lefts. Price, per box of $1000,65 \mathrm{c}$. ; Pincers, for driving the points, 50 c .

JONES' HOSE MENDER.


Price, per dozen, 5cc.
"STANDARD" FLOWER POTS.
We pack carefully, but will make no allowance for breakage.
Breakage is not one-half as great as in other pots, the deep rim protecting them. The foot keeps the pot up from the bench, so that it is impossible for hole to become clogged. The concave bot tom and large hole insure perfect drainage.

ROUND SEED, OR
LILY PANS.
Height. Width. Doz.
$4 \times 8$ inches.. $\$ 150$
$5 \times 10$
$6 \times 12$
$7 \times 14$
$7 \times 14$
$8 \times 16$
$9 \times 18$
9


| COMMON FLOWER POT SAUCERS. |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Doz. |  | Doz. |
| 4 inch. | \$0 25 | 9 inch | \$0 85 |
| 5 | 30 | 10 " | 100 |
| 6 | 35 | 11 | 125 |
| 7 | 40 | 12 | . 1 |
| 8 | 50 | 14 | ........... 175 |

## MISCELLANEOUS-Continued.

## HANGING BASKETS.

## Made from Laurel Roots, Elegantly finished and Rattan Handle.

| Price | 8 in |  | 075 | each |
| :---: | :---: | :---: | :---: | :---: |
| " | 9 " |  | 85 |  |
| " | 10 " |  | 100 | " |
| " | 11 ، |  | 115 | ' |
| ، | . 12 " | . 1 | 125 | - |
| " | 13 " | 1 | 150 | " |
|  |  |  |  |  |

These baskets cannot be equaled in style, finish or make. They are ahead of any basket on the market. They will stand serere weather and, with a little care, are good for ten or twelve years' wear.


## WINDOW BRACKETS.

## For Plants.

Highly finished, and supplied complete with screws.

$$
\begin{array}{cc}
\text { For } & 1 \text { pot } \\
" & 2 \text { pots } \\
" & 3 \\
" & 4
\end{array}
$$

". 50

JONES

## IMPROVED WIRE

WINDOW

## SHELF FOR PLANTS

With Adjustable steel Brackets, Complete.
Strong, compact and low in price. C'an be applied to any window mouldiug on flat part of same.

Brackets are constructed so as to allow for curtain between window and plants.

SHELVES $\quad 7^{1} 12$ IN. WIDE.
30 inch Shelf with Brackets Complete... §0 75 36 "

90
42 " " " ". . . 100
Additional lengths of Shelves made to order. For every foot or less add 25 cents to above prices.

Back of Brackets $5-8$ inch, so they can be fastened to the narrowest mouldings.

## JONES' FOLDING PLANT STAND.

The most compact, durable and strong plant stand ever offered for sale.

## PRICES:

No. 20 , with wire shelves, 3 trays, $\$ 3.75$; 2 trass, $\$ 3.00$ each.
No. 25, with wood shelves, $\$ 2.00 ; 3$ shelves, $\$ 2.50$ each. Wood shelves are finished immitation of cherry.


## ROSE STAKES.

## Galvanized steel Wire.



Prices on larger quantities end different sizes on application.

## GREENHOUSE HOSE.

Nade of best Para Rubber and guaranteed.

${ }_{4}$ inch Amazon, 25 and 50 foot lengths coupled, 10 cts . per foot.
${ }^{3} \frac{1}{4}$ inch Greenhouse, very heary, 25 and 50 foot lengths coupled, 16 cts. per foot.

> WATERING POTS.
> Galvanized Round.

4 quart, 35 cts ; 6 quart, 50 cts ; 8 quart, 65 cts. ; 10 quart, 75 cts. ; 12 quart, $\$ 1.00$ 16 quart, $\$ 1.25$.
 and long spout. 6 quart, $\$ 1.50$; s quart, S1.75.
"Common Sense" Watering Pots.
2 quart

$$
\begin{aligned}
& \text { French or Oval } \\
& \text { watering Pots. }
\end{aligned}
$$

Jade specially for greenhouse work, with 2 copper faced roses

Galvanized Round. Wotherspoon's Patent.
Fitted with 2 copper roses, one fine and one coarse, with each pot.
6 quart
$\therefore 17512$ quart
\$2 50
\& " 20.$) \quad 16$ "
300
11 2 2.)

## FRUIT PICKERS.

Wire, without pole

## RAFFIA.

For tring, 20 cts. per lb. ; 5 lus., 90 cts.

## HEDGE SHEARS.

$x$ inch blades
\$125
10 inch blades.
$\$ 175$
9
150

## TREE PRUNERS.

Waters. The best pruners on the market. Cuts limbs up to ${ }_{4}^{3} \mathrm{in}$. in diameter.
With 4 foot handle. $\$ 075$ With 10 foot handle. \$1 15

100

## "mpr <br> STUMPP \& WALTER COMPANY'S

 HIGH GRADE
## Central Park Lawn Grass Seed

OUR LAWN GRASS SEED, SOWN IN THE AUTUMN, WILL PRODUCE A FINE LUXURIANT LAWN EARLY THE FOLLOWING SEASON.


For Lawns, Grass Plots, Tennis Courts, Cricket Grounds, Etc.


OW "High Grade" Central Park Lawn Seed and you will obtain a beautiful deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire Summer.

Price, 25c. per Quart; $\$ 1.50$ per Peck; $\$ 5.00$ per Bushel.
STUMPP \& WALTER CO.,


[^0]:    100 $\$ 450$
    450
    450
    450
    450
    450

