# Barnard's Florists' Price List Spring 1929 

The W. W. Barnard Co. SEEDSMEN
3942 S. Federal St., CHICAGO

## Spring 1929

In presenting this latest edition of our Florists' Price List we wish to thank our customers for their liberal patronage and take pleasure in soliciting their further orders. Our improved facilities will enable us to fill orders promptly and with satisfaction.

## BUSINESS TERMS AND SUGGESTIONS

All prices in this list are for the Florist trade, and, subject to Market changes without notice.

Fertilizers, Grass Seeds and Tin-foil are net cash and subject to fluctuations of market.

Order Early - It is important that orders be sent in as early as possible, while our stock and assortment of varieties is complete.

On Flower Seeds a special discount of 10 per cent is granted when cash accompanies the order.

TRADE OR FLORISTS' PACKETS contain liberal quantities in proportion with the price per ounce, and are sent on all orders from Florists, when packets are wanted, unless otherwise specified. Where smaller quantities than Trade Packets are desired. Retail Packets may be ordered at a discount of $331 / 3$ per cent from retail prices.

For full descriptions, see Barnard's Retail Catalog, Free to Florists on request.

PREPAID - We prepay postage on all flower seeds in trade packets and ounces. Postage extra on one-fourth pound or over. Rate, according to zone.

## IMPORTANT INFORMATION

Terms of sale - All bills of flower seeds, bulbs, plants and supplies (except as otherwise stated) are payable 60 days from date of invoice and subject to 2 per cent discount from prices in this list for cash in 10 days.

Special terms, when desired, will be made by correspondence, on large orders. Unknown correspondents desiring credit are requested to furnish satisfactory references. C.O. D. orders should be accompanied by one-third of amount of purchase.

No charge for packing, cartage or delivery to any railroad or express company in Chicago.

Shipping directions should accompany each order. State definitely if you wish us to send by express or freight. In absence of instructions we reserve the right to decide as to route and manner of transportation.

The W. W. Barnard Co. gives no warranty, express or implied, as to description, quality and productiveness, or any other matter of any Seeds, Plants and Bulbs it sells, and we will not be in any way responsible for the crop.

NOTICE OF REMOVAL - Our Florists' Flower Seed Department is now located at 17 South Wells St. (near Madison St.), where we carry a complete stock of Flower Seed for the convenience of Florists who wish to Call or Telephone their orders.

Orders sent by mail - should be addressed to 3942 S. Federal St.

# Barnard's Florists' Price List Spring 1929 


We make every effort to supply Flower Seeds of special merit for Florists use; many strains of distinction are grown and introduced by individual enthusiasts the world over and our many years of dealing in Seeds enables us 10 get in touch with these Flower Seed Specialists; while the price may appear higher than seed sold in general, these selected strains will produce stock that Florists will find much more profitable to grow.

All Flower Seeds are delivered postpaid to any postoffice in the United States

## SEEDS OF SPECIAL MERIT

For the convenience of Florists who are in doubt as to the better varieties of Flower Seeds to sow, we have devoted a few pages to a selection of specialties which are used by our most progressive customers; together with a descriptive list of the newer introductions of merit.

## See pages from 5 to 16 for a complete list of Flower Seeds



ALYSSUM
Little Gem, Barnard's Selected Strain
Alyssum is not a very important item to Florists
but we frequently see a batch of small pot plants
of more or less loose habit and showing too much
green.
Barnard's Selected-Little Gem is very compact
$\begin{aligned} & \text { and starts to bloom when small, a bench of it } \\ & \text { looks like a "white streak" compared with the } \\ & \text { ordinary strains. } \\ & \text { T. pkt., } 15 \mathrm{c} ; \text { oz., } 75 \mathrm{c} ; 1 / 4 \mathrm{lb} ., \$ 2.00\end{aligned}$

[^0] desired.

## ANTIRRHINUM

## or Snapdragon

This list includes a few of the most popular forcing varieties. See page 5 for a complete list of snaps.

LAURA. Ramsburg's latest introduction, a glossy deep rose-pink with a snappy twinkle pleasing to all. Medium height, thin, dark foliage, heavy flower head averaging eleven inches in length, with large, closely set blooms running three blooms to the inch of stem. T. pkt., $\$ 1.50$

JENNIE SCHNEIDER. Produces large, strong spikes of a Columbia Rose color, very fine variety and much in demand. T. pkt., $\$ 1.50$

WHITE ROCK. The largest flowering and the most desirable white snapdragon in our list.
T. pkt., \$1.50

A few older varieties that are good for forcing T. Pkt. ${ }^{1 /+o z .}$

Garnet $\$ 0.50$
Golden Pink Queen.............................. 1.00
Helen. Delicate pink........................... 1.00
Nelrose. Pink ........................................ . 50
50 \$1.00
Phelps' White ....................................... . 50 1.00
Philadelphia Pink .............................. 1.00
Silver Pink. V'ery desirable .......... . 50
Yellow ........................................... . . 50
Orlando, Bronze .............................. 1.00

[^1]
## SEEDS OF SPECIAL MERIT-Continued

## For a complete list of Flower Seeds, see pages 5 to 16.

## ASTERS

CALIFORNIA GIANTS. A valuable new variety with immense fluffy flowers of the Crego type, a robust grower with long, stiff stems.
White $\qquad$
Deep Rose
Light Blue $\qquad$ T. Pkt. 1/4 Oz. Oz. $\$ 0.50 \quad \$ 0.75 \quad \$ 2.50$
Peach Blossom.
Purple $\qquad$
$.35 \quad .65 \quad 2.25$
EARLY WONDER or EXTRA EARLY EXPRESS. Early, comet type, of good size and strong stems, White, Carmine Rose, Lavender, Rose, Light Blue, Dark Blue and Mixed.

Each, T. pkt., 25 c; $1 / 4$ oz., 60 c ; oz., $\$ 1.75$
For a complete list of Asters, see page 6 .

## BEGONIA

GUSTAV KNAAKE. Of the popular Gloire de Lorraine type and is an excellent pot plant. The blooms are an extra large carmine-red, the plants grow 10 to 12 inches high. One of the most satisfactory pot plants you can grow.
T. pkt., \$1.00; $\frac{1}{64}$ oz., $\$ 3.50$

GRACILIS, PRIMA DONNA. We have an extra fine giant flowering strain of this popular light rose variety.
T. pkt., 50c; $\frac{1}{z^{2}}$ oz., $\$ 3.50$

CHATELAINE HYBRIDS. Very early flowering bright pink, a desirable new strain. T. pkt., $\$ 1.25$
RADIO. Dark green and brown foliage. Very large flowers of pure Fiery Carmine Scarlet.
T. pkt., \$1.25

For other Begonias, see page 7.


Calendula, Campfire


California Giant Asters

## CALENDULA

CAMPFIRE. A very appropriate name for this grand, new Calendula; color is a golden yellow with a crimson sheen which enhanses the beauty of the flower, especially under artificial light; the flower is very large and extremely double with an extra long stem.
T. pkt., 50c; $1 / 4$ oz., $\$ 1.00$; oz., $\$ 3.00$

BALL'S ORANGE. A glowing, fully double, orange.
BALL'S GOLD. An extra long stemmed, deep golden yellow. Ball's Calendulas represent the "last word" in the development of this important flower which has become a very important Florists' item. We offer the originator's seed.

Each, T. pkt., 50c; oz., $\$ 3.00$

## COLEUS

NEW FRINGED. An extremely showy varietygrows nearly two feet high; the leaves are light green marbled and blotched with many colors; a very decorative plant either for pots or bedding.
T. pkt., 50c

MAMMOTH RAINBOW. A mixture of very showy varieties.
T. pkt., 50c; $\frac{1}{16}$ oz., $\$ 1.50$

## CYCLAMEN

CARMINE SALMONEUM. A great favorite and much in demand on account of the large size and attractive color of its flowers.
T. pkt., 75c; 100 seeds, $\$ 1.75 ; 1,000$ seeds, $\$ 14.00$ PERSICUM GIGANTEUM. German grown. Glory of Wansbeck, dark salmon. Rose of Wansbeck, light salmon. Rose of Marienthal, pink and Glowing red. Each,
T. pkt., $75 \mathrm{c} ; 100$ seeds, $\$ 1.25 ; 1,000$ seeds, $\$ 11.00 ; 5,000, \$ 10.00$ per 1,000 .

## SEEDS OF SPECIAL MERIT-Continued

FOR A COMPLETE LIST OF FLOWER SEEDS - SEE PAGES 5 TO 16

## DELPHINIUM

DELPHINIUM HYBRIDS, "Blue Bird" strain. This is procured by us direct from the grower of one of the finest and largest collections of Delphiniums in this country. A collection, the result of testing the most famous strain procured from all over the world. Contains solid colors and many combinations difficult to describe; largely semi-double flowers of great beauty. "Blue Bird" strain will give the best satisfaction either for cut flowers or nursery plants.
T. pkt., $75 \mathrm{c} ; 1 / 4$ oz., $\$ 1.50$; oz., $\$ 5.00$ WREXHAM STRAIN. "The Hollyhock." This is a very fine strain, has long stems and very large fowers.
T. pkt., \$1.00; 1/8 oz., \$2.00

BLACKMORE and LANGDON'S, English strain. Famous the world over.

$$
\text { T. pkt., 75c; 1/4 oz., } \$ 1.75
$$

Other Delphiniums, see page 9.

## G Y P S O P H I L A

GRANDIFLORA ELEGANS ALBA. "Paris Market" Strain. This is a great improvement over the old variety, grows about the same height but has larger pure white flowers. Many acres are grown for the Paris Market.
T. pkt., 10c; oz., 20c; lb., \$1.65


Delphinium Hybrids-"Blue Bird" Strain


New Annual Larkspur, La France

## L ARKSPUR

LA FRANCE. The best pink stock-flowered Larkspur for Florists' use. The large, well formed double fowers are a very pleasing shade of Sal-mon-pink-closely resembling the popular Snapdragon Jeanie Schneider, and are well placed upon the long stems. Is much more vigorous and taller growing than other pink shades of stock-flowered varieties on the market today, and is more resistant to mildew. We consider this one of the most important of recent introductions to the list of Florists cut-flowers.

$$
\text { T. pkt.. } 50 \mathrm{c}
$$

IMPROVED GIANT HYACINTH - FLOWERED.
This is a valuable Florists variety and must not be confused with the old type. The plants grow about three feet tall and give a spike well filled with flowers; may be planted closer than the stock-flowered. Is an early fowering variety and a splendid cut-flower. We offer five colors and all colors mixed-Blue, Lilac, Purple, Pink and White.

Each. T. pkt., 25c; oz., S0c Mixed Colors-T. pkt., 20c; oz., 75c Other Larkspurs, see page 10 .

## SEEDS OF SPECIAL MERIT-Continued

## For a Complete List of FLOWER SEEDS - See Pages 5 to 16

 MARIGOLDMarigolds, especially the African, have recently became very popular as a cut-flower, we have extra good strains of both the Orange and Lemon-the Orange being the most popular as a Florists' flower.
TALL DOUBLE AFRICAN.
T. pkt. oz. Orange Prince ...........................-- $\$ 0.20$ \$0.85 Lemon Queen. Each......................

## PANSIES

BARNARD'S "FLORISTS'" MIXTURE - The cream of American and European Specialists. In this magnificent mixture of mammoth-flowering Pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings; of fine substance, velvety texture, perfect form, and giant size. The colorings are rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variations. Our aim is to furnish the best Pansy Seed obtainable. Trade pkt., 40c; 1/8 oz., $\$ 1.25$; $1 / 4$ oz., $\$ 2.25$; $1 / 2$ oz., \$4.00; oz., \$8.00.
BARNARD'S "GIANT FLOWERING" MIXTURE. A superior mixture selected from choice, large flowering strains of American and European growers. This strain is one of the great excellence, the individual flowers being superb, and include many fire shades in a number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. Trade pkt., 30 c ; $1 / 8$ oz., $75 \mathrm{c} ; 1 / 2$ oz., $\$ 2.75$; oz., $\$ 5.00$.
SWISS GIANT MIXTURE. A wonderful new strain; the flowers are most striking, there being many colors and combinations not to be found in any other pansies. The stems are long and hold the giant blooms well above the luxuriant foliage.

We recommend this mixture very highly. Trade pkt., $\$ 1.00 ; 1 / 8$ oz., $\$ 2.50 ; 1 / 4$ oz., $\$ 4.00$.

Other Pansies - See Page 12


Type of Barnard's Florists' Mixture


## PETUNIA

NEW DWARF-California Giants. We consider this one of the most important of recent introductions. Is by far the best strain of Giant Flowering Petunia for pot culture that we know of.

When in full bloom the plant show nothing but large, colorful flowers with open throats well marked and veined. It is the most compact Giant Petunia with the largest and best formed flowers of any dwarf type of Petunia on the market today.
T. pkt.,' \$1.00

PORTLAND PETUNIAS-Are well known as being among the best mammoth flowering varities, all the following are desirable for Florists' trade.

> Apple Blossom-Delicate tints of pink.
> Elk's Pride-Finest large fowering royal.
> Purple, plain edged.

PRIDE OF PORTLAND-Fine deep rose.
RUFFLED HELIOTROPE, SCARLET BEAUTY, WHITE BEAUTY-Any of the above Portland varieties.
T. pkt., 75c

PINK GLORY-ls a deep rose-pink, slightly ruffled, a compact grower and free bloomer, makes a good pot plant.
T. pkt., \$1.00 DOUBLE LARGE-FLOWERING PETUNIAS
It is well known that seed saved from the most carefully hybridized flowers produce but a percentage of double flowers, the balance being single of unusually fine quality.
Barnard's Double Mixed, an exceptionally fine strain of fringed and T. pkt. plain edged, 1,000 seeds................. $\$ 1.50$ \$0.75
Fringed, mixed, large, fine flowers.............. . 75
Dble. Hyb. Grnd., Fringed Violet .75
1.00

## BARNARD'S SELECTED FLOWER SEEDS FOR FLORISTS

TRADE PACEETS contain liberal quantities in pruportion with the price per ounce, and are sent on ail orders when packets are wanted, unless otherwise specified. Where smaller quantities than Trade Packets are desired. Retail Packets may be Trade Packets are desired. Retail Packets may be
ordered at a discount of 33 1-3 per cent from retail prices.

| ABUTILON (G), Best mixed hybrids.......- | Trade I'kt. S0.40 |  |
| :---: | :---: | :---: |
| ACHILIEA (P), "The Pearl" White. | . 40 | \$5.00 |
| ACONITUM ( ${ }^{\text {a }}$ ), Napellus, blue | . 30 | 2.00 |
| Wilsoni, blue | . 50 | 3.00 |
| ACROCLINIUM (A) (Everlasting Flower) | . 10 | . 40 |
| ADIUMIA Cirrhosa (P), (Allegheny Vine) | . 40 |  |
| AFRICAN DAISY. See Dimorphothera. |  |  |
| AGATHEA Coelestis (G), (Blue Daisy) - | . 25 | 1.50 |
| AGERATUM (A). |  |  |
| Blue Perfection. Fine dark blue | . 15 | 60 |
| Little Blue Star. Light blue 1/8 oz., . 55 | . 30 |  |
| Little Dorritt. Azure blue, 9 inches | . 15 | 60 |
| Dwarf Blue or White, each | . 15 | . 60 |
| Dwarf Mixed | . 10 | . 50 |
| Mexicanum, Blue or White, Tall | . 10 | . 35 |
| Mexicanum, Mixed | . 10 | . 35 |
| AGROSTEMMA COELI-ROSA. (A). |  | 25 |
| AGROSTEMMA CORONARIA, mixed. ( P ). | . 15 | . 30 |
| AGROSTIS NEBULOSA. |  |  |
| (Cloud Grass for winter | . 15 | 1.00 |
| ALYSSUM (A). |  |  |
| Maritimum (Sweet Alyssum). Whit | .10 | . 20 |
| Carpet of Snow, very dwarf, bearing a |  |  |
| white mass of bloom about two inches from ground | . 15 | . 60 |
| ttle Gem |  |  |
| This is a special strain of ext |  |  |
| sum; produced after a num |  |  |
| ful cultivation and selection b |  |  |
| European grower. Will produce th | - |  |
| tle plants you are loo |  |  |
| \$2.00 per $1 / 4 \mathrm{lb}$., Trade Pkt. |  |  |
| ALYSSUM-IILAC QUEEN-Pale Li | 0.15 | S0.50 |
| AIYSSUM-Saxatile (P). Ye | . 15 | . 60 |
| amarantus Caudatus (A). | . 10 | . 20 |
| Cruentes. (Prince's Feather) Dark Red. | . 10 | . 20 |
| Tricolor Splendens' (Joseph's Coat | . 15 | . 50 |
| Many varieties in mixture | . 10 | . 20 |
| AMMOBIUM ALATUM GRANDIFLORUM |  |  |
| (Everlasting) (A) | . 15 | . 35 |
| AMPELOPSIS Veitchii (P) (Japan Ivy).. | . 10 | . 30 |
| ANCHUSA Italica (P) (Dropmore). Blue |  |  |
| Flowers | . 20 | . 90 |
| "Blue Bird." New. A compact grow- |  |  |
| ing annual Anchusa, blue. | . 25 |  |
| ANTHEMIS. Kelwayi (P). Yello | . 20 | 1.00 |
| ANEMONE Coronaria (P). Mixed | . 15 | . 75 |
| St. Brigid (P). | . 20 | 2.50 |
| AQUILEGIA (Columbine) (P). |  |  |
| Chrysantha. Long-spurred. Yel | . 30 | 2.00 |
| Chrysantha. Double. Yellow | . 35 | 3.50 |
| Coerulea (Rocky Mountain) | . 30 | 1.75 |
| Coerulea Hybrida. Long-spurr | . 30 | 3.50 |
| Candidissima. Large, pure whit | . 40 |  |
| Long Spurred Hybrids. Mixed | . 30 | 2.50 |
| Long Spurred, Rose Queen. | . 40 |  |
| Iong Spurred, Copper Queen | . 40 |  |
| Long Spurred Hybrids. Mrs. Scott |  |  |
| Elliot's Strain ..................1/8 oz., \$1.00 | . 50 |  |
| Double. Mixed colors | . 15 | . 60 |
| Single. Mixed colors | . 15 | . 60 |
| ARABIS ALPINA (P) | . 15 | . 60 |
| ARABIS AIPINA Grandiflora Superba | . 25 | 1.00 |
| ARCTOTIS Grandis (Lilac Daisy) (A) | . 15 | . 50 |
| ARMERIA, Pink (P) | . 40 | 4.50 |
| ARTEMISIA (Summer Fir) (A) | . 15 | . 75 |
| ASCLEPIAS Tuberosa (P.) Orange | . 25 | 2.25 |

A NTIRRHINUM-(Snapdragon)
The Snapdragon, like most perennials and biennials which bloom the first year, is treated like an annual. SNAP-DRAGON-FORCING VARIETIES
G
G
$\mathbf{H}$
$\mathbf{J E}$
L

JENNIE SCNEIDER - 1 lovely shade uf
PUR: much in demand........................... 1.50
IS the long desilfal shade- introduction.
Is the long desirfd shade-A DFF:
rollod by any variety; glowers
"snaps" will be pleased with this latest
introduction ...................................................... 1.5

## For full descriptions, see Barnard's Retall Cata.

 log, Free to Florists on request.In this list of flower seeds the following abbreviations are used to indicate the classification: A, Annuals: $B$, Biennials; $G$, Greenhouse plants; $P$, Perennials.


## Nelrose. Rose-pink

T Pkt Orlando, Bronze ....-............................................................... 1.00 Phelps' White
1.00
.50

Philadelphia Pink ....................................................................... 1.00
Silver Pink. Very desirable 50 White Rock-The largest flowring and

ANTIRRHINUM. Maximum, Giant, Flowered.
mprovemal
flowers and longer stems.

| Apple Blossom | . 30 | . 75 |
| :---: | :---: | :---: |
| Bunch of Lilac. | . 30 | . 75 |
| Defiance, Cinnabar Scarlet. | . 30 | . 75 |
| Gotelind, Light orange. | . 30 | . 75 |
| Golden Queen | . 30 | . 75 |
| Purple King | . 30 | . 75 |
| Ruby, velvety ruby red | .30 | . 75 |
| The Rose. soft pink | . 30 | . 75 |
| Snowflake | . 30 | . 75 |
| Wallfower Colors | . 30 | . 75 |
| Maximum, Giant Flower ${ }^{+\cdots+1}$ Mix ${ }^{\text {a }}$, | . 25 | . 50 |
| TIRRHINUM MAJUS. Tall Varieties. |  |  |
| Brilliant Pose | . 15 | . 30 |
| Carmine King | . 15 | . 30 |
| Coral Red | . 15 | . 30 |
| Maroon | . 15 | . 30 |
| Golden King | . 15 | . 30 |
| Light Pink | . 15 | . 30 |
| Ruby | . 15 | . 30 |
| Rose King. Deep Self Rose | . 15 | . 30 |
| Queen Victoria, white | . 15 | . 30 |
| Venus, Pink on white ground | . 15 | . 30 |
| Majus, Mixed --................. 60 | .15 | .30 |

ANTIRRHINUM NANUM Semi-D世аrf.
Cherry Ripr-
cerise
-

| Crimson Queen | .25 .15 |
| :---: | :---: |
| Grenadier, orange scar | .25 |
| Peerless Fink. light rink | . 25 |
| Primrose Monareh- Nill (1,al Irmi. rose | . 25 |
| Purity White | . 20 |
| The Bride, white ald rose. | . 15 |
| The Fawn, Terra Cotta Fink. | . 15 |
| Golden Queen | . 15 |
| Semi-Dwarf, all colors, mixed, oz. . 60 | .10 |

## ASTERS

Aster seed is among our most important items; our stock is obtained from reliable growers who select their seed-bearing plants and will give better results than ordinary seed.


Type of Branching Aster

> CAIIFORNIA GIANTS
> A valuable new variety with immense fluffy flowers of the Crego type; a robust grower with long stiff stem.
> White, Deep Rose, Peach Blossoms, Iight Blue, Purple
> T. Pkt. $1 / 4 \mathrm{Oz} . \quad \mathrm{Oz}$.
> Separate colors, each.. . $\$ 0.50 \quad \$ 0.75$
> Mixed colors
> . 65
> 2.25

## CREGO'S GIANT

Fluffy, graceful flowers, 4 to 5 inches across.
White, Shell Pink, Dark Pink, Lavender, Purple and Crimson.

Separate colors, each $\qquad$ T. Plkt. $1 / 4 \mathrm{Oz}$. Oz.

Mixed colors
$\qquad$ \$0.25 \$0.40 \$1.25

EARLY WONDER OF EXTRA EARLY EXPRESS
The earliest of all Asters to bloom; flowers are of the Comet type, of good size and strong stems.
White, Carmine Rose, Rose, Lavender, Light Blue, Dark Blue and Mixed.

Each Tr. pkt., 25c; $1 / 4$ oz., 60c; oz., \$1.75
GIANT COMET
These have large flowers and long petals.
White, Light Pink, Rose, Carmine, Crimson, Lavender and Dark Blue.


Mixed colors
.15
$35 \quad 1.00$
GIANT HOHENZOLTERN
An excellent variety with enormous feathered flowers on long stems-makes a fine cut flower.
Mixed colors $\qquad$ Tr. pkt., 25c; $1 / 4$ oz., 45c; oz., $\$ 1.50$

## QUEEN OF THE MARKET

Not quite so early as Early Wonder but still a standard early variety.
White, Light Blue, Purple, Crimson, Rose, Light Pink, Lavender.
$\begin{array}{llllll} & & & \text { T. Plkt. } \\ \text { Separate colors, ea..... } 1 / 4 & \text { 1b., } \\ \$ 3.00 & \text { Oz. } & \text { Oz. } \\ \$ 0.15 & \$ 0.30 & \$ 0.85\end{array}$
Mixed colors................-1/4 lb., 2.75 . 15 . 25 . 75
ROYAI-Early flowering of branch-
ing habit. White, Pink, Lavender,
Purple, or Mixed colors. Each........ . 20 . 451.50
BALI'S WHITE ASTER
A splendid branching aster.
.25

AMERICAN BEAUTY
A distinct and valuable variety; flowers are similar to the Late Branching type but are much larger and have longer and stouter stems. A favorite late variety.
Azure Fairy, Light Blue September Pink, light
Crimson Rose (New shade)
Crimso
Rurple
Carmine Rose Lavender
Separate colors, each -.......................... Pkt. $1 / 4 \mathrm{Oz}$. Oz.
LATE BRANCHING


Rose
Crimson
Lavender

Mixed.............................. $1 / 4$ lb., $\$ 3.25$. 15 . 25 . 85
CRIMSON GIANT TPkt. $1 / 4 \mathrm{Oz} . \mathrm{Oz}$.
An upright growing sort, producing
very large, well-formed, dark crim-
son flowers ..............................................-. . 25 . 451.50
DAYBREAK-A delicate shell pink.... . 25 . 451.50
KING-Entirely distinct, petals somewhat quilled, but large and broad. White, Violet, Rose, Lavender,
Crimson or Mixed. Each...................
LAVENDER GEM-Loose flowers of
a pleasing shade of lavender.............
PINK ENCHANTRESS - The flower is full double; petals are of medium length and very broad..........................

PURITY - Snow white; similar to Daybreak, except in color-..--............
HEART OF FRANCE-Deep ruby-red . 25 . 451.50
SINENSIS FI. PI. (Ostrich Plume)-Coppery Brown. A wonderful and delicate rare color, especially val-
uable for cutting. uable for cutting.
SINGLE ASTERS-Lavender, Purple, Scarlet, White or Mixed. $\qquad$
SUNSHINE ASTER-Anemone flowered single Asters. White, Pink, Dark Rose, Light Blue, Dark Blue. Separate colors Mixed colors $\qquad$ $\begin{array}{rr} \\ .30 & 2.25\end{array}$
HARDY ASTERS (Michaelmas Daisies). (P.) Mixed colors.

Tr. pkt., 25c


Type of Crego and Comet Asters

## A S P A R A G U S

Plumosus nanus．Special Northern Greenhouse Grown， 1,000 seeds，$\$ 4.25 ; 5,000$ lots at $\$ 4.00$ per 1.000 seeds． Plumosus nanus．Extra quality， 250 seeds， 75 c；1，000 seeds，$\$ 2.50 ; 5,000$ at $\$ 2.00$ per 1,000 seeds．
Sprengeri．Best quality， 250 seeds， $50 \mathrm{c} ; 1,000$ seeds， $\$ 1.25 ; 5,000$ for $\$ 5.00$ ．
ASPERULA Odorata（P）
T．Pkt．Oz．
．\＄0．15
AURICULA（Primula）．Mixed（P）．．．．．．．．．．．． 40
BALSAM．（A）．
Double Camellia Flowered，separate col－ ors：Scarlet．White，Rose，Yellow． Striped，Mixed．Each．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．$\$ 0.15$
$\$ 0.65$

## BEGONIA

Semperflorens Alba
T．Pkt．Oz．
Broadcast．Brilliant Carmine Scarlet Begonia．Flowers of unusual size Handsome brown tinted dark green foliage．Height， 1 ft．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． Glory of Erfurt（very large rosy car－ mine flowers），$\frac{3}{32}$ oz．，S3．50．．．．．．．．．．．．．．．．．．．．．．．． .75
Erfordia，pink，fine bedding sort．Spe－ 1.00 cial strain，

> Gustav Knaake. This popular begonia is of the Gloire de Lorraine type and is invaluable for pots. The blooms are an extra large carminered and the plants grow about 10 to 12 inches high.
> Judging by the many repeat orders from our growers it has proven one of the most satisfactory and popular varieties.
> by oz., $\$ 3.50$; Tr. pkt., $\$ 1.00$

Semperflorens Fire Sea．Pure deep red flowers；foliage a reddish brown，grows about 5 inches

多2 oz．，$\$ 3.00$ ；Tr．pkt．，$\$ 1.00$ Salmon Queen．Pure salmon pink，about 10 inches high． Wurttenbergia，Blood Red．
， Vernon，red flowers，dark foliage．
Vernon，Dwarf，good for beddin oz．，\＄1．00；Tr．pkt．，35c Gracilis，Iuminosa，fiery scarlet．${ }^{\left.\frac{1}{3}\right)^{2}}$ oz．，$\$ 2.25$ Tr．pkt．，50c在这 oz．，\＄2．00；Tr．pkt．，50c

> Gracilis, Prima Donna, light rose. We have a Special giant flowering strain of this popular variety.

Radio．Dark green and brown foliage．Very large flow－ ers of pure Fiery Carmine Scarlet．

Tr．pkt．，\＄1．25

| Chatelaine Hybrids．Very early flowering，bright |
| :---: |
| pink．A desirable new strain．Tr．pkt．，$\$ 1.25$ |

BELIIS PERENNIS（Double Daisy）（P） Monstrosa Monstrosa．

$\qquad$Monstrosa．Mixed． oz．，60c ．．．．．．．．．．．．．．．．．．．．1／8 oz．， 50 c Snowbilu．Double，rose．．．．．．．．．s oz．，40c Dour ble Mixed ．．．．1／4 oz．，50c
BOCCONIA JAPONICA（P）
Tr．Pkt．Oz．

BOTTONTA Asteroides，（P）
OLTONIA Asteroides，white．．．．．．．．．．．．．．．．．．．．．．．．
Iatisquama．Flesh－colored flowers．．．．．．．．．．
BRACHYCOME Iberidifolia，Mixed（ 1 ）$\ldots$
BRIZA MAXIMA（Ornamental grass）（A）
CAICEOLARIA Hybrida grandiflora，．
है oz．，$\$ 2.00$ .30
.30

CAICEOLARIA RUGOSA HYBRIDA．Pop－
ular pot plant with numerous small
bright colored flowers．
．．．．．．．．．．．．．．．．．．

Double，Blue，White，Rose．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．
Cup and Saucer，Blue，White，Rose．．Each
Cup and Saucer，Mixed．
Carpatica Blue（P）．White．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．
Pyramidalis（P）．Blue．．．．．
Pyramidalis（P）．Blue．．．．．
Pramidalis
Persicifolia Alba（P）．White．．．．．．．．．．．．．．．．．．．．．．．．．．

Canna，New Varieties，mixed．．
.15 .15 .25 .30 .30
.25 .25 .25 .35 .30
.30 .15


## CALENDULA

## BAII＇S ORANGE and BAIL＇S GOID

We offer the originators stock of these two splendid new Calendulas－they represent the ＂last word＂in the development of this important flower which has become one of the most profit－ able of Florists＇crops． Each Tr．pkt．，50c；oz．，\＄3．00

CAIENDULA（Pot Marigold）．（A）T．Pkt．Oz
Meteor，Rich orange striped yellow．．．．．．．．\＄0．15 \＄0．25 Orange King，special strain．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 15 ． 60 1．4 lb．，\＄1．75

The Ball，Orange with a lighter center，
.15
a splendid florists＇strain．．．．．．．．．．．．．．．．．．．．．．． 50 3．00
Campfire，a new introduction of decided merit and no doubt will become the favorite Calendula for cut flowers． $1 / 4 \mathrm{oz} ., \$ 1.00$ ；Tr．pkt．， $50 \mathrm{c} ; \mathrm{oz} ., \$ 3.00$ Mixed Calendulas ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 10 ． 25

CALIIOPSIS（A）Crimson King．Dwarf．．． 15 ． 50 Golden Wave，fine for cutting．．．．．．．．．．．．．．．．．．．．．．．．． 15 Marmorata，Golden with red．．．．．．．．．． 15 ． 50 Finest Mixed，Many kinds．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 10 ． 30

CANDYTUFT．Giant Hyacinth－Flowered
White；extra selected．The best variety
to grow for cut flowers． 1,41 b．．$\$ 1.50 \ldots \ldots . .$.
Empress，Handsome，large pure white．．．．． 15 ． 40
Carmine，Crimson，Lilac，Rose Cardinal， 15
Mixed Annual Varieties．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 10 ． 25
CANDYTUFT．Sempervirens（ P ）White
Gibraltarica（P）Lilac and white．．．．．．．．．．．．．． 20
1.00

CARDINAI CLIMBER（Ipomoea Quamo－ .20

CARNATION，Chaubaud＇s Perpetual．．．．．．．．．．． 30 1．75
Grenadin，White．（ト）
Grenadin，Red．（ ${ }^{\prime}$ ）
Margaret，Mixed colors 1 ，oz．， 35.15
Glant Margaret，Mixed．．．．．．．．．．．．．1⁄ oz．，． 50 ． 25
CASTOR BEANS (Ricinus)
Panormitanus, Bronze Leaf........lb., \$2.00Cambodgensis, Almost Black........lb., 1.75
Gibsoni, Purple stem.

$\square$
Gibsoni, Purple stem ..... 1b., 2.00b., $\$ 2.75$Sanguinea, Red stem........................, 1.25Zanzibarensis, Dark leave: very fine.......
Zanzibarensis, Enormis
lb., 1.50
Mixed. All kinds lb., 1.20
celosia. (A).
Glasgow Prize. Very large crimsoncombs, dwarfEmpress Dwarf, Crimson.Aurea, Dwarf, Yellow...Dwarf Cockscomb. Choi i.e mixtur.................Tall Cockscomb. Choice mixture........Plumosa Thompsonii Magnifica, mixedfne featherepsonii Magnifica, mixedPride of Castle Gould, plumed, fine...........................................
CHINESE WOOLFLOWER.
Celosia Childsii,
Yellow or Pink ..... 20
CENTAUREA. (A)
Candidissima. Gray leaves....................... ..... $\$ 0.25$
Gymnocarpa. (Dusty Miller-. $1 / 4$ lb., 1.50 ..... 25
Cyanus (Bachelor Button)
Blue, Rose, White ..... 10
Mixed
Double

                e Blue, Pink, White, Lavendereach
    Double Mixed ..... 15
Imperialis, White. Lavender, RosePurple, Amaranth, each
Imperialis (Sweet Sultan), mixed... ..... 15
Suaveolens (Yellow Sweet Sultan) ..... 15
.25
Montana (P.). White.
Montana (P.). Blue. ..... 20CHRYSANTHEMUM. (A).Single, Annual, mixed colorsDouble, Annual, mixed colorsBurridgeanum. Pure white with zoneof rich brownish red and yellowNorthern Star. Pure white, with canary-yellow sone around daryyellow zone,Evening Star, Golden YellowEclipse, Yellow and Brown...Bridal Robe. Double pure white, valu-able for cutting

$$
\text { ave } 101 \text { cutimg.- }
$$

Frutescens (G), (Paris Daisy)King Edward VII (P)Shasta Daisy, Alaska ( P ) .........1/ $1 / \ldots, \ldots, \ldots$CINERARIA.
Maritima (Diamond), White foliage forbeddingMaritima Candidissima. White leavedbedding
CINERARIA HYBRIDA GRANDIFIORA
Mixed. A very fine strainNana. Best mixed, semi-dwarf, largeflowering, splendid range of colorsHybricla Multiflora Nana No., 3.50Hybrida Multiflora Nana. New, thedwarfest and most compact varietywith masses of small flowers. Mixed$\frac{1}{32}$ oz., 3.00
Matador. Large scarlet flowers
Stellata Mixed. (Star Cineraria)CLARKIA. (A) Double.Apple Blossom, Rose Carmine
Salmon, Scarlet, White, Iilac, each
Double, Mixed
Single, Mixed
LIMATIS. (P). Large-
Paniculata (Japanese)CTPOME. (Spider Plant)
COBAEA Scandens. (A). Purple flowersScandens alba. White flowers.....................
COLEUS. Hybridus. Mixed ....1/8 oz., 75cMammoth Rainbow, very fine mixture$\frac{1}{16} \mathrm{oz} ., \$ 1.50$ New Fringed, a very showy variety, grows 20 to 24 inches; the leaves are light green marbled and blotched with many colors. Very decorative for pot plants or bedding
CONVOLVULUS (Morning Glory) (A) Major. Tall, mixed.................... 1 lb., \$0.75 Japanese Imperial. Mixed colors.T. Pkt.
.303035251540 1015151015155050 15151510251550

## Oz .

$\$ 0.20$
.15
.15
.15

## CYCLAMEN

PERSICUIV GIGANTEUIM, German grown.
Glory of Wandsbeck, dark salmon.
Rose of Wandsbeck, light salmon.
Glowing Dark Red.
Rose of Marienthal, Pink.
White with Carmine Eye.
Lilac.
Glowing Red.
Trade Pkt., 75c; 100 seeds, $\$ 1.25 ; 1,000$ seeds, $\$ 11.00$; 5,000 seeds, $\$ 10.00$ per 1,000.

## CARIMINE SALIMONEUM.

This Cyclamen is a great favorite and much in demand on account of the large size and attractive color of the flowers
Trade Pkt., 75c; 100 seeds, $\$ 1.75$; 1,000 seeds, \$14.00.


Coreopsis, Semi-Double.
T. Ikt. Oz.

COREOPSIS. Lanceolata Grandiflora (P) \$0.10 .30
Lanceolata Grandiflora, Fl. Pl. (Semi-
Double) ................................................. 25 1.00 COSNOS (A)
Early flowering mammoth. White, Pink,
Crimson .-.....................................Each 10 . 35
Early flowering mammoth, mixed...............................................
10
.30
Giant Flowered Cosmo........................................ Red, Iink.
$\qquad$ .10
 .50
.10 10 .25
Double Crested or Anemone Flowered-
Late flowering. White Queen, Fink
Beauty, Crimson King and Mixed
Double Crested, Extra Early--................................. blossom
Ex. Ey. Double Crested Mixed................................................................. 25
CUPFEA, Platycentra (Cigar Plant) ........ .35
CYNOGIOSSUM, Amabile (Chinese For-get-me-not)
CYPERUS Alternifolius (Umbrella plant) .15
CYPRESS VINE, Mixed colors.......................
Red, White, each
DAFIIA. Double, extra choice, mixed.... Cactus-flowered, double mixed. .10
.10

Single-flowered, mixed ................................... . 15
"Coltness Hybrids" Improved. New, single flowers of many beautiful shades, grows 18 inches, blooms first season, fine cut-flower...............................- . 35

## Delphinium



## DELPHINIUIV HYBRIDS. "Blue Bird" Strain. <br> This is procured by us direct from one of the

 finest and largest collections of Delphiniums in this country. A collection-the result of testing the most famous strains procured froin all over the world. Contains solid colors and many combinations difficult to describe; largely semi-double flowers of great beauty. This strain will give the best satisfaction either for Cut-flowers or Nursery plants.$$
\text { Tr. Pkt., } 75 \mathrm{c} ; 1 / 4 \text { oz., } \$ 1.50 ; \text { oz., } \$ 5.00
$$

BLACKMORE AND LANGDON'S STRAIN. English grown. Famous the world over.
/4 oz., S1.75; Tr. Pkt., 75c

## HEWITT'S NEW ENGLISH DELPHINIUMS

Wrexham Coquette, Violet shaded to deep blue height, 6 ft
Wrexham Queen Mauve Charr. Pkt., S1.00 mauve-height, 6 ft .

Annual Varieties of Delphinium-See Larkspur DIANTHUS, Double Annual Pinks

Tr. Pkt.
Chinensis, Mixed extra fine......................... . 15 Oz.
$\begin{array}{ll}\text { Chinensis, Mixed extra fine........................ } & .15 \\ \text { Fireball, red; Snowball, white, each.-...... } & .15\end{array}$
Fireball, red; Snowball, white, each.................................... 15
Freddewigii fl.-pl., mixed.......
Diadematus (Diadem l'ink) .50
1.00

Laciniatus fi-pl., (Fringed, mixed)...
Mourming Cloak, Dark, velety crimson
Double Pinks, all kinds, mixed
DIANTHUS, Single Annual Pinks
Crimson Belle. Single, dark, velvety
red
Eastern Queen. Single rose-colored flower ................................................................
The Bride, White, with purple eye...........
Heddewigii. Single flowered, mixed..
Laciniatus, Fringed petals, rich colors 15
Single Pinks. All colors. mixed.............. $\quad .10$


Delphinium or Perennial Larkspur


Gaillardia Grandiflora, "Dazzler."


GOMPHRENA (Everlasting). Mixed......GLOXINIA (G). Mixture of colors............ GODETIA (A). Fine cut flower; mixed.... GOURDS. Mixed ornamental varieties........ Grasses.
Gynerium Argentium (Pampas Grass) (P).

Ornamental Mixed <br> \section*{.15 <br> \section*{.15 <br> .15}

REVITTEA Robusta Fern-like foliage GYPSOPHILA. (A).
Grandiflora Elegans Alba. Paris Market strain, an improvement on the older types, grows same height but has larger pure white flowers.

Carminea
Rosea
Paniculata fl.-pl. Double (P).-1/8 oz., 1.25
Paniculata. White (P) ..........1/4 lb., 1.25
. 10
.50
.10
.10
.15


HEIICHRYSUMIMONSTROSUM, Double.
Album; Fireball, Crimson, Salmon.
Roseum; Purple and Yellow, each...........
Mixed ................................. 1 li, 1.60
(HELENTUMI, Riverton Gem (P)................. . 25
HELIANTHUS. (Sunflower)
Miniature, Single; Small flowers
Globosus fistulosus. Round; double.........
Double Chrysanthemum-Flowered $\qquad$ Single, Tall Red
heliotrope. (A). Choice Mixed Varieties

HIBISCUS (P) Marshmallow Mixed.-

## .15

Moschuetos Roseus


New Annual Larkspur, La France

HUMIULUS, Japonicus (Japan Hop)............. . 10 Japonicus Variegatus. Varigated.-............. . 15
HOIIYHOCK. (P). We offer very choice seed.

## Double White

Crimson Yellow
Salmon Maroon
Double Pink Biack
Double, separate colors, each.....-..............
T. Pkt. Oz.


Newport Pink, an exquisite shade,
double
do
. 25
1.20 double

ICE PLANT ....................................................... . 15
IMPATIENS, Sultana. (A). Carmine...........................................
Sultana Hybrids

Holstii, Hybrids
IPOMOEA (Moonflower), White. $1 / 4 \mathrm{lb} ., 1.25$ Bona Nox (Evening Glory), Blue
Pink Hybrids ........................................
.20
Setosa (Brazilian Morning Glory)........... .75

KOCHIA (A). (Summer Cypress)
KUDZU VINE (P). (Jack-and-the-Bean- 10 . 10

LANTANA (A). Lantanas are valuable plants for bedding and pot plants. Finest Mixed
.15

## LARKSPUR (Annual varieties)

La FRANCE. The best pink stocked-flowered Larkspur for Florists' use. The large, well formed double flowers are a very pleasing shade of Salmon-pink-closely resembling the popular Snapdragon Jeanie Schneider, and are well placed upon the long stems. Is much more vigorous and taller growing than other pink shades of stock-flowered varieties on the market today, and is more resistant to mildew. Tr. pkt., 50c T. Pkt. Oz.

Tall, Double Branching, or Stock-flowered, Blue, Bright Rose, Lílac, Lustrous Carmine, or Newport Pink, Shell-Pink, Rosy Scarlet and White, each...................-\$0.15
$\$ 0.65$
Branching Mixed ................ $1 / 4 \mathrm{lb} .$, \$1.25 . 10 . 40
Exquisite Pink. A favorite stock-flowered variety $\qquad$ .25
1.00

Improved Giant Hyacinth-flowered. This is a valuable Florists' variety, blooms early, has large flowers and long stems, much superior to the old type.
Lilac, Purple, Pink, White, each...-........... \$0. 25 Mixed
LATHYRUS Latifolius ( P ). (H a r d y
Sweet Pea), Red, Pink, each .................... . 20 . 90

WHITE PEARI. The best white.-..........
Mixed
1.25

IAVENDER. (P). Fragrant blue flowers..
IEIMON VERBENA (A) ..............1/4 oz., 90c
IINARIA Cymbalaria (Kenilworth Ivy).... . 30
1.90

LOBEITA. (A). Sapphire. Deep Blue;
trailing -...................................-1/8 oz., . 40
Speciosa. Dark foliage; blue trailing....
Bedding Queen. Purple with white eye;
dwarf
Crystal Palace Compacta.
.20
1.00

White Gem. Dwarf.... Mixed. (A)
.15
.15
Cardinalis (P). (Cardinal Flower), Red . 40
IUNARIA BIENNIS (P). Alba, White....-- . 15 . 55 Kermesina, Crimson $\qquad$ .15
IUPINUS. Very desirable cut-flowers for greenhouse or out-doors. Lime should not be used in their culture. HARTWEGII (A). White-Rose, Light Blue and Dark Blue. Each $\$ 0.10$ Mixed Colors
.10

## PERENNIAI VARIETIES

Polyphyllus (P), Blue or White...............- 10 . 40
Polyphyllus (P), Rose.........--............-.......... . 15 . 80
Perennial Sorts. Mixed...-----.................................-. . 10 . 30
ENGIISH HYBRID IUPINS. Harkness' famous strain. Tall and stately blooms, very fragrant and especially valuable for cutting. Pure White, Purple and Mixed. $1 / 4$ oz., $\$ 2.00$; Trade Pkt., 75c
工YCHNIS Chaicedonica ( P ). Scarlet........ $\$ 0.15$
Haageana hybrida. Mixed -........................ . 25
$\$ 0.60$
1.75

## MARIGOLD

Marigolds, especially the African varieties, have reentiy become very popular as a cut-flower-we have extra fine strains of Orange and Lemon for Florists' use.
T. Pkt. Oz.

| ALI DOUBLE AFRICAN. Orange Prince. Extra fine s | \$0.20 |
| :---: | :---: |
| Lemon Queen. Extra fine st | . 20 |
| IMi | . 10 |
| DOUBLE DWARF FRENCF. These ar |  |
| being used very extensively as pot |  |
|  |  |
| riesirable. |  |
| Brown Spot |  |
| Dark Brown . |  |
| Golden Ba | . 15 |
| Mixed |  |
| SINGLE DWARE. Legion of Honor...... . 10 |  |
| SINGLE SIGNATA PUIMILA. A dwarf |  |
| leaves directly covered with small |  |
|  |  |
| bright golden yellow flowers-a fine |  |
| border plant-try it for pots.................-. |  |
| MATRICARIA Capensis (Feverfew). (P) |  |
| Capensis Alba Plenissima.................................................... |  |
|  |  |
| MAURANDIA. Mixed .............. $1 / 8$ oz., . 65 |  |
| MIGNONETTE, Allen's Defiance................... |  |
| Bismark. An improved Machet | 20 |
| Machet. Long spikes.. |  |
| Golden Machet |  |
| Grandiflora. Large-flowering. Mix | . 15 |
| MIMOSA pudica (Sensitive Plant)............ |  |
| MIMULUS Tlgrinus (Monkey Flow | . 25 |
| Moschatus (Musk Plant)........................ |  |
| MOMORDICA Balsamina (Balsam Apple) <br> Charantia (Balsam Pear) |  |
|  |  |
| MOON FLOWER (Ipomoea Noctifiora). Covered with large white flowers every evening and cloudy day. should be started inside.... $1 / 4$ lb., 1.25 |  |
|  |  |
|  |  |
|  |  |
| MYOSOTIS (F'orget-Me-Not). |  |
| Mixed ......................................................... |  |
| Alpestris (B). Blue, White, Rose, each . 15 Robusta grandiflora. Blue............................ . 15 |  |
|  |  |
| Victoria. Sky Blue..................1/4 oz., . 35 . 30 |  |
| Palustris (P). .............................. $1 / 4$ oz., . $60 \quad .40$ |  |
| Semperfiorens | . 35 |
| Ruth Fischer |  |

## NASTURTIUM

NASTURTIUM, Tall or Climbing.
Atropurpureum, Velvety crimson............
Coccineum. Bright scarlet.
Oz
.15
Dunnett's Orange. Orange and red........
Heinemanni. Chocolate color
King Theodore. Crimson, dark foliage
Pearl. Creamy white

Von Moltke. Rose.
Madam Gunther Hybrids.............................. 1.00
Barnard's "Royal Mixture." Tall Nasturtiums ......................................... lb., 1.00
NASTURTIUM, Dwarf or Tom Thumb.
Aurora. Salmon and rose-blush.
Beauty. Scarlet, splashed canary..................
Cloth of Gold. Scarlet; yellow foliage..
Crystal Palace Gem. Sulphur-yellow......
Empress of India. Crimson
Golden King. Yellow; dark foliage........
King of Tom Thumbs. Scarlet; dark.......
King Theodore. Maroon; dark leaves....
Lady Bird. Yellow and red.-.
Pearl. Creamy white.

Ruby King. Ruby-rose; dark
Barnard's "Royal Mixture" of Dwarf Nasturtiums. Lb., $\$ 1.00$

NEMESIA NANA COMPACTA T. Pkt. Triumph, mixed ........................
NICOTIANA Affinis hybrids. 10 Sanderea hybrids ..................................................
NIGEILA (A). Miss Jekyll. Longstemmed flowers of a clear cornflowerblue; good cut flower..
Mixed

| PASSIFLORA (Passion Flower) | $\begin{aligned} & \text { T. Pkt. } \\ & . \$ 0.50 \end{aligned}$ | Oz . |
| :---: | :---: | :---: |
| PENNISETUM (Fountain Grass). |  |  |
| Longistylum. Grayish plumes................... Ruppelianum. (Purple Feather Grass) | . 15 | .50 1.25 |
| PENTSTEMON. (P). <br> Gentianoides Grandiflorus. Large Flow- <br> ering, mixed $\qquad$ <br> Gentianoides Gigantea, new............ .......... . . 40 |  |  |
|  |  |  |
| PEPPER. |  |  |
| Bird's Eye ...........-.....................1/8 oz., . 60 | . 35 |  |
| Cleveland ....................................1/4 oz., . 50 | . 25 |  |

PHIOX. (Phlox Drummondi Grandifiora)
White, Scarlet, Rosy Carmine, Chamois Rose. Carmıne. White Eye, Blood Red. Each.
.20
Large Flowering, mixed.
DWARF PHLOX (Nana Compacta).
Fireball, Snowball, Rose, Chamois Rose, Coerulea

| Stellata, each................................1/4 oz.. . 70 |
| :--- |
| 11 |
| oz colors, mixed. |
| 1 |

All colors, mixed....................................1/4 oz., 55 . 20
PHLOX. Star of Quedlinburg, mixed........ . 20 . 85
PHIOX Decussata (Hardy Phlox), seed
Slow to germinate, mixed..........1/4 oz.,. 75
. 30
PHYSALIS Francheti (P) (Lantern Plant) $20 \quad 1.00$
PHYSOSTEGIA Virginica (P.) Rose.......... . 25 1.50
Alba, White ...
PLATYCODON ( $\Gamma$ ). (Chinese Bellflower),
blue or White, each..........................................-. . 25


## PRIMULA, chinese fringed

| Chiswick Red | Rose T | T. Pkt. | $\frac{1}{3} \frac{\mathrm{Oz}}{}$ |
| :---: | :---: | :---: | :---: |
| Crimson King | True Blue |  |  |
| Salmon | White |  |  |
| Pink | Separate Colors...-S | .S0.75 |  |
| Mixed Fringed |  | 0.50 | \$2.75 |
| OBCONICA VARIETIES (Arend's Strain- |  |  |  |
| Grandiflora Alba .-.................................... . 75 2.75 |  |  |  |
| Apple Blossom |  | . 75 | 2.75 |
| Kermesina, Crimson |  | . 75 | 2.75 |
| Rosea |  | . 75 | 2.75 |
| Pure White |  | . 75 | 2.75 |
| Obconica, mixed |  | . 75 | 2.75 |
| Fire Queen |  | . 75 | 2.75 |
| Glgantea Apple Blo |  | 1.00 | 3.00 |
| Kermesina |  | 1.00 | 3.00 |
| Rosea |  | 1.00 | 3.00 |
| Mixed |  | 1.00 | 3.00 |
| Mueller |  | 1.25 | 4.00 |
| Mohnstein |  | 1.25 | 4.00 |
| Berlin (Grilles Strain) Improved, Dark |  |  |  |

Red

1.50

BABY PRIMROSES-
Forbesi (Baby lrimrose). Rosy Lilac.... . 50
Malacoldes, Lilac, Rose, White.................. . 50
PRIMULA. Hardy sorts. (P)
Auricula. Finest mixed
.40
.40
Elatior (Polyanthns)
Japonica (Japan Primrose). Mixed
.40
Vulgaris (English Yellow Primrose).... . 40

## Pansies

Pansies thrive best in cool, moist soil which should be enriched with shredded cow manure and finely ground bone meal, the flowers will be much larger and possess greater substance in their petals. Where extra large blooms are desired, pinch off all but two or three to the plant. Take care of the weakest looking seedlings, as they usually give the finest flowers.

BARNARD'S "FLORISTS'" MIXTURE - The cream of American and European Specialists. In this magnificent mixture of mammoth-flowering Pansies the blossoms are borne on lone stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings; of fine substance velvety texture, perfect form, and giant size. The colorings are rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variations. Our aim is to furnish the best Pansy Seed obtainable. Trade pkt., $40 \mathrm{c} ; 1 / 8 \mathrm{oz}$., $\$ 1.25 ; 1 / 4 \mathrm{oz} ., \mathrm{\$ 2.25}$;


BARNARD'S "GIANT FLOWERING" MIXTURE.
superior mixture selected from choice, large flowering strains of American and European growers. This strain is one of the great excellence, the individual flowers being superb, and include many fine shades in a number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. Trade pkt., 30c; $1 / 8$ oz., 75c; $1 / 2 \mathrm{oz}$. . $\$ 2.75$; oz., $\$ 5.00$.
BARNARD'S "BEDDING" MIXTURE. The old-fashioned pansies for beds or borders. Great diversity of colors, free flowering, blossoms slightly smaller than the Giant sorts. Trade pkt., 15c; $1 / 4 \mathrm{oz} ., 40 \mathrm{c}$; oz., \$1.50.
GIANT TRIMARDEAU, MIXED. A Showy class of robust and very compact growth. The flowers are carried well above the leaves and are splendid for bouquets, as the stems are long. Mixture of finest colors. Trade pkt., 20c; 1/4 oz., 50c; oz., \$1.75; $1 / 4 \mathrm{lb} ., \$ 6.00$.
BUGNOT'S SUPERB BLOTCHED. A French strain of extra large size, choicest colors, with beautiful broad blotches and delicate pencilings. Finest mixed. Trade pkt., 25c; 1/8 oz., 50c.
CASSIER'S GIANT. A very showy and rich strain saved from very large and beautifully blotched model flowers. Trade pkt., 25c; $1 / 8$ oz., 50c.
MASTERPIECE. The enormous large flowers are borne well above the foliage on strong stems. The petals of the flowers are waved or curled, and contain the richest colors. Trade pkt., 30c; $1 / 8$ oz., 60c.
STEEIE'S IMASTADON. Greenhouse Special. Trade pkt., 35c; $1 / 8$ oz., $\$ 1.25$; $1 / 4$ oz., $\$ 2.25$; oz., $\$ 7.50$.
SWISS GIANH MIXTURE. A wonderful new strain. The imposing flowers, which on long, vigorous stalks surmount the large, healthy looking foliage in the most graceful manner, are of enormous size, perfectly round with overlapping petals.
The beauty, brilliancy and lichness of colors being: are produced. Trade pkt., \$1.00; $1 / 8 \mathrm{oz} .$, \$2.50; $1 / 4 \mathrm{oz}$., $\$ 4.00$.

GIANT FLOWERED PANSIES-Separate Colors.
T. Pkt. 1/8 oz.

Giant Andromeda, Pink $\$ 0.25 \quad \$ 0.35$
Giant Azure Blue, beautiful shade............ .35
Giant Blue Domino, purplish black top, petals light blue.
.25
Giant Coal Black, very dark....................... . 25
Giant Emperor, Ultramarine....................... . 25
Giant Fiery Faces, Scarlet, gold edge....
Giant Freya, violet purple silver edged
Giant Hortensia Red.
Giant Lord Beaconsfield, lavender and rich purple, a favorite
Giant MIme. Perret, Shades of pink and rose
Giant Mercury
Giant Orchid Flowered, mixed
Giant Psyche. Blotehed flowers entirely surrounded with white.
.60
.40


| Giant Prince Eismarck, brown sha | $\begin{aligned} & \text { T. Pkt. } \\ & \text { \$0.25 } \end{aligned}$ | $\begin{gathered} 1 / 8 \mathrm{oz} \\ \$ 0.35 \end{gathered}$ |
| :---: | :---: | :---: |
| Giant Prince Henry, Dark Blue. | . 25 | . 40 |
| Giant Purple, rich and velvety | . 25 | . 35 |
| Giant Ruby Red. | . 25 | . 40 |
| Giant Snowflake, pure white | . 25 | . 35 |
| Giant spotted White, with dark blotch | . 25 | . 35 |
| Giant Striped, striped and streaked.. | . 25 | . 35 |
| Giant Yellow, dark center... | . 25 | . 35 |
| Giant Yellow Gem, pure yellow. | . 25 | . 3 |

## POPPIES

POPPY (Papaver). Annual.

| American Legion, Orange-Scarlet........... | . 15 | . 55 |
| :---: | :---: | :---: |
| King Edward, Scarlet, shaded Black.... | . 15 | . 40 |
| Shirley, mixed | . 10 | . 25 |
| Glaucum (Tulip Poppy), Sca | . 15 | . 40 |
| Single, mixed, annual. | . 10 | . 20 |
| Cardinal, Double Scarlet. | .15 | . 25 |
| Carnation-flowered, very showy | . 10 | . 25 |
| Paeony-flowered, mixed colors. | . 10 | . 25 |
| Shrimp Pink, double.. | . 15 | . 40 |
| White Swan, large, pure white, double.... | . 15 | . 25 |
| Rhyburg's Hybrids | . 15 | . 50 |
| Double, mixed, annual | . 10 | . 20 |
| POPPY. Iceland (Nudicaule). (P) Mixed | . 20 | 1.00 |
| Yellow | . 25 | 1.25 |
| Orange | . 25 | 1.25 |
| White | . 25 | 1.25 |
| POPPY. (Papaver Orientale). (P) |  |  |
| Oriental. Crimson, black blotch.... | . 20 | 1.00 |
| Oriental Hybrids. Mixed colors. | . 20 | 1.35 |
| Oriental Princess Victoria Louise, Soft |  |  |
| Salmon Rose .....................................-- | . 40 |  |

PORTULACA, Single, finest mixed................. . 15 . 60 Double, extra fine, mixed. 25
1.75
PYRETHRUIM Aureum (Golden Feather) . 15 . 50
PYRETHRUML. (P). Roseum. Hybridum. Grandifiorum. Single, mixed. .25 2.50
Kelway's Hybrlds, very fine........................ .50

## Petunias

For best results the sefd of the large flowering single and double Petunias should be sown with great care and take care of the weakly looking seedlings as they frequently give the finest flowers.

## LARGE FLOWERING SINGLE

Portland Varieties
T. Pkt.

Apple Blossom, Delicate tints of pink........S0.75 Elk's Pride, Finest large flowering royal Pride of Portland, deep rose........) oz., 1.75 .75



| Pink Glory, deep rose pink, slightly,ruffled, a compact grower...- ${ }^{\frac{3}{2 / 2}}$ oz., $\$ 2.00$ T. Pkt.\$1.00 |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |

T. Pkt.

Large Flowering Fringed, mixed, $\frac{1}{3 z}$ oz., $\quad .50$
Giants of California............................................ $\$ 2.25$. 50
Giants of California, New Dwarf. The best
strain of giant l'etunias for pot culture
and bedding
1.00


Ruffled Giant
 Ruffled Monsters $\qquad$
Hybrida Grandiflora Superbissima Mata-
dor, new mammoth flowering petunia.
Bright salmon rose, dark veined throat. Excellent pot plant
.75
Grandiflora Nana, white and dark crimson, blotched and striped. New dwarf


## BALCONY PETUNIAS

Blue, Crimson, Rose, White and Mixed.
Balcony Queen, Purple and White.............................................. 50
SINGLE SIMALL FLOWERING PETUNIAS

## Blotched and Stripe

.15
25
Howard's Star, Dark Maroon.... 1/4 oz., $\$ 0.50$. $25 \quad 1.50$
Inimitable, dwarf, for pots


Snowball ......................................1/4 oz., . 45
De Luxe Bedding Mixture.
Fine Mixed
DOUBLE LARGE FLOWERING PETUNIAS
Barnard's Double Mixed, An exceptionally
fine strain. 1,000 seeds..................... \$1.50
Double Fringed, mixed, large fine flowers .75
Dble. Hyb. Grnd., Fringed Violet................. 1.00
RHODANTHE. (Everlasting), mixed .15
RICINUS. See Castor Oil Bean.


Salvia, Clara Bedman, or Bonfire


Type of Large-flowering fringed Petunia


## SALVIA SPLENDENS-"WONDER."

A ne kind, produces flowers so abundantly that the foliage is almost hidden, giving the heds the appearance of a brilliant red carpet. A splendid addition to the Ealvias

$$
1 / 4 \text { oz., \$1.00; Tr. Pkt., \$0.75 }
$$

Azurea Grandiflora. (P)

.50

## SCABIOSA

SCABIOSA. Annual varieties
Azure Fairy, Black King, Snowball.
Fiery Scarlet, Golden Yellow, Rose.
Peach Blossom; Slasta, White each
Tall, Double, mixed
.15
.-. 10
CABIOSA. Perennial varieties
Caucasica, Lavender. (P)............................. 35
Cancasica, Iblite Perfecta, (reamic................................. 40
Cancasia, Alba Perfecta, Creamy il hite 1.00
Cancasica, Empress, platinum hlue........ 1.00
Cancasica, Isaac House, Jiolnt hlun........ 1.00


## SWEET PEAS

## WINTER FIOWERING VARIETIES

These recent introductions represent the highest type of the early flowering Spencers. They are of special merit as regards size and form of flowers and length of stem, and are a valuable addition to the Winter Flowering sorts. For Christmas flowering sow about the middle of August.

| Amethyst, Royal Purple | So.40 | $1 / 4-1 \mathrm{~b}$ $\$ 1.40$ S | ${ }_{\$ 5.0}^{\text {Lb }}$ |
| :---: | :---: | :---: | :---: |
| Blue Bird, Violet Blue...... | . 40 | \$1.40 | \$5.50 |
| Burpee's Orange | . 60 | 2.00 | 7.00 |
| Columbia, Pink and White.. | . 40 | 1.40 | 5.00 |
| Glitters, Bright Orange | . 40 | 1.40 | 5.00 |
| Grenadier, Scarlet | . 60 | 2.00 | 7.00 |
| Harmony Lavender. Giant flowering clear lavender, highly | 50 | 1 |  |

Harmony White. The latest and finest black seeded Pure White flowering variety. The favorite of many of the largest commercial growers. .---.-.-.-.-............ 1.00
Heatherbell, beautiful shade of Lavender
-.. $\$ 0.40$
Madonna, Black Seeded White... .
Mrs. Calvin Coolidge. An exquisite shade of salmon pink, has been greatly admired wherever shown. Flowers are very large and make a striking appearance. It is sure to become one of the popular

Mrs. Chas. A. Zvolanek, Lavender
Miss Louise Gude, Pink
Morse's Giant Rose. The best rose-pink. Extra large flowers on long, strong stems. Of special merit for bunching.............
Orange King. Intense Orange-....--
Pink Charm. A new early light rose pink -a vigorous grower with a long blooming period. $1 / 2$ oz., $\$ 1.25 . . .-\ldots . . . . . . . .2 .25$
Rose Queen
$\$ 1.25 \quad \$ 4.75$
$1.40 \quad 5.00$

## WINTER FLOFERING-Continued

|  | $\begin{aligned} & 1 / 4-1 \mathrm{~b} . \\ & \$ 1.40 \end{aligned}$ | $\begin{aligned} & \text { Lb. } \\ & \$ 5.00 \end{aligned}$ |
| :---: | :---: | :---: |
| Snowstorm, White ......................... . 40 | 1.40 | 5.00 |
| Spring Song. One of Morse's |  |  |
| new introductions. Color a rich |  |  |
| bright rose flushed salmon. The |  |  |
| flowers are large and beauti- |  |  |
| fully frilled and carried well |  |  |
| on long stems. A valuable |  |  |
| arquisition to the commercial |  |  |
|  | 6.50 |  |
| Superior Pink. A beautiful clear |  |  |
| rose-pink, very slightly shaded |  |  |
| with salmon .-...-............-...........-- \$0.60 | \$2.00 | \$7.00 |
| Sweet Lavender. Pure self lav- |  |  |
| ender, very large frilled flow- |  |  |
|  | 2.00 | 7.00 |
| Vulcan, Vivid Scarlet.-.......-...-......... . 60 | 2.00 | 7.00 |
| Yarrawa, Rose-Pink .---...---..-........-. . 40 | 1.25 | 4.75 |
|  | 1.40 | 5.00 |
|  | 1.50 | 5.50 |
|  | 1.50 | 5.50 |
| Spencer Varieties |  |  |

This type of Sweet Peas has very largely taken the place of the common or grandiflora sorts. The flowers are larger, often measuring $21 / 2$ inches across. Their
beautiful waved petals are borne in clusters of 3 or 4 on long, strong stems, adding so much to their value as cut-flowers. The varieties that we are listing here are those which we consider the best of their color, and include some of the very recent introductions of special merit.



SCHIZANTHUS (Butterfly Flower). Wisetonensis. Largely used as a pot plant for the house or conservatory.... . 35 Wisetonensis Bridal Veil, pure white...- . 35 Giant Flowering Hybrids an extra select strain $1 /$ Sy $\$ 1.00$ an extra Mixed35

Youth, Large White, Pink Picotee.-......-..-1/4
1 b.
Mixture of Grandifiora Varieties. 10 . 10
.65
T. Pkt. Oz.

## STOCKS—GILLIFLOWERS

NOTICE-Our Stock Seed is selected especially for florist trade.

> NICE, EARIY LARGE WINTER FLOWERING
> We have a rery fine strain of the Beauty of Nice type of early flowering Winter stocks and you may depend upon a large percentage of double flowers on good stems.
> Abundance, Carmine Rose.
> Beauty of Nice, Flesh Pink
> Belle of Naples, old rose...
> Cote le Azure, light blue......
> Dark Crimson, large flowers......
> Queen Alexandria, Rosy-Lilac...
> Parma Violet, pale violet.
> Mont Blanc, White.
> Mark Blue
> Monte Carlo, Yellow
> Early Nice, Mixed

GIANT PERFECTION OR CUT-AND-COME AGAIN
Light Blue, Dark Blue, Lavender, Rose Scarlet, Light Pink.
Princess Alice (White), Canary Yellow, each
-..................................................
Tr. Pkt., 25c 1/8 Oz., 40c

Giant Perfection, Mized .25

## GIANT BISMARK

One of the best stocks for inside or outside planting; of pyramidal form, strong and robust, gives large double flowers. A splendid sort for cutting.
T. Pkt. 1/8 Oz.

Flery Blood Red, Dark Blue, Flesh, Lavender, Rose, White and Mixed, each..................................... 25
.50

## T. Pkt.

Large Flowering winter.
White Iady, large double showy white
flowers .................................................... .50
LARGE FLOWERING 10-WEEKS STOCKS
Rose, Iirht Blue, Crimson, Purple, Pkt. $1 / 4 \mathrm{Oz}$ Canary Purple, White, Blood Red, Canary, Flesh
and Mized, each................................................... 25
STOKESIA Cyanea. (P). Blue T. Pkt. Oz.
STOKESIA Cyanea. (P). White................. . 30 1.50
SWEET ROCKET. (P). White or Purple . 15 . 40
Mixed
.15
SWEET SULTAN. See Centaurea.

## SWEET WILLIAM

SWEET WIILIAM. (Biennial).
$\qquad$
Single White $\$ 0.15$

Sing'le Pink Beauty ........................................ . 20
Hunt's Perfection, mixed................................. . . 15
Single, mixed ..................................................... . 10
Double, Crimson .............................................. . 20
Double, Rose ...................................................... . 20
Double, White ................................................. . 20
Double, mixed ..................................................... . 20
THUNBERGIA. Mixed................. $1 / 4$ lb., 2.25 . 15
White, with dark eye....................................... . 20
Orange, with dark eye........................................... 20
TORENIA. Fournieri Grandiflora Sky-blue
1/8 oz., . 50

TRITOMA UVarla
New Hybrids, mixed................................................... 35
TROLLIUS Finest Hybrids. (P). Mixed . 25


## VERBEN‘A

New Gigantea Type-Compact Habit T. Pkt. Oz Blue, White Eye...................................................... $\$ 1.65$ Lucifer, Vivid Scarlet.................................... . 30 1.75 Rosea Stellata, Rose Pink, White Eye.... . 30 1.75 Violacea Stellata, Deep Violet, White Eye . 30 Pure White 30
Gigantea Mixed 1.75

Gigane Mixed .................................................... 25
Luminosa, Bright Pink shading salmon .30
VERBENA, Mammoth Flowered.


Heien wilmot Red............................................ 25
Helen Wilmot, Salmon Pink ................ . 40
Iemon Verbena, fragrant leaves......................................................................... 80
Verbena Venosa, Bright Purple and Helintrope; fine for bedding .15

VALERIANA. (P). Mixed............................. . 15 . 65
VERONICA Spicata. (P). Blue flowers.. . 30 1.40
VINCA ROSEA, Rose ....................................... . 15 1.00
Rosea Alba, White with rose eye-.......... . 15 1.00
Rosea Alba Pura, Pure W'hite....................... . 15
Mixed Colors
1.00

VIOLA CORNUTA Blue Perfection, Light
Blue ............................................................ $1_{4}$ oz., 60
Admuration, Large Dark Blue ${ }^{1}$, oz., 60
Half Mourning, Half Purple Vioiet, Half White
Jersey Gem. New. Deep Violet-blue,
compact. hlooms all summer....................
Rosea Grandifora ......................1/s oz., . 45 . 25
Lutea Splendens (Yellow)........ ${ }^{1 / 4}$ oz.. . 60 . 2
White ...........-............................................................................
Mixed
WALLFLOWER (Goldlack)
Double, best mixed
Single, best mixed.................................................................. 15

## Z I N N I A S

| Crimson Giant .......................................-- | T. Pkt. | $\stackrel{\mathrm{Oz}}{\$ 2.25}$ |
| :---: | :---: | :---: |
| Dream, Deep Lavender. | . 40 | 2.25 |
| Exquisite, Light Rose | . 40 | 2.25 |
| Golden State, Rich Orange | . 40 | 2.25 |
| Lemon Beauty | . 40 | 2.25 |
| Polar Bear, White | . 40 | 2.25 |
| Purple Prince | . 40 | 2.25 |
| Oriole, Orange and Gold | . 40 | 2.25 |
| Old Rose | . 40 | 2.25 |
| Dahlia.Fiowered, Splendid Mixed | . 25 | 1.50 |
| Dahlia-Flowered, Good INixed | . 20 | 1.00 |
| Giant-flowered, tall. |  |  |
| White .-.........-\$0.15 \$0.75 Pink | . 15 | . 75 |
| Canary Yel... 15 . 75 Crimson | . 15 | . 75 |
| Golden Yel... . 15 . 75 Scarlet | . 15 | . 75 |
| Violet ...........- . 15 . 75 Salmon | . 15 | . 75 |
| Burnt Orange | . 15 | . 75 |
| Miss Willmott, Delicate Salmon pink. | . 40 | 2.00 |
| Rose Queen, mammoth flowering pink.. | . 25 | 1.00 |
| Giant Flowering, mixed. | . 15 | . 65 |
| Giant "Picotee" | . 25 | 1.50 |

Red Riding Hood. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective.......

Dwarf, Double, mixed colors

Lilliput Varieties. Grow about 15 inches When in bloom they are a mass of tiny, very double, ball-shaped flowers about 1 inch in diameter.

White Gem. Scarlet Gem. Golden Gem, Separate Colors or IMixed

## A SELECTION OF VEGETABLE SEEDS FOR FLORISTS

At prices quoted here, we deliver by mail postpaid, and allow $5 \%$ for cash.

## Lilliput Salmon Rose

Zinnias have become very popular cut-flowers of late especially the smaller flowering varieties. This newer shade, Salmon Rose is sure to become a favorite as a Florists' cut-flower for summer use.
Salmon Rose, Lilliput.................................-. Pkt., 20c; oz., \$1.00


| CABBAGE. Early Jersey Wakefield. The best of the pointed-head varieties.... .............................................. 1/4 lb., \$0.75 | Pkt. $\$ 0.10$ | Oz. $\$ 0.25$ | Lrtruce. Grand Rapids. Growers of lettuce under glass will find our special forcing strain of this variety to be of exceptional merit...$\qquad$ |  | Oz. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Copenhagen Market. Early variety, solid, ball-shaped heads, ripens very uniformly $\qquad$ $1 / 4 \mathrm{lb} ., 1.00$ | . 10 | . 30 |  | 0.10 .10 | $\$ 0.25$ .20 |
| Golden Acre. A splendid new cabbage of the Copenhagen market type, very early and uniform. $\qquad$ | .15.10 | 1.00.25 | PEPPER. Chinese Giant. One of the best of the large sweet sorts................ PEPPER. <br> Ruby King. | . 10 | .75.50 |
| Large Late Flat Dutch. Standard late variety .......................................1/3 lb., . 65 |  |  | size well known and much esteemed by truck growers. | . 10 |  |
| CAULIFLOWER. Extra-Early Dwarf Erfurt. Special strain for growing under glass ................................... $1 / 4$ oz., . 65 | . 15 | 2.00 | RADISH. Barnard's Early Scarlet Globe. Forcing. Color, uniformity of size, earliness and small growth of top are some of the qualities that have won |  |  |
| Barnard's Snowball. The best main crop Cauliflower ................................ 1/4 oz., . 75 | . 20 | 2.50 | Rarnard's Scarlet Turnip White Tipped, |  | .15 |
| Cruery. White Plum | . 10 | . 35 |  |  | . 15 |
| CUCUMEER. Telegraph (Forcing) Special strain for growing under glass. | . 20 |  | TOMATO. Beauty, Improved Strain. Round, smooth, purplish pink. A favorite with market-gardeners as a |  |  |
| Davis Perfect. Fine white spine variety for indoor or outdoor culture.. $\qquad$ | .10 | . 20 | main-crop sort .......................1/4 lb., 1.25 Dwarf Champion (Tree Tomato). Good sort for the home garden.. $1 / 4$ lb., $\$ 1.25$ | . 10 | . 40 |
| EGGPLANT. New York Improved. The best of the large purple varieties........ | . 10 | . 50 | John Baer. Early, bright red Tomato. The largest of the extra-early sorts .................................................. 1/4 lb., \$1.25 | . 10 | . 40 |
| Black Beauty. Early........... | . 10 | . 50 | Ponderosa. This is a very large solid Tomato. Color pink, changing to |  |  |
| OHIRABI. Early White Short-leaved. |  |  | purple ................................1/4 lb., \$1.50 | .10 | . 50 |
| Smooth, fine-grained variety; excellent for farcing .............................1/1/2 lb., . 75 | . 10 | . 25 | June Pink. The earliest of the pink tomatoes $\qquad$ $1 / 4 \mathrm{lb}$., $\$ 1.25$ | .10 | . 40 |



A lawn seed mixture is much to be preferred to any single grass; the several varieties of grass which compose it, mature at different seasons of the year, thus keeping the green sward in good color and condition during the hot weather, not losing its color as the single variety is liable to do.

## BARNARD'S <br> LAWN GRASS MIXTURES

## Sell Rapidly and Afford a Good Profit to Dealers

## BARNARD'S "PERPETUAL GREEN"

1s a mixture of the finest Dwarf Evergreen Grasses that grow and flourish during different months of the year, so that a rich, deep green, velvety lawn is constantly maintained. Our mixture is the result of several years' experimenting, and, as we now offer it, is unequalled.
May be sown in Spring or Fall. Put up in cartons bearing full directions how to make and maintain a lawn.

In $1 / 2-\mathrm{lb}$., $1-\mathrm{lb}$. and $3-\mathrm{lb}$. cartons, 33 c per lb .; in $5-\mathrm{lb} ., 7-\mathrm{lb}$. and $14-\mathrm{lb}$. cloth bags, 32 c per lb .; bulk, per 100 lbs., $\$ 30.00$.

## BARNARD'S "SHADY-LAWN"

On nearly all lawns there are shaded, bare and unsightly spots on which the owners have difficulty in getting a stand of grass. Barnard's "ShadyLawn" Mixture is composed of dwarf-growing grasses which are found naturally growing in such places.

Shady-Lawn Mixture. $\ln 1 / 2$ and $1-\mathrm{lb}$. cartons, 37 c per lb, ; bulk, per $100 \mathrm{lbs}$. ., $\$ 35.00$.

## BARNARD'S "CHOICE" LAWN SEED

While containing fewer and less expensive grasses than our "Perpetual Green," this is a good well-balanced mixture which we do not hesitate to recommend.

Choice Mixture. $\ln 1 / 2$ and 1 -lb. cartons, 22 c per 1 lb .; in $5-1 \mathrm{~b}$. bags, 22 c per lb.; bulk, per 100 lbs., \$20.00.

## "QUICK-EFFECT" MIXTURE

There is considerable demand for a grass seed that will produce a quick growing turf. For this purpose we have prepared a mixture of a few strong-germinating, vigorous-growing grasses which will produce a turf of fair quality within a few wreeks after seeding.
"Quick-Effect" Mixture. In pound cartons, 16c; bulk, per 100 lbs ., $\$ 14.00$.

Creeping Bent Grass, German Seed (Agrostis Stolonifera). Thrives on low land, produces a turf capable of withstanding a great deal of wear. Lb., 85c; 10 lbs., $\$ 8.25$.

Fancy Kentucky Blue Grass. 10 lbs., \$3.50; for larger quantities write for prices.
Fancy Red Top. 10 lbs., \$2.25; for larger quantities write for prices.
Choice White Clover, lbs., 55 c; $10 \mathrm{lbs} .$. 100 lbs., $\$ 45.00$.

Special Mixture for Putting Greens, Tennis Courts, Hay and Pasture Lands. Prices on application. State your requirements.

Above Prices Subject to Market Changes
A Profitable Line for Florists to offer their retail trade.

## Bulbs for Spring Planting

## We Supply 250 Bulbs at 1,000 Rate; 25 at 100 Rate.

## New Giant Amaryllis Hybrids

Immense flowers with broad overlapping petals, vigorous stems having from four to six gigantic blooms of perfect form. Colors range from pure white ground with markings of rose, red, and crimson, to the richest self colors in scarlet, crimson, bright red. cherry, and maroon. Makes very satisfactory pot plants.

Each, 55c; Doz., \$5.50; 100, \$40.00

## Caladium Esculentum (Elephant's Ears)

In prime condition, solid and firm, and have good live center shoots.
$100 \quad 1000$
5 to 7 inches in circumference.....................-\$3.50 \$30.00
7 to 9 inches in circumference..................... $5.50 \quad \mathbf{5 0 . 0 0}$
9 to 11 inches in circumference. 10.00

11 to 12 inches in circumference. 15.00

## Caladiums, Fancy Leaved

Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss somewhat like begonias, with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.
Finest Mixed (Ready in January). Per 100............ $\$ \mathbf{1 8 . 0 0}$

| Cinnamon Vine |  |  |
| :---: | :---: | :---: |
|  | 100 | 1000 |
| First size, 3 to 6 inches... | .\$4.25 | \$40.00 |
| Select size, 6 to 10 inches. | 6.00 | 57.00 |

## Callas

Golden Yellow (Richardia Elliottiana). A rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which add much to its beauty.
Large Bulbs, per 100.
$\$ 16.00$


New Giant Hybrid Amaryllis


## BEGONIAS, Tuberous Rooted

They reign supreme in shady places, and cannot be bettered for house plants, hanging baskets or porch boxes.
Colors-in shades of Scarlet, White, Pink, Salmon, Yellow and Orange.
Single, Separate Colors and Mixed. Per 100
$11 / 2$ to 2 inch in circumference.................................. $\$ 15.00$
2 inch and up in circumference............................................... 20.00
Double, Separate Colors and Mixed.
$11 / 2$ to 2 inch in circumference.
2 inch and up in circumference. 23.00

## GLOXINIAS

Very attractive pot plants for inside blooming, with large bell-shaped flowers in a wide range of colors. Fine large bulbs. $\qquad$

## Ismene Calathina (Peruvian Daffodil)

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry warm place, rant blossoms. Keep the bulbs in a dry warm place,
and plant out in June.
Per Doz., $\$ 2.50$; Per 100, $\$ 18.00$

## Tube-Roses



## LILY-OF-THE-VALLEY

We handle the very best forcing grade of pips from reliable sources in Germany. We pack in cases of 500 rellable sources in Germany. carry a stock in cold storage all the year around.


King Humbert

## CANNAS

## RED SHADES—Bronze Foliage

AIMBASSADOR. 5 ft . A magnificent Canna. Beautiful wide, deep bronze foliage and cherry-red bloom.

Per 100, \$8.50; 1,000, \$80.00
KING HUMBERT. 5 ft . Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze.

Per 100, \$5.00; 1,000, \$45.00
NOKOMIS. $41 / 2 \mathrm{ft}$. A bright red, clear color, very prolific; continuous bloomer.

Per 100, $\$ 5.00 ; 1,000, \$ 45.00$
STATUE OF LIBERTY. 7 ft . A Giant Canna with immense flame-red flowers of Orchid ty'pe. Massive bronze foliage.

Per 100, $\$ 5.00 ; 1,000, \$ 45.00$

## RED SHADES-Green Foliage

CANDELABRA. 5 ft . A glorious Canna. Flowers extra large, color fiery orange-scarlet. Blooms incessantly.

Per 100, $\$ 6.00 ; 1,000, \$ 50.00$
METEOR. 5 ft . Deep dazzling crimson flowers, produced in mammoth clusters. A most effective bedder and considered by many to be the best crimson.

Per 100, $\$ 5.00 ; 1,000, \$ 45.00$
THE PRESIDENT. 4 to 5 ft . Scarlet, finest of its class. Flowers over 6 inches across, vigorous and healthy even in extreme drought.

Per 100, $\$ 5.00 ; 1,000, \$ 45.00$
WINTZER'S COLOSSAL. 5 to 6 ft . Orchid flowers of vivid scarlet, 8 inches across. Without a doubt largest flower to date. Per 100, $\$ 5.00 ; 1,000, \$ 45.00$

## CANNAS-Continued <br> PINK SHADES

CUPID. A fine dwarf-pink with green foliage.
Per 100, $\$ 8.00$; 1,000, $\$ 75.00$
MARY THILOW. 4.ft. Pronze leaved, A. F. Conard
type, fine salmon-pink.
WABASH. $31 / 2 \mathrm{ft}$. Deep rose-pink.
Per 100, S10.00; $1,000, \$ 75.00$
ORANGE AND YELIOW-Green Foliage
BRILIIANT. Orange with green foliage
Per 100, $\$ 5.00 ; 1,000, \$ 45.00$
DISTINCTION. 4 ft . In a class by itself. A beautiful orange; a robust grower, good bloomer, heavy green foliage. It is what its name signifiss distinct. Per 100, $\$ 7.00 ; 1,000, \$ 60.00$ CANARY BIRD. 4 ft . Broad, large flower of canaryyellow. Foliage soft-green and very heary. An excellent bloomer. Per 100, \$5.00; 1,000, \$45.00 FLORENCE VAUGHAN. 4 ft . Bright, rich goldenyellow spotted with red; of large size and perfect form; green foliage. Per 100, \$4.50; 1,000, $\$ 40.00$ GOLDEN EAGLE. 4 ft . Golden-y゙ellow, free upright habit; trusses of flower are well above foliage

Per $100, \mathrm{S7.00} ; 1,000, \$ 65.00$
KING MIDAS. 4 ft . The best yellow. Outstanding variety with glorious trusses on straight stems. Per 100, $\$ 7.00 ; 1,000, \$ 65.00$
PRINCETON. 4 ft . An intense $y \in l l o w$ with a red tinge in the throat. Resists bleaching better than most yellow Cannas. Per 100, \$5.00; 1,000, \$45.00
YELLOW KING HUMBERT. 5 ft . Identical with King Humbert in habit of growth and flowering but produces yellow flowers, dotted with red, and has green foliage. Some plants will occasionally give a scarlet or scarlet striped flower.

Per 100, $\$ 5.00 ; 1,000, \$ 45.00$

## DAHLIAS

Our mixtures are made from sslected varieties. Available named varieties will be quoted upon receipt of your want-list.
Double Mixed, All Colors
Clumps $\qquad$ Divided Roots ................................................................................. 100 er 8.00
Double Mixed, Under Separate Color-White, Red, Pink, Yellow and Variegated.
Clumps
Per 100, \$12.00
Divided Roots
Per 10n, 10.00


## Gladioli

The most attractive of all summer-flowering bulbs are the Gladoli. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixtures and in named sorts, for spring delivery.

America. Soft flesh pink, tinged with lavender. 100, \$2.00; 1,000, \$18.00
Baron Jos Hulot. Dark pansy violet.
Per 100, \$5.25; Per 1,000, $\$ 45.00$
Chicago White. Pure white with faint lavender markinge on the lower petals. 100, \$2.50; 1,000, \$20.00

Evelyn Kirtland. Beautiful shade of rosy-pink, darker at the edges, shading to shell pink at the center with brilliant scarlet blotches on lower petals; very long stalk.

Per 100, \$3.50; 1,000, \$30.00
E. J. Shaylor. Tall, very strong plant, large blooms. A beautiful pure deep rose pink. Very choice.

100, \$3.50; 1,000, \$30.00
Flora. Beautiful golden-yellow; large flowers. A very strong grower. Considered the best yellow.

Per 100, $\$ 3.50 ;$ Per 1,000, $\$ 30.00$
Gretchen Zang. A most beautiful soft melting shade of pink, blending into deep salmon on the lower petals.

100, \$3.00; 1,000, \$23.00
Halley. A most attractive early blooming sort, with large well-opened flowers of delicate salmon pink with a creamy blotch on lower petals.

Per 100, \$2.75; Per 1,000, \$21.00
Helen Franklin. Pure white violet striped ruffled.
Per 100, \$3.00; Per 1,000, \$24.00
Herada. Pure mauve, glistening and clear, with deeper markings in throat. Blooms of immense size on tall straight spikes. Massive and attractive.

Per 100, \$3.50; 1,000, \$30.00
I'Immaculee. Pure waxy white, many flowers open at one time, excellent cut flower.

Per 100, $\$ 4.50 ;$ Per 1,000, $\$ 40.00$
Ie IMarechal Foch. Very early, delicate pink with enormous wide open flowers. An improvement on America. A valuable cut flower variety.

Per 100, \$3.00; 1,000, \$22.00
Louise. Exquisite shade of bright lavender. Per 100, $\$ 4.50 ; 1,000, \$ 40.00$

Mrs. Dr. Norton, The color is delicate pink, shading to rose pink at tips of pointed petals. The lower petals are blotched sulphur yellow, outside of flower is rose. The beauty of this flower is in the soft harmonious blending of wonderful tints.

Per 100, \$4.50; Per 1,000, \$40.00
IVs. F. C. Peters. Beautiful shade of rosy-lilac crimson blotch bordered white on lower segments, resembling an orchid in color. Flower's large on strong stem.

Per 100, $\$ 6.50 ; 1,000, \$ 60.00$
Mrs. Francis King. Enormous wide-open flowers of light scarlet color; a splendid cut flower and excellent keeper. Per 100, \$2.50; Per 1,000; \$20.00
IVaiclen's Blush. Delicate shell-pink, tall spikes. Mrimulinus type.
--.-100, \$3.00; 1,000, \$23.00
Mrs. Frank Pendleton. In color a lovely pink with brilliant deep, red blotches in the throat. A color combination rivaling many of the finest Orchids.

100, \$3.00; 1,000 \$25.00

Myrtle. Clearest rose-pink softly dissolving into a clear creamy-white, daintily ruffled. "The most beautiful pink yet produced in a Gladioli." Early flowering variety of good size, distinctive in form and color.

Per 100, \$3.50; Per 1,000, \$30.00
Neogea. A rich garnet.
Per 100, \$3.00; Per 1,000, \$25.00
Odin. Salmon pink with darker blotch on lower petals, strong straight spikes with large wide open flowers, a sure winner.

Per 100, $\$ 4.50$; Per 1,000, $\$ 40.00$

## SEIMESAN

Prevent surface borne diseases from destroying your gladiolus corms, by soaking them in $2 \%$ liquid Semesan. See page 23.

CONTINUED ON NEXT PAGE.


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## GLADIOLI-Continued

Panama. A.new seedling of "America," which resembles the parent variety in every way except that it is a much deeper pink.

100, \$3.00; 1,000, \$25.00
Feace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall. graceful spikes; a beautiful and exceedingly refined variety.
$100, \$ 3.00 ; 1,000,523.00$
Prince of wales. A beautiful light salmon with orange shade; early bloomer. A novelty of great value, $\delta$ or 10 blooms open at one time on a long. graceful spike. Per 100, \$3.00; Per 1,000, \$26.00

Princepine. Carmine-red flower with a throat of glistening white. Large, well open flowers on a tall spike.

100, S3.00; 1,000, \$25.00
Red Canna. Beautiful dark red on exceptionally tall and strong spikes.

100, \$3.50; 1,000, \$30.00
Roanoke. Pale yellow, very vigorous.
Per 100, \$2.75
Rose 1910. Extra large flower, pure rose-pink of a very fine shade; lower petals marked with narrow white line through center. $100, \$ 2.85 ; 1,000, \$ 25.00$

Schwaben. A most meritorious variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat.

100, $\$ 3.00 ; 1,000, \$ 25.00$
Souvenir. Best commercial golden yellow.
Per 100, $\$ 3.50 ;$ Per 1,000, $\$ 30.00$
Virginia (Scarlet Princeps). Six or more massive blooms open at a time. Throat a little deeper than Princeps. Blooms set close. A distinct and massive spike.

Per 100, \$5.50; 1,000, \$50.00
War. Deep blood-red, shaded crimson-black. Very tall and conspicuous.

Per 100, \$4.00; Per 1,000, \$36.00
Wilbrink. Lovely flesh-pink with creamy blotch on lower petals; new and very beautiful. One of the earliest. Per 100, \$3.00; Per 1,000, \$22.00

## GLADIOLI IN MIXTURE

Barnard's Florists' Mirture. Is made up of chosen light colored kinds and will be found rery suitable for planting among carnations, snaps, ete.

Per 100, \$2.50; 1,000, \$22.00
Superfine Mixed. This is our popular, low-pricad mixture, and is composed of fine sorts, in all colors, in first-size bulbs, and. whether wanted for planting for effect or for cutting, will be found entirely satisfactory. $100, \$ 2.00 ; 1,000, \$ 18.00$

For counter trade or window display try a few of our

## Barnard's "Garden Beauty" Collection of Gladioli

Put up in attractive lithograpled loxes, with full cultural directions. Contain 25 first size bulbs, composed of popular varieties and retails for $\$ 1.00$ the collection. Cost you 75 c rach in lots of 10 .

## LILLIES

Auratum. (Golden Japan Lily). This superb Lily has flowers 8 to 10 inches in diameter connosed of six white petals, thickly studded with rirh fhocrlatr. crimson spots and a bright golden band through the center of rach petal; exquisite vanilla-lik. prorfums. This variety is peculiar in that it dores rot take kindly to any kind of manure near its roots. Suitabl.. also for pots indoors.

8 to 9 in. ( 200 bulbs per case) $\$ 24.00-515.00$
3 to 11 in. (130 bulbs per case)............ $25.00 \quad 21.50$
11 to 13 in . ( 90 bulles per case) ............ 28.00


## Lilium Regale or Myriophyllum.

5 to 6 inches circumference.
Each, 50c; Doz., S4.75; 100, \$35.00
6 to 7 inch circumference.
Each, 65c; Doz., S6.25; 100, S45.00
Speciosum Album. Large White flower.
\& to 9 in. ( 200 bulbs per case) ................. \$55.00 $\$ 30.00$
9 to 10 in . ( 140 bulbs per case)................. $60.00 \quad 38.00$

## Speciosum Rubrum, or Roseum.

White, heavily spotted with rich, rosy crimson spots. This variety is largely grown for cut flowers and for garden adornment it is one of the best in our list. One of thr most popular garden varieties: blooms in August.


11 to 13 in ( 94 lutbs per (nse) oronos.

## TIGER LILIES

Tigrinum splendens.
Doz., $\$ 2.00$; 100, $\$ 15.00$
Tigrinum Fl. Pl. (Double)...............Doz., S2.00; 100, $\$ 15.00$


Lilium Rubrtum

## INSECTICIDES AND FUNGICIDES

## Insecticides Containing Poison Are Not Permitted in the Mails <br> All Prices Subject to Market Changes

ANT KIILER, "TERRO." Is a clean preparation in syrup form that cannot be blown about. Use on picces of cardboard or other receptacles and place where ants may be seen. Per bottle, 45 c ; doz., $\$ 4.50$

ARSENATE OF LEAD, Dry. Unexcelled for controlling leaf-eating insects. May be used for dusting or as a liquid spray. $1 / 2-1 b ., 20 c ; 1 b ., 35 c ; 4$ lbs., $\$ 1.00$

Larger quantities quoted on application.


BLACK LEAF 40. Especially prepared nicotine for outdoor spraying. "Black Leaf $40^{\prime \prime}$ is highly recommended by experiment stations and by spraying experts throughout the entire United States. 1 oz . (makes 4 to 6 gals.), 35c; 2 doz. (carton), \$5.35; $1 / 2$ lb., $\$ 1.25 ; 2$ lbs., \$3.25; 10 lbs., \$11.85.

BORDEAUX MIXTURE, Dry. Is the best fungicide for curing such diseases as black rot, mildew, scab, rust, etc., on both fruits and plants. To meet varying needs. we can supply this mixture in the following form: 1-lb. cartons, each, 30c; doz., \$3.25; 5-1b. pkg., \$1.00.

CARBON DISULPHIDE-Most effective chemical for driving away ants and cut-worms. Per lb. can, 45c; doz., \$4.75.
"CYANOGAS" CALCIUM CYANIDE. A new and valuable insecticide for the destruction of Aphis, White Fly, Soft Scale, Thrips, etc., in the greenhouse. Calcium Cyanide when exposed to the air gives off hydrocyanic acid gas for a long period of time, which makes it a safe and effective material for overnight fumigation. Leaves no disagreeable odor, discoloration or residue on plants. Easy to use and economical. Full directions accompany. 1-lb., 65c; $5-1 \mathrm{~b}$. tin, $\$ 3.00 ; 25-1 \mathrm{~b}$. tın, $\$ 10.00$; $100-1 \mathrm{~b} ., \$ 30.00$.

DERRISOI. A highly concentrated, non-poisonous, efficient contact insecticide which requires no spreader and readily combines with other liquid insecticides or fungicides. Effectively controls aphids, red spiders, thrips, green flies, leaf hoppers, cabbage worms and many other soft bodied sucking insects and leaf-eating larvae, by spray contact.

1 oz. (makes 6 gals.), 35 c ; 2 doz. (carton), $\$ 5.35$; $1 / 2 \mathrm{lb} .$, \$1.20; 1 lb. (makes 100 gals.), \$2.00; 2 lbs., $\$ 3.00 ; 10$ lbs., $\$ 12.00$.

## EVER GREEN

A sure killer of most plant insects. Ever Green offers no poison danger whatsoever to human beings, live-stock, or birds,-it is positively not a poison.

Ever Green will not injure the most tender crops. It does not "burn" the tenderest leaf or shoot, does not discolor crops or injure their value.

Is Recommended Especially for Killing the Following Insects:

Green Flies, White Flies, Thrips, Mealy Bugs, Red Spider, Aster Beetles, etc.

In fact, Ever Green kills practically all sucking and chewing insects on flowering or vegetable plants.

Ever Green diluted 1 to 100 and sprayed around plants during the early growing period will effectively protect them from cut worms.

| $11 / 2$ | oz. bottle, Ea., | $\$ 0.35$ | Display Carton of 1 doz. $\$ 2.70$ |  |
| ---: | :--- | ---: | ---: | ---: |
| 6 | oz., bottle........ | 1.00 | 1 gal. tin................. 13.00 |  |
| 16 | oz., bottle....... | 2.00 | 5 | gal. tin................ |
| 32 | oz. tin............. | 3.50 |  |  |

FISF-OII SOAP. Formerly called Whale-Oil Soap. A wash for trees and plants infested with scale and sucking insects. lb., 30c; doz., \$3.25; 5-1bs., \$1.25.

FIOWERS OF SUIPHUR. A fungicide for checking mildew in greenhouses. Lb., 15c; 5-lbs., 60c; 10-lbs., \$1.00; 25-lbs., $\$ 2.00$; 50 -lbs., $\$ 3.50$; 100 -lbs., $\$ 6.00$.

FUIMETOBAC. Is an improved $2 \%$ high-nicotine fumigating tobacco powder. Easy to burn and makes strong nicotine fumes which are deadly to insects without harming the plants or blooms.
Fumetobac burns steadily and fairly rapidly but not so fast that the nicotine is destroyed before it has given off its full insecticidal value; this is an important advantage and one reason why it is so economical, there is plenty of time to leave the house before the fumes are uncomfortable to the men.
Simply burn a 4-inch flowerpot full for every 10,000 cubic feet. Gives safe and sure Greenhouse fumigation at lowest cost.
In ordering, please specify high-strength Fumetobac.
Packed in tightly sealed, double paper-lined burlap bags to prevent sifting and loss of nicotine strength.
$50-\mathrm{lb}$. bag, $\$ 8.50 ; 100-\mathrm{lb}$. bag, $\$ 16.00$

GRAPE DUST. A fungicide readily diffusible, very efficient in preventing blight and destroying mildew. 1-1b. cartons, 30c each; doz., \$3.00; 5 -lb. pkgs., 90c each, doz., \$9.00.

HELLEBORE. Powdered. For leaf-eating insects. A form much used for the currant worm, especially on fruit which is nearly ripe. $1 / 4 \mathrm{lb} ., 20 \mathrm{c}$; doz., $\$ 1.75$; $1 / 2 \mathrm{lb} ., 30 \mathrm{c}$; doz., \$2.75; lb., 50c; doz., \$4.75.

INSECTONOS. A contact insecticide for the destruction of white fly, rose leaf roller, and chrysanthemum leaf-tyer. $4 \mathrm{oz} ., 60 \mathrm{c} ; 1 \mathrm{lb} .$, \$2.25; case of $8 \mathrm{lbs} ., \$ 16.00$ postpaid.

KEROSENE EMULSION, Liquid. For sucking insects. This is one of the standard remedies for such insects as scale, aphis, etc. Qt., 75c; doz., \$7.50; gal., \$2.00; doz., \$20.00.

LEMON OIL. Effective in destroying Lice, Scale, Mealy Bug, Spider, Thrip, Black and Green Fly, Mites, Ants, Aphis, Rust, Mildew, etc. Especially adapted for use in the greenhouse on Roses, Carnations, and Chrysanthemums, and for the washing of Ferns, Palms, and Rubber Plants. Odorless and non-poisonous. Pint, 75c; quart, \$1.35; gallon, \$3.50; 5 gallons, $\$ 13.50$.

IIME-SULPHUR, Powdered Form. Directions for mixing on package. Per lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.10; 25 lbs., $\$ 4.25$; 50 lbs., $\$ 7.50$.

IIME-SUIPHUR SOIUTIUN. For San Jose scale. One gallon makes ten. Also for summer sprays, as it is an excellent fungicide. When used in summer dilute with 30 to 40 parts water. Qt., 50c; doz., $\$ 5.00$; $1 / 2$ gal., 70c; doz., \$7.00; 1 gal., $\$ 1.00$; doz., $\$ 10.00$; 5 gal. cans, each, \$3.75.

[^2]
# Insecticides and Fungicides -(Continued) 

Prices Subject to Market Changes.

## WICO-FUME <br> PRODUCTS <br> Liquid-Paper-Powder <br> FOR GREENHOUSES

NICOFUME LIQUID. For spraying or fumigating. 1/2 oz. will fumigate 2,000 cubic feet. For spraying, use one to two teaspoonfuls to a gallon of water. $1 / 4 \mathrm{lb}$., 75c; lb., $\$ 2.00$; 4 lbs., $\$ 6.25$; 8 lbs., $\$ 11.50$.

NICOFUME PAPER. Strips of paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 feet long by 20 feet wide. Price, air-tight cans, 24 sheets, $\$ 1.25 ; 144$ sheets, $\$ 5.00$; 288 sheets, \$8.75.

NICO-FUME TOBACCO POWDER. A tobacco powder impregnated with a high strength nicotine solution. cffective for fumigating in greenhouses to destroy Aphis, Thrips, etc., $1-1 \mathrm{~b}$. tin, $\$ 1.00 ; 5-\mathrm{lb}$. tin, \$3.75; 10-1b. tin, \$6.85.

PARIS GREEN. It may be applied dry mixed with flour, or mixed with water and sprayed on the follage. For potato beetles. 1 ounce to 3 gallons of water is recommended. $1 / 4-1 \mathrm{lb} ., 15 \mathrm{c}$; doz.,\$1.50; $1 / 2-1 \mathrm{lb}$., 30 c ; doz., $\$ 3.00$; 1-lb., 50 c ; doz., \$5.00.

SCAIECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 60c; gal., \$1.50; 5 gals., $\$ 6.00$; 10 gals., $\$ 10.00$.

SEMESAN. Seed Disinfectant prevents or controiz many diseases borne by seeds, seed pieces, bulbs, plants and grafts, as well as many of those which infest the soil. Harmless to seed and plant life, but deadly to disease organisms. It Generally improves germination, produces sturdier plants and increases both the quantity and quality of crop yields. For dusting, or to prepare liquid applications. Cannot be mailed. 2 oz., 50 c ; $1 / 2 \mathrm{lb} .$, \$1.60; $1 \mathrm{lb} ., \mathrm{S} \$ .75$; 5 lbs., \$13.00.

SEMESAN, NEW IMPROVED SEMESAN BEL. Instantaneously disinfects potatoes and the roots and tubers of flowers and vegetables. Not mailable. 1 lb., $\$ 1.75$; 5 lbs., $\$ 8.00$.


SLUG-SHOT. A good seller for F'lorists' counter trade. A fine powder. Kills every garden pest, but is harmless to human life. Especially recommended for use on tomatoes, cabbage, currants, etc. Pound cartons, 20c; doz., $\$ 2.00$; case, 4 doz. $1-1 \mathrm{~b}$. cartons, \$7.25; 5-1h. nlıg., 55c; 50 lbs.. \$4.50; barrel, about 300 lbs . (in 5-lb. pkgs.), per lb., $8 \frac{1}{2} \mathrm{c}$.

[^3]

SUIPHO-TOBACCO SOAP. For suck ing insects on roses, etc., as well as insects on animals. 3-oz. cake, 15c; doz., \$1.25; 8-oz. cake, 25c; doz., \$2.50.
THRIP JUICE. Destructive for mealy bug, scale, thrip, coddling moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., \$1.10; gal., $\$ 3.25$.
TOBACCO DUST FOR BURNING. lbs., 40c; 10 lbs., 65c; 25 lbs., $\$ 1.50$; 50 ibs., $\$ 2.50$; 100 lbs., $\$ 4.50$.
TOBACCO DUST FOR DUSTING. 1-1b. cartons, $\$ 1.25$ doz.; $5-1 \mathrm{~b}$. pkgs. $\$ 5.25$ doz.; bulk, 5 lbs., $35 \mathrm{c} ; 111 \mathrm{lbs}$. .
$60 \mathrm{c} ; 50 \mathrm{lbs} ., \$ 2.25 ; 100$ lbs., $\$ 4.00$.
TOBACCO STEMS. In bales $25 \mathrm{lbs} ., 75 \mathrm{c} ; 50 \mathrm{lbs} ., \$ 1.25 ;$ 100 lbs., $\$ 2.00$; 500 lbs., $\$ 8.50 ; 1,000 \mathrm{lbs} ., \$ 16.00$; ton, $\$ 30.00$.

TREE TANGIEFOOT. A sticky compound for preventing the ascent of caterpillars and all crawling insects up the trunk of trees and large shrubs. Lb., 55 c ; 5 lbs., $\$ 2.50$; 10 lbs., $\$ 4.50$; $25 \mathrm{lbs} ., \$ 10.00$.
VOLK is an odorless, colorless and non-poisonous oil emulsion, effective against scale insects, mealy bug. white fly, red spider, and combines readily with other materials for control of aphids, leaf eating insects and plant diseases.

Volk may be safely applied on the tenderest foliage, summer and winter, having a beneficial effect, and is simple and safe for the operator to handle. Normal solution $1-100$.
$1 / 2 \mathrm{pt}$. cans, 50 c ; 1 pt . cans, $75 \mathrm{c} ; 1 \mathrm{qt}$. cans, $\$ 1.00$; 1 gal. cans, $\$ 3.00$; 5 gal. cans, $\$ 12.50$; 14 gal drums, \$25.00; 28 zal. drums, $\$ 40.00$.

## ATLES WEED KILLER <br> PATENTED

ATLAS NON-POISONOUS WEED KILLER exterminates all undesirable vegetation as easily as watering a garden, without poison hazard to humans or animals.

Simply mix with water and apply on any vegeta-tion-Weeds, Grass, etc., with a sprinkling can or sprayer.

Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters.

Atlas Dry Super Concentrate (Mailable). Small cans (make $21 / 2$ gals. of weed killer), 50 c . Large cans (make 20 gals. of weed killer), \$2.00.

## PLANT FOODS FOR HOUSE PLANTS

PLANT MARVEI-"Acts like magic on all plants." A pure, rich, high-analysis. quickacting and most economical plant food for house plants. Entirely soluble in water, easy to use. A very instructive pamphlet, "Beautiful House Plants-How to Grow Them," supplied with each can. Trial size (25c retail) $\$ 2.00$ per doz.; $1 / 2-1 \mathrm{~b}$. size ( 60 c retail) $\$ 5.00$ per doz.
Stim-U-PlanT, a high analysis plant food in tablet form, soluble in water. Trial size. 10 tablets, doz.. \$1.35; Small size, 30 tablets, doz. \$2.25; Medium size. 100 tablets, doz., S6.75.
Zenke's New Plant Iffe, a liquid fertilizer and tonic for potted plants, $S-o z$ cans, per doz.. \$2.00 (retail 25c each).
NOTE-Florists' will find these items good selling if displayed on counter.

## FERTILIZERS

## We handle but one grade of FERTIIIZERS - THE BEST

Prices quoted are f. o. b. Chicago and subject to Market Changes. Srecial quotations to laj ger buyers.

BLOOD AND BONE. This stimulates root-action, and improves the color of flowers. Use it for soil in carnation benches, to mix with potting soil and as a quick-acting fertilizer for all vegetables. One or two quarts to a bushel of soil. 25 lbs., \$1.45; 50 lbs., \$2.00; 100 -1b. bag, $\$ 3.25$; 500 lbs ., \$ï4.50; 1,000 lbs., \$27.00; ton, $\$ 52.00$.

BONE MEAL, "ROSE GROWER" BRAND. This special brand of pulverized ground bone is excellent for rose or carnation culture and lawns. It decomposes rapidly and is quickly effective. 25 lbs., $\$ 1.60$; 50 lbs., \$2.75; per original bag of 125 lbs., $\$ 5.50$; 500 lbs., \$18.50; 1,000 lbs., \$34.00; ton, \$65.00.
BONE MEAI, Pure Ground. It is ground fine and is an excellent top-dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil, 25 lbs., $\$ 1.60 ; 50$ libs., $\$ 2.40$; per original bag of 125 lbs., $\$ 4.50 ; 500 \mathrm{lbs}$., $\$ 17.00 ; 1,000 \mathrm{lbS} ., \$ 31.00$; ton, $\$ 60.00$.
BONE FLOUR OR DUST. This is ground very fine, decomposes more rapidly in the soil than the coarser grades and is therefore more quickly beneficial. 100 lbs., \$4.25; 500 lbs., \$18.50; 1,000 lbs., \$34.00; ton, $\$ 65.00$.

COW MIANURE, Shredded. High quality Cattle Manure in most concentrated and effective form. Supplies carefully selected from brick-paved cattle pens only. More economical than stable manure; convenient to keep a stock always on hand for use at best time; unequaled for bench and potting soil, liquid manuring and top dressing. Shredded Cattle Manure is packed direct from the dryers, and is comparatively coarse and rough; suitable for mulching, etc. $100 \mathrm{lbs} ., \$ 2.50$; 500 lbs ., $\$ 10.00 ; 1,000$ lbs., \$18.00; ton, \$34.00.
COW MANURE, Pulverized. Same material as Shredded passed through grinders to further reduce it to a finely pulverized product. 100 lbs., $\$ 2.25 ; 500$ lbs., \$9.00; $1,000 \mathrm{lbs} ., \$ 17.00$; ton, $\$ 33.00$.

DRIED BLOOD. Splendid nitrogenous fertilizer for Roses, Carnations, "Mums," l'otted Plants, etc. 5 lbs., 65c; 10 lbs., $\$ 1.15$; 25 lbs., $\$ 2.15$; 50 lbs., $\$ 3.75$; 100 lbs., $\$ 7.00$; 500 lbs., $\$ 32.00 ; 1,000$ lbs., $\$ 63.00$.
IMURIATE OF POTASF, Contains a very high percentage of potash. Should be used liberally, particularly on root crops. 25 lbs , $\$ 1.35 ; 50 \mathrm{lbs} ., \$ 2.25$; per 100 lbs., $\$ 3.75$; 500 lbs., $\$ 16.50$; $1,000 \mathrm{lbs} ., \$ 32.00$.

NITRATE OF SODA. A quick-acting fertilizer for all crops, containing about 16 per cent nitrogen. Can be applied at the rate of 1 oz . to 2 gallons of water. 10 lbs., 75c; 25 lbs., $\$ 1.50$; 50 lbs., $\$ 2.75$; 100 lbs., $\$ 5.00 ; 500$ lbs., $\$ 21.00 ; 1,000$ lbs., $\$ 41.00 ;$ ton, $\$ 80.00$.
ROCK PHOSPHATE, Ground. Recommended as a most excellent material for building up the soil. Used as a top dressing for lawns, gardens, truck gardens, and farm crops. $50 \mathrm{lbs} ., \$ 1.25 ; 100 \mathrm{lbs} ., \$ 2.00 ; 500 \mathrm{lbs} .$, $\$ 8.50$; 1,000 lbs., $\$ 15.00$; ton, $\$ 28.00$.

SPECIAI IAWN GROWER. An ideal fertilizer for the Lawn. containing in correct proportion the elements needed to maintair a vigorous growth, constantly improving texiure ard beauty. Contains a far greater amount (5-8-7) of plant food than the general run of fertilizer. 25 lbs., $\$ 1.50$; 50 lbs., $\$ 2.50$; 100 lbs., $\$ 4.25$; 500 ibs., $\$ 18.50 ; 1,000$ lbs., $\$ 34.00$; per ton, \$65.00.

SHEEP MANURE, Pulverized. Carefully selected and treated to destroy weed seeds and produce a highly concentrated, reliable fertilizer for home use. This is the strongest and best natural fertilizer for lawn and gardens, vegetable and fruit growing, and is quick acting and safe. Valuable for mixing with potting soil and top dressing. 100 lbs .. §2.50; 500 lbs., $\$ 10.00$; 1,000 lbs:, $\$ 18.00$; ton, $\$ 34.00$.


Sulphate of Ammonia. A concentrated nitrogenous fertilizer, containing ammonia in a quickly available form, desirable as a top dressing for all plants in which a large leaf development or rapid growth is wanted. Use at the rate of 1 lb . to 50 sq . ft., or 1 tablespoon for 3 gals. of water. 51 bs ., $55 \mathrm{c} ; 10$ 1bs., 85c; 25 lbs., $\$ 1.75$; 50 lbs., $\$ 3.00$; 100 lbs., $\$ 5.50$; 500 lbs., $\$ 24.00 ; 1,000$ lbs., $\$ 43.00$; ton, $\$ 85.00$.

VEGETABLE AND LAWN FERTIIIZER. "Farmer's Favorite." An all-around fertilizer for the vegetable garden and for the lawn. Is a rich, wellbalanced fertilizer, with a guaranteed analysis of ammonia 3 per cent, available phosphoric acid 8 per cent, pciash 6 per cent and is used at the rate of about 25 lbs . to 1,000 square feet. Can be used as a top dressing for old lawns, a few light applications giving better results than one heavy application. 25 lbs., $\$ 1.00$; 50 lbs.. \$1.75; per original 125 lb. bag, $\$ 3.75$; 500 lbs., $\$ 13.00$; 1,000 lbs., $\$ 24.00$; ton. $\$ 45.00$.

## VIGORO <br> Specially prepared plant food <br> INCREASE YOUR PROFITS

The leading growers find the best way to improve quality and production is to use Vigoro. It contains all the elements of plant food to produce a vigorous growth on all kinds of plants. Full instructions how to use on different kinds of plants are given in a booklet which is inclosed in each bag. It is highly concentrated, and should be used with care. 5 lbs., 50c; 25 lbs., $\$ 1.75$; $50 \mathrm{lbs} ., \$ 3.00$; 100 lbs., \$5.00.

VIGORO. Delivered in lots of 500 lbs ., or more, Freight prepaid-single item or assorted order figured as foliows.
Per case of $165-\mathrm{lb}$. pkgs., \$5.28. Per bag of 25 lbs ., $\$ 1.15$; bag of $50 \mathrm{lbs} ., \$ 2.00$; bag of $100 \mathrm{lbs} ., \$ 3.50$.

## MISCELLANEOUS GREENHOUSE AND GARDEN REQUISITES

ACID PHOSPHATE. Available l'hosphoric Acid $16 \%$. Per original 125 lb . bag, $\$ 2.50$; 500 lbs ., $\$ 8.50 ; 1,000$ lbs., \$15.00; ton, \$29.50.
ASHES, Hardwood. Mellows and sweetens hard, sour soils. Especially beneficial to lawns. 25 lbs., $\$ 1.00$; 50 lbs., \$1.50; 100 lbs., \$2.00; 500 lbs., \$10.00; 1,000 lbs., \$18.00; ton, \$34.00.

HORN SHAVINGS. Used to mix with soil for vases and plant tubs. 5 lbs., 65 c ; 10 lbs., $\$ 1.15$; 25 lbs., $\$ 2.25$; 50 lbs., $\$ 4.00$; 100 lbs., $\$ 7.50$; 500 lbs., $\$ 35.00$; 1,000 lbs., \$65.00.
HORN DUST. In 50 lb . bags, $\$ 5.00$ per bag.
IAND PLASTER OR AGRICULTURAL GYPSUMI. Valuable as a top dressing. Apply at the rate of 25 to 50 lbs. to 1,000 square feet. 50 lbs., $\$ 1.10$; 100 lbs., \$2.00; 500 lbs., \$8.50.

IAWN IIME. (Ground Lime Stone.) The soil of most small lawns in residence districts is acid. To correct this condition some form of lime is required. 100 lbs.. $\$ 1.35$; $500 \mathrm{lbs.} \$$.5.00 ; $1,000 \mathrm{lbs}$., $\$ 9.00$; ton, \$17.50. Delivery charges extra.

PEAT, Azalea. A well-rotted potting material for mixing with heavy soil. Bag, \$2.25; 5 bags for $\$ 10.00$.

PEAT, Orchid. (Fern-root.) Carefully cleaned by hand and of the highest quality. Bag, \$2.75; 5 bags for \$12.50.

## GRANULATED PEAT MOSS OR MULL

A very useful product, especially suitable for Florists' use. It has remarkable moisture absorbing qualities and will retain nine times its own weight of water without becoming water logged. Excellent for starting seeds, propagating, potting, packing. mulching, etc. In original bales (covers about 240 square ft., $1-\mathrm{in}$. thick). $\$ 4.50$; 5 -bale lots, $\$ 4.00$ per bale; less than full bale lots, 5 c per lb.

## FLORISTS' SUNDRIES

## UNLESS OTHERWISE STATED, THE PURCHASER PAYS THE TRANSPORTATIOIT CHARGES. <br> Prices are subject to market changes.

APRONS, RUBBER. For use in potting or watering. Made of best quality material. Medium weight, 34 in. wide, 46 in. long. Each, S2.00.

BASKETS ASSORTINENT No. 1. 60 Christmas baskets for prepar\&d Howers, small ferns, etc. In assorted colors. Without liners. (Where 'hristmas Ped enamel is desired, אindly mention). Each, \$13.25.

Small Cut Flower Basket Assortment No. 3. 25 small cut flower baskets, $\because 1$ to $2 \delta$ inches height overall, including metal liners, in assorted colors. Each, \$16.50.

Medium Cut Flower Basket Assoriment No. 4. 20 medium cut flower baskets, $2 \delta$ to $3 \delta$ inches height overall, in assorted colors, including metal liners. Each, \$20.00.

Large Cut Flower Basket Assortment No. 5. 15 large cut flower baskets, 34 to 44 inches height overall. in assorted colors, including metal liners. Ea., \$26.50

BELLOWS. For applying insecticides, sulphur, etc. Made of hardwood with zinc receivers.
19 in . cver all, $51 / 2 \mathrm{in}$. Wide, 4 -oz., cap., each........S1. 75 21 in. over ail, $61 / 4$ in. wide, 6 oz., cap., єach........ 2.50 24 in. over all, $\frac{1}{4}$ in wide, $\delta$-oz., cap., each......... 3.00

BULL DOG PAPER CLIP NO. 2. A good and quick package fastening device. $1,000,85 \mathrm{c}$; 5.,000, \$4.00; 10,000, $\$ 7.50$.
CAPE FLOWERS. Natural: White, per lb., \$1.40. Colored: Red, pink, light blue, dark blue, lavender, Nile green orange and yellow, per lb., S2.25.


CARNATION STAPIES, Pillsbury's. 1,000 Carnations saved for 35c. This staple is very fine green wire and nearly invisible, giving the flower a perfect appearance. $1,000,35 c ; 3,000$ for $\$ 1.00 ; 5,000, \$ 1.50$. "O. K." Carnation Staples, green, invisible. 1,fiff, $35 \mathrm{c} ; 3,000$, $\$ 1.00$; 5,000 , \$1.50; 10.000 , $\$ 2.50$.

CEL-O-GLASS, a low-priced substitute for glass, ideal for hothed sashes, cold-frames, etc. Fractically indestructible, unaffected by rain, hail, snow, sun or wind. Can be bent or cut 10 any desired shape Comes in rolls 3 ft . wide, in any length up to 200 lincar feet. l'rice, 16 c per square ft .

CHARCOAL. For florists' use in following grades: No. 8 ..........................ine No. 3........medium coarse Price: $\$ 2.00$ per $50-1 \mathrm{~b}$. bag; $\$ 3.75$ per 100 lbs .

CHENILLE. U'sed in making letters. Colors: White, link, Purple, Blue, Ped and Yellow, In 12 -vard rolls, best quality worsted. Plain Por Poll Doz. Per roll Doz
 Large

LOCK DIALS, felt, i-inch, purple figures on white face, and white figures on purple face. Each, 50c; per dozen, \$5.00.

CORSAGE SHIEIDS. Chiffon-edged, packed 1 doz. of a color and kind to the box. Come in a full assortment of colors, white, pink, lavender, blue, nile Prehid, etc. Corsage Shields Fer Doz.
Opera Corsage Shields 3.25

Peerless Wrist Shields
Cameo Wrist Shields
Midget Shields
Cameo Midget Shlelds 1.75

CUITIVATOR, NORCROSS. A very handy tool. 5 prong, wach, \$1.00; 3-prong, earh, 75c; Midget, short handle, 3-prong, each, 45 c .

## PLANET, JR. CULTIVATORS

Are "just right" for florists' use. Complete catalog mailed upon request.

| CYCAS LEAVES, | Preservad. | . Perfect | in shape | and |
| :---: | :---: | :---: | :---: | :---: |
| natural green | in color. | Imported | stock; | bast |
| quality. |  |  |  |  |
| Length Ten | 100 | Length | $\mathrm{T} \in \mathrm{n}$ | 100 |
| 8 to 12 in....... \$0.40 | \$2.75 | 24 to 28 in. | . \$0.70 | \$5.00 |
| 12 to 16 in..---. . 45 | 3.00 | 28 to 32 in . | -. 85 | 6.00 |
| 16 to 20 in....... . 5.5 | 3.75 | 32 to 3 f in. | -. 1.00 | 7.00 |
| 20 to 24 in....... . 60 | 4.50 | 36 to 40 in. | .. 1.10 | 8.50 |
| Christmas Red Tran | parent. |  |  |  |
| Length |  |  | Ten | 100 |
| 8 to 12 in . |  |  | S0.60 | S5.00 |
| 12 to 16 in . |  |  | . 70 | 6.00 |
| Silver and Gold |  |  |  |  |
| Length |  |  | Ten | 100 |
| $\delta$ to 12 in . |  |  | . 0.75 | 56.00 |
| 12 to 16 in . |  |  | . 90 | 7.00 |

DAYLITE CLEANER, ANDERSEN'S, will clean greenhouse glass of all foreign matter excrpt paint Does not injure paint or putty. Easy to apply quick acting, economical. Less than $\bar{j}$ gallons S1.50 per gal.; 5 to 10 gallon lots, S1.25 per gal., 25
to 50 gallons, S1.00 per gal. Jugs extra at current market price
DIBBERS. For setting plants. All-iron Dibber, farch. 70c; doz., \$7.00. W'ood handle, steel points, each, 75c; doz., \$7.50.
DOVES. "Blue Label" quality", the rery best. Each. S2.35; ¿ for $\$ 6.75$; doz., $\$ 25.00$.

## DUSTERS—SEE ALSO BELLOWS.

Gem or Jumbo. Desirable for treating individual plants; 4 in. in diameter; rapacity about 4 ounces, Each, 45 c .

Lowell Powder Duster No. I3l--Easy to operate. Has a one pint Mason jar reservoir, for filling with dry powder green, hellebore, arsenate of lead dry, etc. Each, 75c.


## DUSTER BROWN DUSTERS

A very practical duster of new design. It is simply constructed and works on a new principle recently discovered. The extension is of sufficient length to enable the operator tc spray ordinary field crops without bending over. Uses-For spraying dust on tobacco, small garden plots, rose bushes, or in any place where dust is to be applied. It is especially adaptable for use in applying insect powders.

Duster Brown No. 1, small capacity.... .................. S0. 60
Duster Brown No. 2-C, quart.
1.25

EDGING KNIVES, OR TURF EDGERS. For trimming sod around flower beds and along walks. Four-foot socket handle. Each, \$1.35.

FLOWER DYE, any color: iarge plig.. Sl.oo.
FASTENERS, Eureka. A clip to attach the carnation stakes to cross-wires. Per 1,000, S2.00.

Blake's Lever Clips for Rose. Mum and Carnation stake fasteners A freat time saver. 1.月ा". 82.25 ; 5.пио. S10.00; 10.6100, S18.50.

Buschardt's Wire Plant Tie, a quick, economical and practical device for fastening plants to stakes without the use of cord. Per $1.000, \$ 2.00 ; 5.000, \$ 9.50$.

FORKS, SPADING. Four, light, ancular tines, strap ferrule, each. S1.75; four extra-heavy, angular tines. strap ferrule. Each. S2.50.

Cultivating. A small four-tine tool. 11 inclies long. including handle. Each. 30c; doz.. \$3.00.

FUMIGATING LAMPS, DEEIANCE. All metal. Burns kerosenc. Oil-fount and cup for tobacco preparation are both drawn from one piece, so they cannot leak No glass to break. Each, 75c.

GARDEN LINE. Best hemp, braided. $10 n \mathrm{ft} ., \$ 1.60$.

## GLAZING TOOLS AND MATERIALS

Cel-O-Glass-See Page 25.
Glass Cutter and Glazing Tool. Red Devil, each, 25c: doz., \$2.25.

Putty Bulb, Scollay's. For applying liquid putty. Each, \$1.50.

Putty, Twemlow's old English. A semi-liquid Putty which can be applied with a putty bulb or glazing machine. It is a most excellent Putty, especially prepared for putting the glass in sash or filling cracks. Gal., $\$ 3.00$; 5 gals., $\$ 14.50$.

Mastica. A substitute for putty. It is easy to apply and is not affected by extremes of weather. One gallon covers about 290 running feet. Gal., \$2.60; 5 gals., $\$ 12.75 ; 10$ gals., $\$ 24.50$.
Mastica Machine, to apply Mastica. Each, \$3.00.
White Garlanite Glazing Compound, by a special process of manufacture, stays in an elastic, pliable condition permanently. Its extreme elasticity allows for contraction and expansion and changes of temperature. It will not harden or pull away from the bars, so your houses always will be tight. 1-gal. can, $\$ 2.70 ; 5$ gal. pails, $\$ 2.60$ per gal.; 15 and 20 -gal. kegs, $\$ 2.55$ per gal.; half-barrels (about 40 gals.) and barrels, (about 60 gals.) $\$ 2.45$ per gal.

Glazing Gun for the rapid and easy application of Garlanite, $\$ 6.50$ each.

Glazing Points, "Peerless."
No rights, no lefts,
 no trouble to apply. No. 1 for small, single-thick glass; No. 2, for larger s inngle thickness; No. $21 / 2$, for double - thick glass and skylights. Box of $1,000,60 \mathrm{c}$; in lots of $10,000,55 \mathrm{c}$ per 1,000 .
Pincers for setting "Peerless" Points in Place, each, $\$ 1.00$.

Glazing Points, Zinc City. (Siebert's). These Points can be driven right or left on any size or thickness of glass. The offset head makes them easy to drive or extract and absolutely prevents glass from slipping. Made frem pure zinc. Put up in one-pound packages, $5 / 8$-inch, 1,400 to 1 b, 3/4-inch, 1,300 to 1 b ., $7 / 8$-inch, $1,20 \mathrm{C}$ to $1 \mathrm{~b} ., 40 \mathrm{c} ; 10 \mathrm{lbs} ., \$ 3.50$.


Peerless Glass Repair Clamp. A simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Box of 100 clamps, $\$ 1.35$.

GRAFTING WAX. $1 / 4-1 \mathrm{~b}$. bars, each 15 c ; doz., $\$ 1.35$; $1 / 2-1 \mathrm{~b}$. bars, each, 25c; doz., $\$ 2.25$; 1-1b. bars, each, 40 c ; doz., \$4.00.

GRASS HOOKS O1 SICKIES, Village Blacksmith, No. 33 , each, 75 c ; doz., $\$ 7.50$.

## HOES, See also Cultivators

Garden Hoes. First quality, high-grade, bright razor steel blade, socket handles, $61 / 2,7$ and $71 / 2$-inch blades. Each, $\$ 1.25$; second grade, 90 .

Warren. Best garden hoe; V-shaped blade; 7-inch. Each, \$1.30.

HOTBED MATS. Both sides made of burlap, cotton filled, $40 \times 76$ inches. Each, $\$ 2.25 ; 76 \times 76$, each, $\$ 3.50$.

HOTBED SASH. Made of cypress, $3 \times 6 \mathrm{ft}$., for 3 rows $10-\mathrm{inch}$ glass, unglazed and unpainted, each, $\$ 3.00$; glazed and painted one coat, each, \$6.00.

## HOSE AND ACCESSORIES

Barnard's Greenhouse. A selected grade of molded, non-kinkable Hose, with a smooth cover. Made of strictly first-class rubber, and guaranteed against defects during a season. Hose can be supplied cut to any length, coupling included with $25-\mathrm{ft}$. lengths or over; $3 / 4$-inch, 25 ft ., $\$ 5.75$; 50 ft ., $\$ 10.50$. In longer lengths, per ft., 19 c.

Electric Florist Hose. This is an extra strong hose, made especially for Florists' use and is far superior to Electric Garden hose-has an extra tough rubber covering to meet the severe service conditions in greenhouses. A cheap hose, all considered. $3 / 4$-inch, in lengths of 25 feet and up, coupled, 29 c per foot.


Rose Clamps, Brass. Strong and reliable. Easily adjusted. Each, 5c; doz., 45c.
Galvanized Iron. Each, 4c; 2 for 7c; doz., 35c.
Perfection Hose Connection. Consists of a hose connection which slips into a sill cock connection and is securely locked by a durable wire spring. Eliminates annoyance, and lengthens the life of the hose, as the kinking and twisting common to the old way of making connections is entirely eliminated. Price, complete, 75c each; sill cock connection only, 40c each.
Hose Couplings-Brass, $1 / 2$ and $3 / 4$-inch, each, 20c; doz., $\$ 1.75$.
"Perfect Clinching" (brass body with galvanized clamps), $1 / 2$ and $3 / 4$-inch, each, 25 c ; doz., $\$ 2.50$.

Hose Menders, Coopers. Made of brass. Will not rust or wear out. Does not reduce the diameter of the hose. Easily adjusted without special tools. For $1 / 2$-inch and $3 / 4$-inch hose. Each, 8c; 4 for 30c; doz., 85c.
Perfect Clinching. A brass tube with steel clamps. Doz., \$1.10; each, 15 c .
Iron. $3 / 4$-inch. Each, 6c; doz., 55c.
Wood. $3 / 4$-inch. Doz., 15 c .
Hose Nozzles, Gem. For throwing a solid stream or a fine mist. For $3 / 4$-inch hose. Each, 75 c .
Boston Rose Spray. Similar to the rose on a watering pot. For $3 / 4$-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25.
"Chicago" Nozzle. Cover a greater area than any other hand-watering device. Made of aluminum, and equipped with two heavy brass plates, closely perforated for fine and coarse spray. Each, \$3.00.
Hose Washers. Rubber, $3 / 4$-in. Doz., 10c; per pound, $\$ 1.00$.

IMMORTELLES. Best French grown. Scarlet, Dark Blue, White, Purple, Green, Pink, Natural Yellow, bunch, 60c; doz., \$6.00; 25 bunches, \$12.50.
KNIVES. The Knives we offer are made of the best quality of steel, and, are especially designed for gardeners' and florists' use.
Barnard's Florist, single bladed, brass-lined handle. Each, $\$ 1.00$; 3 for $\$ 2.75$; doz., $\$ 10.00$.

Barnard's Budding, same style as above, each, \$1.00; 3 for \$2.75; doz., \$10.00.
I. P. Hyde Budding Knife. Each, 30c; doz., \$3.25.

Budding or Propagating (Saynor's English). No. 343, double-bladed, a very useful Florist's knife, each, $\$ 3.50$.
No. 401, single blade, propagating, each, \$3.75.
Voos Grafting Chisel and Knife, forged in one piece, highly polished cutlery steel. Extreme length $81 / \mathbf{a}^{\prime \prime}$. Each, \$1.25.

Asparagus Knives.
Each, 40c; Doz., \$4.00 For cutting Asparagus or weeding dandelions, etc. Very handy. V-shaped edge.

## LABELS, POT AND TREE



Tree Labels, Wooden. $31 / 2$ inches, notched and copperwired, per 1,000, \$2.35.
$5 \%$ discount on 10,000 lots.

## LETTERS AND LETTERING

Krick's Immortelle Letters. An artistic letter of distinct merit. Purple; 2 inches. Each, 5c; per full $100, \$ 4.50$.

Boston Script Letters. We offer the following words made up of Boston Letters in purple; 2 inches in length. Per 100 letters, \$4.50.

| Father | Mother | Brother | Sister |
| :--- | :--- | :--- | :--- |
| Baby | Friend | My | Aunt |
| Husband | Wife | Our | At rest |
| Grandpa | Grandma | Darling | Dear |
| Papa | Mamma | Son | Daughter |

Paper Script, gummed on back, in same words as Boston Script. State whether gold or purple is wanted. Per inscription, 4 c ; per $100, \$ 3.00$.
Felt Letters. Purple. For ribbons, chenille, etc. Gummed on back, put up 25 to a package. 1-inch, per 100, \$1.00; $11 / 2$ inch, per 100, \$1.25.

Paper Ietters and Figures. These are rich in appearance, and are considered an ideal letter for design work. Gummed on the back. Put up 25 in a package.
$100 \quad 1,000$



## LYCOPODIUM

Prepared, Dyed green. Per 10-lb. carton, \$2.75; 5 cartons for $\$ 13.00 ; 100-1 \mathrm{~b}$. cases, $\$ 23.00$.

## MASTICA—See Page 26.

MAGNOLIA LEAVES. Dr. Dux "Superiora" brand, the best prepared and most uniform-sized leaves, nonmoulding. Especially fine for wreaths. Brown, green and purple.


MATCH-STICKS. Pointed, heavy, hardwood sticks. dyed green. 12 inch, $1,000, \$ 1.85 ; 18$ inch, $1,000, \$ 2.75$.

## SQUARE, GREEN

6 -inch, wired, box of $3,000, \$ 2.75 ; 10,000, \$ 8.50$. 4 -inch, wired, bex of $4,500, \$ 3.00 ; 10,000, \$ 6.00$. 3 -inch, wired, box of $8,000, \$ 3.50 ; 40,000, \$ 15.00$

MOSS, SPHAGNUM. Select stock put up expressly for us in large burlap bales. Quality the best. Subject to market changes. Bale, \$1.50; 10 bales, $\$ 12.50$. Write for price on larger quantities.
Sheet Moss. For lining baskets, putting around pots, decorations, and for general finishing. Per bundle (about 8 lbs ), $\$ 2.00$; five bundles for $\$ 8.75$.

OAK LEAVES. Natural prepared foliage, retains its freshness indefinitely. Fireproof. Short sprays especially adapted for wreaths, wreathing and basket work. Colors, red, brown and green. Per carton, $\$ 1.75 ; 10$ carton lots, $\$ 15.00$; 25-1b. carton, $\$ 7.50$.
Oak Branches, hest suited for window decoration, etc. 30 to 40 inches long. $10 \mathrm{lbs} ., \$ 2.50 ; 100-\mathrm{lb}$. cases, $\$ 23.00$.

## PAPER

When ordering paper it is necessary for us to know width and weight. If possible, send us a sample of the desired paper with your order. All prices here quoted are subject to market changes.

Kraft Wrapping Paper. The paper we use in our own packing room. A tough and durable paper for heavy wrapping. In various weights and widths, in rolls. Per lb., 9c.

Green Textile Paper, 30 in . and 36 in . Widths. Per lb., 14 c .

Rack and Cutter. For roll paper. Up to 36 inches. Each, \$3.00.

Manilla Tissue. "American Beauty." Ideal paper for use with cut-flowers. Flat, $24 \times 36$ in. Ream ( 400 sheets), $\$ 1.35 ; 10$ reams ( 4,000 sheets), $\$ 12.50$.

Pure White Tissue. A high-grade paper, $24 \times 36$ in. Ream ( 480 sheets), $\$ 1.75$; 5 reams ( 2,400 sheets), $\$ 8.25$ 10 reams (1 bundle), \$15.00.

White Wax Tissue. 24 x 36 inches. Per 100 sheets, 75 c ; 480 sheets, $\$ 2.50$.

Green Wax Tissue. A very fine quality of paper. Ream (400 sheets), $\$ 2.25 ; 100$ sheets, 75 c .

Green Wax Paper in 3 -inch rolls, 12 rolls to the box per box, \$2.50; 5-box lots, per box, \$2.25.
"Floretta," the new waterproof crepe paper, in the following beautiful shades: Flame-red, white, moss green, nile green, orchid golden-rod. French hlue. lavender, and blush-pink. Per roll, 40c; doz., \$4.00; $100, \$ 30.00 ; 1,000, \$ 270.00$.

## PINS

Philly Fern Pin-The flat S-shaper top offers a good surface for the finger to rest on when pushing the pin into place, and holds the leaves firmly in place. $10-1$ b. box, $\$ 2.25 ; 10$ boxes, $\$ 20.00$.

## PLANT BED CLOTH

For covering garden frames in spring. Light weight, per yard, 20c; medium weight, per yard, 25c; heavy weight, per yard, 35 c .

## PLANT STAKES

Japanese Bamboo. Cane Stakes. Natural, strong, lioht durable for supporting plants. Packed 2,000 to a bundle, $6 \mathrm{ft.}, \mathrm{100}, \mathrm{\$ 1.35;} \mathrm{1,000}, \mathrm{\$ 11.00}$.

Japanese Bamboo. Dyed Green. Light, strong and lasting.

|  |  | 100 | 1000 | Bale of $2000$ |
| :---: | :---: | :---: | :---: | :---: |
| $11 / 2$ | ft. | \$0.50 | \$3.00 | \$ 5.75 |
| 2 | ft. | . 60 | 4.00 | 7.50 |
| $21 / 2$ | ft. | . 70 | 4.75 | 9.00 |
| 3 | ft. | . 80 | 5.75 | 11.00 |
| $31 / 2$ | ft . | . 90 | 6.50 | 12.50 |
| 4 | ft . | 1.00 | 7.50 | 14.50 |

Dahlia Stakes-Wooden, round, painted green, tapering.


Square Plant Stakes-Wooden, painted green.
Light Heary
10 n
$\$ 14.00$


Rose Stakes, Galvanized Steel Wire

|  |  |  | 100 | 1000 |
| :---: | :---: | :---: | :---: | :---: |
| 3 | ft. No. 9 | wire | \$1.25 | \$10.00 |
| $31 / 2$ | ft . No. 9 | wire | 1.50 | 13.00 |
| 4 | ft. No. 9 | wire. | 1.75 | 14.50 |
| 5 | ft. No. 8 | wire. | 2.50 | 21.50 |
| 6 | ft. No. 8 | wire. | 2.75 | 24.50 |

## POTS-"THE GROWELL"

Made from PEAT MOSS-a non-conductor-very absorbent and very porous as much as nine times its own weight; its merits are unquestionable and they are not expensive.

| No. |  | Outside Dimensions |  |  |  | Quantity | Shipping Wt. <br> (approxi- |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Diam. |  | ight |  | Price | mate) |
|  | 2. | $23 / 4$ | inches | 3 | inches | 100 | \$2.25 | 10 lbs. |
| No. | 2. | $23 / 4$ | inches | 3 | inches | 250 | 5.00 | 16 lbs . |
| No. | 2. | $23 / 4$ | inches | 3 | inches | 500 | 8.00 | 30 lbs . |
| No. | 2. | $23 / 4$ | inches | 3 | inches | 1,000 | 14.00 | 50 lbs . |
| No. | 3. | $31 / 2$ | inches | $33 / 4$ | inches | 100 | \$2.75 | 12 lbs . |
| No. | 3. | $31 / 2$ | inches | $33 / 4$ | inches | 250 | 6.00 | 25 lbs. |
| No. | 3. | $31 / 2$ | inches | $33 / 4$ | inches | 500 | 9.00 | 40 lbs . |
| No. | 3. | $31 / 2$ | inches | $33 / 4$ | inches | 1,000 | 16.50 | 90 lbs . |
| No. | 4. | $41 / 8$ | inches | 4 | inches | 100 | \$3.25 | 20 lbs . |
| No. | 4. | $41 / 8$ | inches | 4 | inches | 250 | 7.00 | 35 lbs . |
| No. | 4. | $41 / 8$ | inches | 4 | inches | 500 | 10.50 | 60 lbs . |
| No. | 4. | $41 / 8$ | inches | 4 | inches | 1,000 | 18.50 | 115 lbs. |
| No. | 5. | $51 / 4$ | inches | 5 | inches | 100 | \$4.00 | 25 lbs . |
| No. | 5. | $51 / 3$ | inches | 5 | inches | 250 | 8.50 | 60 lbs . |
| No. | 5. | $51 / 4$ | inches | 5 | inches | 500 | 16.50 | 110 lbs . |
| No. | 5. | $511 / 4$ | inches | 5 | inches | 1,000 | 30.00 | 210 lbs . |
| No. | 6. | $63 / 8$ | inches | $61 / 4$ | inches | 100 | \$5.00 | 35 lbs. |
| No. | 6. | $63 / 8$ | inches | $61 / 4$ | inches | 250 | 11.00 | 85 lbs . |
| No. | 6. | $63 / 8$ | inches | $61 / 4$ | inches | 500 | 20.00 | 160 lbs . |
| No. | 6. | $63 / 8$ | inches | $61 / 4$ | inches | 1,000 | 40.00 | 300 lbs . |
| No. | 22. | $23 / 4$ | inches |  | inches | 100 | \$2.75 | 12 lbs. |
| No. | 22. | $23 / 4$ | inches | 4 | inches | 250 | 6.00 | 25 lbs . |
| No. | 22. | $23 / 4$ | inches | 4 | inches | 500 | 9.00 | 40 lbs . |
| No. | 22. | $23 / 4$ | inches | 4 | inches | 1,000 | 16.00 | 90 lbs . |

## Bird's $\underset{\substack{\text { MIPRoved } \\ \text { NEPONSET }}}{\substack{\text { Flow }}}$

We carry only the "Blackboard Brand" chiffons, of the very highest quality. Come in bolts varying from 30 to 40 yards, and no less than a bolt of a color is sold.
Plain Chiffon, all colors. 4-inch, per yard, 6c; 6-inch, $71 / 2 \mathrm{c}$.
Valley Chiffon. Stamped with sprays of Lily of the Valley. Pink or white. 6 inch, per yard, $91 / 2 \mathrm{c}$.
Metaline Ribbon, high grade, plain or striped, in a large selection of colors and two-tone effects. 40 yards to the bolt. 6 -inch, per yard, $8 \frac{1}{2} \mathrm{c}$.
Fibre Ribbon, 1 -inch, 50 yards to the bolt, all colors, per bolt, $\$ 1.50 ; 10$ bolts, $\$ 13.50 ; 25$ bolts, $\$ 31.25$.
"Nu-Idea" Fibre Ribbon, l-inch, all colors. Superior to the ordinary fibre ribbon in that it does not split. Per bolt of 50 yards, $\$ 1.25 ; 10$ bolts, $\$ 11.50 ; 25$ bolts, \$27.50.

## RUSCUS

Highest quality imported ruscus. A favorite decorative material for use with greens in wreaths, baskets, and vases.
Dyed Christmas Red. Per lb., 90c; in $5-1 \mathrm{~b}$. cartons, 85 c per 1 lb. in $10-\mathrm{lb}$. cartons, 80 c per lb .; in $25-\mathrm{lb}$. carons, 75c per lb
Dyed Green. Per lb., 90c; in 5-1b. cartons, 85c per lb.; $10-1 \mathrm{~b}$. lots, 80 c per 1 b .; $25-1 \mathrm{~b}$. lots, 75 c per lb.
Painted Green. Per lb., 55 c ; 5-1b. lots, 50 c per lb. $10-1 \mathrm{~b}$. lots, 45 c per lb.; 25-1b. lots, 40 c per 1 b .
Gold, Silver, Silver-Green, Silver-Blue, Silver-Iavender, Silver Pink, per lb., \$1.35; in 5-lb. cartons, $\$ 1.30$ per lb.; in $10-1 \mathrm{~b}$. cartons, $\$ 1.25$ per lb.; in $25-1 \mathrm{~b}$. cartons, $\$ 1.20$ per lb
Giay Tinted. Per lb., 75c; 5-1b. lots, 70c per 1b.; 10-1b. lots, 65 c per lb.
"Woodland." Per lb., \$1.00; 5-lb. lots, 95c per lb.; 10-lb. lots, 90 c per lb.

SHEARS, PRUNING


Iolished and Tempered Steel Blade, fastened with two Screws to Handle, End fastening Clip. Bolt has adjusting nut and regulating ratchet. Blued Steel Volute Spring.
No. Rl70-9-in.-Full polished and nickel plated. Per pair, \$2.10
No. $50-9$-inch, with adjustable nut volute spring, dead black finish, without regulating ratchet. Per pair, 90c.
Springs for Pruning Shears, each, 15c; doz., \$1.50.
California Pattern. Polished and Tempered Tool Steel Blade Riveted to Head. Double Flat Brass Springs. Malleable Head and Handles, with End Fastening Clip. Bolt has adjusting nut and regulating ratchet.

No. R60 - 9 -inch, Dead Black Finish. Per pair, \$1.25.
No. R65 - Full Polished. Per pair, \$1.75.
No. R165-Full Polished and Nickel Plated. Per pair, \$1.85.
The "Doo-Klip." A light pruner for rose bushes, shrubs, grape vines, etc. Has the easy up-and-down movement - not the tiring, blister-maker side movement of old time pruners. Each, \$1.50.

SHEARS, HEDGE "Village Blacksmith"


## DOO-KLIP GRASS SHEAR

Trim your lawn in comfort with the DOO-KLIP - the shear that takes all the wristtire and finger-ache out of lawn trimming. The easy,
 natural up-and-down operation does it.

It keeps the hand out of the dirt. Each, §1.50.
SNIPS, WIRE. For cutting annealed wirc. Each, 1.30 AUTO SNIPS. 7 inch. each
SPADES-7x12-inch blade. Each, \$200.

## AUTO-SPRAY No. 1

## Compressed Air Sprayer



Strong, simple Compresser A i r Sprayer, equipped with a clog proof nozzle. Made with 4 gallon brass or galvanized tank, as ordered. The pump is locked to the tank by means of a malleable iron cam lock, very simply operated.

Uses - For spraying trees, shrubs, whitewashing or painting with cold water paint, removing wall paper, washing windows and automobiles and all purposes.

Weight packed for shipment, 10 pounds. Equipped complete for spraying with 2 fect ${ }^{3}$ s inch by 5 ply hose, 22 inch brass extension with angle end and auto-pop.

No. 1B. Brass tank, with auto-pop
S9.75
No: 1D. Galvanized tank, with auto-pop. 6.75

## ACCESSORIES FOR AUTO-SPRAY

Brass Elbow. For reaching the under side of the leaves. Will fit either the shut-off or the extension. Each, 35c.

Brass Extension. For cree work two or three lengths are commonly used. The extensions screw into one another and connect direct to the shut-off, the nozzle being placed on fore end of the extension. Extension in sections of 2 feet. Each, 50c.

Auto-Spray Nozzle. Stamped brass with screen threaded $1 / 4$ in. Each, 55c.

Auto-Pop Nozzle, with hose and attachment
$\$ 1.75$
Auto-Pop Nozzle, without hose 1.30

Set of Soft Parts. The small valves and washers which wear out. I'er set, 25c. We can also supply other

Repair Parts for the Auto-Spray, at manufacturer's list.

## It Sprays Continuously



Auto-Spray No. 26C, all brass 1 qt.
. 1.25

TIN SPRAYERS


No. 119 Perfection, a compact single-tube 1-quart sprayer. Tank runs parallel with pump tube. Handy to use and casy to operate. Each, 45 c ; doz., $\$ 4.50$.


HAYES WHEELBARROW SPRAYER. A portable spraying outfit of narrow design for use in greenhouses. Very substantial and durable. Equipped with $121 / 2$ feet of $1 / 2$-inch hose, $8-\mathrm{ft}$. Steel extension with leafiess stop cock and Hayes Vermorel nozzle. No. 1721-F, complete, \$22.00.

KINNEY. For applying liquid manure. Each, \$2.25.
"SUCCESS" BUCKET SPRAYER


For the garden, greenhouse, or small orchard, this pump is well indispensable. Working parts and cylinder are of brass. The large globe-shaped $\in$ largement at the top of cylinder permits an easy motion and a steady stream. Supplied with 3 feet of hose and a Bordeaux (the best all around) nozzle. Shipping weight, about 10 lbs. Each, \$7.00.

HUNT'S NO. 1 BUCKET SPRAYER
All brass pump and 4 feet of hose, one nozzle for spraying and one nozzle for large stream of water or other liquid. This pump is suitable for spraying whitewash. disinfectants and insecticides on fruit trees. poultry houses, barns, etc. Price $\$ 3.00$ With Bordeatax Nozzle 3.70

## SPRAYING ACCESSORIES

Bordeaix Nozzles. Hunt's, 70c; Deming, \$1.15, each.
Jumbo Disc Angle Nozzle. Throws a fog-like spray at a wide angle. Has three inter-changeable steel dists. Fach, \$1.35.

Bamboo Extension Rud, with sammess lrass lmmes Equipped with leakless Stop Cock and rubber Drip Shield. \& ft., $\$ 4.00$; 10 -ft., $\$ 4.50$.

## SCOLLAY'S PLANT SPRINKLER

Made of one piece of soft rubber, with perforated detachable screw cap. Large. No. 1, 6 in. Each, \$1.50.

## STATICE

Specially selected stock of finest quality, well adapted for wreath work, baskets, and designs. Natural, per lb., $\$ 1.25 ; 10$ lbs., $\$ 10.00$; case lots ( 110 lbs ) 90 c per lb.

Colored Statice, beautiful shades of blue, lavender, green, gold, silver, pink, purple, woodland and twotone. Per lb., \$1.75; 5 lbs., \$8.25; 10-1b. lots, \$15.00.

## THERMOMETERS

Japanned Tin Case. (No. 5440.) 8 inches. Each, 30c; doz., \$2.75.

Iong-Distance. (No. 5170.) This instrument has very large figures and red fluid. Each, 30c; doz., \$3.25.
Iong-Distance, Copper. (No. 5154.) Each, 75 c ; doz., \$7.50.

Self-Registering. (No. 5452.) Indicates highest and lowest temperature; 10 in., metal face. Including magnet. Each, $\$ 6.00$.

Hotbed or Mushroom. (No. 5981.) Wood frame; pointed brass bottom for plunging. Best. Each, \$3.00.

## TINFOIL

subject to market changes.
Our Tinfoil is packed for us by one of the leading manufacturers of the country. One pound will cover approximately 2,000 square inches.

Medum. 5,6 or 7 inches wide. Lb., 25c; $10 \mathrm{lbs} ., \$ 2.00$; 50 lbs., \$8.50; 100 lbs., \$16.00.

Violet or Green. One pound will cover about 1,300 inches. Either color, 1b., 45c; 5 lbs., $\$ 2.00$; 10 lbs., \$3.75.


## TOOTHPICKS

Wired, White. Wired ready for use; $1,000,35 \mathrm{c}$; box of 10,000 , $\$ 2.75$; case of 50,000 , $\$ 13.00$.
Double Pointed, No. 1 B. Per box, 10c; 3 boxes, 25c; 17 box, 10c;
boxes, $\$ 1.00 ; 100$ boxes, $25 c ; 17$
boxes, \$4.50.

## TREE PRUNERS

Waters. 6-ft. handle, \$1.75; 8 -ft. handle, \$1.85; $10-\mathrm{ft}$. handle, \$2.10; $12-\mathrm{ft}$. handle, \$2.25. Extra blades, each, 25 c .

Detroit-6-ft. handle, \$1.00.

Utillty Tree Pruner, No. 2. This pruner is capable of cutting $11 / 2$-inch limbs, 18 to 24 feet from the ground; was designed for the public utility companies and is a very satisfactory pruner for heavy work. The pruner measures $191 / 2$ inches, weighs 3 lbs. We supply pruner, a six-foot head section and a six-foot pole section, complete, $\$ 8.00$.

## TROWELS



Handy Garden Trowels. Made of heavy pressed steel, all in one piece, with a round smooth handle. Finished in baked black enamel. A high-grade durable tool. Each, 25c; doz., \$2.50.

Handy Transplanting Trowel. Similar to the Garden Trowel. Each, 25 c ; doz., \$2.50.

Forged Steel, No. 211. Blade and shank in one piece; 5 inch, 60c; 6 inch, 65c; 7 inch, 70c; 8 inch, 75 c .

English Pattern, No. 215. 6-inch riveted blade.
Each, 25c; doz., \$2.25

## TUBS (for plants)

Davis. Are made of selected Virginia white cedar with electric welded wire hoops and flat bottom hoops, all galvanized. Tubs are painted green inside and outside. Handles included on Nos. 11 to 14. Others extra, 35c per pair; $\$ 2.50$ per doz. pairs.

|  | Inside <br> Top | Inside <br> Bottom <br> Diameter | Depth <br> Inside | Price <br> Each | Per <br> Dozen |
| :---: | :---: | :---: | :---: | :---: | ---: |
| No. | Diameter | Din. <br> 2 | 7 in. | 5 | in. |

## TWINES, ETC.

"Best-Yet" Florist thread, green. $82-o z$. spools to the box, each spool equipped with a handy cutter.
1 to 4 boxes. $\$ 1.25$ per box
5 to 9 boxes 1.20 per box

10 to 24 boxes.
es.............. 1.15 per box

25 boxes or more
1.10 per box

Jute in Balls. 2 or 3 ply. For medium weight packages. Lb., 35c; 10 lbs., \$3.25.

Sea Island Cotton. Green or white, on cones of about 2 lbs., per lb., 90c.

Tube Rope. Jute. 4-ply. Soft rope for heavy packing. Very serviceable. In $50-1 \mathrm{~b}$. reels, lb., 20 c.

White Cotton. For store use and tying cut-flowers. Lb., 60c; 5-1b. sack, \$2.75.

## CEMETERY VASES

Tin. Made of high grade tin plate, enameled green, will not leak. Per doz., \$1.50; carton of 3 doz., $\$ 4.00$.
No. 16. Extra heavy, enameled dark green. (33/4x $73 / 4 \mathrm{in})$. Per doz., \$3.00; 3 doz., for $\$ 8.50$.

## WATERING POTS

French Style. Galvanized iron oval body, long spout, 2 copper roses, fine and coarse, especially designed for greenhouse and frame use.

| 6-qt. | \$6.00 | 10-qt........................... 87.00 |
| :---: | :---: | :---: |
|  | 6.50 | 12-qt.........................-- 8.00 |

## WEEDERS

Excelsior. Each, 15c; doz.. \$1.50.
Moe's All Steel Garden Weeder, flve-fingered Each 25c; doz., \$2.50.

4-Tine Garden Fork. Each, 25c; doz., \$2.75.
The "Out-U-Kum" Weed Puller, with 4 -ft. handle. A slight push and pull thoroughly loosens the surrounding soil and removes not only the weed but the entire root. Each, 75c.

## WHEELBARROWS

Special Greenhouse. A well-made, steel-braced, narrow Wheelbarrow. Painted red. Inside dimensions of bed; width, handle end, 19 inches; length, 28 inches; depth, 12 inches. Shipping weight, 45 lbs . Each, \$10.50.
Globe Garden. A medium-sized Barrow; box, 30 in . long, 19 inches wide at wheel end, 24 inches at handle end; 12 inches deep, 20 inch steel wheel. Each, \$7.00.

## WHITE WOOD EASELS

## (with wire brace)

Florists use these Easels to display funeral wreaths to better advantage. Can also be used to display filled baskets.

| 30-inch, doz. 36-inch, doz. 42-inch, doz. 48-inch, doz. 54-inch, doz. 60 -inch. doz. |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## WHEAT SHEAVES, FLAT

Our Sheaves are made of the best quality of selected Wheat. They are of full length and perfect in shape. Please order by number.

| No | 2, 16 | inch. | \$0.45 |
| :---: | :---: | :---: | :---: |
| No | 3,17 | inch. | . 65 |
| No | 4, 19 | inch. | . 80 |
| No | 6,22 | inch. | 1.00 |
| No | 7, $231 / 2$ | inch. | 1.20 |
| No | 9,26 | inch. | 1.60 |
| No | 10, 28 | inch | 1.75 |

## WIRE, BRIGHT ANNEALED

Prices on wire are very subject to market changes.

| No. 18 | 12 lbs. <br> . $\$ 1.25$ |
| :---: | :---: |
| No. 20 | 1.40 |
| No. 22 | 1.60 |
| No. 24 | 1.80 |
| No. 26 | 2.00 |
| No. 28 | 2.50 |

## CUT WIRE IN WOODEN BOXES

This is clean, extra soft, white wire, straightened and cut in lengths of 12 and 18 inches, ready for immediate use. 12 lbs. to box. Subject to market changes. Write for quantity discounts.
Per Box 10 Boxes at

| No. 18 | \$1.30 | \$1.20 |
| :---: | :---: | :---: |
| No. 20 | 1.55 | 1.40 |
| No. 22 | 1.70 | 1.55 |
| No. 24 | 2.30 | 2.15 |
| No. 26 | 2.60 | 2.40 |
| No. 25 | 3.00 | 2.80 |

Galvanized wire in $100-1 \mathrm{~b}$. coils. No. $16, \$ 7.50$ per 100 lbs. N゙u. 18, $\$ 9.00$ per 100 lbs.
Galvanized Steel Wire Rose Stakes-See Page 27

## FLORISTS' WIRE DESIGNS

We are at all times able to supply a full assortmen* of wire designs. They are perfect in shape, being made by accomplished workmen.

## FOR CASH IN 10 DAYS <br> Special Cash Discounts on Wire Deslgns

On orders from \$ 1.00 to $\$ 25.00-10 \%$ On orders from 25.00 to $50.00-20 \%$ On orders from 50.00 to $100.00-25 \%$

PLEASE NOTE: In measurements of designs on Base or Easel, we measure design only. Gates Ajar, Clocks, Arch and Bible are measured across bottom of base.

## PACKING CHARGES AT COST



Broken Wheel on Base
Measure diameter of Wheel

| Inch | rice | Inch P |
| :---: | :---: | :---: |
|  | \$0.80 | \$2.35 |
| 18. | 1.20 | 30..--.... 2.75 |
| 21. | 1.50 | 33..---... 3.50 |
| 24. | 1.85 | 36...----- 4.50 |

Broken Wheel on Easel Measure diameter of Wheel

| ........S0.85 | 27-...... ${ }^{\text {S }} 2.25$ |
| :---: | :---: |
| 18...... 1.10 | 30........ 2.50 |
| 21-..... 1.40 | 33.-.-.-.. 3.25 |
| 24.....-.- 1.75 | 36....... 3.75 |


| Broken Wheel on Reclining Stand |  |  |  |
| :---: | :---: | :---: | :---: |
| 15. | ..-. $\mathbf{8} 0.65$ |  | \$1.50 |
|  | .... . 75 |  | 1.90 |
|  | -. 1.00 |  | 2.50 |
| 24. | .. 1.25 |  | 3.00 |

## Clock

Measure of base


$$
\begin{gathered}
\text { Crescent and Star on } \\
\text { Base } \\
\text { Measure of Crescent }
\end{gathered}
$$

| Inch | Price | Inch Price |
| :---: | :---: | :---: |
|  | S0.50 | 18.-.... $\$ 1.00$ |
| 14.-.- | . 65 | 21........ 1.25 |

16......... . 80 24......... 1.55

Crosses Flat
Measure length of Cross
12.--..... S0.10 33.......-. S0.50
14......-. . 12 36...---- . 75
$16 . . . . . . . \quad .14$ 39..... 1.00
18...--.-- . 17 42........- 1.25

| 20. | . 20 | 45..--... 1. |
| :---: | :---: | :---: |
|  |  |  |


| $22 \ldots-\ldots-\ldots$ | .24 | $48 \ldots \ldots$ | 1.75 |
| :--- | :--- | :--- | :--- | :--- |
| $24 \ldots \ldots-\ldots$ | .30 | $54 \ldots \ldots$ | 2.00 |

$27 \ldots$....... 35 60......... 2.50
30........ . 40


## FLORISTS' WIRE DESIGNS-CONT.

See Previous Pages for Discounts

| Easels |  |  |  |
| :---: | :---: | :---: | :---: |
| Back leg folds flat |  |  |  |
| 15.--...- | \$0.10 | 36...-. | \$0.35 |
| 18........ | . 12 | 42.-...... | . 45 |
| 21.-- | . 15 | 45........ | . 55 |
| 24....-... | . 20 | 48........ | . 60 |
| 27. | . 25 | 54--.-.... | . 75 |
| 30.-.--- | . 30 | 60.-...... | . 90 |
| 33.-.-.... | . 33 |  |  |

## Flags

On Easel Plain


Flags
On Easel Wavy 21-----... \$1.60 30.....--\$2.75


Gates Ajar-
Double Arch Measure length of Base $15 .-\ldots . .$. . $\$ 1.25$ 27.-...... $\$ 2.40$



Harps-Flat
Measure length

| 12..... | \$0.30 | 24...---.-\$0.70 |
| :---: | :---: | :---: |
|  | . 35 | 27.------- 80 |
|  | . 45 | 30.-----.. 1.00 |
| 21... | . 60 | 36------- 1.50 |

Harp on Round Base Measure of Harp
Inch I'rice Inch Price




Heart (Solid) On Base
Measure of Heart

| 12. | \$0.40 | 20...-...-\$1.00 |
| :---: | :---: | :---: |
|  | . 50 | $22 .--. . . .1 .35$ |
|  | . 60 | $24 . .-$-... 1.65 |
|  | . 75 | $27 . .-$-... 1.95 |

Heart Open
(Box Frame)
Flat
Measure length of Heart


Heart Open
(Box Frame)
On Base
Measure of heart only

|  | \$0.60 | 22...-.--\$1.50 |
| :---: | :---: | :---: |
|  | . 70 | 24.-...... 1.75 |
|  | . 85 | $27 .-\ldots-{ }^{-1.15}$ |
|  | 1.10 | 30...-.... 2.65 |
|  | 1.30 |  |



Horseshoe Flat
Measure of length

|  | \$0.30 | 5 |
| :---: | :---: | :---: |
| 18 | . 40 | 33........ 1.50 |
| 21 | . 50 | 36.-...... 1.75 |
| 2 | . 75 | 42........ 2.75 |

Horseshoe on Fasel Measure of Horseshoe only

|  | . $\$ 0.70$ | 33.-..----\$2.25 |
| :---: | :---: | :---: |
|  | . 85 | 36.-.-.-.. 2.50 |
| 24 | 1.35 | 42.-.-.... 3.75 |
| 27 | 1.70 | 48.--.---. 5.00 |
|  | 2.00 |  |

## Lyre Flat

Measure length of Lyre Inch Price Inch Price 15.-...-- $\$ 0.40$ 27.-...-. $\$ 1.00$
 $24 \ldots-\ldots$. 90 .-...-...... 2.00

Iyre on Round Base Measure length of Lyre 15...-....-\$0.60 27........ \$1.50 18.------- 80 30.----... 2.00 $\begin{array}{llll}21 \ldots-----1.00 & 33 \ldots-\ldots-. . & 2.50 \\ 24 \ldots-\ldots & 3.00\end{array}$ Pillows
Rear leg flat folding Measurement across
top of Pillow

| 12------ | . 20 |  | \$0.60 |
| :---: | :---: | :---: | :---: |
| 14.....-- | . 25 | 27. | . 80 |
| 16. | . 35 | 30. | 1.25 |
| 18. | . 40 | 33. | 1.50 |
| 21-.-.-. | . 45 | 36 | 1.75 |

## Stars Flat

Measure extreme width

| $6 . . . . . . .{ }^{\text {d }}$ | . 0.12 | 20.-.-. | 0.45 |
| :---: | :---: | :---: | :---: |
| 8. | . 15 | $22 . .$. | . 60 |
| 10. | . 18 | 24. | . 75 |
| 12. | . 20 | 27. | 1.00 |
| 14. | . 25 | 30. | 1.25 |
| 16. | . 30 | 33. | 1.60 |
| 18.-. | . 35 | 36...- | 2.25 |




Wreaths Flat
Regular Box Frame


Wreath on Round Base

|  | \$0.40 | 24.--..... \$1.50 |
| :---: | :---: | :---: |
| 14 | . 50 | 27........ 1.75 |
|  | . 60 | 30........ 2.25 |
|  | . 80 | 33........ 3.35 |
|  | 1.10 |  |

We can supply many other standard wire designs, and can make up any special designs desired, on short notice.

## NESTED WIRE WREATHS

Smooth and clean, and perfectly made.
Nested frames go as first class freight, frames not nested, as double first class. These wreaths are nested and packed as follows: $10,12,14$, and 16 inch, 100 to the carton; $18,20,22$, and 24 inch, 50 to the carton.

The prices listed below, on wreaths and easels, are net-no discounts apply.

DOUBLE OR BOX WREATHS


## LODGE AND SOCIETY EMBLEMS



|  | $\begin{array}{r} \text { ights } \\ \text { On } \end{array}$ | Templar <br> Easel |
| :---: | :---: | :---: |
| Inch | Price | Inch Price |
| 18. | . $\$ 1.50$ | 27.......-\$3.00 |
| 20 | 1.85 | 30........ 3.50 |
| 24.-.- | 2.25 |  |

## Keystones Flat

Chapter design

| 12........ \$0.40 | 21....-.-. \$1.00 |
| :---: | :---: |
| 15 |  |

18...--------. . 60

Keystones on Easel
15........-\$0.80 21.-.......\$1.35

18 ..-...... 1.00 24......... 1.70

## Masonic

Square \& Compass Flat 14 ......-. $\$ 0.40$ 27......... $\$ 1.50$ 16 ........ . 50 30......... 1.75 18........ . 65 33........ 2.00 21...-.... 1.00 36........- 2.35 24......- 1.25

Masonic on Round Base
Measure of Square \&
Compass

| \$0.70 | 27-.......\$2.25 |
| :---: | :---: |
| 16.......- . 90 | 30........ 2.75 |
| 18.-...... 1.25 | 33........ 3.50 |
| 21........ 1.50 | 36........ 4.00 |

24........
1.75

Mystic Shrine
On Easel
16.--......\$1.50 24........-\$2.50

18-........ 1.75 27.-....... 3.00
21.......- 2.00

[^4]

American Legion Design Flat
18.-......-\$0.50 27.-...-. $\$ 1.25$
20.......- . 65 30......... 1.50
22........ . 85 33......... 2.00
$24 \ldots-\ldots-1.00$ 36.-..... 2.50

American Legion Desigm On Base
18...-.---\$1.20 27........ \$2.50

20 ........ 1.50 30........ 3.00
22........ 1.75 33......... 4.00
24 ......-. 2.00 36.--..... 5.00

Modern Woodmen Design
Log, Wedge, Axe \& Mallet
Combined on easel Measure of Log
18..-......\$1.25 30........-\$2.00
24......... 1.50

Knights of Columbus On Easel
21.......-.\$2.25 24........-\$3.00

## Knights of Columbus Flat

21.------.\$1.50 24.-...... $\$ 1.75$

Odd Fellows Design
Three Links on base
18.......-\$1.00 24.-.....-.\$1.25
21......... 1.10

## IMPORTED FALL BULBS

We would impress Florists' with the great advantage of placing their orders for Fall Bulbs well in advance. We have exceptional facilities for procuring high grade stocks from the foremost growers in Holland and can guarantee the lowest possible price for this selected stock.

Send us a list of your probable requirements and we will make a special quotation for early Fall delivery.

## The W. W. Barnard Co. seedsmen <br> 3942 S. Federal St.

Florists' Price List - Spring, 1929

The W. W. Barnard Co. SEEDSMEN


[^0]:    Note Many Florists sell the popular kinds of Flower Seeds, such as Alyssum, Candytuft. Nasturtium, Linnia, etc., in their stores; we will be pleased to quote quantity price to those who send a list of varieties and quantities

[^1]:    Note-The Tall and Semi-dwarf Snapdragons listed on page 5 will be found deserving of attention. There is an increasing demand for snaps for planting in borders and shrubbery. Many people do not have the facili thes for starting the seed early, hence small stocky plants find a ready sale.

[^2]:    Prices on Insecticides and Fungicides Are Subject to Market Changes Without Notice.

[^3]:    We carry a complete line of Dusting and Spraying Implements-See pages 25 and 29.

[^4]:    Odd Fellows Design Flat, three links
    18........ $\$ 0.60$ 24-..... $\$ 0.80$
    21........ . 70

