

# BOOK FOR FLORISTS

*Autumn*

1941

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BLOCK OF DARWIN TULIP ROSE COPELAND BLOOMING IN  
VAUGHAN'S TULIP FIELDS, NEAR PORTLAND, OREGON, 1941

Vaughan's Seed Store

CHICAGO



NEW YORK

# Tulip Growers Clean Up!

As we had predicted, florists fortunate enough to have tulip flowers and plants last spring enjoyed a seller's market. Stock was quickly cleaned up at prices which paid good profits in spite of the increased cost of bulbs.

Supply of forcing size tulips this fall now promises to be less than last year. The English crop was poor, with first size bulbs scarce; imports from Japan are obviously uncertain. Production of the best quality of American grown tulips from the Pacific Northwest was about the same as last year, but a substantial quantity was destroyed by fire.

We strongly urge immediate purchase of your tulip requirements.

Narcissi produced a normal crop in the Pacific Northwest, but at increased expense, due to advancing labor and material costs. This has caused some advance in prices on top sized bulbs produced in this area, which are the only grade quoted in this catalog. Bulbs from other sections may be offered by others, but not by us.

## A Beautiful, Practical, Paper White Display



Paper White Display Box, 10x20 inches, holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated,  
together with

100 Cellophane Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$ 7.00
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	8.50
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	10.50

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$14 to \$21 sales at 100% profit. Why let chain stores get sales which should be yours?

CHICAGO  
601 West Jackson Blvd.

# Vaughan's Seed Store

NEW YORK  
47-49 Barclay Street

ALL PRICES IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

# BUYERS: Give this Check List the "Once Over" When Ordering

This is a list of items most commonly used and needed by Greenhouse operators during the catalog months of the year. A glance at the list will probably recall any needs you might have forgotten which would inconvenience you later. It will also be a suggestion aid as to the possibilities of filling any empty benches. Included are a few hints regarding varieties, time of blooming, and culture. All items are listed in our "Books for Florists," but this will give you a quick check for busy months. We are planning to print improvements on this in each book if it is of any value to you. We would appreciate hearing your ideas. Better keep this for reference until the next issue.

## ITEMS TO START IN AUGUST

### FLOWER SEEDS

- Antirrhinum (for cutting)
- Aloe Variegata (pot plant)
- Asters (see culture)
- Begonia pots and combinations
- Bellis Spring bedding plants
- Browallia (for cutting)
- Calceolaria pots and combinations
- Calendula (for cutting)
- Centaurea Cyanus (for cutting)
- Cineraria pots and combinations
- Clarkia (for cutting)
- Cyclamen
- Delphinium (outside for Spring plants)
- Didiscus Coeruleus Improved
- Exacum Affine (pot plant)
- Leptosyne (for cutting)
- Lupinus Hartwegi (for cutting)
- Marigolds (for cutting)
- Mignonette (for cutting)
- Myosotis both greenhouse cutting and spring plant varieties
- Nasturtiums (for cutting)
- Nemesia (cutting and combinations)
- Pansy both greenhouse cutting and spring plant varieties
- Primula Malacoides Baby primrose for pots and combinations

### FLOWER SEEDS—Continued

- Schizanthus (pots, combinations, cutting)
- Statice Suworowii (cutting)
- Sweet Peas (Early)
- Venidium (cutting)
- Viola (B) (Spring plants)

### LAWN SEED

### PERFUME

### SUPPLIES

- Aluminum Phosphate
- Bamboo Stakes
- Bone & Blood
- Lethane
- Loma
- Pot Labels
- Red Arrow
- Rotogreen
- Sheep Manure
- Soil Shredder
- Sphagnum Moss
- Super Phosphate
- Volk

### BULBS

- Freesias
- Lilium Giganteum
- Valley Pips

Planted in August	Benching	Blooming	Culture
Antirrhinum	Oct.	Feb.-April	Pinch Oct. 1 to 3 or 4 sets of leaves.
Asters	Oct.	March-April	Lighted.
Calceolaria	Oct.	Mothers Day	
Calendulas	Oct.	Feb.-March	42°-45° Pinch.
Calendulas	Oct.	Dec.-Feb.	48°-50°
Cineraria	Oct.	Feb.-March	Do not pinch.
Cyclamen	Aug.	Nov.-Feb.	55°-60° for germination.
Didiscus	Oct. 1	Feb.-April	Do not pinch. Grow cool.
Leptosyne	Oct.	Jan.-May	Lighted.
Marigolds			
(Winter flwg.)	Sept. 15	Nov.-Jan.	
Mignonette	Oct.	Dec.-March	Do not pinch. Disbud. Grow cool.
Nemesia	Oct.	Oct.-Feb.	Poor soil. Dry side.
Pansies	Nov. 1	Dec.-March	Lighted.
Primula Malacoides	Oct.	March & later	
Schizanthus	Oct.	Christmas	Pinch until Oct. 15.
Statice	Dec.	Feb.	
Stocks	Oct.	Jan.15-Feb.15	Grow below 50° for setting buds.
Stocks	Oct. 15	Jan. 20 on	Lighted. Grow below 50° for setting buds.
Sweet Peas	Aug.	Dec.	Run rows N. & S. for winter bloom. Use sterilized soil low nitrogen. Avoid watering in dark weather to prevent buds dropping. Suggest furrows between rows for irrigation to avoid getting water on plants and fertilizing.
Freesia (bulbs)	Aug.	Dec.-Jan.	
Lilium Giganteum	Aug. 1	Oct.25-Nov.10	Start 50° until 4 in. Grow 70°-80°.
Lilium Giganteum	Aug. 15	Nov.10-30	Start 50° until 4 in. Grow 70°-80°.

## ITEMS TO START IN SEPTEMBER

### FLOWER SEEDS

- Aloe Variegata (pot plant)
- Antirrhinum
- Begonia
- Browallia (for cutting)
- Calceolaria
- Calendula (for cutting)
- Centaurea Cyanus (for cutting)
- Chrysanthemum (A) (for cutting)
- Cineraria
- Clarkia (for cutting)
- Cynoglossum (Chinese Forget-me-not)
- Didiscus Coeruleus Imp. (for cutting)
- Dimorphotheca (for cutting)
- Godetia (for cutting)
- Gypsophila (A) (for cutting)
- Larkspur (A) (for cutting)
- Leptosyne (for cutting)
- Lupinus (A) (for cutting)
- Marigolds (for cutting)
- Matricaria (Feverfew) (see culture)
- Mignonette (for cutting)
- Nemesia
- Pansy
- Primula Malacoides (Baby Primrose)
- Salpiglossis (for cutting)

- Schizanthus
- Stocks
- Sweet Peas (Early)
- Vinca Rosea (plants)

### BULBS

- Anemone
- Calla Elliotiana
- Callas Aetheopica
- Crocus
- Display Paper Whites
- Display Tulips
- Freesias
- Hyacinths
- Iris
- Ixias
- Lilium Creole
- Lilium Giganteum
- Lilium Harrisii
- Muscari
- Narcissus
- Paper Whites
- Ranunculus
- Scillas
- Snowdrops
- Soleil D'or
- Tulips

## ITEMS TO START IN SEPTEMBER—Continued

### GREENHOUSE

- Azaleas
- Cinerarias 2 1/4"
- Lantana R.C.
- Polyantha Roses
- Primula Ericksoni 2 1/4"

### PERFUME

### SUPPLIES

- Bone & Blood
- Loma
- Magic Pot Covers
- Peat Moss
- Raffia
- Rotogreen
- Ruscus
- Super Phosphate

Planted in Sept.	Benching	Blooming	Culture
Antirrhinum	Nov. 1	May-June	Pinch back to 3 or 4 sets of leaves.
Calendulas	Oct.	Feb.-March	42°-45° Pinch.
Calendulas	Oct.	Dec.-Feb.	48°-50° Pinch.
Centaurea Cyanus	Nov. 15	Mar.15-later	Lighted.
Chrysanthemums (A)	Nov. 1	March 1 later	Lighted.
Chrysanthemums (A)	Nov. 15	April 15 on	Lighted.
Cineraria	Sept.	April-May	Do not pinch.
Cynoglossum		March-April	Shallow bench 45°.
Didiscus	Nov. 15	April-May	Lighted.
Godetia	Oct. 15	Jan.-Feb.	Shallow bench, one pinch.
Leptosyne	Nov. 1	Feb.-May	Lighted.
Lupinus	Sept. 10	Jan.-Feb.	
Marigolds	Sept. 20	Oct.-Nov.	Restricted container, dry side. Do not pinch.
Matricaria	Nov. 15	April-May	Lighted.
Mignonette	Nov.	Jan.15-April	Do not pinch. Disbud. Sow several seeds 2' pot
Nemesia	Oct.	Feb.	Medium heavy poor soil.
Pansies	Nov. 1	Dec.-March	Lighted.
Schizanthus	Nov.	Jan.-Feb.	One pinch
Stocks	Oct. 22	Feb. 1	
Stocks	Oct. 15	Jan. 20 on	Lighted.
Sweet Peas	Sept.	Dec.-March	See August Culture
Lantana cuttings	Sept.	May	Pinch Jan. or Feb.
Marguerites (Chry. Frutescens)	Nov.-Dec.	Feb.-June	One pinch.
Freesia bulbs	Sept.	Jan.-Feb.	
Anemones Bulbs	Sept.	Jan.-March	
Ixias	Sept.	Feb. & later	
Lilium Giganteum C.S.	Sept. 1	Dec. 1-15	Start 50° until 4 in. Grow 70°-85°.
Lilium Giganteum C.S.	Sept. 15	Dec. 15-30	Start 50° until 4 in. Grow 70°-85°.
Lilium Creole (New Crop)	Sept. 21	Nov.25-Dec.15	Given plenty of space can grow cool 50°-70°.
Hardy Lilies		See January Culture.	

## ITEMS TO START IN OCTOBER

### FLOWER SEEDS

- Antirrhinum
- Begonia
- Calendula
- Candytuff (for cutting)
- Centaurea Cyanus
- Chrysanthemum (A) (for cutting)
- Cineraria
- Clarkia (for cutting)
- Didiscus Coeruleus Imp. (for cutting)
- Gypsophila (A)
- Larkspur (A)
- Lilium Formosanum Gt. Pure White
- Lupinus (A) (for cutting)
- Matricaria (Feverfew)
- Nemesia (cutting and combinations)
- Salpiglossis (cutting)
- Schizanthus
- Shamrock
- Statice Suworowii
- Stocks
- Sweet Peas (Intermediate and Early strains)
- Torenia (plants)
- Vinca Rosea (plants)
- Wallflower Dbl. Early Wonder (B)

### BULBS—Continued

- Lilium Croft Best Easter Pot Lily handle like Giganteum; larger, purer white flowers with more substance.
- Lilium Erabu
- Lilium Giganteum
- Lilium Harrisii
- Muscari (Grow in Flats for cut)
- Narcissus
- Ornithogalum Arabicum
- Paper Whites
- Ranunculus
- Scillas
- Snowdrops
- Spireas
- Tulips
- Valley Pips

### GREENHOUSE

- Ageratum R.C.
- Azaleas
- Boston Yellow Daisy R.C.
- Hydrangeas
- Geraniums 2 1/4" or R. C.
- Primula 2 1/4"

### BULBS

- Anemone
- Calla Lilies
- Candidum Lily
- Crocus
- Freesias
- Hardy Lilies
- Hyacinths
- Iris
- Leucocoryne
- Lilium Creole (Exceptionally good for early cut Lilies)

### NURSERY

- Polyantha Roses for Easter

### SUPPLIES

- Loma
- Magic Pot Covers
- Rotogreen

### PERFUME

Planted in October	Benching	Blooming	Culture
Calendulas	Dec. 1	March & later	42°-45° Pinch.
Chrysanthemums (A)	Dec. 1	April-June	Pinch Dec. 20.
Lilium Formosanum (Giant Pure White)		July-Sept.	Pot seedlings in 2 1/4 in. pots when large enough to handle and plant out in May.
Statice Suworowii		Feb.-May	Shallow light soil 45°.
Stocks	Dec. 1	April on	40°-45°.
Sweet Peas	Oct.	Feb.-May	See August culture.
Wedgewood Iris	Late Oct.	Jan.-Feb.	Use precooled bulbs for late Dec. bloom'g.
Imperator Iris	Late Oct.	Feb.-March	
Leucocoryne	Oct.	Dec.-Feb.	48°-50°.
Lilium Giganteum (New)	Oct. 1	Jan. 1-15	Start 50° until 4 in. Grow 65°-80°.
Lilium Giganteum (New)	Oct. 15	Jan. 15-30	Start 50° until 4 in. Grow 65°-80°.
Lilium Creole (New Crop)	Oct. 1	Dec. 15	Give plenty of space can grow cool 50°-70°.
Hardy Lilies		See January culture.	

**ITEMS TO START IN NOVEMBER**

**FLOWER SEEDS**

Acroclinium (for cutting)  
 Antirrhinum  
 Begonias pots and combinations  
 Calendula (cutting)  
 Candytuft (for cutting)  
 Centaurea Cyanus (for cutting)  
 Chrysanthemum (A)  
 Clarkia (for cutting)  
 Cuphea (plants)  
 Didiscus Coeruleus Imp. (for cutting)  
 Gypsophila Elegans Grandiflora  
 Larkspur (A) (cutting)  
 Liliium Formosanum  
 Lupinus (A) (for cutting)  
 Matricaria  
 Petunia All Double (Sow now for Mother's Day, 4-5" pots)  
 Salpiglossis (cutting)  
 Schizanthus  
 Shamrock  
 Statice Russian  
 Stocks  
 Sweet Peas (Intermediates and Early Spencers)  
 Vinca Rosea (plants)

**GREENHOUSE**

Azaleas  
 Calceolaria 2 1/4"  
 Fuchsia 2 1/4"  
 Geraniums 2 1/4" or R. C.  
 Hydrangeas  
 Lantana 2 1/4"

**BULBS**

Crocus  
 Hardy Lillies

**BULBS—Continued**

Hyacinths  
 Liliium Creole (Exceptionally good for early cut Lillies)  
 Liliium Croft Best Easter Pot Lily, handle like Giganteum; larger, purer white flowers with more substance  
 Liliium Erabu  
 Liliium Giganteum  
 Muscari (for cut or pots)  
 Narcissus  
 Ornithogalum Aureum  
 Ornithogalum Arabicum  
 Paper Whites  
 Scillas  
 Snowdrops  
 Tulips  
 Valley Pips

**SUPPLIES**

Bamboo Stakes  
 Bouquet Green  
 Chip Mats  
 Crepe Paper  
 Ducky Pot Tie  
 Magic Pot Covers  
 Naphthalene  
 Nitrosphoska  
 Sulphate of Iron  
 Tinsel Ribbon

**NURSERY**

Polyanthus Roses

**PERFUME**

Planted in November	Benching	Blooming	Culture
Antirrhinum	Jan. 15	March-June	Pinch Jan. 1 to 3 or 4 sets of leaves.
Calendulas	Jan.	April-May	42°-45° Pinch.
Gypsophila	Dec. 1	March	Lighted.
Larkspur	Jan.	April-May	
Liliium Formosanum			See October culture.
Stocks	Jan.	April-May	Grow below 50°.
Sweet Peas	Nov.	March-May	See August culture.
Liliium Giganteum N.C.		Easter	Start 50° until 4 in. Grow 65°-75°.
Liliium Creole	Nov.	Jan.-Feb.	Give plenty of space can grow cool 50°-70°.
Polyanthus Roses		Easter	Pot 15 weeks before Easter for grow'g at 60°.
Polyanthus Roses		Mother's Day	Pot 13 weeks before Mother's Day for growing at 60°. (Buds should show 6 weeks before and color 2 weeks before, date wanted).

Liliium Erabu New Crop Nov. 1 Feb. 1-15  
 Liliium Erabu New Crop Nov. 15 Feb. 15-25

**ITEMS TO START IN DECEMBER**

**FLOWER SEEDS**

Ageratum  
 Aloe Variegata (for pots)  
 Asters (for Greenhouse forcing)  
 Begonias (for spring plants)  
 Calendula  
 Candytuft (for cutting)  
 Centaurea Cyanus  
 Chrysanthemum (A) (for cutting)  
 Clarkia (for cutting)  
 Coleus (pot plant)  
 Dahlia Unwins (for pots)  
 Dracaena (for pots)  
 Gloxinia (pot plant)  
 Godetia (for cutting)  
 Gypsophila (for cutting)  
 Heliotrope (for pots)  
 Larkspur (A) (for cutting)  
 Marigolds (for cutting)  
 Matricaria (Feverfew)  
 Nemesia (for cutting and combinations)  
 Petunia All Double  
 Phlox (Dwarf sorts for combinations)  
 Salpiglossis (for cutting)  
 Scabiosa  
 Stocks  
 Sweet Peas (Intermediates & Early Spencers)  
 Torenia (plants)  
 Venidium (for cutting)  
 Vinca Rosea (plants)

**NURSERY**

Polyanthus Roses

**GREENHOUSE**

Azaleas  
 Ageratum R.C.  
 Buddlea 2 1/4"  
 Geraniums 2 1/4" or R. C.

**SUPPLIES**

Holly  
 Holly Wreaths  
 Prepared Wreaths  
 Ruscus  
 Statice  
 Thermometers

**BULBS**

Amaryllis  
 Chinese Paper Whites  
 Hardy Lillies  
 Liliium Creole  
 Liliium Erabu  
 Liliium Giganteum  
 Paper Whites  
 Soleil D'Or.  
 Valley Pips

**PERFUME**

Planted in December	Benching	Blooming	Culture
Asters Queen Market	Feb. 1	April-May	Lighted Dec. 10 to flowering.
Asters Royal, Crego and American Branching	Feb. 1	May-June	Lighted Dec. 10 to flowering.
Calendula	Feb. 1	April-May	Pinched Feb. 15th.
Candytuft	Flatted late Jan.	May-June	Use poor soil, keep on dry side.
Centaurea Cyanus	Feb.	April & later	
Chrysanthemum (A)	Feb. 1	May-July	Pinched Feb. 15th.
Clarkia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Feverfew (Matricaria)	Feb.	May-June	
Glorinia (Seed)	Dec.-Jan.	August	60°-65° Grow in shade.
Godetia	Flatted late Jan.	June	Use poor soil, keep on dry side.
Nemesia	Flatted late Jan.	May	Use poor soil, keep on dry side.
Phlox	Dec.	February on.	
Salpiglossis	Feb.	May-June	One pinch.
Scabiosa	Feb.	June	
Stocks	Feb. 1-15	Mother's Day	
Sweet Peas	Dec.	March-May	See August culture.
Venidium	Feb. 25	March-May	
Gladiolus	Dec. 15	May	Plant var. with primulinus blood as they do not come blind with early plantiing.

**Planted in December**

Liliium Creole  
 Liliium Giganteum N.C.  
 Liliium Erabu  
 Liliium Erabu  
 Liliium Regale  
 Liliium Rubrum  
 Liliium Album  
 Liliium Tigrinum  
 Liliium Auratum  
 Polyanthus Roses  
 Polyanthus Roses

**Benching**

Dec.  
 Dec. 1-15  
 Dec. 1  
 Dec. 15  
 Dec. 1  
 Dec.  
 Dec.  
 Dec.  
 Dec.

**Blooming**

March-April  
 For late Easter  
 March 1-15.  
 Feb.  
 April-May.  
 April-May  
 April-May  
 March-April  
 Easter  
 Mother's Day

**Culture**

Give plenty space can grow cool 50°-70°.  
 Start 50° until 4 in. Grow 65°-75°  
 50° for ten days then 60°.  
 See November Culture.  
 See November Culture.

**ITEMS TO START IN JANUARY**

**FLOWER SEEDS**

Agathe (for cutting)  
 Ageratum  
 Aloe Variegata (for pot culture)  
 Antirrhinum (for cutting)  
 Asparagus Sprengerii  
 Plumosus Nanus  
 Balsam (Bush var.) (for pot culture)  
 Begonias  
 Browallia (for pot culture)  
 Calendulas (for cutting)  
 Candytuft (for cutting)  
 Campanula (Annual, for pot culture)  
 Carnation (Annual, for plants)  
 Centaurea Candidissima (Dusty Miller)  
 Gymnocarpa (Dusty Miller)  
 Cyanus (for cutting)  
 Chrysanthemum (Annual)  
 Cineraria Maritima (Dusty Miller)  
 Clarkia (for cutting)  
 Cobaea Scandens  
 Coleus Glory  
 Cuphea (for plants)  
 Cynoglossum (for cutting)  
 Dahlias Unwin (fine pot plants) (plant tubers for Mother's Day)  
 Daisy Bellis (B)  
 Dracaena Indivisa (for pot plants)  
 Exacum (for pot culture)  
 Gloxinia  
 Gypsophila (Annual)  
 Impatiens (Fine for shade)  
 Kalanchoe (for pot plants)  
 Larkspur (Annual, for cutting)  
 Leptosyne (for cutting)  
 Linaria (for combination)  
 Lobelias Plants and combinations  
 Lupins (Annual)  
 Marigolds Dwarf (for combination)  
 Matricaria Golden Ball Pots and bedding  
 Mimulus (for pot culture)  
 Nemesia (for combination)  
 Nierembergia Hippomanica (for pot culture)  
 Pansies Super Maple Leaf Giants  
 Mixed Largest Super Swiss Giants (color range, size, earliness)  
 Pennisetum (Ornamental Grass)  
 Petunias All Double  
 Phlox (Vaughan's Beauty Strain) (Combinations)  
 Salpiglossis (for cutting)  
 Salvia  
 Schizanthus (Vaughan's Master-piece)  
 Smilax  
 Solanum (Xmas Cherry or Pepper)

**FLOWER SEEDS—Continued**

Stocks Column and Branching  
 Strawberries (Baron Solomecher)  
 Sweet Peas (Early Spencer and Intermediate)  
 Torenia (for pot culture)  
 Verbena Dwarf (for combinations)  
 Vinca Rosea (plants)

**GREENHOUSE**

Azaleas  
 Ageratum R.C.  
 Carnation R.C.  
 Geraniums 2 1/4" or R. C.  
 Hydrangea R.C.  
 Cyclamen Seedlings  
 Fancy Leaved Caladiums  
 Lantana 2 1/4"

**BULBS**

Amaryllis  
 Begonias (Tuberous Rooted)  
 Gladiolus  
 Gloxinias (Tuberous Rooted)  
 Hardy Lillies  
 Liliium Erabu  
 Liliium Giganteum  
 Tuberoses  
 Valley Pips

**PERFUME**

For Valentine's Day Sales

**SUPPLIES**

Aluminum Phosphate  
 Bamboo Stakes  
 Bone and Blood  
 Formaldehyde Dust  
 Hardy, Sowrite Seed Model  
 Hormodin  
 Horn Shavings  
 Hose Couplings  
 Loma  
 Nikoteen  
 Paper Pots  
 Peat Moss  
 Pot Labels  
 Rootone  
 Rotogreen

**VEGETABLE SEED**

Cabbage  
 Cauliflower  
 Celery  
 Egg Plant  
 Parsley  
 Pepper  
 Radish  
 Tomatoes

**Planted in January**

Agathe July  
 Antirrhinum March  
 Begonias (Seed) Jan.  
 Browallia March  
 Candytuft & Nemesia Jan.  
 Centaurea Cyanus Feb.  
 Chrysanthemums (A) March 1  
 Clarkia Jan.  
 Gloxinia Jan.  
 Gypsophila Jan. & every two weeks  
 Kalanchoe 60°-65° March  
 Kalanchoe 60°-65° March  
 Leptosyne March 1  
 Lupinus Jan.  
 Petunias Jan.  
 Salvia Feb.  
 Solanum March  
 Stocks March  
 Sweet Peas Jan.  
 Torenia Feb.  
 Hydrangea (cuttings) Feb.-April  
 Gladiolus Jan. 15  
 Liliium Giganteum Jan. 1  
 Liliium Giganteum Jan. 15  
 Liliium Erabu 55°-60°  
 Liliium Rubrum  
 Liliium Album  
 Liliium Tigrinum  
 Liliium Auratum

**Benching**

July  
 March  
 Jan.  
 March  
 Jan.  
 Feb.  
 March 1  
 Jan.  
 Jan.  
 Jan. & every two weeks  
 March  
 March  
 March 1  
 Jan.  
 Feb.  
 Feb.-April  
 Jan. 15  
 Jan. 1  
 Jan. 15  
 55°-60°  
 Feb.  
 Feb.-April  
 Jan. 15  
 Jan. 1  
 April 25 to May 5  
 Better cool grower than Giganteum.  
 Flowers about 5 1/2 months from date of planting.  
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 Flowers about 5 months from date of planting.

**Blooming**

Dec.-May  
 April-June  
 Aug.-Dec.  
 May-June  
 May-June  
 April  
 April  
 May  
 April-May  
 Aug.-Sept.  
 March 15  
 Christmas  
 April-May  
 April  
 April-June  
 July-Aug.  
 Berried Dec.  
 Memorial Day.  
 April-June  
 June-July  
 Easter-June  
 May  
 April 15-30  
 April 25 to May 5  
 June-July  
 July-Aug.  
 April 15-30  
 Start 50° until 4 in. Grow 65°-75°.  
 Start 50° until 4 in. Grow 65°-75°.  
 Better cool grower than Giganteum.  
 Flowers about 5 1/2 months from date of planting.  
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 Flowers about 5 months from date of planting.

**Culture**

Pinch February 15th.  
 Sow directly in flats, bench. One pinch.  
 Grow 2" or shallow flats. Poor soil. Grow under partial shade.  
 Sow directly in flat or bench. Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M. Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.  
 Keep bushy.  
 Pinch March.  
 Grow below 50°.  
 See August culture.  
 Pinch March.  
 Do not pinch later than July 1.  
 Start 50° until 4 in. Grow 65°-75°.  
 Start 50° until 4 in. Grow 65°-75°.  
 Better cool grower than Giganteum.  
 Flowers about 5 1/2 months from date of planting.  
 Flowers about 5 1/2 months from date of planting.  
 Flowers about 5 1/2 months from date of planting.  
 Flowers about 5 months from date of planting.



L. H. VAUGHAN, PRES.

CABLE ADDRESS  
VAUGHAN, CHICAGO  
CAROTIDA, NEW YORKGREENHOUSES AND NURSERIES,  
WESTERN SPRINGS, ILL.

# Vaughan's Seed Store

GENERAL OFFICES AND WAREHOUSES  
601-609 WEST JACKSON BLVD., CHICAGO

CARL CROPP, V. PRES.

NEW YORK,  
47-49 BARCLAY ST.CHICAGO LOOP STORE  
10-12 W. RANDOLPH ST.

All telegrams should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago, or 47 Barclay Street, New York.

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE

**TERMS OF PAYMENT.** To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 percent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items).

**FIRST ORDERS** from all firms not having an account with us should come with cash remittance to cover, from which deduct 2 percent (except on net cash items). If cash is not sent, supply bank and trade references.

**POSTAGE** for parcel post shipment. The prices in this catalogue are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

**C. O. D.** We prefer not to send goods C.O.D., but when wanted in that manner 25 percent of amount of order must accompany it.

**PERISHABLE STOCK.** Plants, Bulbs, etc., are **POSITIVELY** not sent C.O.D.

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

**ROUTING.** On each Order please give name of railroad you wish shipped by; there is no other sure way of correct routing. **DO NOT** use the words **send, ship or forward**—they mean **nothing**. State distinctly: **Mail, Express or Freight**.

**BOOK ACCOUNTS.** Customers who wish to open accounts will please supply usual bank and trade reference and financial statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some **individual name** should be signed on all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for **cash goods**.

**ORDERS FOR BULBS, ONION SETS and like perishable stock** which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

**INSURANCE.** We insure all orders for seeds for \$2.00 and over at buyer's expense, unless instructed not to do so.

## Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discounts on prices in our **SPRING RETAIL CATALOGUE** will be given as follows:

25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

10% on special offers and cut-rate collections, none on bulb collections.

None of these seeds are returnable. They are sold outright.

**Cash Discounts on Flower Seeds.** On all orders for flower seeds totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

No order will be charged to open account for less than 35 cents.

All telegrams should be addressed to our general office at 601 W. Jackson Blvd.

## IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

**ADVANCE ORDERS** for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

**STATE QUARANTINES.** Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

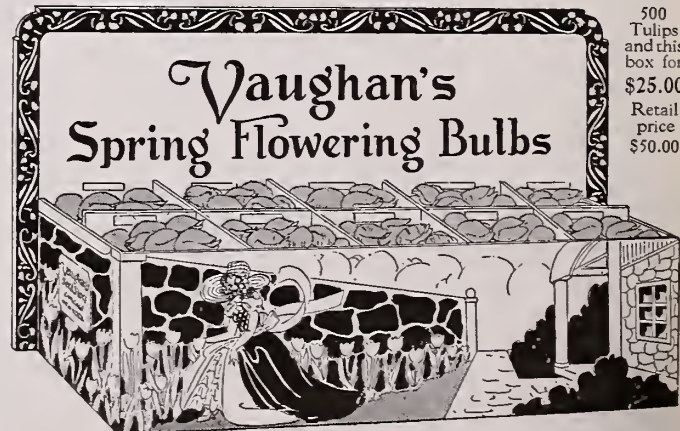
## Double Your Money on Tulips Sold From This Attractive Display

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$25.00; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$40.00, f. o. b. Chicago or New York.

**B**E ONE of the few dealers who can supply tulips this fall! War has cut off the supply of many chain and department stores and lessened your competition. We cannot supply you with a definite group, as usual, but will send outstanding varieties which your customers will be delighted to buy. This business belongs to the florist, who can supply expert advice to purchasers. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties of our selection.

The varieties in this collection will be popular ones. You retail them for \$1.25 per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$24.50 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$48.00 for 1,000 bulbs, 100 each of ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



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

## Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.



DARWIN TULIP WILLIAM COPELAND, GROWING IN VAUGHAN'S OREGON FIELDS

# Tulip Outlook

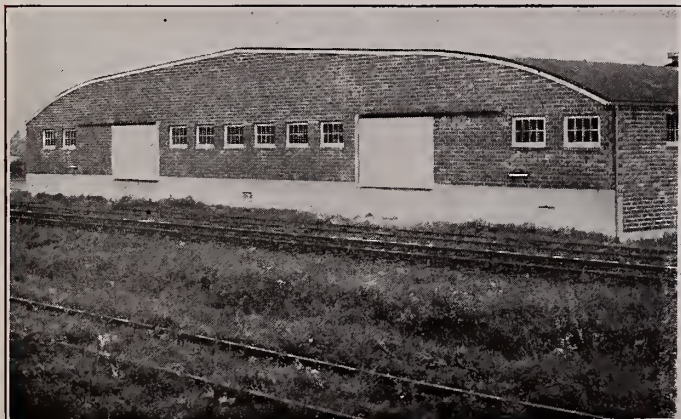
As this is written, indications are that the total supply of tulip bulbs of forcing size available in the American market will be smaller this fall than last.

Hopes of increased imports from England have been dispelled by reports that the crop there was disappointing, and first size bulbs will be scarce.

The case with Japanese tulips is the same as with lilies—there is no certainty of any imports at all.

As the largest growers of tulip bulbs in this country, we are again in a position to offer our customers exceptional service. Our orders will be filled either with bulbs of our own production from the Pacific Northwest, or with first quality English tulips, supplied by a reliable grower who cables that our order will be shipped early and without serious curtailment.

Prices are no higher than last year, in some cases lower; and the experience of last season demonstrated that higher prices for the bulbs coupled with short supply, insures the flower and plant grower a clean-up at better than normal prices.



Bulb Warehouse Near Our Tulip Fields in Oregon, Where Bulbs are Cured, Graded and Packed.

# Darwin Tulips

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

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Afterglow, soft apricot orange, tinged pink.....	\$6.00	\$55.00	\$5.50	\$50.00
Bartigon, (f) fiery crimson.....	.....	.....	5.50	50.00
Third Size..100, \$4.50; 1000, \$40.00				
Clara Butt, (f) soft salmon-pink....	4.00	35.00	3.50	30.00
Farncombe Sanders, (f) rich, brilliant scarlet.....	6.00	55.00	5.50	50.00
Herodiade, (f) rose-pink.....	.....	.....	5.50	50.00
King Geo. V, (f) deep cherry rose...	6.00	55.00	5.50	50.00
Le Notre, (f) rose shaded blush....	5.50	50.00	5.00	45.00
Mme. Krelage, (f) soft rose, margined blush.....	5.00	45.00	4.50	40.00
Mrs. Mandel, (f) violet-blue flushed lilac.....	6.50	60.00	6.00	55.00
PhilippeDe Communes, velvety dark purple.....	.....	.....	5.50	50.00
Pride of Haarlem, carmine rose....	5.50	50.00	5.00	45.00
Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer.....	5.50	50.00	5.00	45.00
Prof. Rawenhoff, (f) cherry-rose, white, blue base.....	6.00	55.00	5.50	50.00
Rose Copeland, (f) lavender-pink...	6.00	55.00	5.50	50.00
Victoire D'Oliveira, (f) carmine red, good forcer.....	6.00	55.00	5.50	50.00
Wm. Copeland, (f) bright violet: for forcing.....	.....	.....	5.00	45.00
William Pitt, (f) brilliant carmine.....	.....	.....	.....	.....
Third Size. 100, \$4.50; 1,000, \$40.00				
White Bartigon, (f) sport of Bartigon	6.50	60.00	6.00	55.00
Yellow Giant, golden yellow.....	5.50	50.00	5.00	45.00
FINEST MIXED.....	5.00	45.00	4.50	40.00



Topping Tulips in Our Oregon Fields. The Flowers Must be Picked Off and Destroyed to Prevent Disease.

## Breeder Tulips

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Bronze Queen, golden yellow bronze.	\$5.00	\$45.00	\$4.50	\$40.00
Dillenburg, salmon-orange.	6.00	55.00	5.50	50.00
Prince of Orange, (f) orange scarlet edged light yellow.	6.50	60.00	6.00	55.00
Mixed, all colors.	5.00	45.00	4.50	40.00

## Triumph Tulips

Kansas, white.			\$6.00	\$55.00
Mr. Zimmerman, rose-pink, light edges.	\$5.50	\$50.00	5.00	45.00
Telescopium, violet-rose suffused red.	6.50	60.00	6.00	55.00



A VAUGHAN FIELD OF NARCISUSS KING ALFRED AFTER BLOOMING IN OREGON

## Cottage Tulips

	FIRSTS		SECONDS	
	Per 100	Per 1000	Per 100	Per 1000
Avis Kennicott, chrome-yellow.	\$5.50	\$50.00	\$5.00	\$45.00
Caledonia, orange-scarlet.	5.00	45.00	4.50	40.00
Carrara, pure white.			6.50	60.00
Dido, pink salmon, edged orange.	6.50	60.00	6.00	55.00
Ellen Wilmott, primrose yellow.	5.25	47.00	4.50	42.00
Gesneriana Lutea, (f) golden yellow, sweet-scented. A splendid one under glass, on account of its color and perfume.	5.50	50.00	5.00	45.00
Gesneriana Spathulata, bright scarlet red.			5.00	45.00
Grenadier, bright orange-red.			5.50	50.00
Inglescombe Yellow, (f) rich yellow.	5.00	45.00	4.50	40.00
Maiden's Blush (Picotee), (f) white recurved petals, margined rose.			5.00	45.00
Miss Blanche, pure white.	6.00	55.00	5.50	50.00
Orange King, deep orange shaded rose.			5.50	50.00
Vesta, pale primrose, changing quickly to pure white.			5.50	50.00
FINEST MIXED	5.00	45.00	4.50	40.00

## Early Tulips

Couleur Cardinal, deep scarlet.	6.00	55.00		
Fred Moore, dark orange edged yellow.	6.00	55.00		
Keizerskroon, red with distinct wide golden border.	7.00	65.00	6.50	60.00
Rising Sun, golden yellow.	6.00	55.00		
Vermilion Brilliant, vermilion scarlet.	6.00	55.00		
White Hawk, pure white.	6.00	55.00		



### Sell Daffodils This Fall

25 mixed hardy daffodils in picture packages, 10 pkgs. \$ 8.00  
Retail for 15.00  
Profit \$ 7.00

20 packages for \$15.00; doubling your money. Prices F.O.B. Chicago.

Mixed hardy daffodils are lower in price than tulips this fall for the first time we remember, and by almost 50%! Many more should be sold, in view of the tulip shortage. We offer a special picture package in brilliant color containing 25 mixed bulbs, and giving cultural instructions. Sure to be a rapid seller. No waste, no picking over.



# American-Grown Hardy Narcissi

Northwest-Grown Bulbs From Which No Flowers Have Been Cut

## Crop of Large Bulbs is Short. Order Early

HAVING our own Farms in Oregon and with a resident representative to make inspections of other fields each season when the bulbs are in bloom and again after the bulbs have been lifted and placed in trays in the warehouses our customers are assured of the best quality.

Quality of our stock has reached perfection through long study and adoption of the latest methods of culture.

Our bulbs are grown in Oregon, where narcissi bulbs grow best. All our stock has come from the same source in the last six years. The most modern implements are used so that bruising and disease are reduced to minimum. After digging, our bulbs are stored in temperatures that have been found most satisfactory by eminent English and Dutch experimenters. This temperature treatment hastens the flowering period and keeps the bulbs firm.

American grown narcissi are now not only grown as well as European, but they travel a shorter distance to you, minimizing the risk of heating and bruising.

KING ALFRED (Trumpet Variety)			
Golden yellow, large flowers. King of all of them.			
No. 2 Double Nose		Round	
100	1000	100	1000
\$6.25	\$56.00	\$6.00	\$55.00

### TRUMPET VARIETIES (Yellow Trumpet)

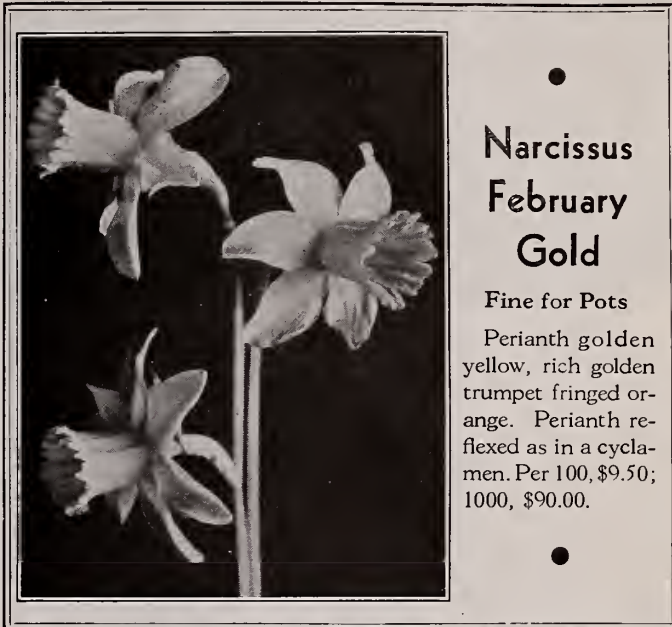
	Double Nose		Round	
	100	1,000	100	1,000
Emperor, rich yellow, large flower..	\$6.50	\$58.00	\$5.00	\$44.00
Golden Spur, rich yellow.....	5.50	50.00	4.50	40.00
Minister Talma, golden yellow, large flowers.....	7.00	65.00	5.00	44.00
M. A. Fiersten, yellow trumpet daffodil. Wide short, densely frilled trumpet of pure yellow, a shade deeper than the perianth; finely placed with good neck.....	10.00	.....	.....	.....
..... Per doz., \$1.50				
Olympia, sulphur-yellow perianth, large yellow trumpet.....	7.50	70.00	6.00	55.00
Tresserve, sulphur-yellow perianth with very large yellow trumpet..	7.00	65.00	5.50	51.00

### Bicolor Varieties

Spring Glory, white perianth, yellow trumpet.....	6.50	58.00	5.00	44.00
Victoria, white perianth, yellow trumpet.....	6.50	58.00	5.00	44.00

### Other Classes

Barri, Conspicuous, yellow, small cup	5.00	44.00	4.00	35.00
Diana Kasner, (Barri), pure white perianth and large fluted yellow cup with blood red frill. Good forcer..	6.00	55.00	4.75	42.00
Golden Scepter (Jonquil), deep golden yellow.....	5.50	50.00	4.75	42.00
Laurens Koster (Poetaz), white and yellow.....	5.50	50.00	4.25	38.00
Poeticus Glory of Lisse, pure white cup, margined red.....	5.00	45.00	4.00	35.00
Poeticus, Ornatus, white and yellow	4.75	42.00	3.75	32.00
Pheasant Eye.....	4.75	42.00	3.75	32.00
Helios (Incomparabilis), deep golden yellow cup opens little darker in cool climate, changes light orange.....	6.50	60.00	5.50	50.00
Sir Watkins (Incomparabilis), medium trumpet, yellow. Good for early use.....	5.50	50.00	4.00	36.00



## Narcissus February Gold

Fine for Pots

Perianth golden yellow, rich golden trumpet fringed orange. Perianth reflexed as in a cyclamen. Per 100, \$9.50; 1000, \$90.00.

### OTHER CLASSES—Continued

	Double Nose		Round	
	100	1,000	100	1,000
Croesus (Incomparabilis), Canary yellow perianth, orange fluted cup.	\$6.50	\$58.00	\$5.00	\$45.00
Queen of North (Leedsii), white perianth primrose cup.....	6.50	60.00	5.50	50.00
Silver Star (Leedsii), white perianth cup primrose changing to white...	9.00	85.00	7.00	65.00
Mixed, for outdoor planting, single and double nose.....	.....	.....	3.50	30.00

### Double Varieties

Alba Plena Odorato, pure white..	\$5.00	\$45.00	\$4.00	\$33.00
The Pearl, double white.....	6.50	58.00	5.00	45.00
Twink, primrose and clear orange..	8.50	80.00	6.50	60.00

## Narcissus Paper White Grandiflora

From the Finest Crop Harvested in Florida  
CROP IS SHORT OF LARGE BULBS—ORDER EARLY!

All our bulbs are grown from stock that originally came from the same Frenchman who supplied us before importation of foreign bulbs was prohibited. We caution florists against buying cheap bulbs of Paper Whites. You might get bulbs which have been left in the ground two or more years, and which show double crowns. Such bulbs will produce plenty of foliage, but will lack flowers.

The fields from which our bulbs come were inspected by our bulb man at flowering time, to insure true type; and a further inspection was made at harvesting time. The stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are as good.

Paper Whites. Write for prices on 5 or more cases.	100	1,000
12 ctms. Buy these to compete with chain store	\$1.75	\$12.00
13 ctms.....	2.15	16.50
14 ctms.....	2.70	22.00
15 ctms.....	3.10	28.00

### Chinese Narcissus (American Grown Bulbs)

(Better than the imported.)	Per 100	Per 1,000
Strong Bulbs.....	\$4.50	\$40.00



LILIUM CANDIDUM

# Lily Bulbs

As this catalogue goes to press, the diplomatic measures taken by the United States Government with reference to Japan, have checked for a time normal trade intercourse between the two countries.

Although we have information that some of our lily bulbs have been shipped, and some have arrived in this country and been placed in storage warehouses, none has been released to us, and we do not know when we shall receive them, if at all.

We are therefore unable to quote definite prices, or to accept definite contracts for delivery. We invite your inquiries, however, with the assurance that as soon as the situation is cleared up, if bulbs are to be available we will advise all inquirers immediately as to prices and supply available.

## Lilium Giganteum

Crop much shorter than last year of the larger sizes.

Our northern grown stock will again come from the same selected fields as last season. Our customers may depend not only upon the best market prices, but on guaranteed grading—a vital point. Our arrangements in Japan provide for selection of sound, well-shaped bulbs. Crescent-shaped, malformed and undersized bulbs are taken out. If any of our cases reach you with undergraded or inferior lily bulbs in them, ask us at once for disposition.

6 to 8-inch (400 to case).....	} Write for Prices
7 to 9-inch (300 to case).....	
8 to 9-inch (250 to case).....	
8 to 10-inch (225 to case).....	
9 to 10-inch (200 to case) (scarce).....	

## Lilium Erabu

Stock will be short, due Japanese Government Control over Exports.

Growers must not force Erabu in great heat. A cool house, 60 to 65 degrees, with plenty of moisture is better, but they will certainly do best when grown in pots so they can be shifted into sections representing varying heights to give proper light and watering.

6 to 8-inch (400 to case).....	} Write for Prices
7 to 9-inch (300 to case).....	
8 to 10-inch (225 to case).....	
9 to 10-inch (200 to case).....	

## Lilium Vaughani (Quantities Limited.)

Has the large flowers of the Giganteum type coupled with the blooming qualities of Erabu. The foliage is closely set, all the way up the stem, and it does not lose its foliage near the pot. In appearance, it is sturdier, and a better pot plant. The percentage of flowers from a 7 to 9-inch bulb is higher than any other type of Giganteum.

7 to 9-inch (300 bulbs to case).....	} Write for Prices
8 to 10-inch (225 bulbs to case).....	
9 to 10-inch (200 bulbs to case).....	

## Lilium Regale

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

	Doz.	Per 100	Per 1000
6-7 in.....	\$1 00	\$ 6 00	\$ 55 00
7-8 in.....	1 25	8 00	75 00
8-9 in.....	1 65	11 00	100 00
9-10 in.....	2 00	15 00	145 00

If wanted in quantity please write for prices.

# Hardy Japan Lilies

## Auratum—Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through center of each petal; very fragrant.

8 to 9 inches (180 bulbs to a case).....	} Write for Prices
9 to 11 inches (125 bulbs to a case).....	
11 to 12 inches (90 bulbs to a case).....	

## Auratum Platyphyllum

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

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

## Speciosum Rubrum Magnificum

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

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

## Speciosum Album (White)

Pure white, with beautiful recurved petals, very fragrant.

8 to 9 inches (220 bulbs to case).....	} Write for Prices
9 to 11 inches (160 bulbs to case).....	

## Speciosum Melpomene

Flowers frosted white, spotted and bearded with pinkish crimson.

8 to 9 inches (180 bulbs to case).....	} Write for Prices
9 to 11 inches (140 bulbs to case).....	

## Lilium Candidum—Thick Petaled

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

### PRICES

	Northern Grown, Thick Petaled		
	Doz.	Per 100	Per 1000
18-20 cmts.....	\$1 65	\$11 00	\$100 00
20-22 cmts.....	2 00	15 00	140 00

# Various Lilies

BATEMANNIAE—Beautiful apricot shade.....	Doz.	100	Write for Prices
CANADENSE—Meadow Lily. Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows, fine bulbs.....	Per 1000,	\$65 00	\$1 15 \$ 7 00
ELEGANS MIXED.....	Write for Prices		
HENRYII. The flower stalk, 3 to 5 feet high, carry 5 to 8 flowers each; color, rich apricot-yellow, lightly spotted with brown. 8-9 in.....	} Write for Prices		
9-11 in.....			
PARDALINUM—Leopard Lily. Rich scarlet and yellow spotted with rich brown. Per 1000, \$115 00	\$1 75	\$12 00	
PHILLIPINENSE FORMOSANUM—A very refined and graceful Lily with long grassy foliage, and long wide-mouthed trumpet flowers of the purest white, slightly marked externally with reddish brown. The plants grow to a height of 3 foot or more, are very robust and offer great resistance to wind and weather.....	2 50	18 00	
SUPERBUM. Flowers bright orange-red thickly spotted with purple.....	Per 1000,	\$85 00	1 35 9 00
TENUIFOLIUM—The lovely Coral Lily of Siberia. It is the brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. They are so fine for cutting.....	Per 1000,	\$55 00	1 00 6 00
TIGRINUM SPLENDENS—Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black.....	Per 1,000,	\$75 00	1 25 8 00
TIGRINUM FLORE PLENO—Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers. Per 1,000, \$85 00.	1 35	9 00	
UMBELLATUM—Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th.			
—Mixed. Large Flowers.....	Per 1000,	\$125 00	1 80 13 00

# Miscellaneous Bulbs

## Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon.

Bulbs 2½ inches and more and are sure bloomers. Make wonderful window displays.

### SELECTED MIXED HYBRIDS Doz. 100

2-2½ inch.....	\$1.80	\$13.00
2½-3 inch.....	3.50	25.00
3-3½ inch.....	4.50	30.00
3½ inch and up.....	5.50	40.00

### SEPARATE COLORS. Each, 40c; Doz., \$4.00.

Light Red	Salmon	Red with Light Stripes
Dark Red	Rose	Light Shades

### OTHER AMARYLLIS Doz. 100

Johnsonii. Velvety crimson, white striped.....	2.50	18.00
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### ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about ½ inch deep. Sunny location, plenty of moisture. Special Mixed, number one bulbs, per 100, \$2.00; per 1,000, \$17.50.

**Anemone St. Brigid Irish Champions.** The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, \$2.75; per 1,000, \$22.50.

### BRODIAEAS

**Capitata.** The California Hyacinth, has slender stems, 6 to 12-inch, high capped with a close cluster of violet blue flowers. Flowers hold up well, so should be good for Florists use. 100, \$3.00; 1,000, \$25.00.

## White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops, expose bulbs to the sun**, in order to make early shipment.

Our stock is **thoroughly cured in the ground and dried thoroughly** before they are packed. This means later delivery but better results can be obtained from such bulbs.

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

Size	Per 100	Per 1,000
1¼-1½ inches.....	\$ 5.50	\$ 50.00
1½-1¾ inches.....	10.00	95.00
1¾ inches and up.....	14.00	135.00

## Yellow Calla

(Elliotiana)

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

	Doz.	Per 100	Per 1,000
2-2½ inch.....	\$1.35	\$ 9.50	\$ 90.00
2½-3 inch.....	2.00	15.00	140.00
3-3½ inch and up.....	3.50	25.00	240.00

## Pink Calla

(Rehmanni Superba)

Truer pink than the old Rehmanni and make larger plant with longer stems on the flowers. Blooms sold very well on all major markets.

	Doz.	Per 100
1¼-1½ inches.....	\$4.50	\$35.00
1½-1¾ inches.....	5.50	40.00

### CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings. Try a few in a cool house. Mixed, per 100, \$3.50; postpaid; per 1,000, \$30.00.

AMARYLLIS  
NEW HYBRIDS



## Freesias—California Grown

### Crop Short

**Elder's Giant White.** Much demand for the flowers on all markets because of the size and strong stems. ½ to ⅝ in.: per 100, \$1.50; per 1,000, \$10.00.

**Golden Daffodil.** The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong stiff stem. ½ to ⅝ in.: per 100, \$1.00; per 1,000, \$7.00.

**Knipe's Yellow.** A yellow freesia of unusual sturdy growth, tall straight stems. Flowers large and wide open. Great lasting qualities. Very prolific producer with several laterals, making it a valuable cut flower. ½ to ⅝ in.; per 100, \$2.00; per 1,000, \$15.00.

**Kokomo.** A very attractive lavender blue. Large open flowers and good long stems. A strong grower with plenty of laterals. We believe the finest lavender to be put on the market. ½ to ⅝ in.; per 100, \$2.00; per 1,000, \$15.00.

**PURITY—True Strain. White.** ½ to ⅝ in.: per 100, \$1.00; per 1,000, \$6.50.

**Sunset.** A flame orange, reminding you of the glorious sunsets of California. ½ to ⅝ in.: per 100, \$1.30; per 1,000, \$8.00.

**White Chief.** A new Giant White. Stems average 18 to 30 inches long; single flowers 2½ inches long. Can be had in bloom first week in January. ½ to ⅝ in.; per 100, \$1.00; per 1,000, \$7.00.

**Rainbow.** Mixed. ½ to ⅝ in., per 100, \$1.60; per 1,000, \$11.00.

## Baby Gladiolus

Years ago when the bulbs could be imported they were very popular. Limited quantities are now being grown on the coast so we can offer them again. Wonderful for forcing. Unsurpassed for bouquets, baskets and other uses.

**Blushing Bride.** White, pink and carmine flakes.

**Peach Blossom,** delicate pink.

**Pink Perfection,** fine pink.

**Spitfire,** brilliant reddish salmon.

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

### Leucocoryne Ixiodes Odorato

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz., \$1.25; per 100, \$8.00.



ANEMONE



RANUNCULUS

## Dog Tooth Violets

(Erythroniums)

If they had no other beauty than that of their richly mottled leaves, they would be well worth a place in the shady corner. Their flowers are 3 inches across, with stems 6 to 18 inches high. The colors run in delicate tints of white, pink, cream, bright yellow and rose. They are hardy in the coldest States, and while they are at their best in a loose, gritty soil, rich in leaf mold, they also thrive in woodlands, in shaded corners, or in the crevices of rockwork in shade.

**Americanum.** It produces in April, small, lily-like flowers, which vary through white, pink, bright yellow, rose, and cream. Bulbs should be planted about 5 inches deep. Per 100, \$3.50; per 1,000, \$30.00.

**Californicum** has large cream-colored flowers. Per 100, \$4.50; per 1,000, \$40.00.

**Citrinum** is rather more erect in habit, with flowers almost pure white with strongly contrasting deep citron. Per 100, \$4.50; per 1,000, \$40.00.

**Grandiflorum Robustum** is a superb species with flowers of the brightest buttercup yellow, leaves plain green. Per 100, \$5.50; per 1,000, \$50.00.

**Hartweggii** is as pretty as Californicum, with more yellow in the flower, and each flower on a separate stalk. Very early and stands much heat. Good for pots. Per 100, \$4.50; per 1,000, \$40.00.

**Hendersonii.** Like Californicum, but the flowers are a lovely light purple, with centers a deep maroon. Per 100, \$4.50; per 1,000, \$40.00.

**Mixed.** Per 100, \$4.00; per 1,000, \$35.00.

## Dutch Iris

	6-7 ctms. Per 1,000	7-8 ctms. Per 1,000	8-9 ctms. Per 1,000
<b>A. Bloemaard.</b> Standards dark purplish blue, fallslighter blue, very large flower, early.....	\$10.00	\$19.00	\$30.00
<b>D. Haring.</b> Early flowering. Standards greyish white, falls pure white, very large flower.....	16.00	28.00	38.00
<b>Early Snow.</b> Tall early white.....	20.00	30.00	40.00
<b>Imperator (Filifolia)</b> Deep blue. Good seller, one of the best of greenhouse growing.....	10.00	18.00	29.00
<b>J. W. De Wilde.</b> Uniform dark yellow, a novelty.....	20.00	32.00	.....
<b>Poggenbeeck.</b> Uniform dark blue. An extra good variety.....	10.00	18.00	30.00
<b>White Excelsior.</b> Uniform pure white, falls very broad, very good form and substance, very early forcer.....	20.00	30.00	42.00
<b>Yellow Queen.</b> Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow.....	20.00	30.00	.....

**Tingitana Wedgewood.** A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower that has commanded enormous prices during the past few years. Light blue in color, 8-9 ctms., per 100, \$2.10; per 1,000, \$16.00; 9-10 ctms., per 100, \$3.30; per 1,000, \$28.50; 10 ctms. and up, per 100, \$5.00; per 1,000, \$42.00.

## English Iris

The English Iris are among the finest of all the Iris group coming into flower at the end of June. As a cut flower it is invaluable. The bulbs may be planted outside with a Winter mulching.

**Named Varieties.** Deep-blue, White, Light-blue, Deep-ruby flaked. Doz., 80c; 100, \$5.50. Mixed. Doz., 60c; 100, \$4.00.

## MUSCARI (Grape Hyacinth)

Make good pot plants. Force easily for January blooms.

**Blue.** Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Per 100, \$2.50; per 1,000, \$20.00.

**Heavenly Blue.** Sky-blue. Per 100, \$2.50; 1,000, \$20.00.

**Plumosum.** Violet (feathered). Per 100, \$5.00; 1,000, \$45.00.

## ORNITHOGALUM

**Aureum,** is a rich apricot orange color, and is perhaps the finest of all Ornithogalums. The flower stems are usually much over a foot in height, with most of the upper half covered with flowers shaped somewhat on the order of a Paper White Narcissi, only a deep orange-color. Its ease of culture, and the long lasting qualities of the flowers make it an ideal cut flower. Doz., \$1.30; 100, \$9.00.

**Arabicum,** Star of Bethlehem, white with black base. Doz., 60c; 100, \$4.00.

**Thrysoides,** pure white. Doz., 60c; 100, \$4.00; 1,000, \$35.00.

**Thrysoides,** Flore Pleno, double white. Doz., 80c; 100, \$5.50.

## SPIRAEAS

For Easter and Mothers' Day Blooming

Freeze roots before potting.

Grow 90 days for Easter.

Grow 75 days for Mothers' Day.

Temperature 55 degrees.

Pink and white varieties of best named. Per doz., \$3.50; 100, \$25.00

## Ranunculus

With available flowers for early spring sharply reduced by the effects of war, the problem of every greenhouse owner is: What shall I plant in the benches usually devoted to material shut off by war?

Ranunculus offer an immediate answer to this problem. No other flowers available to the florist can produce such a riot of color. They make an immediate hit with the public, as every flower show proves. Market records show that supplies in the past have sold out quickly at good prices, and next spring they will have far less competition.

The important thing is to grow a good strain, and Vaughan's exclusive Victoria Hybrids have no rivals in abundant bloom, percentage of doubles, strong stems, and size of flowers. The color range embraces pink, yellow, orange, brilliant scarlet, vivid apricot and innumerable tints of these colors.

Culture is simple, and full directions will be supplied on request.

	Per 100	Per 1,000
<b>Victoria Hybrids Mixed Tops</b> .....	\$3.00	\$25.00
<b>Mixed First Size</b> .....	2.00	18.00
<b>Orange</b> .....	3.00	25.00
<b>Pink</b> .....	3.00	25.00
<b>Red</b> .....	3.00	25.00
<b>Yellow</b> .....	3.00	25.00

## WRITE FOR QUANTITY PRICES

## SCILLA NUTANS ALBA

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

## SNOWDROPS

	Per 100	Per 1,000
Single.....	\$3.50	\$30.00
Double.....	4.00	35.00

## SCILLA (Campanulata)

	Per 100	Per 1,000
<b>Blue</b> .....	\$4.75	\$42.50
<b>White</b> .....	4.75	42.50

## SCILLA NUTANS

	Per 100	Per 1,000
<b>Blue</b> .....	\$3.00	\$25.00

# Vaughan's Flower Seeds

## Condensed List for Fall Sowing

Cash Discounts on Flower Seeds: On all orders for flower seeds except Cyclamen seed which is net, totaling less than \$25.00; 5%, and over \$25.00; 8% may be deducted if cash is enclosed.

### "SNAPS" For Greenhouse Forcing

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

#### SPECIAL OFFER—WHERE PRICE IS:

- \$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50; any 7 for \$4.55
- \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50
- \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (\*) are best for early winter flowering.

Varieties followed by a cross (X) we can supply in 1/2 trade pkts. at 60c each.

#### NEW INTRODUCTIONS

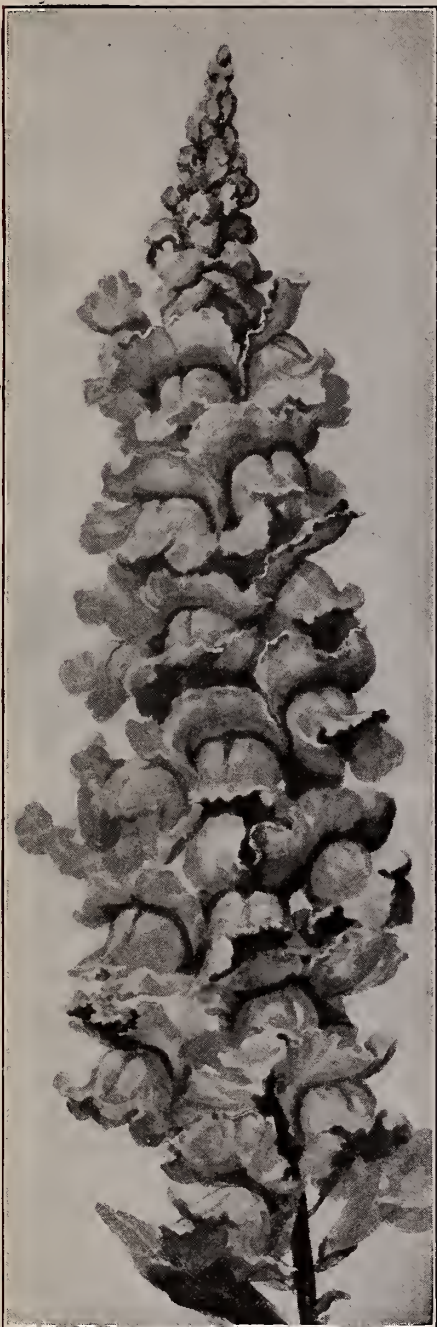
- America (Hodaly).** Brilliant rose pink with orange lip, blending into pure lemon. The flower heads are sixteen to twenty-five inches long, carrying well set, large florets; medium foliage. A real winter bloomer, with uniform flowering period. Awarded first prize at the Chicago Flower Show of 1941. Trade 1.50
- Early Westover's Fringed White (Windmiller).** An early development of Westover's Fringed White—carrying the superb Westover qualities down to the first earlies—an ideal Wedding Bouquet White—good early or late; strong grower, productive and always hard stemmed. 2.00
- Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers. Outstanding introduction that we feel confident will prove a most valuable and profitable florist variety. 2.00
- Mary Ellen (Yoder)** is a light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets. 2.00
- Radiance (Windmiller).** Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original. Excellent keeping qualities and great uniformity. Average height 30 inches. Termed by some florists as "The Gladiolus Flowered Snapdragon." 1.50
- Schaffroth's Pink.** A beautiful soft rose pink. Early flowering, starting in early December and coming in full bloom at Christmas and will cut all through January. May be grown as a second crop which will be in fine flower for Mother's Day. Fine spikes, is a clean grower, wonderful keeper and the flowers rarely drop. Received a Silver Medal at the New York Florist Club meeting, spring 1940. 2.00
- Schaffroth's White.** New pure white. Midwinter blooming from July sowing. Produces 12 to 14 spikes per plant within a cropping period of four to five weeks. Net 2.00

#### BRONZE SHADES

- \***Afterglow.** Golden bronze X. Better than New Dawn. 1.00
- \***Early Glorious (Windmiller).** A highly attractive deep bronze shaded scarlet with closely set spikes. Fine for Valentine Day Sales. 1.50
- Ideal (Hodaly).** Color, a blend of carmine rose shading into rich orange, tipped with lemon-yellow. Lips golden yellow, slightly suffused with carmine, white throat. Good grower, strong stiff stem, large flowers, well formed heads. Winter-flowering strain, blooming in four months from seed. 1.50
- Kirkwood Beauty.** Bronze with a cast of gold—a striking color. 1.00

#### PINK AND ROSE SHADES

- Cheviot Supreme Appleblossom (Windmiller).** In color it resembles Verbena Mayflower. In late spring the color deepens to salmon-rose. Best in February. Does not shatter. Trade 1.00
- Cheviot Maid Supreme. Reselected.** Deep rose-pink X. 1.00
- Christmas Cheer.** Sold out for this season.
- Daybreak.** Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer X. 1.00
- \***Gilbert's Pink Queen Supreme.** This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads. 1.50
- La France (Windmiller).** True strain, single plant selection, 100% true to type and color, ruffled satiny pink, excellent spikes and stem. 1.50
- Marie Louise (Raasch).** Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set. 2.00
- Milady.** Good early rose pink. 1.00
- \***New Cincinnati.** The finest light rose X. 1.00



HODALY'S AMERICA

- \***Miss Wooster.** The color is a dazzling rich dark bronze. Trade 1.00
- Early blooming, the heads of blooms are very large and compact. It is an ideal shipping variety X. 1.00
- \***New Deal.** Very early, fragrant, golden bronze. 1.00
- Roman Gold.** A deep golden yellow with a lip a lighter yellow X. 1.00
- \***Sunlight.** Improved New Deal, finest early golden bronze X. 1.00
- \***Suntan.** Rose shade of tan with tinge of yellow on lip X. 1.00
- Talisman (Windmiller).** Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination with other flowers. 2.00

#### LAVENDER

- Bertha Baur.** Standard lavender. 1.00
- Schrock's Orchid.** True orchid color with exceptionally long and beautiful spikes. Spring flowering. 1.00
- \***Schumann's Lavender.** A true color, produces a strong sturdy stem with a spike of large moderately close flowers. An early variety that will not shatter. 2.00
- Windmiller's Lilac.** Excellent orchid, true to type and color, early, hardy wiry stems, small foliage, productive. Has made good far and wide. Certificate New York Florists Club, February 12, 1940. 1.50

**ANTIRRHINUM—Pink and Rose Shades—Continued.**

	Trade pkt.
*Peggy Schumann (Schumann). A medium pink, a large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots.....	\$2.00
*Rose-Pink Cheviot Supreme (Windmill). Early, hard, wiry stems, small foliage, excellent keeper and shipper, intense color. Best in January.....	1.50
Rose Queen. Dark pink X.....	1.00
St. Louis Pink (Rowe). Beautiful shade of flesh pink, the well placed flowers being produced on wiry stiff stems. A minimum of lateral growths is produced, making it possible to set the plants close together in the beds. Flower spikes being 10 to 12 inches in length and the flowers do not shatter. Spring bloomer.....	1.50
Terry's Surprise, Improved. Pink and bronze shades, late..	1.00
*Winter Helen. Lovely salmon-pink, early and winter bloomer	1.00

**RED**

Velvet Beauty. Rich American Beauty red in color X.....	1.00
*Velvet Supreme. Warm crimson red selection from Velvet Beauty; a live glowing color in spring.....	1.50

**WHITE**

Cheviot Maid Pure White. (Yoder). Flowers well placed..	1.00
*Lucky Strike. Well known pure white, grows three to four feet with full spike of flowers; does not drop or shatter X..	1.00
Lucky Strike Improved. Earlier than the original.....	1.50
Marion White (Schumann). A real white, large close flowering spike off a strong, sturdy stem, throwing small foliage	1.50
Snow White (Windmill). Late white for Easter and Mother's Day. A glorious white for weddings and church decorations. Stately spikes of white on long stems.....	1.00
Westover's Fringed White. A great favorite in the East. Sow for late crop X.....	1.00
*White Prosperity. A pure white.....	1.50
*White Wonder. A fine pure white. Free and early X....	1.00

**YELLOW**

*Ceylon Court. Dark selection. Canary yellow. Our introduction X.....	1.00
Cheviot Maid, Yellow. (Volz).....	1.00
Coate's Yellow Perfection. Deep golden yellow. Spring flowering X.....	1.00
*Ethel. Is a large, bright yellow flower, winter bloomer, well formed head, good stems, easy to grow and shatterproof..	1.50
Gorgeous (McFarland). Slightly lighter than Coate's Yellow. Large individual flowers forming spikes 15 to 20 inches long. Excellent for use after Mums.....	2.00
Klondyke Supreme. Deep intense golden yellow with extra large individual florets, sow early, continuous bloomer....	1.50
Schumann's Yellow.....	2.00
Sunray. Large well placed yellow flowers on strong stems, a good shipper, has no grassy growth.....	2.00
Yellow Wonder. (Bezdek.) Early and free flowering. Has a good stiff stem, a fine commercial variety, and a beautiful yellow shade that strongly appeals to retailers.....	1.50
Greenhouse Varieties Mixed. With pinks predominating..	.75

**FRED WINDMILLER'S INTRODUCTIONS**

	Trade Pkt.
Cheviot Supreme Appleblossom.....	\$1.00
*Early Glorious. Deep bronze shaded scarlet.....	1.50
Early Westover's Fringed White. An early development of Westover's Fringed White.....	2.00
La France. Ruffled satiny pink.....	1.50
Lilac. Excellent orchid, true to type and color.....	1.50
Radiance. Lovely deep pink, earlier, deeper colored, more attractive and better stem than the original....	1.50
*Rose-Pink Cheviot Supreme.....	1.50
Snow White. Late white for Easter and Mother's Day.	1.00
Talisman. Improved strain, all double, bronze, early and continuous, a fancy flower for retail trade.....	2.00

**Begonia—Fibrous-Rooted**

Seed sown in fall will produce large plants for Easter sales.  
**Pink Pearl.** Of dwarf, compact habit—6 to 8 Trade pkt. Oz. inches high; this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage.. \$1.25  
**Red Pearl.** See King of the Reds nearest substitute.

**BEGONIA, Fibrous-Rooted—Continued.**

	Trade pkt.	Oz.
<b>Gracilis Adeline</b> (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage. Same color and dwarf habit as Pink Pearl.....	\$1.00	
The preceding are excellent summer bloomers.		
<b>Carmen.</b> Bright rose flowers, shining dark foliage.....	1.00	
<b>Carmen Scarlet.</b> See Indian Maid. The Carmen varieties are very attractive, especially under electric lights, on account of bronze foliage.		
<b>Fireball.</b> Fiery crimson, 10 in.....	1.00	
<b>Gerda Seeger</b> (Heterosis Variety). Compact growth, about 6 in. high, the coloring a strong rose, in fact the darkest of the Dwarf Gracilis type. Very large and free flowering.....	1.25	
<b>Indian Maid</b> (Carmen Scarlet). 10 in. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.....	1.00	
<b>Luminosa.</b> Deep dark scarlet, foliage reddish brown, a winter bloomer, 10 in.....	1.00	
	1/2 oz., \$2.40; 1/16 oz., \$4.20	
<b>Dwarf Luminosa.</b> Extra dwarf, scarlet. Fine for pots. 8 in.....	1.00	
<b>Prima Donna.</b> Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....	1.00	
	1/2 oz., \$2.00	
<b>Radio</b> (Rundfunk). Large flowered, shining, pure carmine-scarlet, green foliage.....	1.00	
	1/2 oz., \$2.20	
<b>White Pearl.</b> White, 10 in.....	1.00	
	1/4 oz., \$1.80	
<b>Christmas Cheer Red.</b> A very large-flowered variety, color dark crimson-scarlet.....	1.00	
	1/2 oz., \$3.00	
<b>Christmas Pink.</b> Identical to above variety only the color is a delightful shade of warm rose-pink.....	1.00	
<b>Semperflorens Albert Martin.</b> Bright carmine, very large flowers, 14 in.....	.50	
	1/2 oz., \$1.60	
<b>Alba.</b> Pure white.....	.50	
	1/2 oz., \$1.20	
<b>Elegance.</b> Bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center, green foliage.....	1.00	
<b>Enchantress.</b> Fresh rose color.....	1.00	
<b>Erfordia.</b> Clear pink; free flowering..	.50	
	1/2 oz., \$1.50	
<b>Fire Sea</b> (Blaze of Fire). Fiery red flowers, green foliage, 8 in.....	1.00	
<b>G. Knaacke.</b> Glowing salmony pink.....	.50	
<b>Glow.</b> Glowing scarlet.....	1.00	
	1/4 oz., \$1.80	
<b>Ile de France</b> (New). The best white. The foliage is identical to Christmas Cheer, only light green. The flowers are 1 1/4 in. to 1 1/2 in., pure white, with bright yellow stamens. They grow in compact form, not to exceed 12 in. in height and approximately the same width.....	1.00	
<b>Kaethe Teicher.</b> The flowers are of exceptional size of 2 1/2 in. across. The plants are compact, about 10 in. high. The strong dark-green foliage forms an effective foil to the pure carmine of the flowers, which appear in rich abundance.....	1.00	
<b>King of the Reds.</b> Very dwarf, glowing scarlet flowers, foliage green edged bronze..	1.00	
	1/4 oz., \$2.20	
<b>Lightning.</b> Large flowers 2 in. across and deep carmine scarlet, 10 in.....	1.00	
	1/4 oz., \$1.50	
<b>Little Midget.</b> A remarkably early and willing bloomer. Plants flower freely when only an inch or two in height. Color a pretty dark carmine..	1.00	
<b>Masterpiece.</b> One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms have made it a great favorite. The flowers fairly cover the foliage.....	1.25	
	1/4 oz., \$3.00	
<b>Salmon Queen.</b> Large salmon red blooms, 12 in. Free flowering dark foliage.....	.50	
	1/4 oz., \$1.50	
<b>Scandinavia.</b> An outstanding large-flowered pink variety for pots. Plants are of good branching habit Excellent for winter flowering..	1.00	
	1/4 oz., \$2.00	
<b>Winter Romance.</b> Carmine pink flowers, light green foliage.....	1.00	
	1/4 oz., \$1.50	
<b>Special Mixture of Bedding Begonias.</b>	1.40	
	1/2 oz., .50	



TYPE OF GREENHOUSE CALENDULA

## Browallia

**Speciosa Major Blue.** A very free flowering plant for indoor blooming. Flowers size and color of single violets. Sow in early fall and give carnation temperature. Trade pkt., 50c; 1/16 oz., \$1.20.

## Chinese Forget-Me-Not

**Cynoglossum Amabile, Blue Bird.** A lovely plant Tr. pkt. Oz.  
18 to 24 inches tall, with bright blue flowers. Makes wonderful cut flower material. . . . . 1/4 oz., 25c \$0.15 \$0.80

**Amabile. Pink.** . . . . . 15 .60

**Fairy Blue.** Attractive deep Cambridge or azure blue. . . . . 15 .40

**Firmament.** A compact variety of bushy, growth, 15 to 18 inches tall. Smothered with rich dark blue flowers. . . . . 1/4 oz., 50c .25 1.60

## Calendula Forcing Varieties

**Sensation, Vaughan's Improved (Campfire).** Long stems; very double, brilliant orange flowers. The blooms are very flat in shape. . . . . 1/4 oz., 60c \$0.40 \$2.00

**Ball Apricot.** Soft apricot with dark center; large flowers. . . . . 1/4 oz. 60c .40 2.00

**Ball Gold.** Deep golden yellow, long stemmed and large flower with light center. . . . . 4 oz. \$6.50 .40 2.00

**Ball Lemon Queen.** Clear medium deep yellow with a dark brown center. . . . . lb. \$20.00; 4 oz., \$6.50 .40 2.00

**Ball Improved Long Orange.** Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange. Quite outstanding for extra large flowers and long stems. . . lb., \$20.00; 4 oz., \$6.50. . . . . 40 2.00

**Ball Long Orange.** Long-stemmed, deep intense orange, light center. . . . . lb., \$20.00 .40 2.00

**Ball Masterpiece.** Extra long-stemmed deep orange with brown center. . . . . lb., \$20.00 .40 2.00

**Ball White (Moonlight).** The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade. . . . . lb. \$20.00 .40 2.00

**Vaughan's Special Mixture for greenhouse forcing.** . . . . . 1/4 oz., 50c .30 1.50

## Candytuft

**Giant Hyacinth-Flowered. Select, Pure White.** This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. Sow in fall on raised beds for winter blooming. . . . . 4 oz., \$2.25; lb., \$7.50 \$0.20 \$0.75

**Coronaria Empress. White.** For outdoor planting in the south. . . . . lb., \$2.40 .10 .25

**Umbellata Carminea. Carmine, 12 in.** . . . lb., 3.60 .15 .40

**Alba. White, 12 in.** . . . . . lb., 3.60 .15 .40

**Flesh-Pink 12 in.** . . . . . lb., 3.60 .15 .40

**Lilacina. Lilac, 12 in.** . . . . . lb., 3.60 .15 .40

**Purpurea. Crimson, 12 in.** . . . . . lb., 3.60 .15 .40

**Rose Cardinal. Rose-pink, 12 in.** . . . lb., 5.00 .15 .60

**Vaughan's Special. Mixed.** . . . . . lb., 3.60 .10 .40

## Super Giant Centaurea Cyanus (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting. Excellent for sowing outside very late in fall, just before frost for blooming in spring, and for inside use.

	Trade pkt.	Oz.
<b>Black Boy. Blackish maroon.</b> . . . . . 4 oz., \$1.20	\$0.15	\$0.50
<b>Blue Boy. Rich deep blue, very large flowers.</b> . . . . . lb., \$4.00; 4 oz., 1.20	.15	.40
<b>Pinkie. Deep pink.</b> . . . . . lb., \$4.00; 4 oz., 1.20	.15	.40
<b>Red Boy. Deep red.</b> . . . . . 4 oz., 1.20	.15	.40
<b>Snowman. Best white.</b> . . . . . 4 oz., 1.20	.15	.40
<b>Vaughan's Mixture of Super Giant New Varieties Mixed.</b> . . . . . 4 oz., \$1.20	.15	.40

**CINERARIA Maritima Candidissima**, for bedding; leaves silvery white. . . . . 15 .50

**Maritima Diamond.** Leaves pure white. . . . . 15 .80

## Cyclamen

### Persicum Giganteum

Our Cyclamen seed has been grown by experienced growers who have specialized in this item for years.

Cyclamen prices are net and subject to change without notice.

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

	100 Seeds	1,000 Seeds
<b>Bonfire. Brilliant salmon.</b> . . . . . \$2.25	\$20.00	
<b>Bright Red.</b> . . . . . 1.75	16.00	
<b>Dark Blood Red.</b> . . . . . 1.75	16.00	
<b>Lavender.</b> . . . . . 1.75	16.00	
<b>Morning Red (Sunrise). Light salmon, dark eye.</b> . . . . . 2.20	18.00	
<b>New Ruffled Mixed.</b> . . . . . 2.30	21.00	
<b>Orange Beauty. Orange vermilion.</b> . . . . . 2.30	21.00	
<b>Pink Pearl. Salmon pink.</b> . . . . . 2.30		
<b>Pure Rose.</b> . . . . . 1.75	16.00	
<b>Pure White.</b> . . . . . 1.75	16.00	
<b>Rococo Erecta Mixed. Large fringed flowers.</b> . . . . . 2.20	18.00	
<b>Saffron Red.</b> . . . . . 2.20	18.00	
<b>Salmon Scarlet (America Improved).</b> . . . . . 2.30	21.00	
<b>Salmon Rose Improved.</b> . . . . . 2.25	20.00	
<b>Salmon Dark. (Glory of Wandsbek or Perle of Zehlendorf).</b> . . . . . 2.20	18.00	
<b>Salmon Light (Rose of Zehlendorf).</b> . . . . . 2.20	18.00	
<b>Soft Rose with Carmine Eye (Improved Rosa von Marienthal).</b> . . . . . 1.75	16.00	
<b>Striped.</b> . . . . . 1.75	16.00	
<b>White with Carmine Eye.</b> . . . . . 1.75	16.00	
<b>White Crested.</b> . . . . . 2.20	18.00	
<b>Mixed.</b> . . . . . 1.65	15.00	

## Double Cyclamen

This strain comes about 80% true from seed.

**Admiration.** A beautiful salmon rose with shaded eye.

**Cerise Brilliant.** A good Christmas red.

**Prosperity.** An azalea type, flaming rose color.

**Rosea.** A soft rose with a coral cast shading lighter at petal tips.

Each of the above, 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00; 1,000 seeds, \$25.00.

**Double Mixed.** The four above, 100 seeds, \$3.50; 250 seeds, \$7.00; 500 seeds, \$13.00; 1,000 seeds, \$25.00.



DELPHINIUM PACIFIC HYBRIDS

## Clarkia Elegans Double

Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2 1/4-inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.

	Trade pkt.	Oz.
Albatross. Pure white.....	\$0.15	\$0 60
Appleblossom. Delicate pink.....	.15	.50
Chieftain. Mauve.....	.15	.60
Enchantress. Salmon pink.....	.15	.60
Firebrand. Copper scarlet.....	.15	.60
La France. Pale salmon pink.....	.15	.60
May Blossom. Pure glowing rose.....	.15	.60
Orange King. A good orange.....	.15	.60
Purple Prince. Rich purple.....	.15	.60
Rosy Morn. Rose. Very double.....	.15	.60
Queen Mary. Carmine.....	.15	.60
Salmonea Perfecta. True salmon, extra double....	.20	1.00
Scarlet Queen.....	.15	.60
Vaughan's Special Mixture.....	.15	.80

## Didiscus Coeruleus

Vaughan's Improved Wilt-Resistant Blue Lace Flower

An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring 2 1/2 to 3 1/2 inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart, does not transplant well. Not over Carnation temperature needed. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

	Trade pkt.	Oz.
DIDISCUS Coeruleus, Lavender Lace Flower, blue, regular, 2 ft.....	\$0.15	\$0.80
DRACAENA Indivisa. Narrow green leaves, lb., \$4.00.....	.15	.40
Australis. Green and red colored leaves.....	.20	.90
EXACUM Affine. An easily grown pot plant with very fragrant flowers of bluish lilac color with yellow stamens. Excellent for basket work. 6 in.....	.75	....
GERBERA Jamesonii Hybrids. New Flowerland Strain (Transvaal Daisy). The Daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers. A greenhouse perennial. Sow in warm house and give at least 4 to 6 weeks time to germinate; and plant in rather sandy deep soil in a well exposed ground bed.....	.....	.....
.....1,000 seeds, \$3.00; 100 seeds, 40c.....	.....	.....

# Delphinium

**PACIFIC GIANT (Vetterle and Reinelt).** This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

☞Owing to unfavorable weather conditions in California, where this seed is raised, there will be no new seed of the Pacific Hybrids, Wrexham, Blackmore & Langdon, Belladonna or Bellamosum until about the middle of September.

We shall book orders for delivery at that time unless otherwise advised.

**Black Knight Series.** The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture. Trade pkt., \$1.25; 1/8 oz., \$3.00; 1/4 oz., \$5.50.

**Blue Bird.** A clear medium blue with huge tall spikes. Trade pkt., \$1.25; 1/8 oz., \$3.00.

**Blue Jay.** Medium to dark blue with dark bee. Trade pkt., \$1.25; 1/8 oz., \$3.00; 1/4 oz., \$5.50; oz., \$20.00.

**Cameliard Series.** This is a pure lavender self, with white bee, the individual flowers are very round and flat. Trade pkt., \$1.25; 1/8 oz., \$3.50; 1/4 oz., \$6.50.

**Galahad Series.** Clear white, averaging three inches in diameter, of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers. Trade pkt., \$1.50; 1/8 oz., \$4.00; 1/4 oz., \$7.00; oz., \$24.00.

**Guinevere.** Light pink lavender self with white bee. Individual floret 2 1/2 to 3 inches in diameter. For cut flowers and show purposes. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

**King Arthur.** Brilliant royal violet with large white bee. Individual florets 2 1/2 inches in diameter, very thin woody stems with small foliage. Very long graceful spikes. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00.

**Lancelot Series.** Pure lilac self tone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. Trade pkt., \$1.25; 1/8 oz., \$2.00; 1/4 oz., \$3.60; oz., \$12.00.

**Summer Skies.** Clearest light blue with white bee. Individual florets 2 to 2 1/2 inches in diameter. Thin woody stems. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

**Round Table Series.** As the name implies this represents all of the color combinations of the above Knights and their Ladies. This year some three hundred different crosses were used to make up this group, combining all the newest color developments and possessing size that will make them invaluable for show purposes. Trade pkt., \$1.25; 1/8 oz., \$2.25; 1/4 oz., \$4.00; oz., \$14.00.

**Pacific Giant Clear White.** Individual florets 2 to 2 1/2 inches in diameter. Well placed on large well balanced spikes. Clear glistening white with heavy texture. Excellent for show purposes. Not mildew resistant. Trade pkt., \$1.25; 1/8 oz., \$2.50; 1/4 oz., \$4.00; oz., \$14.00.

**Pacific Giant Dark Blue Shades.**

**Pacific Giant Light Blue Shades.**

**Pacific Giant Medium Blue Shades.**

**Pacific Giant Lavender Pastel Shades.** Color range from light lavender to deep smoky lavender, generally of two tone combinations with brown or black bees.

**Pacific Giant Violet Shades.**

**Pacific Giant Mixed.**

Each of above 6: Trade pkt., \$1.00; 1/8 oz., \$2.00; 1/4 oz., \$3.50; oz., \$12.00.

We offer "home grown," new crop Delphinium seed from our own nurseries at Western Springs, Illinois, of the following:

**Delphinium Belladonna Improved.** Light blue 4 to 5 ft. Trade pkt., 35c; oz., \$2.40; lb., \$26.00.

**Lamartine.** The flowers are a rich, deep blue with a pure white eye. It makes a sturdy, vigorous, healthy plant five feet tall which blooms from June until frost. Trade pkt., 50c; 1/4 oz., \$1.40; oz., \$4.80.

**Indigo.** True blue 5 ft. This is a splendid cut flower. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.

**GREVILLEA Robusta.** Silk Oak. Good for fern dishes, combinations and a ground cover for poinsettia plants.....lb. \$8.00 .15 \$0.80



## Gypsophila

**Elegans Grandiflora Alba, Vaughan's Select Florist Strain.** This stock has an average of eight petals, size is about a half inch per floret and, although there are very slight pale green rays on the flowers, they are not at all noticeable. It is extremely free blooming. The petals are considerably broader than other stocks, making the flowers nice and round, without the usual cartwheel effect. About 10% will be the smaller flowered type. ¼ lb., 75c; lb. \$2.40 . . . . \$0.25

**Elegans Carminea.** Deep rose. . . . lb., \$2.20 \$0.10 .25

**Crimson.** . . . . lb., 2.40 .10 .25

## Lilies

Culture on Lilies from seed sent free with order

Sow the seed in flats in the greenhouse during October and November. The soil in flats consists of mixture of one-third each of fine sand, leaf mold and good soil. When the seedlings are large enough to handle they can be potted up in 2¼ inch pots and planted outdoors in a well drained location in May or as soon as the weather permits. These will start in to bloom from late summer on.

**Formosanum.** Improved Pure White. This selected strain produces 80% pure white flowers. Trade pkt. Oz. . . . lb., \$20.00; 4 oz., \$5.50; ¼ oz., 50c \$0.25 \$1.80

**Giant Pure White.** . . . . lb., \$30.00; 4 oz., \$8.00; ¼ oz., 75c .35 2.60

**Longiflorum Praecox (White Queen).** Produces blooms of the well known Erabu type within 13 or 14 months from sowing. There are about 8,000 seeds in an ounce. . . . ½ trade pkt., 60c; ¼ oz., \$1.50 1.00 10.00

## Lobelia

**Erinus Crystal Palace Compacta.** 4 in. Deep blue, dark foliage. Trade pkt. Oz. . . . ¼ oz., 50c \$0.25 \$1.80

**Compacta Alba.** Snowball white. 4 in. . . . ¼ oz., 80c .25 2.80

**Blue Gown.** Clear deep blue, without eye, fine compact habit. . . . ¼ oz., 80c .25 2.60

**Blue Stone Re-selected.** Compact habit, large flowers, brilliant mid-blue. . . . ¼ oz., 70c .25 . . . .

**Emperor William.** Dwarf, gentian-blue, light foliage. 4 in. . . . ¼ oz., 60c .25 1.80

**Opal.** Rich opal blue, large flowered. . . . ¼ oz., 60c .25 . . . .

**Mrs. Clibran.** Deep blue, white eye. . . . ¼ oz., 70c .25 2.40

**Sutton's Cambridge Blue.** Light blue with green foliage. . . . ¼ oz., 85c .35 . . . .

**Speciosa.** Dark flowers and foliage, 10 in. . . . ¼ oz., 60c .25 1.80

**Pumila Splendens, Bedding Queen.** Dark blue, white eye dwarf, 4 in. . . . ¼ oz., 85c .35 . . . .

**Pendula Hamburgia.** Sky-blue, white eye, dark foliage; for hanging baskets. . . . ¼ oz., \$1.00 .35 3.60

**Sapphire.** For hanging baskets; large deep navy-blue with white eye. . . . .50 . . . .

## Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting.

Sow 3 or 4 seeds in a 3 or 4 in. pot. Keep in cold frame until late October or November. Transplant into a ground bed and grow slowly in cool temperature. Space 10x12 inches, water well after transplanting and then keep on dry side until plants are established.

**Giant or King Lupinus.** This improved new giant strain reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms. Tr. pkt. Oz. . . . lb., \$5.00 \$0.15 \$0.50

**King Dark Blue.** . . . . lb., 5.00 .15 .50

**King Heliotrope.** A pleasing rosy purple. . . . lb., 5.00 .15 .50

**King Sky-Blue.** . . . . lb., 5.00 .15 .50

**King White.** . . . . lb., 5.00 .15 .50

**King Mixed.** . . . . lb., 5.00 .15 .50

**Hartwegii.** Dark Blue, Oxford-Blue, 24 in. . . . lb., 3.60 .10 .30

**Albus.** White. . . . lb., 3.60 .10 .30

**Light Blue.** Cambridge-Blue . . . . lb., 3.60 .10 .30

**Rose Queen.** Rose-pink. . . . lb., 4.00 .15 .40

**Mixed.** . . . . lb., 2.20 .10 .20

**Sulphureus Superbus.** Annual Yellow. Takes well of the Chicago market, 28 in. . . . lb., \$5.00 .15 .50

## Mignonette

**True Machet.** Vaughan's Selected Stock. ¼ oz., 25c \$0.15 \$0.80

**New York Market.** Greenhouse grown seed. This is an extra choice strain of Mignonette for greenhouse culture. Likes a temperature of 45 or a little lower and a sunny bench. . . . . 1.00 . . . .



ANNUAL LARKSPUR GIANT IMPERIAL

## Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of seed make this one of the best catch crops a florist can plant. Can also be sown outdoors just before freezing for early spring flowering.

To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing and place seed flats in basement or other cool spot for 2 to 3 weeks for germination to take place.

### GIANT IMPERIAL OR BASE BRANCHING—4 ft.

A race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting

**Blue Bell.** Fine medium blue, deeper than sky blue, lighter than lilac. **Lilac Queen.**

**Blue Spire.** Dark blue. **Lilac Spire.** Beautiful lilac color.

**Carmine King.** **Los Angeles.** Salmony scarlet.

**Coral King.** Blush pink with a suffusion of coral. **Miss California.** Deep pink on salmon.

**Daintiness.** Delicate lavender. **Montrose.** Clear rose pink.

**Dazzler.** Rich scarlet. **Pink Perfection.** Lively light pink.

**Exquisite Pink Improved.** Salmon-pink. **Rosalind.** Rose suffused salmon.

**Gloria Improved.** Rich deep rose salmon. **Sweet Lavender.** Lavender.

**White King.** Glistening pure white.

Each of the above. Trade Pkt., 25c; ¼ oz., 35c; oz., \$1.00; lb., \$10.00

**Giant Imperial Vaughan's Special Mixed.** All colors. Trade Pkt., 20c; oz., 80c; lb., \$8.00.

### STOCK-FLOWERED—4 ft.

**Dark Blue.** **Rosamond.** Pure rose.

**Empress Rose.** Hermosa pink. **Rose Queen.** Deep rose pink without salmon shading.

**La France.** Salmon pink. **Salmon Rose.**

**Lilac Supreme.** Deep lilac. **Sky-Blue (Ageratum Blue).**

**Newport Pink.** **White.**

**Purple.**

Each of the above, Trade Pkt., 25c; oz., 60c; lb., \$6.00.

**Stock Flowered Vaughan's Special Mixed.** Trade Pkt., 15c; oz., 50c; lb., \$5.00.

## Marigold

For best results, seed should be sown from July up to December. Plant in any house that can be kept free from frost. No insect pests.

### Tall African Double Fistulosa, 3 Ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

**Lemon Queen, Los Angeles Florist Strain.** All double. Trade pkt., 25c; ¼ oz., 50c; oz., 1.60; 4 oz., \$5.00.

**Prince of Orange, Los Angeles Florist Strain.** All double. Trade pkt., 25c; ¼ oz., 50c; oz., 1.60; 4 oz., \$5.00.

**Yellow Supreme.** Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 20c; ¼ oz., 40c; oz., \$1.40; 4 oz., \$4.00.

**Guinea Gold.** Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 20c; ¼ oz., 40c; oz., \$1.20; 4 oz., \$4.00.

**Lieb's Winter Flowering.** Mahogany brown with golden yellow crested center. Trade pkt., 35c; ¼ oz., 60c; oz., \$2.00.

**Lieb's Winter Flowering Sunshine.** Golden orange, yellow center. Trade pkt., 35c; ¼ oz., 60c; oz., \$2.00.

## Myosotis (Forget-Me-Not)

	Trade pkt.	Oz.
<b>Alpestris Alba.</b> White. 1 ft.	\$0.15	\$1.40
<b>Blue.</b>	.15	1.40
<b>Carmine King.</b> Deep rosy carmine	¼ oz., 70c	.25 2.40
<b>Indigo Blue.</b> Royal blue	¼ oz., 60c	.25 2.00
<b>Indigo Blue Compacta.</b> Deep blue. 6 in.		.35
<b>Rosea.</b> 1 ft.	¼ oz., 80c	.25
<b>Stricta.</b> Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft.		
	½ oz., \$1.00	.50
<b>Pink Bouquet.</b> Pink. 1 ft.	½ oz., \$1.00	.50
<b>Victoria.</b> Dwarf globular strain. 8 in.:		
<b>Indigo Blue.</b> Fine dark blue	½ oz., \$1.00	.35
<b>Rosea.</b> Pink	¼ oz., \$1.00	.35
<b>Sky Blue.</b>	¼ oz., \$1.00	.35
<b>White.</b>		.35

**Vaughan's Early Blue Bird.** An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding. Trade pkt., 35c; ¼ oz., 85c; oz., \$2.85.

	Trade pkt.	Oz.
<b>Palustris.</b> True marsh forgetmenot, blue. ¼ oz., 60c	\$0.25	.....
<b>Semperflorens.</b> Dwarf, blue, in flower from early spring until autumn, 1 ft.	¼ oz., 70c	.25 \$2.40

## Nasturtium

**Double Climbing Fragrant Varieties.** Sow seed in late summer and give support early. Their bright flowers of spicy fragrance will come in handy during the winter months.

	Oz.	¼ lb.	Lb.
<b>Tall Golden Gleam.</b> Semi-double, yellow	\$0.10	\$0.30	\$1.00
<b>Indian Chief.</b> Vivid scarlet flowers	.15	.50	.....
<b>Salmon Gleam.</b> Golden salmon	.15	.30	1.00
<b>Scarlet Gleam.</b> Bright orange-scarlet	.10	.30	1.00
<b>Glorious Gleam Hybrids.</b> Wonderful range of color in double and semi-double flowers	.10	.30	1.00

## Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results, sow seed where you want them to bloom.

<b>Alba.</b> White.			
<b>Alba Oculata.</b> White with dark eye.			
<b>Atropurpurea Alba Oculata.</b> Deep red, white eye.			
<b>Brilliant.</b> Rose with dark eye.			
<b>Carnea.</b> Flesh color.			
<b>Chamois Rose.</b> Carmine eye.			
<b>Cinnabarina.</b> Brilliant red.			
<b>Cinnabar Scarlet.</b> Most vivid scarlet.			
<b>Flaming Velvet.</b> Deep velvety red.			
<b>Isabellina.</b> Yellow.			
<b>Kermesina Splendens.</b> Crimson.			
<b>Rosea.</b> Pink.			
<b>Scarlet.</b>			
<b>Stellata Lilacina.</b>			
<b>Stellata Splendens.</b> Scarlet with white eye.			
<b>Violet with white eye.</b>			
<b>Violet Blue.</b>	Tr. pkt.	Oz.	
Each of above	¼ oz., 60c	\$0.25	\$2.00
<b>Best large-flowering. Mixed.</b> lb., \$20.00; ¼ oz., 50c		.25	1.50
<b>Gigantea Art Shades mixed.</b>	¼ oz., 50c	.25	1.80
<b>Rosy Morn.</b> A gay and bright color combination of rose pink with a white eye. Somewhat the same color combination as found in the long popular Petunia Rosy Morn	½ oz., 75c	.35	5.00
<b>Salmon Glory.</b> Pure salmon pink with creamy white eye. New	¼ oz., 70c	.30	2.40
<b>Vaughan's Special Mixture.</b> Includes all the grandiflora varieties listed and others	¼ oz., 70c	.25	2.40

## NANA COMPACTA (Dwarf) 6 inch

Dwarf Phlox plants for combination pots are very useful. Grown in pots, they make fine plants for spring sales.

<b>Apricot Yellow.</b>	<b>Mirabilis.</b> Salmon-pink with white eye.	
<b>Chamois.</b> Salmon rose.	<b>Sky-Blue,</b> with eye, fine for edging.	
<b>Cinnabarina.</b> Brilliant red.	<b>Snowball.</b>	
<b>Delicata.</b> Salmon-pink, carmine eye.	<b>Violet-Blue.</b>	
<b>Fireball.</b>	<b>Violet with Eye.</b>	
<b>Flaming Velvet.</b> Deep velvety red.		
<b>Isabellina.</b> Buff-yellow.		
Each of the above	Trade pkt. Oz.	
	¼ oz., 80c	\$0.35 \$2.80
<b>Vaughan's Special Dwarf Mixture.</b>	¼ oz., 90c	.35 3.20

## VAUGHAN'S BEAUTY

This fine strain of large flowering dwarf Phlox is especially recommended for pot culture, combination and border planting. The plants grow about 8 inches high, compact, and very free-blooming.

<b>Alba.</b> White.	<b>Coerulea stellata.</b>
<b>Chamois.</b> Oz., \$4.00.	<b>Delicata.</b> Apricot pink, dark eye. Oz., \$4.00.
<b>Coccinea, Scarlet.</b> Oz., \$4.00.	
Each of the above.	Trade pkt., 35c.
<b>Vaughan's Beauty.</b> Mixed. Trade pkt. 35c; ¼ oz., 90c; oz., \$3.20.	

# Vaughan's Giant Pansies

### GIANT SWISS SEPARATE SORTS

	Trade pkt.	¼ Oz.	Oz.
<b>Swiss Alpenglow.</b> Rich wine-red shades	Trade pkt.	¼ Oz.	Oz.
	½ oz., \$1.00	\$0.50	\$1.75 \$6.00
<b>Swiss Berna.</b> Dark violet-blue	½ oz., \$1.00	.50	1.80 6.00
<b>Swiss Blue (Ullswater. Thuner Sea).</b> The most distinct rich deep ultramarine blue with darker blotches	½ oz., \$1.20	.50	2.25 8.00
<b>Swiss Coronation Gold.</b> Flowers canary-yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges. This is the best pure yellow pansy	½ oz., \$1.50	.75	2.75 10.00
<b>Swiss Luna.</b> Soft sulphur yellow, self without blotches, round substantial flower with frilled edge. A delicate and lovely color, varies	½ oz., \$1.25	.50	2.25
<b>Swiss Pure White.</b> Very free-blooming, large, well shaped flower. The best pure white Pansy	½ oz., \$1.20	.50	2.20 8.00
<b>Swiss Rhinegold.</b> Canary-yellow with dark blotches	½ oz., \$1.00	.50	1.85 7.00

### PANSIES—SEPARATE SORTS

	Trade pkt.	¼ Oz.	Oz.
<b>Adonis.</b> Light blue, white center	\$0.25	\$0.60	\$2.00
<b>Apollo.</b> Bronze	.25	.....	.....
<b>Beaconsfield.</b> Deep purple, upper petals white	.25	.....	.....
<b>Black.</b> Large flowered, true black	.25	.70	2.40
<b>Blue Boy (Early Flowering).</b> Clear, pure silvery lilac	.25	.....	.....
<b>Bugnot.</b> Shades of red, bronze and cardinal	.35	.90	3.20
<b>Cardinal.</b> Brilliant red	.25	.70	2.40
<b>Delft Blue.</b> Porcelain-blue	½ oz., \$1.20	.50	2.20 8.00
<b>Emperor William.</b> Dark navy-blue	.25	.70	.....
<b>Fanal.</b> Scarlet without an eye	½ oz., \$1.20	.35	2.20 8.00
<b>Fire Beacon.</b> Very unusual shade, bright wall-flower red with a touch of orange	½ oz., \$1.25	.50	2.20 8.00
<b>Golden Queen.</b> Yellow without blotches	.25	.65	2.20
<b>Madame Perret.</b> Shades of pink and rose	.25	.60	2.00
<b>Prince Henry.</b> Darkest blue	.25	.70	2.40
<b>Purple.</b> Very large, rich deep purple	.25	.60	2.20
<b>White with Dark Eye.</b> Very large	.25	.60	2.20
<b>White, Pure.</b> Without blotches	.25	.70	2.40
<b>White with Black Eye</b>	.25	.60	2.20



PANSY VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

# PANSIES

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

Each year we make extensive tests of all pansies in our greenhouses in Western Springs. The plants are checked for trueness of color and type and the mixtures for balance of color harmony.

**How to Sow Pansy Seeds.** Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan. To be sure of fine, strong Pansy plants, we suggest the following, applied as a top-dressing by the end of March or early April.

2 parts dried blood. 2 parts steamed bone meal. 1 part potash

## VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from 2½ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early. One of our florist customers writes on March 27, '41.—"Your winter flowering pansies are one of our best paying crops." Trade pkt., \$1.00; ½ oz., \$2.00; ¼ oz., \$3.65.

## VAUGHAN'S STUPENDOUS MIXTURE

Remarkable strain of gigantic proportions for greenhouse culture. The plants are veritable bushes, growing 4 ft. high. Carried on thick stiff stems 18 in. long are enormous flowers 4 to 4½ in. in diameter, and in a complete color range. Included are both multicolor blooms and selfs and among the latter are pure yellow. Pkt., 100 seeds, \$2.50.

### GIANT MIXTURES

## VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, yellows, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; ½ oz., \$1.20; ¼ oz., \$2.20; oz., \$8.00; 2 oz., \$15.00.

## VAUGHAN'S DWARF SUPER SWISS MIXED

Special selection of Geneva Giants of dwarf habit. Rich assortment of colors. Trade pkt., 50c; ½ oz., \$1.20; oz., \$8.00.

## VAUGHAN'S SUPER SWISS GIANT MIXTURE

We have made a special mixture from three or four growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; ½ oz., \$1.50; ¼ oz., \$2.70; ½ oz., \$5.50; oz., \$10.00.

## SWISS DWARF MIXED

For those who desire a dwarfier plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c; ½ oz., \$1.00; ¼ oz., \$1.80; oz., \$6.00.

## VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 50c; ½ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.

## VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain, the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; ½ oz., \$1.75; ¼ oz., \$3.30; oz., \$12.00.

## VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giant, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type. Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00.

## VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; ½ oz. \$1.00; ¼ oz., \$1.80; oz., \$6.00.

## GENEVA GIANT MIXED

**A Special Selection of Swiss Giants.** The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., \$1.00; ½ oz., \$2.50; ¼ oz., \$4.75; oz., \$18.00.

**Geneva Giant Mixed.** Grown from Originator's Stock Seed. A very fine strain. Trade pkt., \$1.00; ½ oz., \$1.40; oz., \$10.00; 4 oz., \$30.00.

**America, Ideal Bedding or Basket Pansy.** Good substance with wide color range. Free-flowering. Trade pkt., 50c; ¼ oz., \$2.00; oz., \$6.40.

**Boulogne Giant Mixture.** The flowers are of large size, great substance. Trade pkt., 50c.

**Engelmann's Special Mixture.** Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; ½ oz., \$1.20; ¼ oz., \$2.25; oz., \$8.00.

**Engelmann's Giant Mixture.** Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; ½ oz., \$1.20; ¼ oz., \$2.25; oz., \$8.00.

**Orchid-Flowered Eldorado Art Shades.** A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. Trade pkt., 35c; ¼ oz., \$1.20; oz., \$4.00.

**Jumbo Mixed.** Extra large and early; long stemmed flowers. Trade pkt., 50c; ½ oz., \$1.00; ¼ oz., \$1.75; ¼ oz., \$3.25; oz., \$12.00.

**Masterpiece—Giant Curled.** The colors are superb, mostly red and brown shades. Trade pkt., 35c; ¼ oz., \$1.25; oz., \$4.00.

**True Scotch Show Mixture.** Fancy mixture in excellent range of colors, including carmine, ruby and brown, all beautifully blotched, with flat substantial flowers. Short habit, large leaves. Trade pkt., 50c; ¼ oz., \$1.80; oz., \$6.00.

# All-Double Petunias

We offer Originator's seed only.

Seed should be sown in Oct. or Nov. in heat 65 to 70°. The seedlings grown in a cool house will make very attractive 4 to 5 in. pot plants for Easter and Mother's Day. Good 4 in. plants may be secured from January sowing for spring sales.

## PETUNIA BLUE BROCADE—ALL DOUBLE

Awarded All-America Silver Medal for 1941. It is a rich, velvety violet-blue, almost 100 per cent double. The flowers are of a uniform color, of good size and pleasing fragrance, late in flowering season, and produced abundantly on dwarf bushy plants about 10 inches high. New and rich color in the giant fringed type. 1/2 Trade pkt., \$1.25; 1 Trade pkt., \$2.00.

3000 seeds for \$5.00 on any combination of varieties of 1000 seed pkts., except Blue Brocade.

**All-Double Amaranth Red.** Red-purple. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00.

**All-Double Appleblossom** (Daintiness). Soft salmon-pink flowers. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00.

**All-Double Dwarf Giant Fringed Pure White** (Snowball). 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50.

**All-Double Dwarf Carmine Glory.** Brilliant carmine flowers (Mammoth Peony-flowered). 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.50; 1/16 oz., \$22.50.

**All-Double Dwarf Giant Fringed Loveliness.** Clear pink. Very double compact habit. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

**All-Double Orchid Beauty.** Dwarf Giant Fringed variety, averaging about 4 in. across on sturdy plants a foot tall. Color orchid or light lilac, heavily veined deeper lilac or violet. Contains semi-doubles but mostly fully double. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

**All-Double Gaiety.** Rose-red and white with beautifully frilled petals. Flowers three and one-half inches across. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.

**All-Double Dwarf Rose-Carmine** (World Beauty). Fringed bright carmine flowers. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/128 oz., \$3.50; 1/64 oz., \$6.50.



PETUNIA ALL-DOUBLE DWARF GIANT

**All-Double Dwarf Giant Fringed Mixed** (Victorious) (Vaughan's Formula Mixture). The flowers are very large, exquisitely ruffled and fringed. Our mixture is made up entirely of separate colors. 500 seeds, \$1.25; 1000 seeds, \$2.00; 3000 seeds, \$5.00; 1/64 oz., \$6.50; 1/32 oz., \$12.50; 1/16 oz., \$23.00.

# SINGLE PETUNIAS

For complete list see Spring Catalog

## GIANT-FLOWERING SINGLE

The flowers in this section measure from 5 to 7 inches across.

### DWARF CALIFORNIA GIANTS IMPROVED (Vaughan Blend)

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. 1/2 Trade pkt., 75c; Trade pkt., \$1.25; 1/64 oz., \$2.25; 1/32 oz., \$4.00; 1/16 oz., \$7.00; 1/8 oz., \$13.00.

**Dwarf California Giants. Dark Selection.** This is a favorite with many growers and it has given universal satisfaction. 1/2 Trade pkt., 60c; Trade pkt., \$1.00; 1/32 oz., \$3.00; 1/16 oz., \$5.60; 1/8 oz., \$10.00.

**Dwarf Giants of California. Ramona Strain, Dark and Light Shades.** A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats. 1/2 Trade pkt., 60c; Trade pkt. \$1.00; 1/64 oz., \$1.75; 1/32 oz., \$2.75; 1/16 oz., \$5.00.

- Camilla.** A beautiful, rose-pink; rich crimson veining Trade pkt. Oz. forms a wide halo toward the center. 1/64 oz., \$1.20 \$0.50
- Copper Red.** Dark throat. 1/64 oz., \$1.25 .50
- German Empress.** Lilac veined purple. 1/64 oz., 1.25 .50
- ★ **Giants of California. Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered. 1/64 oz., \$1.00; 1/32 oz., \$1.80; 1/16 oz., \$3.00 .50
- Salmon Beauty.** (Marylyn). Bright salmon pink. 1/32 oz., \$2.80; 1/64 oz., \$1.50 .75

- GIANT FLOWERING SINGLE—Continued.**
- Supreme Florist strain of Giants of California.** Trade pkt. Oz. A strain of rose and pink shades with large ruffled, shallow, open throated flowers freely produced on strong growing plants... 1/32 oz., \$2.40; 1/16 oz., \$4.70 \$0.50
  - White.** With yellow throat (Evening Star)..... 1/64 oz., \$1.20 .50
  - Ruffled Monsters in Mixture.** 1/8 oz., \$6.00; 1/32 oz., \$1.80; 1/64 oz., 1.00 .50

### LARGE SINGLE FRINGED (Flowers 3 to 4 inches across)

- Columbia.** Pleasingly attractive pink and white. Upright habit, for border work and cut. .... 1/32 oz., \$2.80; 1/64 oz., \$1.50 .50
- Dainty Lady.** Plants need shade to develop the dark cream color of the delicately fringed flowers..... 1/32 oz., \$2.50 .50
- Fluffy Ruffles.** A very choice strain, finely fringed and ruffled mixture. .... 1/32 oz., \$1.25; 1/16 oz., \$2.00 .50
- Golden Jubilee.** Fringed and delicately crinkled petals of bright carmine, tinged with scarlet, with a golden throat..... 1/16 oz., \$5.40; 1/64 oz., \$1.50 .50
- Royal Beauty** (Marine). Rich deep velvety purple. .... 1/64 oz., \$1.40; 1/32 oz., \$2.50 .50
- Theodosia.** Rosy pink with a clearly defined, golden throat..... 1/64 oz., \$1.20 .50
- White Beauty.** White fringed..... .50

### LARGE SINGLE PLAIN EDGED (Flowers 3 to 4 inches across)

- Blue Beauty.** Clear, deep blue. Flowers of extra large size on plants of vigorous growth.... 1/64 oz., \$1.25 .50
- Dwarf Pink Glory.** Compact habit, pure flame rose pink..... 1/32 oz., \$1.80 .50

**PETUNIA Large Flowered Single Plain Edged.—Continued.**

<b>Giant Blue Star.</b> White starred on rich velvety violet blue ground. . . . .	Trade pkt. Oz.		
	\$0.75	....	
<b>Giant Flaming Velvet.</b> Vivid velvety blood-red comes 100% true. . . . .	1/32 oz., \$1.20	.50	....
<b>Dwarf Elk's Pride Reselected.</b> Velvety violet. Customers will find our strain vastly superior to quality usually offered. . . . .	1/64 oz., \$1.00; 1/32 oz., \$1.75; 1/16 oz., \$3.00	.50	....
<b>Purple Robe (Silver Seam).</b> Silver edge blue black. A deep velvety violet, enhanced by a fine silver line, usually appearing at the edge of the flower. . . . .	1/64 oz., \$1.30	.50	....
<b>Snow Storm.</b> Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. . . . .	1/32 oz., \$3.00; 1/64 oz., \$1.75	.75	....
<b>Violet Queen Dwarf.</b> An outstanding strain of large violet. Many growers consider this superior to Dwarf Elk's Pride. . . . .	1/32 oz., \$2.50	.50	....
<b>Vaughan's Best Mixture.</b> Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias, both fringed and plain-edged, and will give the most satisfactory results. . . . .	1/16 oz., \$2.80; 1/32 oz., \$1.50	.50	\$42.00

**LARGE-FLOWERING DWARF (Erfurt Strain)**

<b>Setting Sun.</b> 12 in. Compact. Brilliant rose pink. The very best of its color. . . . .	1/64 oz., \$1.50; 1/32 oz., 2.50	.50	....
<b>White Cloud.</b> 12 in. A great favorite on account of its dwarf compact habit. . . . .	1/32 oz., \$1.50; 1/16 oz., \$2.65	.50	....

**SINGLE SMALL-FLOWERING DWARF SORTS**

<b>Admiral Reselected.</b> The flowers are of good size, have wavy edges and are of clear blue. . . . .	1/32 oz., \$3.00; 1/16 oz., \$5.50	.75	....
<b>Alderman Reselected.</b> Dark violet. . . . .	1/4 oz., 60c	.25	2.20
<b>Betsy Ross.</b> The color is red and white, with the white blending to golden and the red blending to very deep red in the throat. The blooms are 2 1/2 inches in diameter and well ruffled with a good open throat. . . . .		.75	....
<b>Blue Ball.</b> Early flowering velvety violet blue. Dwarf and compact growth. One of the best ever offered. . . . .	1/4 oz., \$1.20	.50	4.00
<b>Blue Bird.</b> Deep violet, extra fine. . . . .	1/4 oz., 60c	.25	2.00
<b>Blue Bird.</b> Light Selection. A fine mid-blue. . . . .	1/4 oz., \$3.00; 1/16 oz., \$1.00	.50	....
<b>Celestial Rose Improved.</b> A great improvement on Rose of Heaven, being more compact in growth and deeper in color. A beautiful rich satiny rose. . . . .	1/4 oz., \$1.25; 1/8 oz., 75c.	.35	4.00
<b>Cream Star.</b> Soft creamy white deepening towards the throat to a bright golden yellow. . . . .	1/8 oz., \$1.00	.50	....
<b>Dwarf Flaming Velvet. (King Henry).</b> Large flowers of rich velvety blood-red. Very free flowering. Compact habit. . . . .	1/4 oz., \$7.50; 1/8 oz., \$4.00; 1/32 oz., \$1.20	.50	....
<b>First Lady.</b> Clear light pink. . . . .	1/32 oz., \$2.00; 1/16 oz., \$3.20; 1/8 oz., \$6.00	.50	....
<b>Glow.</b> Bright carmine-rose with lighter throat. Extremely free-flowering of rich coloring. . . . .	1/32 oz., \$1.00; 1/16 oz., \$1.65; 1/8 oz., \$3.00; 1/4 oz., \$5.50	.50	20.00
<b>Heavenly Blue Reselected.</b> . . . . .	1/4 oz., \$1.40; 1/8 oz., 85c	.50	4.00
<b>Dwarf Howard's Star.</b> White rayed with reddish purple. . . . .	1/4 oz., 90c	.35	3.00
<b>Rose of Heaven Supreme.</b> The best strain on the market. . . . .	1/8 oz., \$2.75; 1/16 oz., \$1.50	.50	....
<b>Rosy Morn Select.</b> Pink with white throat. . . . .	1/4 oz., 75c	.35	2.50
<b>Rosy Morn Improved Dark Selection.</b> Very attractive color, bright, and comes 100% true, deeper in shade than the original. . . . .	1/4 oz., \$1.25	.50	4.00
<b>Salmon Supreme.</b> Distinct light salmon color. Flowers about 1 1/2 in. across with white throat and plain petals. . . . .	1/16 oz., \$1.20; 1/8 oz., \$2.00	.50	....
<b>Topaz Queen.</b> Glowing scarlet rose. . . . .	1/4 oz., \$2.75; 1/8 oz., \$1.50	.50	10.00
<b>White Perfection.</b> Compact in growth with abundance of snow-white flowers. The best small-flowered white. . . . .	1/4 oz., \$1.25	.35	4.00
<b>Vaughan's Special Dwarf Mixture.</b> Small-flowering sorts. . . . .	1/4 oz., 70c	.25	2.40

**Primula**

**Eriksson's Malacoides (Baby Primrose)**

(ORIGINATOR'S SEED)

**Riverside Strain.** Recent improvements in this Baby Primrose class have made them indispensable for Florist's use. September sown seed will produce nice plants for Easter and Mother's Day. This is the newest strain, flowers are larger, stems are heavier; foliage is stiffer, more upright and heavier. Flowers have more substance and last longer. About two weeks later in blooming. This type does not "crop" in and gives a longer period in which to sell plants.

**Glory of Riverside Improved.** A true rose pink, free bloomer with large flowers and robust grower.

**Lilac Beauty.** Pure light lilac, 100% even color when blooming and a delight to work in combinations.

**Riverside Red Rose.** A new introduction, a brilliant red rose of very even color from start to finish.

**White Giant.** New. An exceptionally strong grower, large pure white flowers which may be used in combinations instead of Hyacinths.

Each of the above: 500 seeds, \$1.00; 2,000 seeds, \$3.00; 6,000 seeds, \$8.00.

**New Giant Malacoides**

**Double Fairy Jewels.** The color is a lovely rich rose pink, slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), \$1.50.

**Enchantress.** A beautiful, soft salmon rose. The well rounded, beautifully formed flowers are 1/3 to 1 inch in diameter and produced in unbelievable profusion. A well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), \$1.50.

**Snow Flake.** Has flowers of the purest shimmering snow white one can imagine. Its beautifully formed 1-inch florets adorn the stately stems like glistening jewels sharply high-lighted by the lush green foliage. Trade Packet (about 1,000 seeds), \$1.00.

**Mixture.** Contains the two above single varieties, together with a good many others still in the developmental stage. Among these is a most delightful bicolor pink and white which will be ready for introduction as a separate variety within the next year or two. Trade Packet (about 1,000 seeds), \$1.00.

**Ranunculus**

Sow seed from August to October in cold frame. Trade pkt. Oz. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft.

<b>Vaughan's Super Hybrids Mixed</b> . . . . .	1/4 oz., \$1.40	\$0.50	\$5.00
<b>Double Camellia Flowered.</b> Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in. . . . .	1/4 oz., \$1.25	.50	....
<b>Claremont Hybrid Sunset.</b> Orange . . . . .		.75	6.00
<b>Bonnie Lassie.</b> Pink. . . . .		.75	6.00
<b>Huntsman.</b> Red. . . . .		.75	6.00

**Salvia Splendens**

**America (Globe of Fire).** A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes. . . . .
 1/4 oz., 85c | .50 | 3.00 |

**Clara Bedman (Bonfire).** Erect habit—the old standby, 16-inch. . . . .
 1/4 oz., 65c | .25 | 2.00 |

**Early Harbinger (Fire Brand).** Of uniform type, about 15 inches in height, free and early flowering. . . . .
 1/4 oz., \$1.20 | .50 | 4.00 |

**St. John's Fire.** Blooms very early but remains in perfect condition until frost. Grow only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants. . . . .
 1/8 oz., \$1.50; 500 seeds | .65 | .... |

**Vaughan's Masterpiece.** Extra early, dwarf. . . . .
 1/8 oz., \$1.00 | .75 | 6.00 |

# Sweet Peas Early-Flowering Spencer Novelties



SWEET PEAS EARLY FLOWERING TWILIGHT

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

All our Sweet Pea seed sent to you will be treated with Cuproside (red copper oxide), unless ordered without this treatment. Treating seeds with Cuproside before planting prevents damping off and other diseases.

Sweet Pea seed treated with Cuproside must not be soaked before sowing.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet 10c.

Sweet Peas should be inoculated with Nitragin before planting.

## GENERAL LIST—EARLY-FLOWERING SPENCER

Any of the following, except where noted otherwise,  
 $\frac{1}{2}$  oz., 20c; 1 oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

### BLUE

**Blue Bird.** Violet blue. Fragrant.

**Florist Blue.** Pure blue.

**Iris.** Deep "Iris Blue," with the widespread wings keeping to a bit lighter hue than the standard, which is very broad and quite wavy.

$\frac{1}{2}$  Oz., 25c; Oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

★**Mrs. Herbert Hoover.** Clear blue. Fragrant.

★**Princess Blue.** Rich light blue. Oz., 40c; 4 oz., \$1.20; lb., \$4.00.

★**Tahoe.** Both the wavy standards and ruffled wings have the same delightful shade of mid-blue.

**Top Hat.** Deep purple-blue.

### CREAM

**Oriental.** Deep cream, black seeded large flowers.

**Cavalcade.** A new rich golden cerise. A white ground selection of the popular Sequoia and much brighter in color as it holds to this light base, vigorous grower.  $\frac{1}{2}$  oz., 25c; oz., 40c; 4 oz., 1.25; lb., \$4.00.

**Celestial.** A soft and warm shade of cerise with salmon rose. Under artificial light a pleasing suffusion of coral is noted. Giant flowers on long stems.  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.

**Dawn.** Clowing deep chamois pink. The cream base and lively color make this pea superb under artificial light. The color is laid evenly on both standard and wings which gives a purity of tone greatly admired by all who have seen this novelty.  $\frac{1}{2}$  oz., 70c; oz., \$1.20; 4 oz., \$4.00.

**Evening Star.** Sturdy grower with a heavy stem, holds its buds well even through the dark days of winter. Flower a warm Christmas Red and can be in crop for Christmas and through January. A favorite in the Eastern markets.  $\frac{1}{2}$  oz., 25c; oz., 40c; 4 oz., \$1.25; lb., \$4.00.

**Gardenia.** Fragrant velvety white flowers, ruffled and duplexed. An easily grown white seeded variety; especially well suited for cut flower production.  $\frac{1}{2}$  oz., 25c; oz., 45c; 4 oz., \$1.40; lb., \$4.80.

**Geranium.** Warm colored salmon cerise, the salmon coloring appearing as an overlay upon the clear cerise of both wings and standard.  $\frac{1}{2}$  oz., 70c; oz., \$1.20.

**Hiawatha.** Deep rose self, flowers exceptionally large and bold faced, with a bit of white showing at the base of standard and wings.  $\frac{1}{2}$  oz., 25c; oz., 45c; 4 oz., \$1.40; lb., \$4.80.

**Magic.** Delicate mauve or rosy lavender. Ridgway's chart places this novel color as chinese violet. The flowers are exceedingly large and gracefully duplexed.  $\frac{1}{2}$  oz., 60c; oz., \$1.00.

★**Sequoia.** A rich golden salmon-cerise pea, frilled and wavy. The flowers are enormous, on long stout stems.  $\frac{1}{2}$  oz., 25c; oz., 40c; 4 oz., \$1.25; lb., \$4.00.

**Signal.** A fine new red; the best of its color; more intense color than Pride.  $\frac{1}{2}$  oz., 30c; oz., 50c; 4 oz., \$1.80; lb., \$6.00.

★**Snow Queen.** Pure white, black seeded, opens and retains white color.  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Sterling** is a large duplexed salmon rose with an abundant array of four and five graceful duplexed flowers on strong, heavy stems. Each flower is beautifully formed and of almost a self color, having only a trace of silvery-white in its base. Oz., 50c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.00.

★**Treasure Island.** A sparkling golden orange, very large flowered and semi-duplexed.  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Twilight.** A very vigorous grower. Highly productive. Long stems and extra large flowers are the two outstanding features of this new Pea. Color is a medium clear lavender, very much like Harmony, and will soon supersede Harmony with most growers,  $\frac{1}{2}$  oz., 30c; oz., 50c; 4 oz., \$1.70; lb., \$6.00.

**Vivian Zvolanek.** Clear deep carmine rose, long stemmed.  $\frac{1}{2}$  oz., 25c; 1 oz., 40c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.00.

★**White Champion.** Best early-flowering white seeded white. Exceptionally long stems, carrying usually four flowers each.  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

**Zvolanek's Cascade.** Pure white.  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

### LAVENDER

**Burpee's Lavender.** Lovely light Wisteria lavender.

**Danube.** Large, ruffled blooms of a clear lavender-blue, on long straight stems.

**Fragrance.** Large frilled lavender flowers, fragrant.

★**Harmony.** Most popular lavender, fragrant.

**Memory.** Rosy lavender.

**Michigan.** A mammoth dark, pure lavender.

★**Triumph.** Soft lilac mauve.

**Vogue.** Superseded by Memory.

### MAROON AND PURPLE

**Amethyst.** An early-flowering "Royal Purple." Fragrant.

**Bacchus.** Mammoth flowered duplex on long, firm stems. Rich red maroon.  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Elk's Purple.** Long stemmed reddish purple.

SWEET PEAS EARLY FLOWERING SPENCER—Continued.

**ORANGE**

- ★Ball Orange Improved. 1/2 oz., 20c; oz., 35c; 4 oz., \$1.20; lb., \$4.00.
- Forty-niner. Bright deep orange.
- Valencia. Color bright orange, sunproof.
- Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems.

**ROSE AND PINK**

- American Beauty. A rich crimson rose on white ground.
- ★Ball Rose Improved. Extra rich deep rose.
- ★Bridesmaid. Deep silvery pink with stems unusually long. Delicious. Crushed strawberry color.
- Eileen. Rich Begonia-rose with salmon shading.
- Exposition. Pink. Rich pink.
- Florist Rose. A pure rose-pink.
- Giant Rose. Rose-pink. Fragrant.
- Jeanne Mamitsch. Striking pink, shading off to deepest pink.
- Josie. Brilliant rose-pink, vigorous, large flowers; long stems.
- ★Laddie Improved. An enormous rose-pink. Fragrant.
- Majestic Rose. Immense deep rose-pink flowers on long stems.
- ★Mrs. R. H. Holscher. Rose-pink.
- Peeress. A robust growing; gives a heavy crop of blossoms. Color is pleasing clear rose cerise.
- Pride. Pure cerise, large flowers on long stems.
- Ramona. Coral rose with yellow and pink shadings.
- Shirley Temple. A soft rose-pink. It has long stems.
- Sonnet. Large flowers, a soft pink shade, borne on long stout stems.
- ★Titania. Mammoth flowered deep rose self, with white ground at the base. 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.00.

**SALMON**

- ★Apollo. A soft salmon-cerise. Fine spring bloomer.
- Attraction. Bright salmon-pink.
- ★Boon. Deep salmon-pink on light cream ground.
- Chime. Light salmon-pink on cream ground.
- ★Daphne. A soft salmon-pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards.
- Mrs. Calvin Coolidge. Rich salmon-pink.
- ★Skippy. Light salmon-pink.

**SCARLET**

- G. enadier. A glowing poppy-scarlet.
- Red Bird. Bright crimson red.
- Redwood. A deep, bright rich crimson.
- Vulcan. Vivid scarlet.

**WHITE**

- Ball White. Large flowered, long stemmed, pure white. 1/2 oz., 25c; oz., 40c; 4 oz., \$1.20; lb., \$4.00.
- Burpee's White. Glistening white, sweet scented.
- ★Hope. A mammoth-flowered black-seeded pure white.
- Snowstorm. Superseded by White Champion.
- ★White Harmony. A standard black-seeded white.
- Vaughan's Special Mixture from named sorts. 1/2 oz., 20c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.40.

Each of the above except where noted otherwise. 1/2 oz., 20c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.40.

**SPRING-FLOWERING INTERMEDIATE**

The spring-flowering type gives excellent flowers on long stems when the regular early-flowering types have given out. They also give a much heavier crop of flowers than the standard early flowering type and are highly heat resistant. Seed of the spring-flowering type should be sown from the middle or end of Oct. to Feb. in the greenhouse for flowering in spring and summer.

**STANDARD VARIETIES**

- Blue. Lavender. Rose-Pink.
- Each of the above, 1/2 oz., 40c; oz., 60c; 4 oz., \$1.75; lb., \$6.00.

**NEW VARIETIES**

- Light Lavender. Clear Pink. Mauve.
- Each of the above, 1/2 oz., 40c; oz., 65c; 4 oz., \$2.25; lb., \$8.00.
- Black Seeded White Improved. Outstanding pure white frilled flower. 1/2 oz., 75c; 1 oz., \$1.40; 4 oz., \$5.50.
- Light Blue. Rich light blue. 1/2 oz., 75c; oz., \$1.40; 4 oz., \$5.50.
- Mixed All Colors. 1/2 oz., 40c; oz., 60c; 4 oz., \$1.75; lb., \$6.00.

- SHAMROCK. Sow early. Trade pkt. Oz. lb., \$5.00 \$0.15 \$0.50
- SMILAX. . . . . lb., 6.00 .15 .50
- STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming in a cool house. .15 .80
- STEVIA Serrata. White, fine cut-flower. .25 . . . .
- Lindleyana. White. Is very useful for florist work. . . . . 1/8 oz., \$1.00 .50 . . . .

**STOCKS. SEE OUTSIDE BACK COVER PAGE.**

- STREPTOCARPUS. Large-flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. .1/4 oz., \$2.00 1.00 . . . .
- THUNBERGIA. Mixed. Fine climber for window boxes and hanging baskets. .15 .90
- TORENIA Fournieri. Makes a fine pot plant for Mother's Day sales and very useful for combination baskets. Flowers blue with dark blotches on lip. 12 inch. Grown in southern states instead of pansies. .1/4 oz., 60c .25 2.20
- Geffion. Dwarf, deep blue. .1/8 oz., 70c .35 . . . .
- White Wings. Ivory, tinted rose. .25 . . . .

**VERBENA**

- Gigantea Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Trade pkt. Oz. 1/4 oz., 70c \$0.35 \$2.60
- Alba. Very large, pure white. .1/4 oz., 50c .25 1.80
- Appleblossom. Almost white shading to cameo-pink on the edge. .1/4 oz., 70c .35 2.60
- Brilliant. Rich deep flame rose with medium sized white eye. .1/4 oz., 70c .35 2.60
- Cerise Queen. Salmon cerise. .1/4 oz., 70c .35 2.60
- Crimson Glow. A pure glowing crimson. 1/4 oz., 70c .35 2.60
- Etna. Geranium-red with a small creamy yellow eye. .1/4 oz., 50c .25 1.80
- Floradale Beauty. Large-flowered rose shades with salmon-rose predominating. .1/4 oz., 70c .35 2.60
- Lavender Glory. True lavender with creamy white eye. Fragrant. About 80% true. .1/4 oz., 70c .35 2.60
- Luminosa. Flame-pink, toning to softer shades of salmon flesh and coral. .1/4 oz., 50c .25 1.80
- Lucifer. Red. .1/4 oz., 50c .25 1.80
- Rosea Stellata. Pink, white eye. .1/4 oz., 50c .25 1.80
- Rose Cardinal. Bright red. .1/4 oz., 50c .25 1.80
- Royale. Royal blue with creamy eye. .1/4 oz., 70c .35 2.60
- Spectrum Red. Intense pure bright red. 1/4 oz., 50c .25 1.80
- Sutton's Giant Pink. Salmon pink. 1/4 oz., 50c .25 1.80
- Violacea Stellata. Violet, white eye. .1/4 oz., 50c .25 1.80
- Gigantea. Mixed. .1/4 oz., 40c .25 1.40
- Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large, in many charming colors; 15-18 inch. .1/4 oz., 65c .25 2.40
- Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. 1/4 oz., 75c; 2 oz., \$4.60; .35 2.60

**Dwarf Verbenas**

- These are very much in favor since they make splendid pot plants, growing from 6 to 9 inches high and very compact.
- Fireball. Scarlet. .1/4 oz., 65c .25 2.20
  - White. .1/4 oz., 65c .25 2.20
  - Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and is a most complete mixture. Trade pkt., 35c; 1/4 oz., 80c; oz., \$2.80.

**Vinca Rosea (Periwinkle)**

- This seed should be sown early with bottom heat to secure salable plants in spring. One of the most satisfactory bedding plants. Fresh green foliage and bright flowers all summer. Good cutflower.
- Rosea, Pink. .1/4 oz., 40c \$0.25 \$1.20
  - Fl. Albo Oculata. White with pink eye. 1/4 oz., 40c .25 1.20
  - Alba Pura. Pure white. .1/4 oz., 40c .25 1.20
  - Delicata. Soft pink. .1/4 oz., 40c .25 1.20
  - Kermesina. Bright red, dark green leaves with red stems. .1/4 oz., 40c .25 1.20
  - Mixed. .1/4 oz., 35c .20 1.00

# Hardy Perennial Plants

All Perennials Are Furnished in Strong Pot Plants or One-Year Field Roots, except as noted below.

Five or more of one variety at the ten rate. Twenty-Five or more at the hundred rate. Less than five at double the rate per hundred. Varieties marked X are Rock plants.

	10	100
ACHILLEA Crimson Beauty. Light crimson. 2 ft. June-Sept.	\$1.00	\$8.00
Ptarmica The Pearl. Double white, 1½ ft.	1.00	8.00
ANCHUSA Myosotidiflora. X. Blue. 1 ft. April	1.00	8.00
Italica Dropmore. Blue. 5 ft. June-July	1.00	8.00
ANTHEMIS Tinctoria Perry's Variety.		
Yellow. 2 ft., all summer	1.25	10.00
Tinctoria Moonlight. Pale yellow. 2 ft., all summer	1.25	10.00

## AQUILEGIA (Columbine)

Coerulea. Blue and white. 2 ft. June	1.25	10.00
Crimson Star. Coppery crimson, long spurs, 2½ ft. June	1.50	12.00
Imperial Hybrids. Choice Long Spurred Mixture	1.25	10.00
Mrs. Scott Elliott. Long Spurred Mixture. 2½ ft. June	1.25	10.00

ARABIS Alpina. X. White. 8 in. May	1.00	8.00
ARMERIA Bee's Ruby. X. Deep pink. 18 ins. May-June	1.25	10.00
ARTEMISIA Silver King. Silvery foliage. 3 ft. Valuable as dried flower	1.00	8.00
Lactiflora. Creamy white. 4 ft. Sept.-Oct.	1.00	8.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.	1.25	10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft.	1.00	8.00
ASTER Alpinus. X. Blue. 9 in. May-June	1.00	8.00
Charles Wilson. New. Best red. 2½ ft. September	1.25	10.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct.	1.25	10.00
Hybridus Luteus (Solidago). Small yellow. 2 ft. Sept.	1.50	12.00
Mount Everest. White. 3 ft. Sept.	1.50	12.00
Red Rover. Rosy red. 3 ft. Sept.	1.25	10.00
Snowdrift. White. 3 ft. Sept.	1.25	10.00
Skylands Queen. New. Clear blue. 3 ft. September	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June	1.25	10.00
Wartburg Star. X. Lavender blue. 6 in. May	1.85	15.00
New Dwarf Varieties		
Countess of Dudley. Clear pink. 12 in. Sept.	1.15	9.00
Victor. Lavender blue. 8 in. Sept.	1.15	9.00
Snowsprite. X. White. 6 in. Sept.	1.15	9.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in.	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July	.85	7.00
BOLTONIA Asteroides. White. 5 ft. Aug.	1.15	9.00
Latisquama. Pink. 4 ft. Aug.	1.15	9.00

## CAMPANULA

CAMPANULA Carpatica. Blue. X. 9 in. July-Aug.	1.00	8.00
Carpatica Alba. X. White. 9 in. July-Aug.	1.00	8.00
Glomerata Superba. Purplish blue. 2-3 ft. June-July	1.25	10.00
Lactiflora Coerulea. Pale blue. July. 3 ft.	1.15	9.00
Persicifolia. Blue. 2 ft. June-July	1.00	8.00
Alba. White. 2 ft. June-July	1.00	8.00
Telham Beauty. Blue. 2 ft. June	1.25	10.00
Pyramidalis. Blue. 5-6 ft. Aug.-Sept.	1.25	10.00
Alba. White. 5-6 ft. Aug.-Sept.	1.25	10.00
Rotundifolia. (Blue Bells of Scotland). 1 ft. July-Aug.	1.25	10.00

CARNATION Grenadin. 1 ft. July. Pink, yellow, red and white. These are all selected double.	1.50	12.00
CASSIA Marylandica. Yellow. 4 ft. Aug.	1.00	8.00
CENTAUREA Montana. Blue. 2 ft. July	1.00	8.00
Macrocephala. Yellow. 3 ft. June	1.25	10.00
CHIVES. Herb for seasoning	.90	7.00

## CHRYSANthemum

Chiffon (New). Fringed and lacinated semi-double white flowers on stout stems over a long blooming period. An outstanding novelty	1.85	15.00
Giant Double. Selected strain. 2½ ft. All summer	1.50	12.00
Hartje and Elder. White. ½ ft. Earliest to bloom	1.00	8.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.	1.00	8.00
Supreme. Large white. One of the best. 2 ft. July-Aug.	1.25	10.00
Uliginosum. White. 3 ft. Sept.	1.25	10.00
CHRYSOBOLTONIA Pulcherrima. New hybrid daisy. Pale pink. 1½ ft. Sept.	1.00	8.00
CLEMATIS Recta Grandiflora. White. 2 ft. June-July	1.25	10.00
COREOPSIS Lanceolata. Yellow. 2 ft. June-Aug.	.85	7.00
Grandiflora fl. pl. Double yellow. 2½ ft. June-Aug.	1.50	12.00

## DELPHINIUM (Perennial Larkspur)

DELPHINIUM Belladonna Improved. Light blue. 4 ft. All summer	1.00	8.00
Bellamosum Improved. Sparkling blue. 4 ft. All summer	1.00	8.00
Indigo. (True blue.) Indigo blue. 4 ft.	1.00	8.00
Lamartine. Deep blue. 4 ft. July-Oct.	1.25	10.00
Pacific Hybrids. (Vetterle and Reinelt.) World's best Delphinium. Blue Shades, 5 ft. All summer	1.85	15.00
White	1.85	15.00
Pacific Hybrids. Following named sorts in field grown plants.		
Galahad. Clear white	2.25	18.00
Guinevere. Lavender pink	2.25	18.00
Summer Skies. Light blue	2.25	18.00

	10	100
DIANTHUS		
Atro-coccineus fl. pl. X. Deep scarlet. 1 ft. All summer	\$1.00	\$8.00
Barbatus (Sweet William)		
Albus. White. 1 ft.	1.00	8.00
Johnson's Giant Mixed. 1 ft. June-July	1.00	9.00
Pink Beauty. 1 ft. June-July	1.15	9.00
Scarlet Beauty. Scarlet. 1 ft. June-July	1.00	8.00
Vaughan's Special Mixed	.85	7.00
Allwoodi Alpinus. X. Mixed. 1 ft. May-June	1.25	10.00
Beatrix. X. Salmon pink. Double. 10 in. All summer	1.50	12.00
Caesius. Rose. 4 inch. June-July	1.00	8.00
Crimson King. Crimson. Very double. 2 ft. All summer	1.50	12.00
Cyclops. Dark rose. 9 in. June-July	1.00	8.00
Neglectus Rose Cushion. X. 4 in. Deep pink. June	1.25	10.00
Spring Beauty. X. Double Grass Pink. 12 in. July	1.25	10.00
Vaughan's Special Mixture. X. Plumaris types	1.00	8.00

DICENTRA Spectabilis (Bleeding Heart)	2.50	20.00
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July	1.25	10.00
Albus. White. 3 ft. June-July	1.25	10.00
DIGITALIS Grandiflora. (Ambigua.) Yellow. 2½ ft. June	1.00	8.00
DODECALTHEON Meadia. X. Rose. 8 in. May-June	1.00	8.00
ECHINACEA Purpurea. (Coneflower). Purple. 4 ft.	1.00	8.00
ECHINOPSIS Ritro. Steel-blue. 4 ft. July-Aug.	1.20	9.00
EREMURUS. (Foxtail Lily). Majestic flower spikes 5 to 8 ft. in May		
Bungei. Golden yellow	Each, \$0.75	6.00 50.00
Himalaicus. White	Each, .75	6.00 50.00
ERIGERON Amos Perry. X. Large blue daisy. 1 ft. All summer	1.50	12.00
Speciosus. Lavender blue. 1½ ft. July	1.25	10.00
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct.	1.00	8.00
EUPHORBIA Polychroma. Yellow. 1 ft. April	1.25	10.00
FOXGLOVE, See DIGITALIS.		

FUNKIA Coerulea Lanceolata. Mauve. 1½ ft. July	1.00	8.00
Fortuna Robusta. White. 2 ft. July	2.25	18.00
Japonica Aurea Marginata. Mauve. 1 ft. July	1.50	12.00
Subcordata Grandiflora. X. 1½ ft. White. August	2.25	18.00
Undulata Variegata	1.25	10.00
GAILLARDIA Bremen. Coppery scarlet tipped yellow. 2 ft.	1.15	9.00
Burgundy. Wine-red. 2 ft. All summer	1.25	10.00
New Hybrids. Mixed colors. 2 ft. All summer	.85	7.00
GEUM, Lady Stratheden. X. Golden. 1½ ft. All summer	1.25	10.00
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer	1.25	10.00
Orange Queen. X. Double orange scarlet. 2 ft. All summer	1.25	10.00
GRASS, Eulalia Japonica Variegata. 2 ft.	1.00	8.00
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. 3 in pots	1.50	12.50
Bodgeri. X. Double white. 1 ft. All summer	1.50	12.00
Oldhamiana. White tinted pink	1.25	10.00
Pacifica. Single pink. 4 ft. July	1.25	10.00
Renschleier (Rosy Veil). Double pink. 2 ft. All summer	1.50	12.00
Paniculata. White. 3 ft. June-July	.85	7.00
Repens. X. White. 4 in. All summer	1.00	8.00

HELLEBORUS Niger. X. (Christmas Rose.) White. 10 in. Dec.-Feb.	5.50	
HELENIUM Riverton Beauty. Gold. 4 ft. Sept.-Oct.	1.25	10.00
Moerheim Beauty. New. Early blooming bronze. 2½ ft. July-August	1.85	15.00
Autumnale Rubrum. Reddish bronze. 3 ft. Aug.	1.00	8.00
HELIANTHUS Multiflorus Plenus. (Dahlia Flowered Sunflower.) Deep yellow. 4 ft. Aug.-Sept.	1.25	10.00
HELIOPSIS Double Lemoine. Orange. 2½ ft. All summer. Excellent cut flower	1.25	10.00

## HEMEROCALLIS (Yellow Day Lily)

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June	.85	6.00
Dr. Regel. Rich orange-yellow. 1½ ft. May-June	.85	6.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug.	.85	6.00
Thunbergi. Golden yellow. 3 ft. July	1.00	8.00

## NEW HYBRID HEMEROCALLIS

Calypso. Pale lemon. July-Aug.	Each, \$0.25	2.00 16.00
Cinnabar. Bronzy red suffused gold. June	Each, .40	3.75 32.00
Hyperion. Vigorous citron-yellow. July-Aug.	Each, .40	3.75 30.00
Margaret Perry. Scarlet orange, suffused yellow. July	Each, .70	6.00 50.00
Mikado. Orange, maroon blotches. June	Each, .60	5.00 40.00
Queen of May. Apricot orange. 2½ ft. June	Each, .40	3.50 30.00
Sir Michael Foster. Large clear gold. June-July	Each, .35	3.00 25.00
THE GEM. Medium golden flowers. June-July	.25	2.00 15.00



# Hardy Perennial Plants

	10	100
HIBISCUS (Mallow Marvels). Red, White or Pink. 5 ft. ....	\$1.00	\$ 8.00
HOSTA, see FUNKIA.		
IBERIS (Candytuft) Sempervirens. X. White. 8 in. ....	1.25	10.00
LATHYRUS Latifolius. Red or Pink. 3 ft. July. ....	1.25	10.00
LAVENDULA Vera. Lavender. 18 in. All summer. ....	1.50	12.00
LIATRIS Pycnostachya. Purple. 4 ft. July-Aug. ....	1.25	10.00
September Glory. New. Rosy purple. 4 ft. Sept. ....	1.85	15.00
Spicata Pumila. Dwarf, light purple. 2 ft. Sept. ....	1.85	15.00
LINUM Perenne. X. Blue. 1½ ft. May-Aug. ....	1.00	8.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug. ....	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug. ....	1.00	8.00
MATRICARIA Capensis Fl. Pl. White. 2 ft. June. ....	1.00	8.00
MERTENSIA Virginica. X. Light blue. 1½ ft. April-May. ....	.85	7.00
MINT. Useful herb. Spearmint flavor. ....	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug. ....	1.25	10.00
MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in. ....	1.00	8.00
NEPETA Mussini. X. Blue. 6 in. July-Sept. ....	1.15	9.00
PACHYSANDRA Terminalis. X. White. 3 in. May. ....	.80	6.50
Rooted runners of Pachysandra. .... per 1000	\$55.00	....
PAPAVER Oriental (Beauty of Livermore). Dark red. 3 ft. May-June. ....	1.50	12.00
Jeannie Mawson. Geranium pink. 3 ft. May-June. ....	1.50	12.00
Joyce. Cherry red. 3 ft. May-June. ....	1.50	12.00
Mrs. Perry. Pink. 3 ft. May-June. ....	1.25	10.00
Olympia. Double orange scarlet. 3 ft. May-June. ....	1.50	12.00
Perry's White. Satiny white, dark center blotch. 3 ft. June. ....	3.25	25.00
Princess Ena. Coral pink. 2½ ft. June. ....	1.50	12.00
Royal Scarlet. 3 ft. May-June. ....	1.15	9.00
PENSTEMON Garnet. Rich red. 1½ ft. All summer. ....	2.50	18.00
PHYSALIS Franchetti. (Chinese Lantern.) Orange. 2 ft. Oct. ....	1.00	8.00
PHYSOSTEGIA Vivid. X. Bright pink. 2 ft. Aug.-Sept. ....	1.25	10.00
PLATYCODON Grandiflora Blue. 2 ft. All summer. ....	.85	7.00
Alba. White. 2 ft. All summer. ....	.85	7.00
PLUMBAGO Larpentae. X. Peacock Blue. 9 in. All summer. ....	1.25	10.00
POLEMONIUM Coeruleum. X. Blue. 1 ft. June. ....	1.00	8.00
POTERIUM Obtusum. 3 ft. Crimson catkins on graceful stems. ....	1.25	10.00
PRIMULA Veris (Hardy Primrose). X. Mixed colors. 6 in. April-May. ....	1.50	12.00
Excelsior Strain. X. Mixed large flowering. 6 in. April-May. ....	1.50	12.00
Veris Kleynii. X. Large deep yellow. 8 in. April-May. ....	1.50	12.00
Veris Munstead Strain. X. Light yellow. 6 in. April-May. ....	1.50	12.00
Auricula. X. Mixed colors. 6 in. April-May. ....	1.85	15.00
PYRETHRUM Roseum. James Kelway. Red. 2 ft. May-June. ....	1.25	10.00
Robinson's Crimson. New. Large dark red. 2 ft. May-June. ....	1.25	10.00
Roseum, Hybrid Mixture. 2 ft. May-June. ....	.85	7.00
Uliginosum. White. 3 ft. Aug.-Sept. ....	1.00	8.00
RANUNCULUS Acris Fl. Pl. Yellow. 2 ft. April-May. ....	1.25	10.00
ROSA Rouletti. X. Miniature bush. Rose pink. 8 in. All summer. ....	1.85	15.00
RUDBECKIA Laciniata Fl. Pl. (Golden Glow.) July-Aug. ....	1.00	8.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept. ....	1.00	8.00
Officinalis. Sage for seasoning. ....	1.25	10.00
Pitcheri. Deep blue. 4 ft. Aug.-Sept. ....	1.25	10.00
SAPONARIA Ocyroides. X. Pink. 4 in. All summer. ....	1.25	10.00
SCABIOSA Caucasia Perfecta. Light blue. 18 in. June-Oct. ....	1.25	10.00

## SEDUM

SEDUM Acre. X. (Golden Moss). Yellow. 2 in. May-July. ....	1.00	8.00
Album. X. White. 2 in. May-July. ....	1.00	8.00
Sexangulare. X. Yellow. 3 in. June-July. ....	1.00	8.00
Sieboldi. X. Pink, silvery foliage. 4 in. Aug.-Sept. ....	1.25	10.00
Specabile. Pink. 1½ ft. Aug.-Sept. ....	1.00	8.00
Spurium. X. Pink flowers, red foliage. 6 in. July-Aug. ....	1.00	8.00

SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. X. Yellow. 1 ft. June. ....	1.00	8.00
Tectorum. X. Red. 6 in. ....	1.00	8.00
SHASTA DAISY. See Chrysanthemum maximum. ....	....	....
SIDALCEA Hybrids. Pink. 2 ft. June-July. ....	1.25	10.00
SILENE Schafta. X. Bright pink. 6 in. July. ....	1.00	8.00
SPIRAEA Filipendula Hexapetala. Cream. 2 ft. June. ....	1.00	8.00
Ulmara fl. pl. White. 2 ft. July. ....	1.85	15.00
STATICE Latifolia. (Sea Lavender) Blue. 2 ft. Aug.-Sept. ....	.85	7.00
3 year clumps. ....	1.15	9.00
STOKESIA Cyanea. Sky-blue. 1 ft. Aug.-Sept. ....	1.00	8.00
Blue Moon. New. Light blue. 1½ ft. All summer. ....	2.25	18.00

	10	100
TARRAGON, TRUE (Artemesia Dracunculus).....	\$1.50	\$12.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage.		
1 ft. June-July. ....	1.25	10.00
Dipterocarpum. X. Rosy purple. 4 ft. Aug.-Sept. ....	1.50	12.00
Glaucum. Bronze-yellow. 2 ft. June. ....	1.00	8.00
THYMUS Citriodorus. X. (Lemon scented) Pink. 2 in. July-Aug. ....	1.00	8.00
Serpyllum Coccineus. X. Red. 2 in. June-July. ....	1.00	8.00
Lanuginosus. X. (Woolly Thyme.) Rose. 2 in. June-July. ....	1.25	10.00
TRADESCANTIA Heavenly Blue. Light blue. 2 ft. May-Aug. ....	1.50	12.00
Leonora. Dark blue. 2 ft. May-Aug. ....	1.50	12.00
Virginica. The original type. ....	1.00	8.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June. ....	.85	7.00
TRITOMA Pfitzeri. Red and yellow. 3 ft. Aug.-Oct. ....	1.25	10.00
TROLLIUS Golden Queen. Light orange. 3 ft. Spring and Fall. ....	1.85	15.00
Gold Quelle. Deep orange. 3 ft. June-July. ....	1.85	15.00
New Hybrids. Orange and yellow shades. 2 ft. May-July. ....	1.50	12.00
TUNICA Saxifraga Fl. Pl. Pink Ball. Double light pink. ....	1.50	12.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug. ....	1.50	12.00

## VERONICA (Speedwell)

VERONICA Incana. Blue, silvery foliage. 18 in. June. ....	1.25	10.00
Longifolia Subsessilis. Deep blue. 2 ft. July-Aug. ....	1.50	12.00
Rupestris. X. Blue. 5 in. June. ....	1.25	10.00
Spicata. Blue. 2 ft. Aug. ....	1.00	8.00
Spicata Rosea. Pink. 2 ft. July-August. ....	1.00	8.00
VINCA Minor. (Grave Myrtle.) X. Blue. 6 in. Pot plants. ....	.85	6.50
Field grown. .... Per 1000, \$35.00	.75	5.00
Bowles Variety. X. Improved type, free flowering. Blue. 6 in. Spring and Fall. ....	1.25	10.00
VIOLET Florence. X. Fragrant single white, faint purple veining. 6 in. Spring. ....	1.50	12.00
Frey's Fragrant. X. Single purple. 6 in. May. ....	1.25	10.00
Prince of Wales. X. Single, purple-violet. 6 in. May. ....	1.25	10.00
Rosina. X. Pink, sweet scented. 4 in. April-May. ....	1.50	12.00
YUCCA Filamentosa. 2 yr. White. 6 ft. July. ....	1.00	7.00
3 year clumps. ....	1.25	9.00

## HARDY PHLOX (Phlox Decussata)

Africa. Carmine red with darker eye. ....	\$1.25	\$10.00
Augusta (Patented.) Brilliant cherry-red. ....	2.50	18.00
B. Comte. Amaranth purple. ....	1.25	10.00
Border Queen. Dwarf, watermelon pink. ....	1.50	12.00
Bridesmaid. White, bright red eye. ....	1.15	9.00
Champs Elysees. Fine dark purple. ....	1.25	10.00
Columbia. (Patented.) Cameo pink, faint blue eye. ....	1.90	12.00
Daily Sketch. New. Immense salmon-pink, crimson eye. ....	1.50	12.00
E. Farrington. New. Soft salmon-pink, with lighter eye. ....	1.25	10.00
Europa. White, faint red eye. ....	1.25	10.00
Enchantress. Bright salmon-pink. ....	1.25	10.00
Flora Reidy. White. Medium height. ....	1.25	10.00
Graf Zeppelin. Snow-white, deep red eye. ....	1.25	10.00
Harvest Fire. New. Glowing flame scarlet. ....	1.85	15.00
Leo Schlageter. New. Flame or orange scarlet. ....	1.85	15.00
Lillian. Cameo pink, lighter center. ....	1.25	10.00
Miss Lingard (Suffruticosa). Earliest to bloom. White. ....	1.50	12.00
Miss Verbloom. Lavender pink Lingard. ....	1.50	12.00
Miss Von Lassberg. Tall white. ....	1.25	10.00
Obergartner Wittig. Lilac rose. ....	1.25	10.00
Painted Lady. Soft silvery pink, dark red eye. ....	1.25	10.00
Salmon Queen. A true large salmon-pink. ....	1.50	12.00
Starlight. Light purple, white center. ....	1.25	10.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best. ....	1.00	8.00
Von Hochberg. Deep blood-red. ....	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock. ....	.85	7.00

## Dwarf or Alpine Phlox

Amoena. Rosy lilac blooms. May-June. ....	1.00	8.00
Divaricata Canadensis. X. Lavender blue. 10 in. April-May. ....	1.25	10.00
Dixie Brilliant (Nivalis Sylvestris). X. New Giant Hardy Thrift. Rosy red. 1 in. diameter. ....	3.00	25.00
Subulata Alba. White. 4 in. April-May. ....	.85	7.00
Atropurpurea. Reddish purple. Compact. 4 in. Apr.-May. ....	1.25	10.00
Brittoni. X. Dwarf white. 4 in. April-May. ....	1.25	10.00
Mrs. G. F. Wilson. Lavender, 4 in. April-May. ....	1.25	10.00
Rosea. Rose-pink. 4 in. April-May. ....	.85	7.00
Pink Cushion. X. Compact, free flowering form. 3 in. ....	1.25	10.00
Vivid. X. Dark salmon pink. 3 in. Spring. ....	1.50	12.00

# Greenhouse Plant Department

## CALADIUMS—Vaughan's

### Special Fancy-Leaved

Choice dormant bulbs for January and February delivery. Large variety named sorts. This is one of the most decorative plants for greenhouse growing, window boxes or show plants. Rich, ornamental leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red.

Our mixture of named sorts is probably the best to be had. We have graded them especially for good size bulbs of the finest varieties.



FANCY-LEAVED CALADIUM

We find an increasing demand for caladiums; pot plants sell readily from early spring until late summer.

Rainbow Mixed.....	Doz.	100	1,000
Named Varieties. Our selection.....	\$2.00	\$12.00	\$100.00
Named. Your selection of varieties.....	2.00	13.00	110.00
Unusual and rare varieties. All named.....	2.25	14.00	120.00
	2.75	16.00	140.00

## AFRICAN VIOLETS

<b>Saint Paulia</b>	Doz.	100	
Blue Boy. 2 1/4 inch.....	\$2.00	\$12.00	
Blue Boy. 3 inch.....	4.50	30.00	

## ASPARAGUS PLUMOSUS NANUS

Seedlings.....	Per 1,000,	\$10.00	Dozen	Per 100
2 1/4-inch.....	Per 1,000,	55.00	\$0.85	6.00

## ASPARAGUS SPRENGERI

Seedlings.....	Per 1,000,	\$ 8.00	Dozen	Per 100
2 1/4-inch.....	Per 1,000,	50.00	\$0.75	5.50

## AZALEAS

Coral Bells, Hexe, Pink Pearl, Salmon Beauty, Mme. Pricat, Hinodigeri, Snow and other varieties. 4 inch to 7 inch pots. Also grafted Indica Azaleas in all standard forcing varieties, 8 inch up to 18 inch heads.

Write for prices. Plants available October to December.

## BEDDING PLANTS FOR SPRING

<b>Ageratum Augusta.</b> Tall-blue variety for cut flowers.	100	1,000
Rooted Cuttings.....	\$2.00	\$15.00
2 1/4 inch.....	6.00	55.00
<b>Ageratum Cardinal Mundelein.</b> Deep blue. Dwarf, bushy.	2.00	15.00
Rooted Cuttings.....	6.00	55.00
2 1/4 inch.....		
<b>Ageratum Riverside.</b> Dwarf, large head of bloom.	2.00	15.00
Rooted Cuttings.....	6.00	55.00
2 1/4 inch.....		
<b>Heliotrope Centefleur.</b> Free blooming, dark purple.	7.00	60.00
2 1/4 inch.....		
<b>Lantanas.</b> All the best named varieties.	6.00	55.00
2 1/4 inch.....		
<b>Verbena.</b> Beauty of Oxford, Helen Wilmot, Mayflower, Scarlet and other named varieties.	2.25	18.00
Rooted Cuttings.....	6.00	55.00
2 1/4 inch.....		
<b>Vinca Variegata.</b>	2.00	15.00
Rooted Cuttings.....	5.00	45.00
2 1/4 inch.....		

## BEGONIA

<b>Carmen.</b> Bronze foliage, pink flowers, 2 1/4-inch.....	\$6.00	\$55.00
<b>Christmas Cheer Red or Pink.</b> 2 1/4-inch.....	6.00	55.00
<b>Luminosa.</b> 2 1/4-inch.....	6.00	55.00
<b>Marjorie Gibbs.</b> 2 1/4-inch. Write For Prices.		

## CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids. 100 1,000  
 Vaughan's Choice Hybrid Mixture. 2 1/4-inch..... \$ 8.00 \$ 75.00  
 Rosacker's New Varieties, also Pink Beauty, Stewartii, Brilliancy, 2 1/4-inch..... 16.00 150.00

**CARNATIONS** { Write for our special list of Rooted Cuttings. Standard and New varieties.

## CHRYSANTHEMUMS

Write for special list of Rooted Cuttings. New varieties and standard varieties, also those recommended for shading.

## CINERARIAS

<b>Cremer's Prize Mixture.</b> 2 1/4-inch.....	100	1,000
	\$6.00	\$55.00

## DISH GARDEN PLANTS

Write for special list of succulents, cacti and small plants at \$3.00 to \$25.00 per 100.

## CYCLAMEN

<b>Bright Red, New Salmon Rose, G'ory of Wandsbeck, the famous Binnewies strain.</b> Clean, healthy stock.	Doz.	100
4-inch.....	\$ 6.00	\$ 40.00
5-inch.....	10.00	75.00
6-inch.....	14.00	100.00

(2 1/4-inch Cyclamen available after Apr. 1st.) Write for prices.

## FERNS—BOSTON

	Each	100
2 1/4-inch.....	per 1,000,	\$75.00
4 -inch.....	\$0.35	30.00
5 -inch.....	.50	45.00
6 -inch.....	.75	65.00
7 -inch.....	.95	85.00
8 -inch.....	\$1.25 to 1.50	

**TABLE FERNS.** Assorted varieties. 2 1/4-inch..... 7.00  
 Assorted varieties. Seedlings, 100, \$2.25; 1,000, \$20.00

## GERANIUMS

We are constantly in touch with Geranium Specialists. All stock offered is 2 1/4 inch or its equivalent.

	100	1000
<b>Elaine (New).</b> Light salmon pink. Strong grower.		
Rooted Cuttings.....	\$ 7.00	\$ 65.00
2 1/4 inch.....	13.00	110.00
<b>Fiat.</b> Salmon pink. Dwarf but prolific bloomer.....	7.00	65.00
<b>Fiat Queen (New).</b> An improved Fiat with frilled and serrated blossoms. Distinctive and great sales possibilities. 10 for \$3.00.....	25.00	
<b>Lady Jane.</b> Semi dwarf, deep cherry red, good bloomer.....	6.50	60.00
<b>Laurel (New).</b> Sport of Wyona with double rose lavender blooms. Entirely new and attractive variety. 10 for \$3.00.....	25.00	
<b>Mme. Buchner.</b> Double white.....	6.00	55.00
<b>Mme. Landry.</b> Salmon pink with darker shading.....	6.00	55.00
<b>Mme. Sallerol.</b> Variegated leaves.....	5.50	50.00
<b>Radio Red.</b> Popular and well liked. Bright blood red.....	6.00	55.00
<b>Wyona.</b> Large substantial blooms and growth. Vivid light red.....	6.00	55.00

## HYDRANGEAS FOR FORCING

Strong stock ready in November and December. All pot-grown plants. For Easter and Spring flowering. The following varieties and many others.

	4-inch each	5-inch each	6-inch each	7-inch each
<b>E. Moulliere, White.....</b>	\$0.30	\$0.40	\$0.60	\$0.75
<b>Gertrude Glahn, Dark Rose.....</b>	.30	.40	.60	.75
<b>M. Foch, Early Deep Carmine.....</b>	.30	.40	.60	.75
<b>Neidersachsen, for bluing.....</b>	.30	.40	.60	.75
<b>Deutschland, Salmon pink.....</b>	.30	.40	.60	.75
<b>Europa, Early salmon pink.....</b>	.35	.45	.70	.85
<b>Hamburg, Early, Carmine.....</b>	.35	.45	.70	.85
<b>Merveille, Light red.....</b>	.35	.45	.70	.85
<b>Kunert, Early, Rose pink.....</b>	.35	.45	.70	.85

Add 5 cents each for less than five of any one variety.

## DECORATIVE PLANTS

Lack of space prohibits listing of Palms, Cibotiums, Draceanas, and other Decorative Plants but we can supply excellent stock and will quote promptly on your requirements.

	10	100
<b>Helxine Soleirolii.</b> (Baby Tears). 3 inch.....	\$1.75	\$15.00
<b>Ivy Hahns Self Branching.</b> 2 1/4 inch.....	.75	6.00
4 inch.....	4.00	35.00
<b>Merion Beauty.</b> (Miniature). 2 1/4 inch.....	1.20	10.00
3 inch.....	1.70	15.00
<b>Peperomia Variegata.</b> 2 1/4 inch.....	1.20	10.00
3 inch.....	2.75	20.00
<b>Philodendron.</b> 2 1/4 inch.....	1.20	10.00
3 inch.....	1.70	15.00
<b>Pathos Aureus.</b> 2 1/4 inch.....	1.20	10.00
<b>Sansevieria Laurenti.</b> Golden edge. 3 inch.....	3.00	25.00
4 inch.....	6.00	50.00
<b>Vitis Rhombifolia.</b> (Grape Ivy). 2 1/4 inch.....	.90	7.00

## PELARGONIUMS

**Easter Greeting, Edith North, Gardener's Joy, Lucy Becker, Mrs. Loyal, Swabian Maid, Princess, Pride of Quedlinburg, Wurtembergia.**  
 Prices on other varieties quoted upon request.

	Dozen	100	1,000
Rooted Cuttings.....	\$1.00	\$ 7.00	\$65.00
2-inch.....	1.25	9.00	85.00
3-inch.....	1.65	12.00	110.00

## PRIMULAS

<b>PRIMULA.</b> Obconcia. 2 1/4-inch.....	6.00	55.00
<b>PRIMULA.</b> Malacoides. 2 1/4-inch.....	6.00	55.00

## SNAPDRAGONS

<b>Standard Winter Blooming Varieties.</b>	100	1,000
2 1/4 inch.....	\$5.00	\$45.00

Prices are F. O. B. Western Springs, Ill., where we ship by American Railway Express and C. B. & Q. R. R.

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

Soft plants are not shipped to distant points by freight.

Billing—6 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.

Packing will be charged on all orders at cost.

# Hardy German Iris



RED DOMINION

## Special Offer

### New Giant Flowering Irises

5 each of Blue Triumph, Cheerio, Ethelwyn Dubuar, Gudrun, Happy Days, Jean Cayeux, No-We-Ta, Pres. Pilkington, Red Dominion, Sensation, Sir Michael, and The Black Douglas, 60 Irises (value \$7.75) for \$5.75.

There is no comparison between these new beauties and the old obsolete varieties. Plant out a good collection and sell the flowers on Decoration Day and the rhizomes in July, Aug. and Sept. You will be surprised at the demand you will have for them.

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow....	Each	10	100
Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.....	\$0.15	\$1.00	\$8.00
Baldwin. 40 in. Gigantic flowers of manganese violet.....	.15	1.00	8.00
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster.....	.15	1.20	10.00
Blue Triumph. 42 in. Very large flowers of heavy substance, considered the best light blue Iris yet introduced.....	.15	1.20	10.00
Buechly Giant. 40 in. Clear lavender-blue bicolor of perfect form and sensational size.....	.15	1.00	8.00
California Gold. 36 in. A super novelty with magnificent, large flowers of dazzling, deep golden yellow....	.20	1.75	.....
Cheerio. 40 in. Considered the most brilliant of all red Irises. "S" tan flushed rose; "F" rich glowing red....	.25	2.00	18.00
Cinnabar. 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape....	.10	.75	5.00
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow.....	.10	.80	6.00
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen.....	.35	3.00	.....
Corrida. 30 in. Small flowers of exquisite pure blue. Ideal for cutting and for table decoration.....	.....	.50	3.00
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well-branched stalks.....	.12	1.00	8.00
Dauntless. 40 in. A brilliant rose-red self with flaring falls that appear darker because of their velvety quality.....	.15	1.20	10.00
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris....	.15	1.20	10.00
Dolly Madison. 38 in. "S" mauvette, yellow at base; "F" lilac tinged old gold. Very fine large flowers....	.10	.80	6.00
El Capitan. 40 in. Huge light violet-blue flowers....	.15	1.20	10.00
E. B. Williamson. 36 in. Rich, glowing coppery-red with a silky sheen. Very unusual and extra fine....	1.25	.....	.....
Ethelwyn Dubuar. Very fine large flowers of deep pink with delightful ruffling. Decidedly bigger and better than any other in its color class.....	.15	1.20	10.00
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.....	.15	1.00	8.00
Golden Treasure. 38 in. Exquisite creamy-yellow with golden heart. Huge flowers; very floriferous.....	.70	.....	.....
Gold Imperial. 33 in. Chrome yellow throughout except for conspicuous orange beard.....	.....	.75	5.00
Gudrun. 36 in. Enormous, well shaped flowers of lovely pure white, dusted with soft gold at the throat.....	.20	1.50	10.00
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk....	.20	1.50	12.00
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.....	.15	1.00	7.00
Indian Hills. 37 in. A stunning Iris of rich wine purple.....	.40	.....	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.....	.20	1.50	12.00
Junaluska. 40 in. "S" rosy copper threaded with gold; "F" brilliant copper-red. Huge flowers of perfect form.....	.40	.....	.....
King Tut. 34 in. A brilliant red-brown bicolor.....	.10	.80	6.00
Lord of June. "S" floppy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.....	.....	.50	3.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue.....	.15	1.20	10.00
Marquita. Enormous flowers of luminous ivory yellow; falls heavily veined maroon. Very beautiful.....	.30	2.50	.....
Midwest Gem. 36 in. Immense ruffled flowers of luminous apricot, flushed pink, on strong branching stalks.....	.75	.....	.....
Missouri. 36 in. Clear vivid blue of sensational size....	.35	3.00	.....
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.....	.10	.80	6.00
Morocco Rose. 38 in. "S" lustrous pale pink; "F" deep rosalene pink, long and flaring. A beautiful creation.....	.90	.....	.....
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" deep velvety crimson brown.....	.10	.80	6.00
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled....	.15	1.00	8.00
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink.....	.15	1.20	10.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	.25	1.80	16.00

Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced.....	Each	10	100
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice.....	\$0.15	\$1.20	\$10.00
Princess Beatrice. Silvery lavender.....	.10	.75	5.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention.....	.15	1.00	8.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red.....	.15	1.20	10.00
Selene. Extra large white, a real giant. Never fails to bloom. Very fragrant; early.....	.10	.80	6.00
Seacrest. Six large wavy white petals with a deep blue haft.....	.25	1.30	15.00
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.....	.15	1.20	10.00
Sir Michael. 48 in. Considered the finest blue bi-color. "S" opalescent lavender-blue; "F" velvety-purple....	.15	1.00	8.00
Snowking. 40 in. Giant snow-white flowers. Vigorous.....	.60	5.00	.....
The Black Douglas. 38 in. "S" dark violet; "F" blackish violet. A richly colored Iris of good form.....	.15	1.20	10.00
The Red Douglas. 40 in. Sensational new vibrant red-purple of colossal size, gorgeously rich in color. The experts agree it's one of finest of all Irises.....	1.00	9.00	.....
Valor. 52 in. Velvety blackish violet-blue bi-color of huge size and perfect shape on very tall stems.....	.10	.80	6.00
Wabash. 39 in. Dykes Medal 1940. "S" snowy white; "F" deep hyacinth-violet with white edge. The Iris experts agree it is the best Iris in commerce....	1.00	.....	.....
War Eagle. 40 in. "S" light red-purple; "F" reddish-purple with black shadings. In effect, deep red....	.15	1.00	7.00
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet.....	.15	1.20	10.00

Named Varieties, Labeled, at Bargain Prices. We have a large collection of these in shades of blue, lavender, purple, orchid, pink, yellow, bronze or red. 5 of one variety supplied at 10 rate; 25 of one variety at 100 rate; 250 at the 1000 rate. 10, 50c; 100, \$3.00; 1000, \$25.00.

### FALL BLOOMING IRIS

These varieties bloom in the Spring with the Early-flowering varieties and have a habit of blooming again in the Autumn.

Autumn King. 30 in. A large blue-purple bicolor.....	Each	10	100
Autumn Queen. A white companion to the Autumn King.....	.....	\$0.80	\$ 6.00
Eleanor Roosevelt. 28 in. Deep velvety purple self....	.15	1.00	8.00
Jean Siret. 15 in. A dwarf yellow that blooms for a long time in both spring and fall and often in midsummer too.....	.15	1.00	8.00
Lieutenant de Chavegnac. 15 in. Deep red-violet with same habits as Jean Siret.....	.15	1.20	10.00
Southland. 28 in. Clear chrome yellow of good size....	.15	1.20	10.00
Ultra. 14 in. A beautiful ultramarine blue bicolor.....	.10	.80	.....

### VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	.15	1.25	.....
Dorothea K. Williamson. A beautiful beardless Iris with large velvety flowers of vivid purple.....	.20	1.50	.....
Lord Wolsely. 40 in. Large blue-purple flowers.....	.20	1.50	.....
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	.15	1.20	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.....	.....	.50	3.00
Dixmude. "S" aniline blue; "F" rich purple.....	.10	.60	5.00
Orange Queen. Clear deep yellow.....	.80	6.00	.....
Spring Skies. Lovely light blue, very beautiful shade.....	.60	4.00	.....
SIBIRICA. Butterfly. Lovely porcelain blue.....	.60	4.00	.....
Emperor. Large flowers of deep violet-blue.....	.50	3.00	.....
Geo. Wallace. (Azure Blue) "F" marked white.....	.50	3.00	.....
Orientalis. Rich, deep purple.....	.60	4.00	.....
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue....	.50	3.00	.....
Mixed.....	.50	3.00	.....
VERSCOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	.15	1.00	8.00

### JAPANESE IRIS (Kaempferi)

Gold Bound. White with gold banded center. Double. Early.....	.25	1.80	16.00
Kumochi-Guma. A very full double of dark purplish indigo.....	.25	1.80	16.00
Mahogany. Velvety mahogany red. Double.....	.25	2.25	20.00
Momigi-No-Taki. Variegated rosy carmine. Double....	.25	2.25	20.00

# Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

## WHITE AND LIGHT SORTS

	Each	10	100
8.8 <b>Alsace Lorraine.</b> Creamy white, center tinted Havana brown. Very beautiful form; late midseason. . . . .	\$0.30	\$2.00	\$15.00
8.7 <b>Avalanche.</b> A magnificent flower which opens like a rose. Pure snow-white, with a few pencillings of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety. . . . .	.25	1.75	15.00
9.0 <b>Baroness Schroeder.</b> Immense flowers of great substance with high chalice-shaped center. Opens a delicate flesh-white, sometimes a soft baby-pink, changing to creamy white. One of our best cut flower varieties and an excellent keeper in storage. . . . .	.30	2.50	20.00
8.1 <b>Couronne d' Or.</b> Snow-white with golden stamens. Late. . . . .	.20	1.75	15.00
8.1 <b>Duchess de Nemours.</b> Superb, cup-shaped, sulphur-white flowers with a greenish reflex that lights up the entire flower. Early, free bloomer; fragrant. Good commercial variety. . . . .	.25	1.75	15.00
9.3 <b>Festiva Maxima.</b> Very popular large white. Early. . . . .	.25	2.00	17.50
9.1 <b>Frances Willard.</b> Exquisite bluish-white, of good substance and a fine cut flower variety. . . . .	.30	2.50	20.00
8.9 <b>Jubilee.</b> Very large ivory-white; early. . . . .	.30	2.50	20.00
9.8 <b>Kelway's Glorious.</b> Cream white; midseason. . . . .	.90	7.50	.....
8.6 <b>La Lorraine.</b> Enormous blooms of creamy-white, overlaid with soft pink. Good showy variety. . . . .	.75	5.00	.....
8.3 <b>La Rosiere.</b> White with cream-white center; semi-double; midseason. . . . .	.30	2.50	15.00
9.9 <b>LeCygne.</b> The highest rated white. . . . .	1.25	.....	.....
7.9 <b>Mad. de Verneville.</b> One of the most fragrant of all Peonies. Flowers are very full and double, pure white, with center delicately tinted blush. An extra free and reliable bloomer. Early. . . . .	.20	1.50	12.00
9.4 <b>Mme. Jules Dessert.</b> White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason. . . . .	.40	3.00	25.00
8.3 <b>Mons. Dupont.</b> Large ivory-white; fragrant; midseason. . . . .	.30	2.00	15.00
8.8 <b>Nymphæa.</b> Semi-double flowers of delicate creamy white. Yellow stamens. . . . .	.40	3.00	25.00
8.6 <b>Primevere.</b> Sulphur-yellow. Bomb type; very fragrant; midseason. . . . .	.50	4.50	.....
9.7 <b>Solange.</b> Deep cream, tinged with amber. Late. . . . .	.50	3.50	30.00
9.4 <b>Tourangelle.</b> Pearl-white overlaid with delicate shades of salmon. Late. . . . .	.40	3.50	.....

## LIGHT AND DARK PINK AND ROSE

7.6 <b>Edulis Superba.</b> Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. One of the best of all Peonies for cut flowers in its color and season; very fragrant. . . . .	.20	1.50	12.00
9.1 <b>Edwin C. Shaw.</b> Rose-pink; fragrant. Late midseason. . . . .	.60	5.00	.....
8.8 <b>E. G. Hill.</b> Carmine rose; early midseason. . . . .	.20	1.75	15.00
7.9 <b>Georgiana Shaylor.</b> Pale rose-pink; midseason. . . . .	.35	3.00	25.00
9.1 <b>Hansina Brand.</b> Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower. . . . .	1.50	.....	.....
7.9 <b>Jeanne d' Arc.</b> Soft pink, intermingled with petals of bright pink and sulphur-yellow. . . . .	.20	1.20	10.00
9.1 <b>Lady A. Duff.</b> Enormous pale pink; midseason. . . . .	.30	2.00	18.00
9.0 <b>La France.</b> Soft appleblossom-pink; late midseason. . . . .	.50	4.00	30.00
7.5 <b>La Tulipe.</b> Delicate pink, outer petals striped with red tulip markings; midseason; fragrant. . . . .	.20	1.50	12.00
8.8 <b>Loveliness.</b> Large flat rose-type flowers of hydrangea-pink. Late; fragrant. . . . .	.40	3.00	25.00
7.9 <b>Mad. Ducl.</b> The color and form of this variety are almost identical with those of the popular Mons. Jules Elie, but the size of the bloom is smaller and there are more of them. A fine midseason variety for cutting. . . . .	.25	1.75	15.00
9.1 <b>Martha Bullock.</b> Immense cupped shape flowers of bright old-rose pink that are often 9 to 12 inches in diameter, on tall, stout stems. Very beautiful; fragrant; late. Good cut-flower variety. . . . .	.40	3.50	.....
9.0 <b>Milton Hill.</b> Delicate lilac-pink. Rose type; late. . . . .	.40	3.50	30.00
9.2 <b>Mons. Jules Elie.</b> By many considered the most beautiful of all Peonies. Enormous full flowers, resembling a Chrysanthemum; color a glistening satiny pink, overlaid with a sheen of silver. Very fragrant; early. Good cold storage variety. . . . .	.35	3.00	25.00
9.1 <b>Myrtle Gentry.</b> Immense flowers of wonderful substance; pink-tinted flesh and salmon; fragrant. . . . .	1.25	10.00	.....
8.5 <b>Octavie Demay.</b> Delicate hydrangea-pink. Dwarf. Early. . . . .	.25	2.00	15.00
8.7 <b>President Taft.</b> See Reine Hortense.			
8.7 <b>Reine Hortense (President Taft).</b> One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes. . . . .	.35	2.50	20.00
9.0 <b>Sarah Bernhardt.</b> One of the best pink Peonies in the world. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson. Fine cut flower and storage variety; late midseason. . . . .	.35	2.50	20.00
7.8 <b>Souvenir de Francois Ruitton.</b> Bright cherry pink. . . . .	.30	2.50	.....
9.1 <b>Souvenir de Louis Bigot.</b> Large blooms of brilliant rose, turning salmon-pink. Midseason. . . . .	0.40	3.50	30.00



FELIX CROUSSE



JAPANESE PEONY

LIGHT AND DARK PINK AND ROSE—Continued		Each	10	100
9.8 <b>Therese.</b> Immense, flat blooms of violet rose changing to lilac-white; early midseason. . . . .	\$5.00	\$4.00	\$35.00	
8.3 <b>Venus.</b> Delicate shell-pink. Crown type; midseason. . . . .	.25	2.00	17.50	
9.3 <b>Walter Faxon.</b> Bright delicate rose. . . . .	.50	3.50	30.00	

## RED AND CRIMSON

8.4 <b>Felix Crousse.</b> Large globular blooms of rich, even, brilliant, dazzling ruby-red; late midseason. Good cut flower and storage variety. . . . .	.25	1.75	15.00
8.2 <b>Grover Cleveland.</b> Rich dark crimson; late. . . . .	.25	2.00	15.00
8.8 <b>Karl Rosefeld.</b> Very large flower, globular, semi-rose type. Extremely vigorous grower; tall, early. . . . .	.25	2.00	15.00
7.8 <b>Lord Kitchener.</b> Brilliant cherry-red; early midseason. . . . .	.30	2.00	15.00
9.0 <b>Longfellow.</b> Bright crimson. Semi-rose type; tall; late midseason. . . . .	.40	3.00	25.00
7.5 <b>Mareschal Valliant (Grandiflora Rubra).</b> Light red, resembling the American Beauty Rose. Late. . . . .	.20	1.50	12.00
8.7 <b>Mary Brand.</b> Vivid crimson of immense size; full double; a free bloomer and a strong grower; delightful fragrance; midseason. . . . .	.40	3.00	25.00
8.8 <b>Mons. Martin Cahuzac.</b> Dark purple-garnet with black reflex. . . . .	.60	5.00	.....
8.6 <b>Officialis Rubra Plena.</b> Old-fashioned early red usually in bloom by Decoration Day. . . . .	.40	3.50	30.00
9.2 <b>Philippe Rivoire.</b> Perfectly formed flowers of very dark crimson; velvety sheen; fragrant; late. . . . .	1.00	9.00	.....
8.8 <b>Richard Carvel.</b> Large globular flowers of uniform bright crimson. Tall annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually in bloom for Decoration Day. . . . .	.35	2.50	20.00
<b>Tenuifolia Flora Plena. (Double Fern-leaf Peony.)</b> Brilliant dark crimson. Very early. . . . .	1.25	10.00	.....

## JAPANESE-FLOWERED PEONIES

9.2 <b>Ama-No-Sode.</b> Bright rose, shading lighter toward the edge of the petals; considered the best pink. . . . .	1.00	9.00	.....
9.2 <b>Fuyajo.</b> Rich dark maroon guards. . . . .	.60	5.00	.....
8.2 <b>Gold Mine.</b> Petals deep rose; deep gold center. . . . .	.30	2.00	15.00
9.3 <b>Isani Gidui.</b> Large pure white with buff-yellow center. Spectacular and very beautiful. . . . .	1.50	.....	.....
8.6 <b>Mikado.</b> Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold. . . . .	.40	3.00	.....
<b>Ruigequo.</b> Clear red with golden petaloids. . . . .	.40	3.50	.....
8.0 <b>Torpilleur.</b> Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. . . . .	.30	2.00	17.50

## SINGLE PEONIES

Unusually fine for Landscape Work

7.6 <b>Clio.</b> Large cup-shaped single pink. Center a mass of golden yellow stamens. Pond lily fragrance. . . . .	.30	2.00	15.00
<b>Fusyama.</b> Soft-colored flesh-pink. . . . .	.25	2.00	15.00
8.4 <b>La Fiancee.</b> Pure white. . . . .	.35	3.00	25.00
<b>Nymphé.</b> Large flowers of bright flesh pink, golden stamens. . . . .	.30	2.50	20.00
<b>Othello.</b> Clear carmine, changing to deep rose. . . . .	.40	3.50	.....
7.3 <b>Veloutine.</b> Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex. . . . .	.25	2.00	15.00

## TREE PEONIES

2-year old grafted planted in 5-inch pots

<b>Lactea.</b> Pure white, blotched carmine. . . . .	1.90	.....	.....
<b>Reine Elizabeth.</b> Very large, bright salmon-pink. . . . .	1.90	.....	.....
<b>Souv. De Maxine Cornu.</b> Enormous flowers, 8 inches or more across, with wrinkled petals of deep yellow, heavily shaded orange; fragrant. . . . .	4.00	.....	.....
<b>Souv. De Ducher.</b> Large, globular blooms of bright reddish violet with silvery reflex. . . . .	2.25	.....	.....

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

	Each	10	100
<b>Double Pink.</b> . . . . .	\$0.15	\$1.00	\$ 8.00
<b>Double White.</b> . . . . .	.15	1.20	9.00
<b>Double Red.</b> . . . . .	.20	1.50	10.00
<b>Double Mixed.</b> . . . . .	.15	1.00	6.00

## PEONIES IN CASE LOTS

For several years we have sold specially packed cases. These cases contain 75 double pink, 75 double red and 50 double white, each color separate—200 roots in all, 3 to 5 eye divisions. Price per case, \$16.00. We cannot divide cases.

# Vaughan's Roses for Florists



JOANNA HILL

## Hybrid Tea Roses

Prices of the following, except where noted. Each, 45c; 10, \$4.00; 100, \$38.00.

**Etoile D'Hollande.** A brilliant dark red rose of form; very fragrant.

**E. G. Hill.** Long, perfectly formed buds and full double flowers of dazzling scarlet.

**Editor McFarland.** Clear brilliant pink on long cutting stems. Extra fine variety. Good grower.

**Golden Dawn.** Very double, fragrant flowers of soft lemon-yellow. Fine garden variety.

**Gruss An Teplitz.** Brilliant red. One of the most prolific bloomers of all.

**Hinrich Gaede.** Long, pointed, nasturtium-red buds and big double blooms of rich luminous vermilion shaded golden yellow. Each, 50c; 10, \$4.50; 100, \$40.00.

**Joanna Hill.** A creamy yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous.

**McGredy's Scarlet.** Large flowers of brilliant rose-red with scarlet sheen. Long stems.

**Mme. Joseph Perraud.** Long, slender, pointed buds which open to sweetly fragrant flowers of a charming nasturtium-buff, flushed pink at the margins. Each, 60c; 10, \$5.00.

**Mme. Jules Bouche.** Very popular garden variety, always in bloom. White sometimes lightly tinted pink. Fragrant.

**Mrs. Charles Bell.** (Shell-Pink Radiance). Beautiful salmon-shell-pink. Has all the excellent qualities of Radiance.

**Mrs. E. P. Thom.** Fine long buds opening into perfectly shaped flowers of rich lemon-yellow.

**Mrs. Pierre S. Du Pont.** Reddish gold buds opening into unfolding deep golden yellow flowers. Fragrant, always in bloom.

**President Herbert Hoover.** A lovely blending of orange-yellow, flame, vivid rose-pink and scarlet.

**Radiance.** Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular.

**Red Radiance.** A bright, cheerful and even shade of pure red; size, foliage, growth and habit same as in the parent "Radiance"

**Southport.** Fine flowers of exceedingly brilliant scarlet, unaffected by the weather. Very showy. Each, 50c; 10, \$4.50.

**Talisman.** A remarkable blending of gold, apricot, yellow, deep pink and old rose.

## Hybrid Tea Roses For Forcing

As Polyantha Roses are scarce this year, we would suggest you try forcing the Hybrid Tea varieties. Many Florists have found that the public prefers these, as they like a Rose to plant in the garden.

For complete list of Hybrid Tea and New Patented Roses, ask for our Spring Book for Florists, ready in December.

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements.

PRICES listed are for two-year No. 1, field grown, dormant plants.

Five or more of one variety take the 10 rate; 25 or more of one variety take the 100 rate.

All prices are F. O. B., Western Springs, Ill., packing charges to be added at cost. Subject to change without notice.

## FORCING ROSES Polyantha and Baby Roses

PRICES of the following, Forcing Grade. Each 45c; 10, \$4.00; 100, \$38.00.

**Cameo.** (New.) Shell-pink and salmon with a glow of gold. Large sprays in continuous succession.

**Coral Cup.** Fine new variety of a very pleasing shade of coral-pink.

**Gloria Mundi.** New Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

**Golden Salmon.** Bright orange-salmon flowers in huge clusters. Blooms continuously.

**Ideal.** Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

**Mrs. R. M. Finch.** Double soft rosy-pink flowers, two inches in diameter.

## New Patented Roses

These "Patented Plants" are being handled under license from the patent owners. They are for resale at retail only at the established retail prices.

**Blaze. Cl.** (Patent No. 10.) A new hardy climbing rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. Each, 60c; 10, \$5.50; 100, \$50.00.

**Betty Prior.** Floribunda (Pat. No. 340.) Exquisite single pink blooms, in large clusters. Each, 50c; 10, \$4.50; 100, \$40.00.

**Crimson Glory.** (Patent No. 104.) Large urn-shaped buds and well formed flowers of vivid crimson shaded ox-blood red. Vigorous branching growth. Each, 75c; 10, \$7.00; 100, \$60.00.

**Doubloons. Cl.** Setigera Hyb. (Patent No. 152.) A vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is covered with large, double rich golden buff blooms, fading but little; fragrant. Gives two liberal crops six weeks apart if the first spring blossoms have not been cut. Each, 60c; 10, \$5.50; 100, \$50.00.



POLYANTHA FORCING ROSE



PATENTED ROSE BLAZE

## NEW PATENTED ROSES—Continued

**Eclipse.** (Patent No. 172.) Internationally famous Rose of new form. The long streamlined buds are of rich gold without shading. Petals are large and tough, averaging 20 to 25 with more in autumn. Comes with slogan "It Eclipses 'em All." Each, 60c; 10, \$5.50; 100, \$50.00.

**Hercules. Cl.** (Patent No. 296.) A Rosa setigera Hybrid of great hardiness. Huge flowers, 5 to 6 inches across of clear deep rose-pink that will equal the finest Hybrid Tea Rose. Flowers abundantly. Attractive rich bronzy green leaves. Each, \$1.40; 10, \$12.50; 100, \$100.00.

**Rochester.** Floribunda (Patent No. 131.) Produces a continuous mass of beautiful flowers. Full double blooms, creamy yellow, tinted with the colors of an Oriental pearl. Foliage heavy and disease resistant; growth vigorous; hardy. Each, 50c; 10, \$4.50; 100, \$40.00.

**Signora.** (Patent No. 201.) This rose is a real masterpiece. Long bud of a warm burnt sienna opening to a lighter hue toward mandarin. Has handsome foliage and long stems for cutting. Each, 60c; 10, \$5.50; 100, \$50.00.

**Sterling.** (Patent No. 21.) Beautiful clear pink flowers with orange base; bud pointed and very lasting when cut. It is a vigorous grower, has disease-resistant foliage and blooms very freely. Each, 60c; 10, \$5.50; 100, \$50.00.

**The New Dawn. Cl.** (Patent No. 1.) A sport from Dr. Van Fleet, identical in size, color, etc., but blooms continuously summer and fall. Each, \$1.00; 10, \$9.00; 100, \$75.00.

**World's Fair.** Floribunda. (Patent No. 362.) Large clusters of velvety, black-scarlet flowers, nearly 4 inches across, with 18 to 20 petals. Blooms continuously; fragrant. Luxuriant foliage. Each, 60c; 10, \$5.50; 100, \$50.00.

## Hardy Hybrid Perpetual Roses

PRICES of the following, 2-year, No. 1. Each, 45c; 10, \$4.00; 100, \$38.00.

**Frau Karl Druschki.** (White American Beauty). The best white.

**Mrs. John Laing.** Bright shining pink.

**Ulrich Brunner.** Cherry crimson.

## Climbing Roses

PRICES, except where noted. Each, 45c; 10, \$4.00; 100, \$35.00.

**Bonfire.** Best red rambler. Many heavy trusses of small double crimson-scarlet blooms.

**Dorothy Perkins.** The best of the pink rambleres. Each, 40c; 10, \$3.50; 100, \$30.00.

**Excelsa.** (Red Dorothy Perkins). Large full trusses of light crimson flowers. Each, 40c; 10, \$3.50; 100, \$30.00.

**Paul's Scarlet Climber.** Large, well-shaped flowers of a vivid scarlet-red that does not fade.

# Ornamental and Flowering Shrubs

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

Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

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

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 25 plants of one kind supplied at 100 rate.



PHILADELPHUS Grandiflorus

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	\$0.30	\$2.00	\$18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
ALMOND. See Prunus glandulosa.			
AMELANCHIER Canadensis (Shadblow) 2 to 3 ft.	.40	3.50	...
AMORPHA Fruiticosa. 3 to 4 ft.	.30	2.25	20.00
4 to 5 ft.	.35	3.00	25.00
ARALIA Spinosa (Devil's Walkingstick). 3 to 4 ft.	.45	3.50	...
4 to 5 ft.	.50	4.00	...
5 to 6 ft.	.60	5.00	...
ARONIA Arbutifolia. 18 to 24 in.	.35	3.00	25.00
2 to 3 ft.	.40	3.50	...
Melanocarpa Nigra. 3 to 4 ft.	.40	3.00	27.50
4 to 5 ft.	.50	3.50	30.00
AZALEA Mollis. (Chinese Azalea). 9 to 12 in., B. & B.	1.00	9.00	...
12 to 15 in., B. & B.	1.25	11.50	...
15 to 18 in., B. & B.	1.90	17.50	...
18 to 24 in., B. & B.	2.25	20.00	...
BERBERIS (Barberry)			
Koreana (Korean Barberry). Beautiful new variety, growing 6 ft. tall. Good foliage, richly colored in autumn. Bright red berries which persist over the winter. 18 to 24 in.	.40	3.00	25.00
2 to 3 ft.	.50	4.00	30.00
3 to 4 ft.	.60	5.00	35.00
Mentorensis. (Patent No. 99.) (New Evergreen Barberry.) 15 to 18 in.	.40	2.75	20.00
18 to 24 in.	.50	3.35	25.00
Thunbergii. 15 to 18 in.	.15	1.25	10.00
18 to 24 in.	.25	1.75	14.00
24 to 30 in.	.30	2.50	18.00
Thunbergii Atropurpurea. 15 to 18 in.	.25	2.00	17.50
18 to 24 in.	.35	3.00	25.00
Thunbergii Pluriflora Erecta (Truehedge Columnberry). (Patent No. 110.) 15 to 18 in.	.25	1.70	14.00
18 to 24 in.	.30	2.00	16.00
Prices on Berberis Mentorensis and Berberis Pluriflora Erecta are f. o. b., Painesville, Ohio.			
CORNUS Alba Sibirica (Coral Dogwood). 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.50	18.00
4 to 5 ft.	.35	3.00	20.00
Amomum (Silky Dogwood). 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.25	20.00
5 to 6 ft.	.35	3.00	25.00
Mas (Cornelian Cherry). 2 to 3 ft.	.50	4.50	...
3 to 4 ft.	.75	6.50	...
4 to 5 ft.	1.00	9.00	...
Paniculata. 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.45	3.50	27.50
Sanguinea (Bloodtwig Dogwood). 2 to 3 ft.	.25	2.00	15.00
3 to 4 ft.	.30	2.50	18.00
Stolonifera Flaviramea. (Goldentwig Dogwood).			
2 to 3 ft.	.25	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.

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

	Each	10	100
COTONEASTER Acutifolia. 2 to 3 ft.	\$0.30	\$ 2.75	\$25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	...
Divaricata. 3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
Racemiflora Spongaria. 3 to 4 ft.	.60	5.00	...
3 to 4 ft., B. & B.	1.00	9.00	...
4 to 5 ft.	.75	6.00	...
4 to 5 ft., B. & B.	1.25	10.00	...
CRAB, See Malus, page 32.			
CRATAEGUS. See page 32.			
CYDONIA Japonica. 18 to 24 in.	.25	2.00	16.00
24 to 30 in.	.35	3.00	25.00
DAPHNE Cneorum. 10 to 13 in., B. & B., bushy forcing grade, f. o. b. Ohio.	.75	7.00	60.00
9 to 12 in., B. & B.	.75	7.00	60.00
ELAEAGNUS Angustifolia. 3 to 4 ft.	.35	3.00	...
4 to 5 ft.	.40	3.50	...
5 to 6 ft.	.60	5.00	...
Umbellata (Autumn E.). 5 to 6 ft.	.60	5.00	...
6 to 8 ft.	.90	7.50	...
ELSHOLTZIA Stauntoni. (Heathermint). 18 to 24 in.	.40	3.50	...
EUONYMUS Alatus (Burning Bush). 2 to 3 ft.	.75	6.50	...
3 to 4 ft.	1.00	9.00	...
Alatus Compacta. 18 to 24 in.	.75	6.50	...
24 to 30 in.	.90	...	...
2 1/2 to 3 ft.	1.25	11.00	...
3 to 3 1/2 ft.	1.50	...	...
5 ft. specimens	5.00	...	...
Europaeus. (European Burning Bush). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	24.00
4 to 5 ft.	.45	3.50	28.00
5 to 6 ft.	.50	4.00	35.00
EUONYMUS			
Radicans Colorata. (Bronze Winter Creeper). Foliage bright red during the winter months. 12 to 15 in.	.25	2.00	18.00
15 to 18 in.	.30	2.50	20.00
18 to 24 in.	.35	3.00	22.50
2 to 3 ft.	.40	3.50	25.00
Radicans Vegetus. (Bigleaf Winter Creeper). A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in fall. 12 to 15 in.	.40	3.50	30.00
15 to 18 in.	.50	4.50	40.00
15 to 18 in., B. & B.	.90	8.50	...
18 to 24 in.	.75	6.50	...
18 to 24 in., B. & B.	1.25	10.00	...
24 to 30 in., B. & B.	1.40	12.50	...
FORSYTHIA Intermedia. 2 to 3 ft.	.25	1.80	14.00
3 to 4 ft.	.30	2.00	16.00
4 to 5 ft.	.35	2.25	18.00
5 to 6 ft.	.40	3.00	20.00
Intermedia Spectabilis. 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
Ovata. 2 to 3 ft.	.50	4.50	...
Suspensa (Weeping F.). 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
Suspensa Fortunei. 2 to 3 ft.	.25	1.80	14.00
3 to 4 ft.	.30	2.00	18.00
4 to 5 ft.	.30	2.50	22.50
5 to 6 ft.	.35	3.00	25.00
HYDRANGEA Arborescens Grandiflora.			
18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.35	3.00	25.00
Paniculata Grandiflora. 18 to 24 in.	.30	2.50	22.50
2 to 3 ft.	.35	3.00	27.50
KOLKOWITZIA Amabilis. 2 to 3 ft.	.60	5.00	...
3 to 4 ft.	.75	6.50	...
LIGUSTRUM Amurense. (Armoor Privet, North).			
18 to 24 in., heavy cut-back	1.00	8.00	...
2 to 3 ft., heavy cut-back	1.50	12.00	...
3 to 4 ft., heavy cut-back	1.75	15.00	...
4 to 5 ft., heavy cut-back	2.50	20.00	...
Ibodium. 18 to 24 in., heavy cut-back	1.00	8.00	...
2 to 3 ft., heavy cut-back	1.50	12.00	...
3 to 4 ft., heavy cut-back	1.75	15.00	...
4 to 5 ft., heavy cut-back	2.50	18.00	...
Ibota. 18 to 24 in., heavy	1.00	8.00	...
2 to 3 ft., heavy	1.50	12.00	...
3 to 4 ft., heavy	2.00	17.50	...
Ibota Regelianum. 18 to 24 in.	.30	2.50	20.00
2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	...

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ORNAMENTAL SHRUBS—Continued.			
LIGUSTRUM—Continued.			
	Each	10	100
Chinese Elm Hedging—See <i>Ulmus Pumila</i> under Trees, page 32.			
LILAC, See <i>Syringa</i> .			
LONICERA (Bush Honeysuckle).			
<i>Bella Albida</i> . 3 to 4 ft.	\$0.30	\$2.25	\$20.00
4 to 5 ft.	.35	2.50	22.50
5 to 6 ft.	.40	3.00	25.00
<i>Demissa</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
<i>Fragrantissima</i> (Winter Honeysuckle). 18 to 24 in.	.25	1.80	15.00
2 to 3 ft.	.30	2.00	18.00
<i>Korolkowi Floribunda</i> . 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
<i>Maacki Podocarpa</i> . (Late Honeysuckle). 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	5.00	40.00
<i>Ruprechtiana</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
<i>Tatarica Alba</i> . 2 to 3 ft.	.20	1.75	15.00
3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.50	4.00	35.00
<i>Tatarica Rosea</i> . 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.25	20.00
4 to 5 ft.	.35	2.50	22.50
5 to 6 ft.	.50	4.00	22.50
<i>Tatarica Rubra</i> . 3 to 4 ft.	.30	2.50	22.50
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.50	4.50	40.00
MAHONIA <i>Aquifolium</i> . (Oregon Hollygrape).			
12 to 15 in., B. & B.	.90	7.50	75.00
15 to 18 in., B. & B.	1.00	9.00	90.00
18 to 24 in., B. & B.	1.40	12.50	125.00
PHILADELPHUS <i>Avalanche</i> ( <i>Syringa</i> ). 2 to 3 ft.			
3 to 4 ft.	.30	2.50	20.00
<i>Bouquet Blanc</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
<i>Coronarius</i> . 3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	2.50	20.00
<i>Favorite</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.50	25.00
<i>Grandiflorus</i> . 3 to 4 ft.	.25	2.00	16.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	2.50	20.00
<i>Lemoinei</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00
<i>Norma</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
4 to 5 ft.	.50	4.00	30.00
<i>Ophelia</i> . 3 to 4 ft.	.40	3.00	25.00
<i>Virginal</i> . 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
5 to 6 ft.	.60	4.50	40.00
PHYSCARPUS <i>Monogynus</i> . (Dwarf Ninebark).			
2 to 3 ft.	.30	2.50	20.00
<i>Opulifolius</i> . (Common Ninebark).			
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
<i>Opulifolius Aureus</i> . (Goldenleaf Ninebark). 3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
POTENTILLA <i>Fruticosa</i> . 18 to 24 in.			
2 to 3 ft.	.30	2.50	20.00
	.40	3.50	30.00
PRUNUS <i>Glandulosa</i> (Flowering Almond).			
<i>Albiplena</i> (Double White). 2 to 3 ft.	.50	4.50	45.00
3 to 4 ft.	.60	5.00	50.00
<i>Sinensis</i> (Double Pink). 2 to 3 ft., own roots.	.45	4.00	35.00
3 to 4 ft., own roots.	.50	4.50	40.00
<i>Triloba</i> . See Trees, page 32.			
RHAMNUS <i>Cathartica</i> (Buckthorn). 3 to 4 ft.			
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.00	25.00
<i>Frangula</i> . 3 to 4 ft.	.30	2.00	18.00
RHODOTYPOS <i>Kerrioides</i> . 18 to 24 in.			
2 to 3 ft.	.25	2.25	20.00
3 to 4 ft.	.30	2.50	22.50
4 to 5 ft.	.35	3.00	27.50
RHUS <i>Canadensis</i> . 18 to 24 in.			
2 to 3 ft.	.30	2.50	20.00
	.40	3.50	30.00
ROSA			
<i>Hugonis</i> . 2-year.	.40	3.00	27.50
3-year.	.50	4.00	35.00
<i>Multiflora Japonica</i> . 3-year.	.30	2.00	17.50
<i>Rugosa Belle Poitevine</i> . 3-year.	.35	2.75	25.00
<i>Hansa</i> . 2-year.	.30	2.50	20.00
3-year.	.35	2.75	25.00
<i>Rugosa Pink Grootendorst</i> . 2-year.	.35	3.00	25.00
<i>Rugosa Rubra</i> . 2-year.	.30	2.50	20.00
<i>Setigera</i> (Prairie Rose). 2-year.	.25	2.00	18.00
<i>Spinosa Altica</i> . 2-year.	.30	2.50	20.00
SALIX <i>Discolor</i> (Pussy Willow). 3 to 4 ft.			
4 to 5 ft.	.35	3.00	25.00
5 to 6 ft.	.40	3.50	30.00
<i>Pentandra</i> . (Laurel Willow). 5 to 6 ft.	.35	3.00	25.00
6 to 8 ft.	.50	4.00	35.00
<i>Purpurea Nana</i> . (Dwarf Blueleaf Arctic Willow). 18 to 24 in.	.30	2.50	16.00

	Each	10	100
SAMBUCUS <i>Canadensis Acutiloba</i> . (Cutleaf American Elder). 4 to 5 ft.			
	\$0.40	\$03.50	\$25.00
<i>Pubens</i> . 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
SORBARIA <i>Sorbifolia</i> . (Ural False Spiraea). 2 to 3 ft.			
3 to 4 ft.	.25	2.25	20.00
	.30	2.50	22.50
SPIRAEA <i>Arguta</i> . 2 to 3 ft.			
3 to 4 ft.	.25	2.00	18.00
4 to 5 ft.	.30	2.50	20.00
<i>Billardi</i> . 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.25	1.80	16.00
<i>Bumalda Anthony Waterer</i> . 15 to 18 in.	.35	2.50	20.00
18 to 24 in.	.25	2.00	18.00
<i>Froebeli</i> . 18 to 24 in.	.20	1.20	10.00
24 to 30 in.	.25	1.50	12.00
30 to 36 in.	.30	2.00	14.00
<i>Thunbergi</i> . 2 to 2½ ft.	.25	2.00	17.50
2½ to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
<i>Trichocarpa</i> (Korean S.). 2 to 3 ft.	.25	2.00	17.50
3 to 4 ft.	.30	2.50	22.50
<i>Van Houttei</i> (Bridal Wreath). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.35	2.50	18.00
5 to 6 ft.	.40	3.00	22.50
SYMPHORICARPOS <i>Chenaulti</i> . 2 to 3 ft.			
3 to 4 ft.	.25	2.00	14.00
	.30	2.50	18.00
<i>Racemosus</i> . (Snowberry). 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.25	1.75	14.00
<i>Vulgaris</i> (Indian Currant). 2 to 3 ft.	.20	1.25	10.00
3 to 4 ft.	.25	1.50	12.00
SYRINGA <i>Josikaea</i> . 3 to 4 ft.			
4 to 5 ft.	.40	3.50	30.00
<i>Persian Purple</i> . 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.30	2.50	22.50
4 to 5 ft.	.35	3.00	25.00
	.50	4.50	40.00
<i>Villosa</i> . 3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	35.00
<i>Vulgaris Purpurea</i> . 2 to 3 ft.	.25	2.00	16.00
3 to 4 ft.	.30	2.25	18.00
4 to 5 ft.	.35	2.50	20.00
5 to 6 ft.	.40	3.50	30.00
NAMED FRENCH VARIETIES.			
<i>Berryer</i> , Charles Joly, Charles X, Ludwig Spaeth, Mad. Lemoine, Michael Buchner, Montaigne, Pres. Grevy. 2 to 3 ft.	.75	6.50	65.00
<i>Berryer</i> , Charles X, Charles Joly, Deschartes, Ludwig Spaeth, Marie Legraye, Michael Buchner, Montaigne. 3 to 4 ft.	.90	8.00	80.00
<i>Deschartes</i> , Charles Joly, Montaigne, Michael Buchner. 4 to 5 ft.	1.25	11.50	115.00
<i>Rhum Von Horstenstein</i> , Diderot, Pres. Poincarre. 2 to 3 ft.	1.25	10.00	100.00
<i>Jan Van Tol</i> , Katherine Havemeyer, Rhum Von Horstenstein. 3 to 4 ft.	1.50	12.50	125.00
<i>Lucie Baltet</i> . 18 to 24 in.	1.25	10.00	100.00
2 to 3 ft.	1.75	14.00	140.00
TAMARIX <i>Africana</i> . 3 to 4 ft.			
4 to 5 ft.	.25	2.00	16.50
5 to 6 ft.	.30	2.25	18.00
<i>Amurensis</i> . 3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.25	2.00	18.00
<i>VIBURNUM Americanum</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
<i>Burkwoodi</i> . 15 to 18 in.	.50	4.00	35.00
18 to 24 in.	1.25	10.00	100.00
<i>Carlesi</i> . 15 to 18 in., B. & B.	1.50	12.50	125.00
18 to 24 in., B. & B.	1.75	14.00	140.00
<i>Dentatum</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
4 to 5 ft.	.40	3.50	30.00
<i>Fragrans</i> . 2 to 3 ft., B. & B.	2.00	16.00	160.00
3 to 4 ft., B. & B.	3.50	28.00	280.00
<i>Lantana</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	2.75	22.50
4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
<i>Lentago</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
4 to 5 ft.	.60	5.00	40.00
<i>Molle</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.35	3.00	25.00
<i>Opulus</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
5 to 6 ft.	.75	6.00	60.00
6 to 8 ft.	.90	7.50	75.00
<i>Opulus Nanum</i> . 9 to 12 in.	.50	4.00	40.00
<i>Opulus Sterile</i> . 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.60	5.00	50.00
<i>Sieboldi</i> . 3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.50	4.00	35.00
ULMUS <i>Pumila</i> , Chinese Elm Hedging—See Trees.			
WEIGELA			
<i>Abel Carrieri</i> . 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.50	30.00
<i>Eva Rathke</i> . 2 to 3 ft.	.40	3.50	30.00
<i>Floribunda</i> . 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
<i>Rosa</i> . 2 to 3 ft.	.25	2.00	18.00
3 to 4 ft.	.30	2.50	20.00

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# Vaughan's Evergreens

Prices listed, unless otherwise noted, include baling and burlapping. All our Evergreens are two or more times transplanted.

**ABIES Concolor (White Fir).** Forms a compact symmetrical tree of blue green foliage.

	Each	10	100
18 to 24 in.	\$1.50	\$12.50	
2 to 2½ ft.	2.00	17.50	
2½ to 3 ft.	2.50	22.50	
3 to 3½ ft.	3.00	27.50	
3½ to 4 ft.	4.50	42.50	
4 to 4½ ft.	5.50		
4½ to 5 ft.	6.00		
5½ to 6 ft.	7.00		
6 to 6½ ft.	8.50		

**JUNIPERUS Canadensis (Canadian Juniper).** Of low-spreading, irregular form with foliage of blue-green.

	Each	10	100
12 to 15 in.	.90	7.50	
15 to 18 in.	1.00	9.00	
18 to 24 in.	1.35	12.50	
24 to 30 in.	1.75	15.00	

**Chinensis Keteleeri (Keteleer J.)** 2 to 2½ ft.

2½ to 3 ft.	2.00	17.50	
3 to 3½ ft.	2.50	22.50	
3½ to 4 ft.	3.00	27.50	
4 to 4½ ft.	3.50	32.50	
7 to 7½ ft.	10.50		
7½ to 8 ft.	12.00		
8 to 9 ft.	13.50		
9 to 10 ft.	15.00		

**JUNIPERUS Chinensis Pfitzeriana (Pfitzer Juniper).** One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.

	Each	10	100
12 to 15 in. spread	1.50	13.50	
15 to 18 in. spread	1.75	15.00	
18 to 24 in. spread	2.75	25.00	
24 to 30 in. spread	3.25		
2½ to 3 ft. spread	4.25	40.00	
3 to 3½ ft. spread	5.00		
3½ to 4 ft. spread	5.75	55.00	
4 to 4½ ft. spread	6.50	60.00	
4½ to 5 ft.	7.50	70.00	
5 to 6 ft.	9.00	85.00	
6 to 7 ft.	10.00	90.00	
6 to 7 ft. specimens	12.50		
7 to 8 ft.	12.00	100.00	
7 to 8 ft. specimens	15.00		
8 to 10 ft.	14.00	120.00	
10 to 12 ft.	16.00	140.00	

**Chinensis Pfitzeriana (Upright Pfitzer).** These have been staked into an upright growing habit.

2½ to 3 ft.	4.00		
3 to 3½ ft.	4.50	42.50	
3½ to 4 ft.	6.00	57.50	
4 to 4½ ft.	7.50		

**Chinensis Procumbens.** Long trailing branches; foliage glaucous green. 15 to 18 in. spread.

18 to 24 in. spread	1.50	12.50	
24 to 30 in. spread	2.00	17.50	
2½ to 3 ft. spread	2.50	22.50	
3 to 3½ ft. spread	2.75	25.00	
3 to 3½ ft. spread	3.25	30.00	

**Chinensis Sargentii.** 15 to 18 in.

15 to 18 in.	2.00	17.50	
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**Communis Depressa Plumosa (Andorra Juniper).** Of low spreading, irregular form with bright-green foliage, reddish-purple in fall. 12 to 15 in. spread.

12 to 15 in. spread	1.25	10.00	
15 to 18 in. spread	1.50	12.50	
18 to 24 in. spread	2.00	17.50	
2 to 2½ ft. spread	2.50	22.50	
2½ to 3 ft. spread	3.00		
3 to 3½ ft. spread	3.50		

**Sabina (Savin Juniper).** Dark green foliage. Spreading, semi-erect branches. 15 to 18 in.

18 to 24 in.	1.35	12.50	
2 to 2½ ft.	2.00	17.50	
2 to 2½ ft.	2.25		

**Sabina Prostrata Horizontalis.** Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in.

18 to 24 in.	1.25	10.00	
2 to 2½ ft.	1.50	12.00	
2 to 2½ ft.	2.00	17.50	
2½ to 3 ft.	2.50	22.50	

**Sabina Prostrata Horizontalis Glauca.** Like the above but with distinct steel-blue foliage. 2 to 2½ ft. spread.

2½ to 3 ft. spread	2.25	20.00	
3 to 3½ ft. spread	2.50	22.50	
3 to 3½ ft. spread	2.75	25.00	

**Sabina Von Ehron.** Semi-spreading, picturesque drooping branches, and very dark green foliage.

18 to 24 in.	2.00	17.50	
2 to 2½ ft.	2.50	22.50	
4 to 4½ ft.	5.00		
5 to 6 ft. specimens	8.00		

**Sabina Von Ehron (Upright).** 4 to 5 ft.

4 to 5 ft.	6.00	5.75	
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**Scopulorum Hillii (Silver Colorado Juniper).**

3½ to 4 ft., sheared	4.00		
4 to 4½ ft., sheared	4.50		
4½ to 5 ft., sheared	5.00		
5 to 5½ ft., sheared	6.00		

**Squamata Meyeri (Meyer Juniper).** Of dwarf, irregular growth and novel coloring in tones of green, white and pinkish-red. 3½ to 4 ft.

4 ft. specimens	4.00	37.50	
4 ft. specimens	6.00		

**Virginiana (Red Cedar).** Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.

3 to 3½ ft.	2.00	17.50	
3½ to 4 ft.	2.50	22.50	
4 to 4½ ft.	3.00	27.50	
4½ to 5 ft.	3.50	32.50	
5 to 5½ ft.	4.00	37.50	
5½ to 6 ft.	4.50	42.50	
6½ to 7 ft.	6.00	57.50	

**JUNIPERUS Virginiana (Red Cedar)—Continued.**

	Each	10	100
8 to 9 ft. sheared	\$8.00	\$75.00	
9 to 10 ft. sheared	9.00	85.00	
10 to 12 ft. sheared	10.50	100.00	
12 to 14 ft. sheared	12.00		
14 to 16 ft. sheared	15.00		

**Virginiana Cannarti (Cannart Red Cedar).** Rich, deep green foliage, heavily tufted. 2 to 2½ ft.

2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3 to 3½ ft.	3.25	30.00	
3½ to 4 ft.	4.00	37.50	
4 to 4½ ft.	4.75	45.00	
4½ to 5 ft.	6.00	57.50	
5 to 5½ ft.	6.75	65.00	
5½ to 6 ft.	7.50	72.50	
6 to 6½ ft.	8.50		
6½ to 7 ft.	9.50		
7 to 7½ ft.	11.00		
7½ to 8 ft.	12.50		
8 to 9 ft.	15.00		

**Virginiana Glauca (Silver Red Cedar).** A form of the Red Cedar with silvery tinged foliage.

2 to 2½ ft.	2.25	20.00	
2½ to 3 ft.	2.50	22.50	
3 to 3½ ft.	3.25	30.00	
3½ to 4 ft.	3.75	35.00	
4 to 4½ ft.	4.25	40.00	
4½ to 5 ft.	4.75	45.00	
5 to 5½ ft.	5.50	52.50	
5½ to 6 ft.	6.00	57.50	
6 to 6½ ft.	7.00	67.50	
6½ to 7 ft.	7.50	72.50	
7 to 7½ ft.	8.50	82.50	
7½ to 8 ft.	10.00		
8 to 8½ ft.	12.00		
8½ to 9 ft.	14.00		
9 to 10 ft.	16.00		

**Virginiana Pyramidiformia Hilli (Dundee J.).**

2 to 2½ ft.	2.25	20.00	
2½ to 3 ft.	3.00	27.50	
3 to 3½ ft.	3.50	32.50	
3½ to 4 ft.	4.00	37.50	

**Virginiana Schottii (Schott Red Cedar).** Fresh green foliage that does not change in winter. 2 to 2½ ft.

2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.50	32.50	
4½ to 5 ft.	4.00	37.50	
5 to 5½ ft.	4.50	42.50	
5½ to 6 ft.	5.00	47.50	
6 to 6½ ft.	5.50	52.50	
6½ to 7 ft.	6.00	57.50	
7 to 7½ ft.	7.00		
8 ft.	8.00		

**PICEA Canadensis (White Spruce).** Silvery green foliage. 2 to 2½ ft.

2½ to 3 ft.	1.75	15.00	
3 to 3½ ft.	2.25	20.00	
3 to 3½ ft.	2.50	22.50	
3½ to 4 ft.	3.00	27.50	

**PICEA Canadensis Albertiana (Black Hill Spruce).** A very hardy, compact-growing spruce with dark green foliage. 12 to 18 in.

18 to 24 in.	1.00	9.00	
2 to 2½ ft.	1.65	15.00	
2 to 2½ ft.	2.25	20.00	
2½ to 3 ft.	2.75	25.00	
3 to 3½ ft.	3.25	30.00	
3½ to 4 ft.	3.75	35.00	
4 to 4½ ft.	4.25	40.00	
4½ to 5 ft.	5.00		
5 to 5½ ft.	5.50		

**Excelsa (Norway Spruce).** 18 to 24 in.

2 to 2½ ft.	1.25	11.00	
2 to 2½ ft.	1.65	15.00	
2½ to 3 ft.	2.00	17.50	
3 to 3½ ft.	2.25	20.00	
5 to 6 ft.	3.75	35.00	
6 to 7 ft.	5.25	47.50	
7 to 8 ft.	6.00	55.00	
8 to 9 ft.	7.00		
9 to 10 ft.	8.00		

**Omorika (Serbian Spruce).**

2½ to 3 ft.	3.00	27.50	
3 to 3½ ft.	3.50	32.50	

**Pungens (Colorado Green Spruce).** Bluish green foliage. 12 to 18 in.

18 to 24 in.	1.25	11.00	
2 to 2½ ft.	1.50	12.50	
2 to 2½ ft.	2.00	17.50	
2½ to 3 ft.	2.25	20.00	
3 to 3½ ft.	2.75	25.00	
3½ to 4 ft.	3.25	30.00	
4 to 4½ ft.	3.75	35.00	
4½ to 5 ft.	4.50	42.50	
5 to 5½ ft.	5.00	47.50	
5½ to 6 ft.	5.50	52.50	
6 to 6½ ft.	7.00		
6½ to 7 ft.	8.00		

**Pungens Glauca (Colorado Blue Spruce).** Selected blue form of the above. 18 to 24 in.

2 to 2½ ft.	2.25	20.00	
2 to 2½ ft.	3.00	27.50	
2½ to 3 ft.	3.75	35.00	
3 to 3½ ft.	4.50	42.50	
3½ to 4 ft.	5.50	52.50	
4 to 4½ ft.	5.75	55.00	
4½ to 5 ft.	7.50	72.50	
5 to 5½ ft.	8.75		
5½ to 6 ft.	12.00		
6 to 6½ ft.	14.00		
6½ to 7 ft.	16.00		
7 to 8 ft.	17.50		
8 to 9 ft.	20.00		

Larger Sizes, Prices on Application.

All Evergreens personally selected and tagged in the Nursery will be charged for according to their value, usually 25% above catalog price.



## Vaughan's Evergreens—Continued

PICEA—Continued.	Each	10	100
<b>Pungens Moerheimi (Moerheimi Blue Spruce).</b> Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 2 ft. ....	\$4.25	\$40.00	.....
2½ ft. ....	5.00	47.50	.....
3 ft. ....	6.50	.....	.....
3½ ft. ....	7.50	.....	.....
4 ft. ....	9.50	.....	.....
4½ ft. ....	11.50	.....	.....
5 ft. ....	14.00	.....	.....
5½ ft. ....	16.50	.....	.....
6 ft. ....	20.00	.....	.....
6½ ft. ....	22.50	.....	.....
7 ft. ....	25.00	.....	.....
7½ ft. ....	27.50	.....	.....
8 ft. ....	30.00	.....	.....
<b>PINUS Montana Mughus (Mugho Pine).</b> A low-growing round topped evergreen; fine for rock planting and foundation work. 15 in. ....	2.25	20.00	.....
18 in. ....	2.75	25.00	.....
2 ft. ....	3.25	30.00	.....
2½ ft. ....	4.00	37.50	.....
3 ft. ....	5.00	.....	.....
<b>Nigra (Austrian Pine).</b> 5 to 5½ ft. ....	4.50	42.50	.....
5½ to 6 ft. ....	5.25	50.00	.....
6 to 6½ ft. ....	7.00	67.50	.....
6½ to 7 ft. ....	8.50	.....	.....
<b>Sylvestris (Scotch Pine).</b> Of rapid growth, with strong branches and short, stiff, bluish green foliage. 3 to 3½ ft. ....	2.00	17.50	.....
3½ to 4 ft. ....	2.50	22.50	.....
<b>TAXUS Cuspidata (Japanese Yew).</b> 15 to 18 in. ....	2.25	20.00	.....
18 to 24 in. ....	2.75	25.00	.....
2 ft. ....	3.50	32.50	.....
<b>TAXUS Cuspidata Capitata (Upright Japanese Yew).</b> 15 to 18 in. ....	1.25	10.00	.....
18 to 24 in. ....	2.00	17.50	.....
2 ft. ....	2.50	22.50	.....
2½ ft. ....	4.00	37.50	.....
3 ft. specimens. ....	6.00	.....	.....
3½ ft. ....	6.25	60.00	.....
3½ ft. specimens. ....	7.50	.....	.....
4 ft. ....	10.00	.....	.....
4 ft. specimens. ....	15.00	.....	.....
4½ ft. specimens. ....	12.00	.....	.....
5 ft. specimens. ....	13.50	.....	.....
5½ ft. specimens. ....	15.00	.....	.....
6 ft. specimens. ....	16.50	.....	.....
6½ ft. specimens. ....	20.00	.....	.....
<b>TAXUS Cuspidata Nana (Dwarf Japanese Yew).</b> 18 to 24 in. ....	4.00	37.50	.....
2 ft. ....	5.00	.....	.....
2½ ft. specimens. ....	9.50	.....	.....
3 ft. specimens. ....	11.50	.....	.....
<b>TAXUS Media Hicksi (Hick's Yew).</b> Very compact, narrow upright. 15 to 18 in. ....	1.65	15.00	.....
18 to 24 in. ....	2.00	17.50	.....
2 to 2½ ft. ....	3.00	27.50	.....
2½ to 3 ft. ....	4.25	40.00	.....
3 to 3½ ft. ....	6.00	57.50	.....
<b>THUJA Occidentalis (American Arborvitae).</b> 24 to 30 in. ....	1.00	9.00	.....
2½ to 3 ft. ....	1.35	12.50	.....
3 to 3½ ft. ....	1.75	15.00	.....
3½ to 4 ft. ....	2.00	17.50	.....
4 to 4½ ft. ....	2.50	22.50	.....
4½ to 5 ft. ....	2.75	25.00	.....
5 to 5½ ft. ....	3.00	27.50	.....
5½ to 6 ft. ....	3.25	30.00	.....
6 to 7 ft. ....	4.00	37.50	.....
7 to 8 ft. ....	5.25	50.00	.....
8 to 9 ft. ....	6.50	60.00	.....
9 to 10 ft. ....	8.00	.....	.....
10 to 12 ft. ....	12.00	.....	.....
<b>Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae).</b> Of compact, tall slender form; foliage dark green with lighter tip. 4 to 4½ ft. ....	2.75	25.00	.....
4½ to 5 ft. ....	3.00	27.50	.....
5 to 5½ ft. ....	3.50	32.50	.....
<b>Occ. Globosa (Am. Globe Arborvitae).</b> A round, compact form, dark green foliage. 18 in. ....	1.75	15.00	.....
24 in. ....	2.00	17.50	.....
<b>Occ. Pyramidalis (Am. Pyramidal Arborvitae).</b> A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in. ....	1.15	10.00	.....
2 to 2½ ft. ....	1.50	13.50	.....
2½ to 3 ft. ....	1.65	15.00	.....
3 to 3½ ft. ....	2.00	17.50	.....
3½ to 4 ft. ....	2.25	20.00	.....
4 to 4½ ft. ....	2.50	22.50	.....
4½ to 5 ft. ....	2.75	25.00	.....
5 to 5½ ft. ....	3.00	27.50	.....
5½ to 6 ft. ....	3.25	30.00	.....
6 to 6½ ft. ....	3.50	32.50	.....
6½ to 7 ft. ....	3.75	35.00	.....
7 to 8 ft. ....	5.00	.....	.....
<b>Occ. Rosenthalii (Rosenthal Arborvitae).</b> Dark green dense foliage; compact grower. 18 to 24 in. ....	1.50	12.50	.....
24 to 30 in. ....	2.00	17.50	.....
2½ to 3 ft. ....	2.50	22.50	.....
3 to 3½ ft. ....	2.75	25.00	.....
3½ to 4 ft. ....	3.00	27.50	.....
<b>Occ. Wareana (Ware Arborvitae).</b> Of dense broad, pyramidal form with rich green foliage. Very hardy. 2½ to 3 ft. ....	2.00	17.50	.....
3 to 3½ ft. ....	2.50	22.50	.....
3½ to 4 ft. ....	2.75	25.00	.....
4 to 4½ ft. ....	3.00	27.50	.....
4½ to 5 ft. ....	3.50	32.50	.....

## Hardy Vines

<b>AKEBIA Quinata.</b> A beautiful Japanese vine with Each unique foliage and chocolate-purple flowers. 3-year. \$0.35	10	100	.....
<b>AMPELOPSIS Acontifolia (Monkshood Vine).</b> Attractive foliage; amber berries in autumn. 3-year. .25	2.00	\$15.00	.....
4-year. ....	.30	2.50	.....
<b>Engelmanni.</b> A hardy and quick-growing, self-clinging vine. 2-year. ....	.20	1.50	10.00
3-year. ....	.25	2.00	15.00
<b>Quinquefolia (Woodbine).</b> A good native vine valued for its bright crimson foliage in fall. 2-year. ....	.20	1.50	10.00
3-year. ....	.25	1.75	15.00
<b>Veitchii (Boston Ivy).</b> The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year No. 1. ....	.25	2.00	18.00
3-year. ....	.35	3.00	.....
<b>ARISTOLOCHIA Sipho (Dutchman's Pipe).</b> 2 yr. ....	.40	3.00	25.00
<b>BIGNONIA Radicans.</b> Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year. ....	.25	2.00	15.00
3-year. ....	.30	2.50	17.50
<b>Mme. Gallen.</b> More dwarf than above, but has immense flower clusters. 2-year, grafted. ....	.75	6.50	.....
<b>CELASTRUS.</b> Hardy climber, with orange-capsuled fruit in autumn. <b>Scandens (American Bittersweet).</b> 2-year. ....	.25	2.00	18.00
3-year. ....	.30	2.50	20.00
<b>CLEMATIS—Small-Flowering Paniculata.</b> The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. 2-year. ....	.30	2.50	20.00
<b>Virginiana (Virgin's Bower).</b> Small white flowers in August. 2-year. ....	.25	2.00	.....
<b>CLEMATIS—Large-Flowering.</b> <b>Duchess of Edinburgh,</b> double white; <b>Henry,</b> single white; <b>Jackman,</b> rich royal purple; <b>Mme. Ed. Andre,</b> wine red; <b>Ramona,</b> blue. 2-year No. 1. ....	.50	4.00	37.50
2½-inch pots. ....	.30	2.10	15.00
<b>HEDERA Helix.</b> <b>English Ivy (Gracilis—Small-Leaved).</b> Hardy 2½-inch pots. ....	.....	1.00	7.50
4-inch pots. ....	.35	2.50	20.00
<b>LONICERA—Honeysuckle, Heckrotti.</b> Flowers dark red and creamy yellow. 2-year. ....	.40	3.00	25.00
<b>Japonica Halliana (Hall's Japanese).</b> Very fragrant pure white flowers changing to yellow. 2-year. ....	.25	1.80	15.00
<b>WISTERIA Magnifica.</b> Vigorous grower. Purple-lilac flowers. 2-year. ....	.25	2.00	18.00
3-year. ....	.30	2.50	20.00

## CANNAS

Dormant roots ready for January 1st.

<b>*Improved Florence Vaughan</b> Owing no doubt to a deterioration in breeding stock, plants distributed under the name of Florence Vaughan have for several years been decidedly smaller, and inferior in color to the original variety, introduced by us. Making a search for stock of the original quality, we found it in Europe, and have propagated from carefully selected specimens to produce the improved type offered here. Giant flowers of vivid golden yellow, sprinkled with fine red dots, are borne on strong 4-foot stems. In our judgment, the best of all yellows. Per 100 Per 1000	Green foliage. ....	.10 for \$1.00	\$7.00	\$60.00
<b>*King Humbert</b> 4-FT. SCARLET FLOWERS, BRONZE LEAVES, GREATEST FAVORITE TODAY. This remarkable "Gold Medal" Canna has been the sensation of the past nine years. It is a cross between the orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage. Dormant roots. ....	3.75	32.50	.....	.....
<b>*Yellow King Humbert</b> 4 feet. An orchid-flowering sport of the well known variety King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 in. across; individual petals 3 to 3½ in. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red. Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. Dormant Roots. ....	3.75	32.50	.....	.....
<b>The President</b> 4 ft. In color a rich glowing scarlet with immense rounded flowers seven inches across when fully open, produced on strong, erect stems well above the large green foliage. Free-bloomer and strong grower. Dormant Roots. ....	3.75	32.50	.....	.....
<b>AMBASSADOR.</b> 3½ to 4 ft. Considered an improved King Humbert. Bronze foliage; color poppy-red; very brilliant. Flowers are borne in immense trusses on strong stalks well above the foliage, the petals measuring 2 to 2½ inches across. Plant is very vigorous. Dormant Roots. ....	4.50	40.00	.....	.....
<b>COPPER GIANT.</b> 3½ ft. Much admired in our Western Springs planting. Large attractive blooms of a coppery madder red in big clusters on stout stems; green foliage. Exceptionally free-flowering and stocky growth. If you do not know this variety, give it a trial. ....	7.00	60.00	.....	.....
<b>CITY OF PORTLAND.</b> 3½ feet. Deep pink. Extra good flower. Does not fade. Green foliage. ....	4.00	35.00	.....	.....
<b>HUNGARIA.</b> 3½ feet. Very compact, almost dwarf, and luxuriant growth. Leaves bluish green, never burn. Flowers La France pink. Dormant Roots. ....	4.00	35.00	.....	.....
<b>LOUISIANA.</b> 6 feet. Green foliage; scarlet. ....	3.00	27.50	.....	.....
<b>WINTERS COLOSSAL.</b> 5 feet. Green foliage; vivid scarlet. ....	3.00	27.50	.....	.....

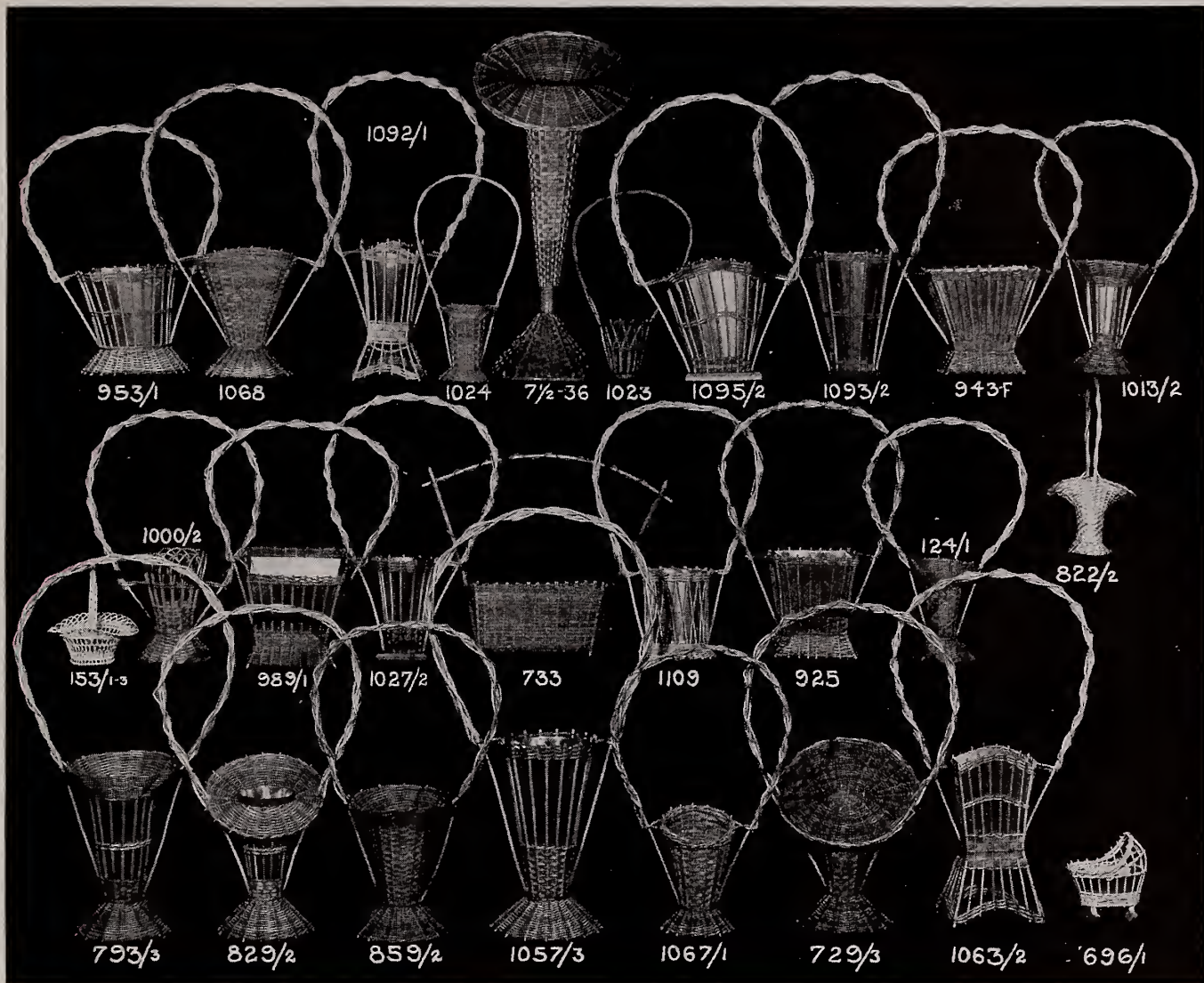
# Ornamental and Shade Trees

All our trees are nursery grown and are one or more times transplanted.

ACER Dasyacarpum (Silver Maple).	Each	10	100
6 to 8 ft.	\$0.60	\$ 5.00	\$40.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.75	6.50	60.00
8 to 10 ft., 1 1/4 to 1 3/4 in. caliper	.90	8.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.00	9.00	85.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.25	11.50	100.00
12 to 14 ft., 2 to 2 1/4 in. caliper	1.50	14.00	125.00
12 to 14 ft., 2 1/4 to 2 3/4 in. caliper	1.75	16.50	150.00
14 to 16 ft., 2 1/2 to 2 3/4 in. caliper	2.00	17.50	.....
14 to 16 ft., 2 3/4 to 3 in. caliper	2.25	20.00	.....
<b>Platanoides (Norway Maple).</b>			
8 to 10 ft., 1 1/4 to 1 3/4 in. caliper	1.90	17.50	.....
8 to 10 ft., 1 3/4 to 2 in. caliper	2.25	20.00	.....
16 to 18 ft., 4 in. caliper	7.50	70.00	.....
16 to 18 ft., 4 1/2 in. caliper, specimens	12.00	150.00	.....
16 to 18 ft., 4 1/2 in. caliper	9.00	85.00	.....
16 to 18 ft., 5 in. caliper	12.00	100.00	.....
18 to 20 ft., 6 in. caliper	18.00	.....	.....
Write for prices on larger sizes.			
<b>Platanoides Globosum (Globe Maple).</b>			
5 to 6 ft., 2-year heads	3.00	.....	.....
5 to 6 ft., 3-year heads	3.50	.....	.....
5 to 6 ft., 4-year heads	4.00	.....	.....
5 to 6 ft., 5-year heads	4.50	.....	.....
<b>Platanoides Schwedleri (Schwedler Maple).</b>			
10 to 12 ft., 1 3/4 to 2 in. caliper	3.50	32.50	.....
12 to 14 ft., 2 to 2 1/4 in. caliper	3.75	35.00	.....
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	4.25	40.00	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	4.75	45.00	.....
12 to 14 ft., 2 3/4 to 3 in. caliper	5.25	50.00	.....
14 to 16 ft., 3 to 3 1/4 in. caliper	5.75	55.00	.....
3 1/4 to 3 1/2 in. caliper	7.50	70.00	.....
<b>Pseudoplatanus Purpureus (Purple Sycamore)</b>			
8 to 10 ft.	1.75	.....	.....
<b>Saccharum (Sugar Maple).</b>			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.50	12.50	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.75	15.00	.....
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper	2.25	20.00	.....
<b>ALANTHUS Glandulosa (Tree of Heaven).</b> 4 to 5 ft.	.35	3.00	.....
5 to 6 ft.	.65	6.00	.....
1 to 1 1/2 in. caliper	1.00	9.00	.....
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper	2.00	17.50	.....
10 to 12 ft., 2 to 2 1/4 in. caliper	2.50	22.50	.....
<b>ARALIA Spinosa (See Shrubs).</b>			
<b>CATALPA Bungei.</b> 5 to 6 ft., 1 year head	1.00	9.00	.....
5 to 6 ft., 2 year head	1.50	12.50	.....
<b>Speciosa.</b> 8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.75	6.00	45.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	60.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.00	9.00	.....
12 to 14 ft., 2 to 2 1/4 in. caliper	1.25	10.00	.....
<b>CHERRY, Japanese—See Prunus.</b>			
<b>CRATAEGUS (Hawthorn).</b>			
<b>Carrieri.</b> 3 to 4 ft.	.75	6.00	.....
4 to 5 ft.	1.25	10.00	.....
5 to 6 ft.	1.75	15.00	.....
<b>Coccinea (Thicket Hawthorn).</b> 3 to 4 ft.	.75	6.00	.....
4 to 5 ft.	1.25	10.00	.....
5 to 6 ft.	1.50	12.50	.....
6 to 7 ft., B. & B.	3.75	.....	.....
6 to 7 ft., B. & B. specimens	5.00	.....	.....
<b>Cordata.</b> 4 to 5 ft.	1.50	12.50	.....
5 to 6 ft.	1.90	17.50	.....
6 to 7 ft.	2.50	22.50	.....
6 to 7 ft., B. & B.	3.50	.....	.....
8 to 10 ft., specimens, B. & B.	9.00	85.00	.....
<b>Crusgalli.</b> 4 to 5 ft.	1.75	15.00	.....
5 to 6 ft.	2.00	17.50	.....
6 to 7 ft.	3.50	32.50	.....
6 to 7 ft., specimens, B. & B.	7.50	.....	.....
<b>Oxyacantha (English Hawthorn).</b> 4 to 5 ft.	1.00	9.00	.....
5 to 6 ft.	1.75	15.00	.....
6 to 8 ft.	2.25	20.00	.....
8 to 10 ft.	2.75	.....	.....
8 to 10 ft., B. & B.	5.00	.....	.....
<b>Oxyacantha Splendens (Pauls Double Scarlet Hawthorn).</b> 3 to 4 ft.	1.25	11.50	.....
4 to 5 ft.	1.75	15.00	.....
<b>GINKGO Biloba (Maidenhair Tree).</b> 5 to 6 ft.	1.75	15.00	.....
6 to 8 ft., 3/4 to 1 in. caliper	2.50	22.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper	3.25	30.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	4.00	.....	.....
<b>GLEDITSIA Triacanthos Inermis (Thornless Honeylocust).</b> 8 to 10 ft., 1 to 1 1/2 in. caliper	2.25	20.00	.....
<b>MALUS (Flowering Crab Apples).</b>			
<b>Atrosanguinea, Floribunda.</b> 3 to 4 ft.	.75	6.00	.....
<b>Aldenhamensis, Goronaria, Floribunda, Niedzwetzkyana, Atrosanguinea.</b> 4 to 5 ft.	.90	7.50	.....
<b>Aldenhamensis, Floribunda, Niedzwetzkyana, Atrosanguinea.</b> 5 to 6 ft.	1.25	10.00	.....
<b>Astrosanguinea, Baccata, Floribunda, Niedzwetzkyana.</b> 6 to 8 ft., 1 to 1 1/4 in. caliper	1.75	15.00	.....
<b>Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana.</b> 6 to 8 ft., 1 1/4 to 1 1/2 in. caliper	2.50	22.50	.....
<b>Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana.</b> 6 to 8 ft., 1 1/2 to 1 3/4 in. caliper, specimens	3.00	27.50	.....
<b>Atrosanguinea, Baccata, Floribunda, Niedzwetzkyana, Sieboldi.</b> 6 to 8 ft., 1 3/4 to 2 in. caliper, specimens	3.50	32.50	.....
<b>Baccata, Coronaria, Floribunda, Niedzwetzkyana.</b> 2 to 2 1/4 in. caliper, specimens	5.00	.....	.....
<b>Coronaria, Floribunda.</b> 2 1/2 to 3 in. caliper, specimens	.50	.....	.....
<b>Eleyi (New).</b> 3 to 4 ft.	.60	5.00	.....
4 to 5 ft.	.90	7.50	.....
5 to 6 ft.	1.25	10.00	.....
<b>Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).</b> 3 to 4 ft.	.90	7.50	.....

MALUS—Continued.	Each	10	100
4 to 5 ft.	\$1.00	\$ 9.00	.....
7 to 8 ft. specimens, 1 1/4 to 2 in. caliper	6.50	.....	.....
8 to 10 ft. specimens, 2 to 2 1/4 in. caliper	7.50	.....	.....
8 to 10 ft. specimens, 2 1/4 to 2 1/2 in. caliper	10.00	.....	.....
<b>Sargentii.</b> 3 to 4 ft.	1.25	.....	.....
4 to 5 ft.	1.75	.....	.....
5 to 6 ft.	2.00	.....	.....
<b>MORUS Alba Tatarica (Russian Mulberry).</b> 5 to 6 ft.	.50	4.50	.....
6 to 8 ft.	.60	5.00	.....
<b>POPULUS Bolleana (Bolleana Poplar).</b>			
8 to 10 ft., 1 to 1 1/4 in. caliper	1.00	9.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.25	10.00	.....
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.50	22.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper	3.00	27.50	.....
<b>Eugenei (Carolina Poplar).</b> One of the most rapid growing of all shade trees.			
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.75	6.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper	.90	7.50	.....
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	1.25	10.00	.....
<b>Nigra Italica (Lombardy Poplar).</b> A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	.40	3.00	\$25.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.50	4.00	30.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.60	4.50	40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	65.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.00	9.00	75.00
12 to 14 ft., 2 to 2 1/4 in. caliper	1.25	10.00	90.00
<b>Simonsi Fastigiata (Narrow Simon Poplar).</b>			
8 to 10 ft., 1 to 1 1/4 in. caliper	.60	5.00	40.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.75	6.00	50.00
<b>PRUNUS Americana (American Plum).</b> 3 to 4 ft.	.25	1.80	15.00
4 to 5 ft.	.30	2.00	18.00
5 to 6 ft.	.35	2.50	20.00
6 to 8 ft.	.40	3.00	25.00
<b>Blirieana (Purple-leaved Flowering Plum)</b>			
4 to 5 ft.	.75	6.50	.....
5 to 6 ft.	1.00	9.00	.....
<b>Newport (Purple-leaved).</b> 3 to 4 ft.	.60	5.00	.....
4 to 5 ft.	.75	6.50	.....
5 to 6 ft.	1.00	9.00	.....
6 to 8 ft.	2.00	17.50	.....
<b>Padus (European Bird Cherry).</b> 3 to 4 ft.	.50	4.00	.....
4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.90	7.50	.....
10 to 10 ft., 1 to 1 1/4 in. caliper	1.25	11.50	.....
<b>Tomentosa (Nanking Cherry).</b> 2 to 3 ft.	.35	3.00	25.00
3 to 4 ft.	.40	3.50	30.00
4 to 5 ft.	.60	5.00	.....
5 to 6 ft.	.75	6.50	.....
<b>Triloba (Flowering Plum).</b> 2 to 3 ft.	.50	4.00	35.00
3 to 4 ft.	.60	5.00	45.00
4 to 5 ft.	.90	7.50	.....
6 to 7 ft., 5 ft. spread, specimens, B. & B.	\$5.00 to 8.00	.....	.....
<b>SORBUS Aucuparia (European Mountain Ash).</b>			
6 to 8 ft.	1.15	10.00	.....
8 to 10 ft., 1 to 1 1/4 in. caliper	1.35	12.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.75	15.00	.....
<b>ULMUS Americana (American Elm).</b>			
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.75	6.50	60.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.00	9.00	75.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.35	12.50	115.00
10 to 12 ft., 2 to 2 1/4 in. caliper	1.75	15.00	135.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	2.25	20.00	175.00
12 to 14 ft., 2 3/4 to 3 in. caliper	2.50	22.50	200.00
12 to 14 ft., 3 to 3 1/2 in. caliper	3.25	27.50	250.00
12 to 14 ft., 3 1/2 to 4 in. caliper	4.50	42.50	400.00
14 to 16 ft., 4 to 4 1/2 in. caliper	6.50	60.00	.....
4 1/2 to 5 in. caliper	7.50	.....	.....
5 to 5 1/2 in. caliper	10.00	.....	.....
<b>Americana Molini (Moline Elm).</b>			
6 to 8 ft.	.90	7.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper	1.10	10.00	95.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	13.50	125.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.00	17.50	150.00
10 to 12 ft., 1 3/4 to 2 in. caliper	2.35	22.50	200.00
12 to 14 ft., 2 to 2 1/4 in. caliper	2.75	25.00	225.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	3.00	27.50	250.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	3.25	30.00	275.00
12 to 14 ft., 2 3/4 to 3 in. caliper	3.50	32.50	.....
14 to 16 ft., 3 to 3 1/4 in. caliper	4.00	37.50	.....
16 to 18 ft., 3 1/4 to 3 1/2 in. caliper	4.75	45.00	.....
16 to 18 ft., 3 1/2 to 3 3/4 in. caliper	5.75	55.00	.....
16 to 18 ft., 3 3/4 to 4 in. caliper	6.50	60.00	.....
4 to 4 1/2 in. caliper	7.50	70.00	.....
<b>Americana Urni (Vase-Shaped Elm).</b>			
6 to 8 ft.	.90	7.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper	1.10	10.00	95.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	13.50	125.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	2.00	17.50	150.00
10 to 12 ft., 1 3/4 to 2 in. caliper	2.35	22.50	200.00
12 to 14 ft., 2 to 2 1/4 in. caliper	2.75	25.00	225.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	3.00	27.50	250.00
14 to 16 ft., 2 1/2 to 2 3/4 in. caliper	3.25	30.00	275.00
14 to 16 ft., 2 3/4 to 3 in. caliper	3.50	32.50	300.00
3 to 3 1/4 in. caliper	3.75	35.00	325.00
3 1/4 to 3 1/2 in. caliper	4.50	42.50	.....
3 1/2 to 3 3/4 in. caliper	5.25	50.00	.....
3 3/4 to 4 in. caliper, specimens	10.00	.....	.....
4 to 4 1/2 in. caliper	7.00	.....	.....
4 to 4 1/2 in. caliper, specimens	15.00	.....	.....
5 to 5 1/2 in. caliper	10.00	.....	.....
<b>Pumila (Chinese Elm).</b> 5 to 6 ft.	.50	4.00	35.00
5 to 6 ft., low-branched	1.25	10.00	.....
6 to 8 ft.	.70	5.00	40.00
6 to 8 ft., low-branched	1.50	12.50	.....
8 to 10 ft., 1 to 1 1/4 in. caliper	.90	7.50	65.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.15	10.00	90.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper	2.00	17.50	.....
10 to 12 ft., 2 to 2 1/4 in. caliper	2.25	20.00	.....
10 to 12 ft., 2 1/4 to 2 1/2 in. caliper	2.75	25.00	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	3.50	32.50	.....
12 to 14 ft., 2 3/4 to 3 in. caliper	4.00	.....	.....

Write for prices on Elms in larger sizes.



# Lowest Prices We Have Ever Quoted on Baskets

The Baskets we illustrate on this page are mostly well known styles. We can make any kind of a basket for you with your specifications. Give us a trial order for a \$10.00 assortment of baskets

and we assure you that you will be delighted with Vaughan's quality and price. Our baskets are two-tone finish unless otherwise desired.

No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each	No.	Opening Inches	Height of Body, Inches	Overall Inches	Price Each	
124/1 Sp.	3 1/2	10	25	\$0.65	1013/2	4 1/2	12	27	\$0.75	
124/2	4	12 1/2	28	.80	1023	3 1/2	6	20	.35	
696/1	8 x 4 1/2		8	.85	1024	3 1/2	7 1/2	21	.45	
696/2	10 x 5 1/2		9 1/2	1.05	1027	6	10 1/2	27	.60	
729/2	4	14	28	1.05	1057/1	5 3/4	13	32	.75	
729/3	6	17 1/2	32	1.35	1057/2	7	15	33	.95	
733	13 1/2 x 5 1/4	7	21	1.00	1057/3	8 1/2	19 1/2	41	1.45	
793/3	6 3/4	17	37	1.35	1063/2	8 x 5	17 1/2	35	1.35	
822/1	8 1/2		16	.50	1063/1	8 x 5	13 1/2	30	1.05	
822/2	9 1/2		18	.60	1067/1	6	12 1/2	29	.80	
822/3	11		21	.70	1067/2	7	17	34	1.10	
829/1	5 1/2	12	26 1/2	.85	1068	10 x 5 1/2	13	30	1.20	
829/2	5 1/2	17	32	1.10	1092/1	6 1/2 x 6 1/2	14 1/2	32	.85	
859/1	5	11 1/2	28	.80	1095/1	8 1/2 x 5 3/4	9 1/2	26	.70	
859/2	5 1/2	13	31	1.00	1095/2	10 1/2 x 6	12 1/2	30	.95	
925	8 1/2 x 5	11	26	.90	1095/3	12 x 7 1/2	13 1/2	33	1.30	
953/1	9 1/2 x 7	11	26	1.05	1095/4	13 x 9	14 1/2	35	1.75	
953/2	12 1/2 x 7 1/2	13	31	1.30	1095/5	16 x 10 1/2	17 1/2	38	2.40	
943F	11 x 7 1/2	11	27	1.15	1093/2	7 1/2 x 7 1/2	13	32	1.00	
989/1	10 x 5 1/2	11 1/2	25	1.00	1093/3	8 x 8	15	36	1.20	
989/2	11 x 5 1/2	13	29	1.25	1109	6 1/2	9	26 1/2	.60	
991/1	10 x 5 1/2	21	41	1.65	153/1-3	8 1/2 x 11 1/2		Set of 3	1.40	
991/2	10 1/2 x 7	23	48	1.90	7 1/2 Tiffany Vase	24"	30"	36"	42"	48"
1000/2	5 1/2	11 1/2	26	.90	7 Straight Vase	\$2.25	\$2.90	\$3.30	\$4.00	\$4.60

Metal Lined and Weighted Bottoms.

# Insecticides and Fungicides

Add Postage According  
to Weight and Zone  
(See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on

the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

**ANTROL ANT POWDER.** Kills ants, roaches silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., \$1.20; carton of 24 \$2.40.

**ARSENATE OF LEAD.** (Dry). For dusting and spraying. 1 lb., 30c; doz., \$2.52; case of 24, \$4.80; 4 lb. bag, 75c; case of 48 lbs., \$6.00; 100 lbs., \$11.00.

**BLACK ARROW DUST.** A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 80c; Doz., \$6.40; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$8.95; 50 lbs., \$16.75; 100 lbs., \$32.00.

**BORDEAUX MIXTURE.** (Dry). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., \$2.34; 4 lbs., 70c; 24 lbs., \$3.00.

**CARBON DISULPHIDE.** For ants and cut worms. 1 lb., 50c; 1/2 lb., 25c. Doz., \$2.00.

**CALCIUM ARSENATE.** (Dry). Lb., 30c; 4 lbs., 70c. **COPPER SULPHATE.** Crystals. 10 lbs., \$1.50; 25 lbs., \$3.25; 100 lbs., \$11.00.

**CUPROCID YELLO.** Fungicide plant spray. Price per 3 lbs., bag, \$1.35; case of 48 lbs., \$16.80; 100 lbs., \$36.00.

**CUPROCID RED COPPER OXIDE.** Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., \$3.75; 20 lbs., \$8.50.

**CYANOGAS "A" GRADE.** For moles, rats, gophers, and other ground rodents. (By express only.) 1/2 lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00. 4-oz. tins for ants, doz., \$2.40; 25 lbs., \$10.00; 100 lbs., \$25.00.

**CYANOGAS CALCIUM CYANIDE "G."** Greenhouse fumigant. Aphid, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet. Freight prepaid on 100 lb. lots.

**DERRISOL.** Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., \$2.70; 2 lbs., \$3.00; 10 lbs., \$12.00.

**DENDROL DORMANT.** Spray oil. Price, per gal., \$1.25; 5 gals., \$3.45; 15 gals., \$8.80; 55 gals., \$33.00.

**DOGZOFF.** Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

**DRY LIME SULPHUR.** For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., \$3.00; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$11.50.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10 lbs., \$1.85.

**FLOWERS OF SULPHUR.** Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.45; 100 lbs., \$3.85.

**FORMACIDE FORMALDEHYDE DUST.** Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50; 50 lbs., \$9.00.

**FUME TOBAC.** 25 lb., drum, \$5.00; 50 lb., drum, \$8.00; 100 lb., drum, \$15.00.

**FUNGINE.** New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., \$1.00; gal., \$3.00.

**GRAPE AND ROSE DUST.** Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

**GRASSLI S. S. 3 COMBINED SPREADER AND STICKER.** Designed especially for use with agricultural sprays. Price, pt., 75c; gal., \$4.75.

**HELLEBORE POWDERED.** White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per 1/4 lb., 20c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

**HITOX.** Effective double active insecticide. Pint, \$1.75; qt., \$3.00; gal., \$9.00; 5 gals., \$40.00.

**L. 333 ROTENONE PLANT SPRAY.** Price gal., \$10.75; 5 gals., for \$48.75.

**LEMON OIL.** Destroys mealy bug, scale, red spider. 1/2 pt., 30c; pt., 50c; qt., 75c; 1/2 gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

**LETHANE-440.** A very effective insecticide for controlling red spider and mealy bug. Qt., \$2.00; gal., \$5.50; 5 gals., \$25.00; 15 gals., \$67.50.

**LETHANE SPREADER.** Gal., \$1.80; 5 gal. can, \$8.50.

**LIME SULPHUR SOLUTION.** Qt., 50c; gal., \$1.25; 5 gals., \$4.00.

**LORO.** A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, \$2.00; gal., \$10.50; 5 gals., \$45.00.

**MCCONNON 114Y SPRAY.** Qt., \$2.50; gal., \$8.50; 5 gals., \$37.50; 10 gals., \$70.00.

**NAPHTHALINE FLAKES.** 10 lbs., \$1.35; 25 lbs., \$3.25.

**NAPTOCINE.** New plant and bulb fumigant; effective against thrips, wood-lice, soft bugs, wire worms, etc. 5 lbs., \$1.35; 25 lbs., \$4.35; 50 lbs., \$7.25; 100 lbs., \$13.75.

**"NICO-FUME."** A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00; 40 lbs., \$40.00.

**NICO-ROTE.** A combination of Nicotine and Rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

**NICOTINE.** Fumigating powder. 10 lb. cans, \$5.85.

**NICO-FUME HOLDER.** For 1 lb. size pressure fumigator adaptor is included for the 1/2 lb. size. Price, each, 85c.

## Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

**ACME GARDEN GUARD.** 1% Rotenone put up in 1-lb. sifter carton. Doz., \$2.58; carton of 24 for \$5.00; retails at 35c pkg.

**ANT KILLER.** Master 1/2-oz. bottles, doz., 75c; 2 oz., doz., \$2.00; 4 oz., doz., \$4.00.

**ANTROL READY FILLED SETS.** Consisting of four patented glass feeders. Per doz. sets, \$3.20. Retails at 40c set. Packed in a strong display carton.

**ANTROL SETS** for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4-oz. bottle antrol syrup. Per doz. sets, \$4.80. Retails at 60c set.

**ANTROL SYRUP REFILLS.** 2 oz. bottles, doz., 80c; 4 oz. bottles, doz., \$1.60; pints, doz., \$4.00; gals., six for \$11.00.

**APHIS SPRAY.** A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retails at 35c per tube.

**BLACK LEAF '40.** Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.00 ea.; 2 lbs., \$3.00 ea., 5 lbs., \$5.85 ea.; 10 lbs., \$9.90 ea.

**BUGGUN.** Rotenone dust in blower type package. Doz., \$2.80. Retails at 35c.

**DAW-GONE.** Protects evergreens from dogs. Per doz. tubes, \$2.00.

**MULTICIDE or New Evergreen.** Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Gal., \$10.35; 5-gals., \$47.00; 10 gals., \$91.00.

**EVERGREEN SPRAY.** A non-poisonous contact insecticide. Oz. bottle, 35c; per doz., \$2.70; per carton of 24 bottles, \$5.40; 6-oz. bottle, 85c; doz., \$8.00; gal., \$9.90.

**NICOTINE PYROX.** 17 6-oz. jars, doz., \$4.20; carton of 24, \$7.84; 5 lbs., \$1.50; case of 12, \$14.00; 25-lb. drum, \$5.65; 50-lb. drum, \$9.25.

**PYROTE.** A spray consisting of rotenone and pyrethrum. 1-oz. bottles, 12 in a display carton, \$2.75; 5-oz., doz., \$8.00; pints, doz., \$16.00.

**PYROX.** Combination insecticide and fungicide. 25 lbs., \$5.00; 100 lbs., \$12.50.

**RATKISSES.** Put up on easel card holding 12 25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

**RED ARROW.** A combined Rotenone and Pyrethrum spray. Assortment for re-sale. Price of 24-oz. bottles and 2 1/2-pint bottles. Price, \$5.40. Retails for \$10.40. 1 1/2 pt., doz., \$8.00; pt., \$2.50; qt., \$3.60; gal., \$10.70; case of 6 1-gal. cans at \$10.35 gal. 5 gal. drum, \$47.50.

**SPECIAL RED ARROW.** A new concentrated insecticide for controlling leaf rollers and leaf tyers especially. Gal., \$11.35; 5 gals., \$51.75.

**ROTECID.** Standard rotenone spray. Oz. bottles, doz., \$2.50. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$95.00.

**ROTENONE DUST 3/4%.** For control of Mexican bean beetle use this dust at rate of 15 or 25 lbs. per acre, depending on the density of the foliage for spraying, 1 lb. to 10 gals. of water. 6 4-lb. bags, 9c lb.; 25-lb. bags at 8 1/2c lb.; 50-lb. bags at 8c lb.

**SLUG SHOT, Hammond's.** An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.80; 5-lb. pkgs., 12 for \$7.20; 125-lb. keg, \$12.50; 250 lbs. in bulk, \$24.00.

**TREE TANGLEFOOT.** 6 oz., case of 24 cans, \$5.60; 1-lb. cans, per doz., \$5.80; per case of 24, \$11.20; 5-lb. can, \$2.45; case of 6, \$13.20; 10 lbs., \$4.50 each; case of 4 cans, \$16.80; 25 lbs., \$9.50 each.

**WETTABLE DUSTING SULPHUR.** Put up in attractive 2-lb. cans, which retail at 25c each. Price per doz., \$2.00.

**NICO FUME PRESSURE FUMIGATOR.** Put up in 1/2 lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. 1/2 lb. cans, 45c; six for \$2.40; Doz., \$4.20; 1 lb. cans, 75c; six for \$3.75; doz., \$7.00. Orders for 36 1 lb. cans or 60 1/2 lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

**NICO-FUME POWDER FUMIGATOR.** Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

**NIKOTEN.** 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., \$2.50; 1/2 pt., \$1.00 pt., \$1.75; 3 pts., \$5.00; original case 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

**NO MOLE.** The modern easy inexpensive way to destroy moles. They cannot resist the pleasing taste. They devour it and are quickly and surely destroyed. 14-oz. box, \$1.10; 28-oz. box, \$2.00; 9-lb. can, \$7.65.

**NU-GREEN.** A remedy for brown patch control in creeping bent lawns. 3 oz., tins each, 35c; doz., \$2.80; carton of 36 tins, \$8.00; 1 lb. tins, each, \$1.45; doz., \$11.75; 5 lbs. each, \$6.25; case of 6 tins, \$28.80; Write for price on larger containers.

**PARIS GREEN.** A poisonous insecticide in powder form; for insects which chew. 1/4 lb., 20c; Doz., \$1.80; per lb., 40c; doz., \$4.50; 5 lbs., \$1.75; 14 lbs., \$4.60.

**PENETROL.** An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

**POMO GREEN.** Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

**POMO GREEN.** With nicotine. 1 lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

**PYRETHRUM POWDER.** Per 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00; 25 lbs., \$12.25. Write for price on larger quantities.

**RED-O-LEN.** Bench powder. 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$21.00.

**No. 10 REFINED ROSE SPECIAL SPRAY.** For Roses and Carnations kills high percentages of eggs, no discoloring of blooms. Price per gal., \$10.00; 5 gals., for \$45.00.

**RESPIRATORS.** For mild fumigating and dusting. Each \$1.75; 3 for \$4.95.

**ROTOGREEN, Energized.** Very effective for Thrip, Mite, Red Spider and Mealy Bug, in addition to the more easily controlled pests, does not burn and leaves no poisonous residue. Pint, \$1.75; qt., \$3.00; gal., \$10.00; 5 gals., \$45.00.

**SELOCIDE.** Kills red spiders. Gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$86.50.

**SEMESAN.** The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; Doz., \$2.80; 1 lb., \$2.25; 5 lbs., \$10.00; 25 lbs., \$46.00; 100 lbs., \$175.00. Write for leaflets, stating for what purpose desired.

Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

**SNAROL.** New with metaldihyde. An insecticide bait to combat snails, cut worms, soft bugs and grasshoppers. Price, 1 1/2 lb., 35c; doz., \$2.80; 4 lbs., 85c; doz., \$6.80; 15 lbs., \$3.00; doz., \$24.00; 50 lbs., \$7.00.

**SULPHUR FOR SPRAYING.** Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. Price, 4 lbs., 50c; 100 lbs., \$8.00.

**SULROTE.** A combination dust sulphur and rotenone. 1 lb., canisters (24 per case), per doz., \$3.20.

**TARTAR EMETIC.** A spray for the control of Thrip, a life saver for gladiolus growers. Price, 1 lb., 80c; 5 lbs., \$3.75; 25 lbs., \$17.50.

**THRIP JUICE No. 2.** Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., \$1.25; gal., \$4.80.

**TOBACCO DUST.** (Regular Grade.) 10 lbs., 60c; 25 lbs., \$1.00; 100 lbs., \$2.95.

**TOBACCO STEMS.** 100 lbs., \$2.25; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

**TRI-OGEN.** Fungicide insecticide and plant stimulant. A, small kit makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit makes 32 gallons, \$6.00. D, estate kit makes 128 gallons, \$20.00.

**VERMINE.** For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. 1/2 pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

**VOLCK.** The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphid and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 14 gal. drum \$14.00; 28 gal. drum \$25.00; 54 gal. drum, \$45.00.

**WILSON'S O. K. PLANT SPRAY.** Price, qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

# Sprayers and Dusters

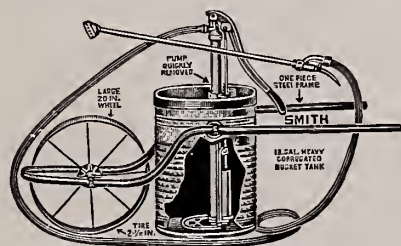
## DOBBIN'S BIGHEAD SPRAYER

5 1/8 diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.

- No. 44G Galvanized tank. . . . . Each, \$6.75
- No. 44B Copper tank. . . . . Each, 10.35



**SMITH'S LIGHTNING SPRAYER.**  
A durable low priced sprayer, has a funnel top, made of heavy steel or solid brass, tank as illustrated. 3 1/2 gallon capacity. Price, Galvanized, \$4.35; Brass, \$7.95.



**WHEELBARROW SPRAYER.** Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$19.95. Shipping weight, 65 lbs.

Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$32.00; with Pneumatic tire, \$37.50.

**Greenhouse Wheelbarrow Sprayer.** Similar to above, but with smaller pump. Width adapts it for greenhouse and nursery use. Handles all insecticides and fungicides. Price complete, \$12.75.

**Paragon Wheelbarrow Sprayer.** Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheel barrow type truck. Complete with hose, rod and nozzles. Price, \$21.00.

## BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Each, \$1.95; six for \$9.00.



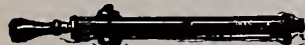
## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, \$1.25; 3 for \$3.45; doz., \$12.00.



**SYRINGES, BRASS,** No. "0". Length 12 1/2 in.; diameter 15/16 in. Ea., \$2.75.



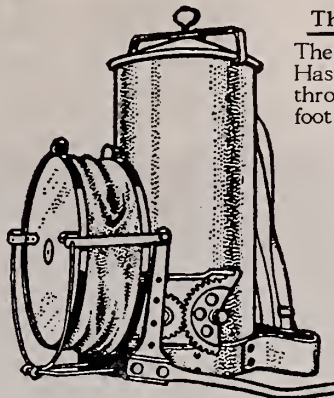
No. 11. Length 18 inches, 1 stream, 2 sprays, \$6.75.

No. 5. Best for general greenhouse use. \$7.50.

## SPRAYERS AND DUSTERS—Continued.

### The American Beauty Duster.

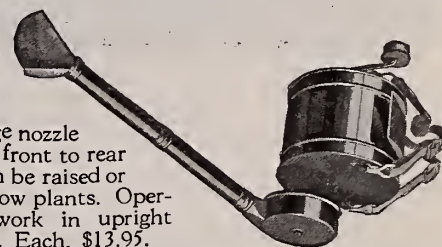
The most powerful hand duster made Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$21.00. Write for leaflet on the American Beauty Dust Sprayer.



**Blue Beauty Duster.** A close second to the American Beauty. Each, \$18.00.

### CHALLENGE DUST GUN.

For Dusting Lutzite, Devil Dust, etc. Adjustable to all conditions. Made so the discharge nozzle may be swung from front to rear of operator and it can be raised or lowered for high or low plants. Operator can always work in upright comfortable position. Each, \$13.95.



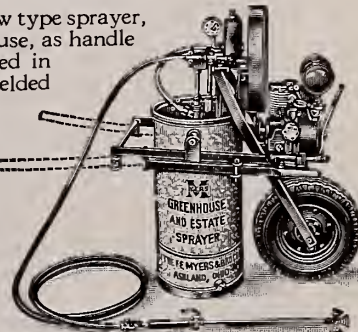
### FEENEY MODEL B DUSTER.

Each, 75c; doz., \$6.60



## MYERS GREENHOUSE POWER SPRAYER

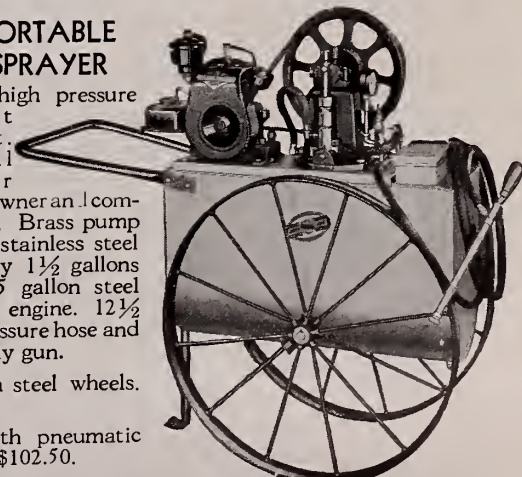
Power operated, wheelbarrow type sprayer, recommended for greenhouse use, as handle may be folded back, or reversed in narrow aisles. All steel welded frame, 12 1/2-gal. galvanized tank, porcelain lined pump 225 lbs. pressure; 1/4 H. P. motor or 1/2 H. P. gas engine. 15 ft. 3/8" hose, shutoff and nozzle, 18 ft. pipe extension. Motor driven with 50 ft. of Cord and Plug, Steel wheel, Fig. 3061, \$83.00.



- Motor driven with 50 ft. Cord and Plug, Rubber Tire \$93.00
  - Engine Driven, Steel Wheel. . . . . \$105.00
  - Engine Driven, Rubber Tire. Fig. 3062. . . . . 115.00
- The Kinney.** Used for spraying liquid manures. Worked by Water pressure. Nickered iron. Construction simple. Ea., \$2.95.

## UTILITY PORTABLE POWER SPRAYER

A portable high pressure light weight spray outfit. Handles all spray jobs for the individual owner and commercial grower. Brass pump with hardened stainless steel valve. Capacity 1 1/2 gallons per minute, 25 gallon steel tank, 3/8 H. P. engine. 12 1/2 feet of high pressure hose and adjustable spray gun.



- No. 3240 with steel wheels. Each \$97.50.
- No. 3240R with pneumatic tires. Each \$102.50.

Write for leaflet and price list on Hardie Greenhouse Special Power Sprayer.

# Florists' Wire Designs

F. O. B. CHICAGO

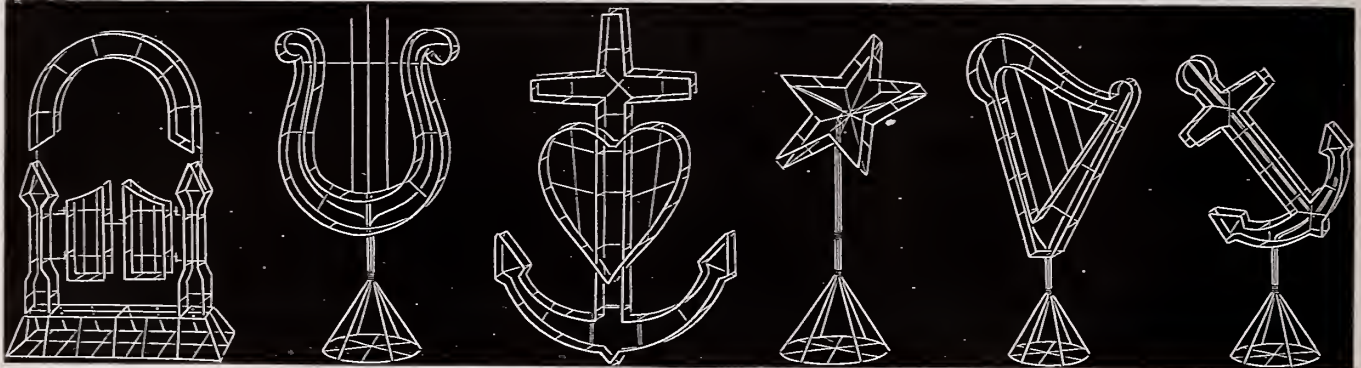
DISCOUNTS:

5% on orders of \$10.00 or over  
10% on orders of 20.00 or over

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

F. O. B. NEW YORK  
New York Terms Net  
Packing Charges at Cost

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to correctness; we accept orders on no other basis. Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.



**GATES AJAR**

**ANCHORS—Flat**

Inch	Price	Inch	Price
10...	\$0 20	20...	\$0 50
12...	25	22...	55
14...	30	24...	60
16...	35	27...	70
18...	45	30...	75
		36...	1 05

**Anchor on Base**

12...	45	22...	95
14...	55	24...	1 10
16...	65	27...	1 25
18...	75	30...	1 50
20...	85	36...	2 00

**Anchor and Cross on Base**

12...	45	20...	75
14...	50	24...	85
16...	55	27...	1 15
18...	65	30...	1 75

**ANCHOR AND CROSS**

10...	20	20...	45
12...	25	22...	50
14...	30	24...	60
16...	35	27...	70
18...	40	30...	90
		36...	1 25

**BASES**

5...	18	9...	40
6...	20	10...	50
7...	25	11...	75
8...	35	12...	1 00

**HANGING BASKETS**

**Plain Top**

8...doz.	2 10	16...doz.	4 00
10...	2 25	18...	5 00
12...	2 60	20...	7 00
14...	3 00	22...	9 00
		24...	10 00

**Hanging Baskets, Fancy Top**

8...doz.	2 75	16...doz.	5 75
10...	3 25	18...	7 50
12...	3 50	20...	8 50
14...	4 50	22...	10 00
		24...	12 00

**BELLS—Single Frame**

8...each	25	15...each	60
10...	30	18...	80
12...	40	21...	1 15

**Bells, Double Frame**

10...	60	15...	1 35
12...	75	18...	1 75
		21...	2 15

**BROKEN WHEEL**

**On Reclining Stand**

15...	65	27...	1 50
18...	75	30...	1 90
21...	1 00	33...	2 50
24...	1 25	36...	3 00

**Broken Wheel on Easel**

15...	85	27...	2 25
18...	1 10	30...	2 50
21...	1 40	33...	3 25
24...	1 75	36...	3 75

**Broken Wheel on Base**

15...	80	27...	2 35
18...	1 20	30...	2 75
21...	1 50	33...	3 50
24...	1 85	36...	4 50

**CASKET CROSS**

12...	24	24...	60
15...	30	30...	80
18...	35	30...	85
21...	45	33...	1 00
		36...	1 25

**CRESCENT**

10...	15	16...	28
12...	18	18...	35
14...	23	21...	50

**Crescent on Base**

10...	35	16...	70
12...	45	18...	85
14...	55	21...	1 00
		24...	1 25

**CRESCENT WREATHS**

Inch	Price	Inch	Price
10...	\$0 15	21...	\$0 50
12...	18	24...	60
14...	25	27...	85
16...	30	30...	1 15
18...	35	36...	1 40

**Crescent Wreath on Round Base**

10...	50	21...	1 15
12...	60	24...	1 50
14...	70	27...	2 00
16...	80	30...	2 30
18...	90	33...	3 00
		36...	4 00

**Crescent Wreath on Reclining Stand**

10...	25	21...	70
12...	30	24...	1 50
14...	40	30...	2 10
16...	55	33...	2 55
		36...	3 00

**CROSSES—FLAT**

10...	06	30...	45
12...	08	33...	50
14...	09	36...	75
16...	12	42...	1 25
18...	15	45...	1 50
20...	18	48...	1 75
22...	21	54...	2 00
24...	25	60...	2 50

**Crosses on Round Base**

10...	20	27...	85
12...	25	30...	1 00
14...	30	33...	1 25
16...	35	36...	1 50
18...	40	42...	2 00
20...	45	45...	2 50
22...	55	48...	3 00
24...	65	54...	4 00
		60...	5 00

**MALTESE CROSSES**

10...	20	18...	40
12...	25	20...	50
14...	30	22...	60
16...	35	24...	85
		28...	1 25

**SLANTING CROSS**

12...	18	24...	55
14...	20	27...	65
16...	25	30...	80
18...	30	33...	1 00
20...	35	36...	1 25
22...	40		

**COLUMBIAN KNIGHTS, Flat**

15...	1 00	21...	1 50
18...	1 25	24...	1 75

**Columbian Knights, On Easel**

15...	1 50	21...	2 25
18...	1 75	24...	3 00

**GATES AJAR, Single Arch**

15 Base...	85	18 Base...	1 25
18 "	1 00	24 "	1 50

**Gates Ajjar, Double Arch**

15 Base...	1 25	27 Base...	2 40
18 "	1 40	30 "	3 00
21 "	1 65	33 "	4 00
24 "	1 90	36 "	5 00

**HARPS—Flat**

Inch	Price	Inch	Price
12...	\$0 30	24...	\$0 70
15...	35	27...	80
18...	45	30...	1 00
21...	60	36...	1 35

**Harps on Round Base**

12...	50	24...	1 25
15...	60	27...	1 50
18...	80	30...	1 75
21...	90	36...	2 00

**Harps on Reclining Base**

12...	45	24...	90
15...	50	27...	1 00
18...	60	30...	1 25
21...	80	36...	1 75

**LYRE ON BASE**

**CRESCENT WREATHS**

Inch	Price	Inch	Price
10...	\$0 15	21...	\$0 50
12...	18	24...	60
14...	25	27...	85
16...	30	30...	1 15
18...	35	36...	1 40

**Crescent Wreath on Round Base**

10...	50	21...	1 15
12...	60	24...	1 50
14...	70	27...	2 00
16...	80	30...	2 30
18...	90	33...	3 00
		36...	4 00

**Crescent Wreath on Reclining Stand**

10...	25	21...	70
12...	30	24...	1 50
14...	40	30...	2 10
16...	55	33...	2 55
		36...	3 00

**CROSSES—FLAT**

10...	06	30...	45
12...	08	33...	50
14...	09	36...	75
16...	12	42...	1 25
18...	15	45...	1 50
20...	18	48...	1 75
22...	21	54...	2 00
24...	25	60...	2 50

**Crosses on Round Base**

10...	20	27...	85
12...	25	30...	1 00
14...	30	33...	1 25
16...	35	36...	1 50
18...	40	42...	2 00
20...	45	45...	2 50
22...	55	48...	3 00
24...	65	54...	4 00
		60...	5 00

**MALTESE CROSSES**

10...	20	18...	40
12...	25	20...	50
14...	30	22...	60
16...	35	24...	85
		28...	1 25

**SLANTING CROSS**

12...	18	24...	55
14...	20	27...	65
16...	25	30...	80
18...	30	33...	1 00
20...	35	36...	1 25
22...	40		

**COLUMBIAN KNIGHTS, Flat**

15...	1 00	21...	1 50
18...	1 25	24...	1 75

**Columbian Knights, On Easel**

15...	1 50	21...	2 25
18...	1 75	24...	3 00

**GATES AJAR, Single Arch**

15 Base...	85	18 Base...	1 25
18 "	1 00	24 "	1 50

**Gates Ajjar, Double Arch**

15 Base...	1 25	27 Base...	2 40
18 "	1 40	30 "	3 00
21 "	1 65	33 "	4 00
24 "	1 90	36 "	5 00

**HARPS—Flat**

Inch	Price	Inch	Price
12...	\$0 30	24...	\$0 70
15...	35	27...	80
18...	45	30...	1 00
21...	60	36...	1 35

**Harps on Round Base**

12...	50	24...	1 25
15...	60	27...	1 50
18...	80	30...	1 75
21...	90	36...	2 00

**Harps on Reclining Base**

12...	45	24...	90
15...	50	27...	1 00
18...	60	30...	1 25
21...	80	36...	1 75

**HEARTS—Solid**

8...	12	18...	35
10...	15	20...	45
12...	18	22...	55
14...	20	24...	70
16...	25	27...	1 00
		30...	1 35

**Hearts on Base**

8...	35	16...	70
10...	45	18...	85
12...	50	20...	1 00
14...	60	22...	1 25
16...	60	24...	1 50

**Hearts on Reclining Stand**

10...	30	18...	75
12...	40	20...	1 00
14...	45	22...	1 35
16...	55	24...	1 65

**OPEN HEARTS**

10...	25	18...	60
12...	35	21...	75
14...	40	24...	95
16...	50	27...	1 20
		30...	1 80

**Open Heart on Round Base**

10...	50	18...	1 10
12...	60	21...	1 40
14...	70	24...	1 75
16...	85	27...	2 15

**Open Heart on Reclining Stand**

10...	35	18...	90
12...	45	21...	1 15
14...	55	24...	1 50
16...	65	27...	2 00
		30...	2 50

**FAITH, HOPE AND CHARITY**

**HEARTS—Solid**

8...	12	18...	35
10...	15	20...	45
12...	18	22...	55
14...	20	24...	70
16...	25	27...	1 00
		30...	1 35

**Hearts on Base**

8...	35	16...	70
10...	45	18...	85
12...	50	20...	1 00
14...	60	22...	1 25
		24...	1 50

**Hearts on Reclining Stand**

10...	30	18...	75
12...	40	20...	1 00
14...	45	22...	1 35
16...	55	24...	1 65

**OPEN HEARTS**

10...	25	18...	60
12...	35	21...	75
14...	40	24...	95
16...	50	27...	1 20
		30...	1 80

**Open Heart on Round Base**

10...	50	18...	1 10
12...	60	21...	1 40
14...	70	24...	1 75
16...	85	27...	2 15

**Open Heart on Reclining Stand**

10...	35	18...	90
12...	45	21...	1 15
14...	55	24...	1 50
16...	65	27...	2 00
		30...	2 50

**HORSESHOES**

12...	20	24...	80
14...	25	30...	1 25
16...	30	36...	1 75
18...	40	48...	3 50
21...	50		

**KNIGHTS OF PYTHIAS DESIGN**

**New Style Wreath on Easel**

21...	2 00	24...	2 50
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**KNIGHTS TEMPLAR**

18...	1 50	30...	3 50
24...	2 25		

**MASONIC DESIGNS**

**Square and Compass Flat**

12...	35	24...	1 35
14...	40	27...	1 50
16...	50	30...	1 75
18...	65	33...	2 10
21...	1 00	36...	2 35

**On Reclining Stand**

14...	60	27...	1 75
16...	75	30...	2 00
18...	1 00	33...	2 50
21...	1 25	36...	2 85
24...	1 50		

**Masonic Square and Compass**

**On Easel**

14...	65	27...	1 85
16...	80	30...	2 15
18...	1 00	33...	2 50
21...	1 35	36...	3 00
24			

# Ribbons and Chiffons

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



Radiance

**Pattern 1900, No. 5 Radiance Ribbon.** Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 90c. Box of 20 spools at 85c spool.

**Novelty Tinsel Pot Tie Ribbon.** A silk fibre ribbon with tinsel strands. Brilliant metallic colors which lend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width  $\frac{3}{4}$  inch. Per bolt, 55c; 10 bolts for \$5.00.

**Picot Edge White Ribbon.** Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, 65c; 10 spools for \$5.50.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yards, 60c; doz., \$6.00.

**Tinsel Ribbon.**  $\frac{3}{4}$  inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50-yd. spool, \$1.00; 10 spools, \$9.50.

**Plain 3-Stripe Imported French Chiffon.** Superior quality in all popular shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 7c; in 6-bolt lots, 6 $\frac{1}{2}$ c per yard.

**Dotted Chiffons, all shades.** In bolts of 40 to 45 yards. Sold only in ordinary bolts. 6-inch, per yard, 8 $\frac{1}{2}$ c.

**Corsage Pins.** Pearl heads, finest made, assorted colors. Per gross, \$1.25.

**Corsage Ties (Cord and Tassels).** Per doz., 65c; per gross, \$6.50.  
**Metaline.** This ribbon has a bright metallic lustre with striped edges, width 5 $\frac{1}{2}$  inches, for baskets and bouquets; we carry a stock of all colors. Price per bolt of 40 yards, \$1.25; ten bolts, \$12.00.

**Ribbonzene Crinkle Baby Ribbon No. 1.** For tying cards. All colors. 500-yard spool, 95c; doz. spools, \$10.80.

**Valley Pattern Chiffon.** Pink, white, lavender and purple. 6-inch, per yard, 8 $\frac{1}{2}$ c. Six bolts at 8c per yard.



**Special Metaline.** Approximately 5 inches wide. A popular number for use on low priced work, all shades. 40-yd. bolts, per bolt \$1.00; 10 bolts for \$9.50.

**Rubberized Shoulder Shields.** Per doz., 80c; gross, \$8.00.

**Corsage Shields, Shoulder or Wrist Shields.** Chiffon edge. Per doz., \$1.35; per gross, \$13.80.

**Waist Shields, Chiffon edge.** Corsage large, medium and small. Per doz., \$1.60; per gross, \$16.20.

# Glazing Tools and Materials

ALL THE BEST MATERIALS FOR GREENHOUSE USE

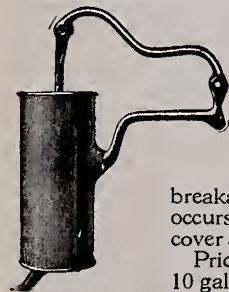
## MASTICA, For Glazing

### Greenhouses.

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without

breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.45; 5 gals., \$11.75; 10 gals., \$23.00.



MASTICA MACHINE

MASTICA MACHINE—Each, \$3.00.



PUTTY BULB

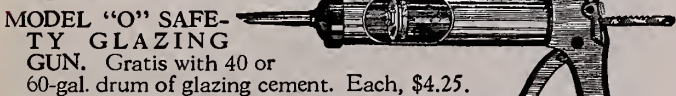
**GARLANITE** The original white glazing compound, remains soft and flexible, easy to apply and to remove. Price 40 and 60-gal. drums, \$2.30 per gal.; kegs, 10 and 20 gals., \$2.35 per gal.; 5-gal. kegs, \$2.50 per gal.; gal. cans, \$2.55. 10 gals. or more prepaid.

**GARLAND WHITE SHADING COMPOUND.** 25 lbs. is equivalent to 2 gals. 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00; 300 lbs., \$33.00; 500 lbs., \$52.50, F.O.B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

**TAMM'S SHADING COMPOUND.** Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made.

White, per 100 lb. keg, \$9.00; Barrel of 400 lbs., \$28.00. Green, 2c per lb. higher.

**VAUGHAN'S GREENHOUSE BULBING CEMENT.** A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.00 a gal.; 10 and 5-gal. drums at \$1.30 a gal.; 1-gallon can, \$1.50.



Gratis with 40 or 60-gal. drum of glazing cement. Each, \$4.25.

**GLAZING PUTTY, Twemlow's Old English.** Five gallons will glaze a house 100x20 feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., \$2.60; 5 gals., \$12.50; 10 gals., \$24.50.

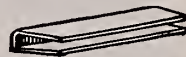
**PAINT, Vaughan's Greenhouse White.** This is a full oil paint, has good lustre and body and is not liable to peel off or crack. Per gal., \$3.10; 5 gals., \$14.75; bbl. at \$2.75 gal.

**PUTTITAPE.** A wonderful new method of glazing new ever soft gum now mounted on tape, made of lead foil to protect it, comes to you in handy rolls. Just unroll on the sash and bars, price, 100 ft., \$3.50; per 1,000 ft., \$30.00.

**PUTTYROPE.** A great new improvement for glazing and caulking, easy to apply, won't deteriorate, run or get brittle. 100 ft. to a box. 100 ft., \$1.00; 300 ft., \$2.50. Postpaid, 1,000 ft., \$5.00. F. O. B. Pana, Illinois.

## CLAMP, Peerless Repair.

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Per box of 100 clamps, \$1.35. Five boxes, \$6.50.



**TROJAN ROLLER TYPE GLASS CUTTER.** Doz., \$2.40; each, 25c.



**PUTTY KNIFE, No. 120.** A very good tool. Each, 45c; 3 for \$1.25.

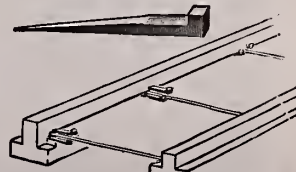
**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.00.

## GLAZING POINTS, Vaughan's Perfection—No rights or lefts.

No. 2. For large single thick glass.  
No. 2 $\frac{1}{2}$ . Double thick, for greenhouses and skylights.  
No. 2. Price, per lb. (about 900), 55c; in lots of 5 lbs., 50c per lb.; No. 2 $\frac{1}{2}$ . Per lb. (about 800), 55c; 5 lbs. at 50c per lb.

Write for prices in larger quantities.  
**SIEBERT'S IMPROVED.**

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof. Two sizes,  $\frac{5}{8}$  and  $\frac{1}{2}$  inch long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of  $\frac{5}{8}$  in; over 1,000 points in 1-lb. pkg. of  $\frac{1}{2}$  in. Price: per lb., 50c; 5 lbs., \$2.25; 20 lbs., \$8.00.



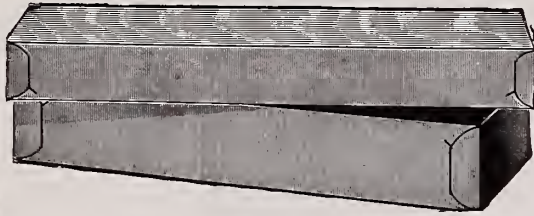
# Supplies for the Florist Shop

## CUT FLOWER BOXES

Printing any single color. Per 1,000, \$2.75.

Printing gold or silver. Per 1,000, \$4.75.

When ordering printed boxes, allow a week or ten days extra for delivery.



## VAUGHAN'S "GREEN" GRADE.

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

Size in inches	Per 25	Weight	Per 100	Size in inches	Per 25	Weight	Per 100
18 x 5x3	\$1.35	35 lbs.	\$4.50	5x24x8	\$2.40	70 lbs.	\$ 8.85
3 x21x5	1.50	40 lbs.	4.80	5x28x8	2.70	90 lbs.	9.60
3 1/2 x24x5	1.75	50 lbs.	5.95	5x36x8	3.45	125 lbs.	12.60
3 1/2 x30x5	1.90	65 lbs.	6.35	5x42x8	4.50	165 lbs.	16.95

## FLORAL DESIGN BOXES. Mist grey. Full telescope.

No.	Dimensions	Per 25	Per 100	No.	Dimensions	Per 25	Per 100
No. 25.	7x30x12	\$5.45	\$20.50	No. 27.	8x20x20	\$6.65	\$25.50
No. 26.	8x36x14	7.45	27.95	No. 28.	8x24x24	8.85	34.00

Packed 25 complete per bundle.

## CORSAGE BOXES. Shallow lid, mist grey.


Dimensions	Per 25	Per 100	Dimensions	Per 25	Per 100
8x5x4	\$1.00	\$3.35	12x8x5 1/2	\$1.70	\$5.75
10x6x5 1/2	1.40	4.60			

Write for Special Discounts on quantity orders.



**FLORAFOLIO.** Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, black and blue. Per 50-ft. roll, \$1.35.

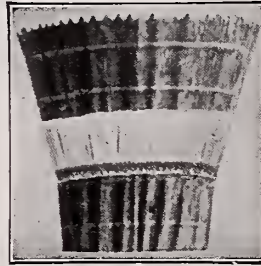
**SATINET.** The aristocrat of the florist foils. A smooth lustre—a soft as satin finish—a full range of colors, carefully chosen to blend harmoniously with Easter and spring flowers. Comes in rolls 50 feet long, 20 inches wide. It can be used effectively on corsages, on larger floral pieces, to wrap basket handles, and in many other ways. Satinet is available in Orchid, Sky-Blue, Nile Green, Pink, Purple, Red, Green, Gold, Fuchsia and Silver Blue. Per roll, \$1.35.



**FLORALIFE**  
Helps flowers live longer. In handy display cartons. Price, 25 10c pkts., \$1.40; 50 pkts., for \$2.75; carton of 100 pkgs., \$5.00, your selling price, 10c per pkg.; handy home size retails at \$1.00 each. Price six cans for \$3.50. 50 qt. size, retails for \$2.50; 6 for \$8.00.

## New Handy Seeder

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 50c, postpaid; three for \$1.35; doz., \$4.20; retails at 50c each.



**STICK-TO-IT POT COVERS.** Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

Size	Doz.	100
5 in.	\$0.90	\$ 6.25
6 in.	1.20	7.75
7 in.	1.45	9.50
8 in.	1.60	11.00

## Paper—Tissue, Wax

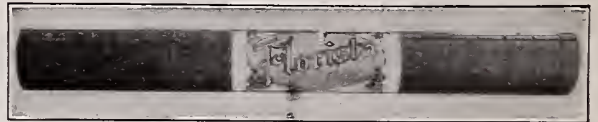
Prices on Paper Subject to Market Changes.

**Pure White Glazed Florist Tissue.** The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream. (480 sheets), \$1.35; 10 reams (4,800 sheets), \$11.50; F. O. B. New York, ream (480 sheets), \$1.75; 10 reams (4,800 sheets), \$14.00.

**White Wax.** Medium, 24x36 inches; F. O. B. Chicago, 400 sheets, \$1.75; F. O. B. New York, 480 sheets, \$2.10.

**Green Wax.** Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 400 sheets, \$1.90; 10 reams for \$17.50; F. O. B. New York, 480 sheets, \$2.25.

**Green Wax Wreath Rolls.** Used for wrapping mossed wreaths and wire designs. 3-inch rolls; a time-saver and no waste. Per box of 12 rolls, \$1.95; 3 boxes for \$5.50.



**Waterproof Crepe Paper.** In green, pink, lavender, yellow and purple; per roll, 29c; per doz., \$3.50; 25 rolls, \$7.00; 100 rolls, \$25.95.

**Kraft Wrapping** in rolls, all weights and sizes. Price, per lb., 9 1/2c; green Kraft plain, any size-roll, per lb., 11c.

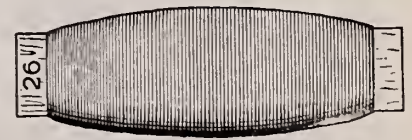
**PAPER CUTTERS.** 24, 30 and 36-in. Price, complete, \$2.95; extra heavy cutters 48-in., each, \$11.00; 60-in., each, \$13.25.

**MATS, Imported Japanese Chip.** Used for decorating all blooming plants. Assorted colors, plain and two-tone, per 100, \$6.75; 500 for \$32.50.



## MALINSWIRE STICKS

Put up especially for florists; spools fit the hand, will not unravel or roll away. Packed in 5 lb. boxes. 20 1/4 lb. spools.



No. 22  
No. 24  
No. 26  
No. 28

Per Spool	Per Box
\$0.15	\$2.10
15	2.40
20	2.70
20	3.25



# Greenhouse and Florists' Supplies

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

**APRONS, RUBBER.** These are especially made for us of the best quality sheeting, pliable and durable and extra long. Each, \$1.95; 3 for \$5.60. Postage, 20c each, extra.



RUBBER APRONS

*Father*

## Letters and Figures

**BOSTON SCRIPT.** Neatest ever made.

Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4 1/2c.

**GOLD SCRIPT WORDS.** Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, per package of 10 words, 25c; per 100 words, \$1.95; per 1,000 words, \$16.00.

**GILT RIBBON LETTERS.** Gummed. 25 letters in a package, in letters A to Z, figures 1 to 9. 1 1/4 in. Per 100, 25c; per 1,000, \$2.25.



**CABINET AND CARD ASSORTMENT.** 1,000 assorted cards and Cedar Cabinet with hinged glass cover, \$7.50. Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection.

### CARDS WITHOUT CABINET.

250 assorted at.....\$1.25 | 1000 assorted at.....\$3.50  
500 " " ..... 2.00 | 2000 " " ..... 6.75

**WHITE ENVELOPES, PLAIN.** Size 2 1/2 x 4 1/4, packed 250 to a box. 250 for 50c, 500 for 85c, 1,000 for \$1.50.

**SCOTCH CELLULOSE TAPE DISPENSER.** Heavy duty, each, \$1.25; weight, 8 lbs.



### TAPE TRANSPARENT

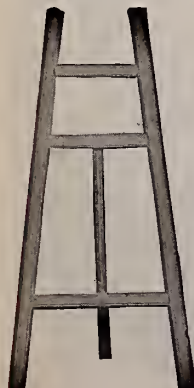
1/4 in. wide, 4 rolls to box, 1 to 5 rolls at 82c each; 6 to 12 rolls at 74c each.

1/2 in. wide, 2 rolls to box, 1 to 5 rolls at \$1.08 each; 6 to 12 rolls at 98c each.

### WOOD EASELS

Strong, well made, finished in white, green and lavender.

Height	Ea.	Per Doz.	Height	Ea.	Per Doz.
36 inch	.40c	\$4.20	54 inch	.60c	\$6.00
42 inch	.45c	4.95	60 inch	.65c	6.95
48 inch	.55c	5.40	66 inch	.70c	7.20



## NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers

Florists' Model F100

For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has 3/8-inch jaw and uses 1/4-inch and 5/16-inch staples as listed elsewhere on this page. Price, each, \$3.25.



### STAPLES

All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 7/16-inch crown, 1000 to a box.

- A—1000 1/4-inch legs. Per 1000, 35c
- L—1000 5/8-inch legs. Per 1000, 35c
- 10,000 lots, per 1000, 30c
- 25,000 lots, per 1000, 27c
- 50,000 lots, per 1000, 25c

## FLORISTS' KNIVES

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



**No. 5A** Each 3 for  
Budding, No. 5A. Black handle; brass lined... \$2.00 \$5.75  
Budding, Beech Wood Handle. Per doz., \$4.00... .40 1 10



**No. 801** Each 3 for  
Budding, Aluminum Handle (Imported), No. 801... \$2.25 \$5.50  
Propagating, No. 1011. Aluminum handle (imported).  
Each, \$2.00; 3 for \$5.00.



Vaughan's Florist (Patterned after Henckel's which cannot be had.)  
Vaughan's Florist—3 for \$3.50..... Each \$1.25  
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$6.75..... 2.50  
Henckel's Nurseryman's Extra Heavy Pruner, No. 3C... 2.75  
Henckel's Pruning, No. 2C..... 2.50  
Putty Knife—No. 120, a very good tool; 3 for \$1.10... Each, \$0.45  
Pruning, Stag handle..... Each, 2.25

Vaughan's Budding and Prop., No. 86281, with Brass Caps, each, \$1.00; doz., \$10.20.

**White Handle, No. 83023W, silver nickel shackle for chain attach.** Each, \$1.10; 3, \$3.00.



# Thermometers

## THERMOMETERS.

8-in., accurate black tin case thermometer, black lithographed scale, red permacolor tubes, each, 30c; doz., \$2.50; 3 doz., \$7.00.

**Tin Case.** Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

**Self Registering Tycos.** No. 5452, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$6.50. Three for \$18.00.

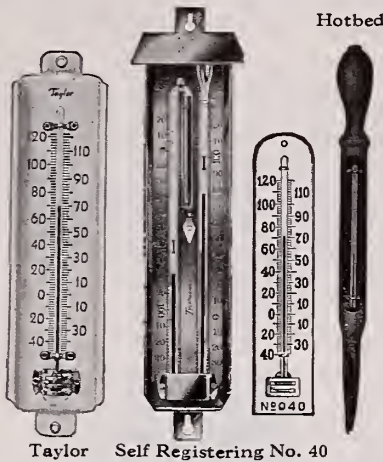
**Self Registering.** No. 5454, complete with magnet for setting. Each, \$4.25. Three for \$12.00.

**Taylor Utility Thermometer.** White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, 8½ inch. Each, \$1.00; three for \$2.75; doz., \$10.00.

No. 5132. Same as above. 7½ inch. Each, 75c; doz., \$7.80.

**Hotbed (Mushrooms).** Brass point, wood frame. 18 in. Hotbed or soil thermometer, guaranteed accurate, each, \$3.25.

No. 40. **Greenhouse.** White porcelain steel frame enameled. Black scale and figures, range 20 to 120 degrees, nonfading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.



### SPECIAL THERMOMETER

6-inch White Thermometer registers from 40 below to 120 above; easy reading non-fading red spirit tube. Each, 30c; doz., \$2.75; three doz., \$7.50.

### PRACTICAL 24-HOUR RECORDING INSTRUMENT

Accurate, reliable automatic records at very low cost. A guarantee card goes with every instrument. Gives complete protection for greenhouses, refrigerators, etc.

Three models for various temperature ranges.

Model A36, measures from 30° to 60° F.

Model B105, measures from 10° to 50° F.

Model B410, measures from 40° to 100° F.

Price all models, each, \$18.00.

Write for descriptive pamphlet.

Charts, 100 for \$1.50.

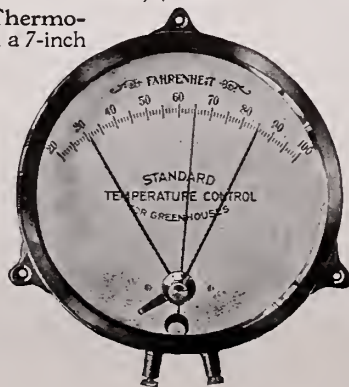
Ink, special non-clogging, bottle, 25c.

**Standard Recording Thermometer**

No. 200. Furnished with daily chart No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$40.00.

**Standard Greenhouse Thermostat.** No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$15.00. Shipping weight, 4lbs.

**Standard Greenhouse Thermostat.** No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$10. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



# Jardiers and Vases

**Jardier Pot Covers.** Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, liners, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinières. Save time and labor over other methods of trim.

## JARDIERS FOR STANDARD SIZE POTS

In Imitation of Pottery—Stucco Effect



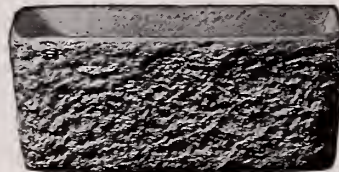
Sizes	Diam. Top Inside	No. Per Carton	Price Per 100
No. 4.....	5¼ in.	100	\$ 8.00
No. 5.....	6¼ in.	80	10.00
No. 6.....	7¼ in.	50	13.00
No. 7.....	8¼ in.	35	20.00

(EXAMPLE: Use No. 6 Jardier for a 6-in. Pot.)

## JARDIER BULB BOX

No. 3 (or 3 in 1)—Curved construction makes possible a perfect fit for three 3-inch clay pots. Makes ideal table center-piece, 12 inches long, 5 inches wide, 4½ inches high. \$20.00 per 100, packed 50 per carton.

## THE JARDIER BULB BOX



No. 4 Jardier Bulb Box

Here is the final solution to bulb and plant "box idea" and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-

aerating—same as Jardier Vases—stimulating plant growth. No. 4—12 in. long—5 in. wide—4½ in. deep. \$20.00 per 100—50 per carton.

Standard Color—Green Special Color—White with Gold Trim.

## JARDIER VASES

Standard Colors—Green—Lavender—With Duo-Tone Finish.

### THE COLONIAL

Standard Colors—Green with Duo-Tone Finish. Special Colors—White with Gold Trim.

9 in. high, 3 in. in diameter, \$12.00 per 100; 60 per carton.

12 in. high, 4 in. in diameter, \$20.00 per 100; 32 per carton.

15 in. high, 6 in. in diameter, \$35.00 per 100; 13 per carton.

NOTE—No. 3, No. 4 and No. 5 Standard Jardiers are extensively used as "vases" for short stemmed flowers.



Colonial



Green Tin Vase

**VASE.** Green Earthenware Cemetery. A strong and ornamental vase that keeps its color. Retail at 50c.

Each, 35c; per dozen, \$3.00; 3 dozen for \$8.50.

**Tin Painted Green, with spike.** Each, 12c; doz., \$1.25; 100 for \$8.95.

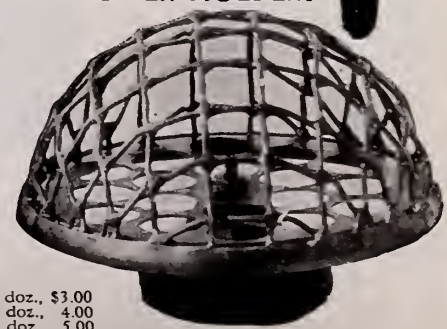


Green Earthenware Vase

## SUCTION FLOWER HOLDERS

Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

3-inch diameter.....	Per doz.,	\$3.00
4-inch diameter.....	Per doz.,	4.00
5-inch diameter.....	Per doz.,	5.00



# Hotbed Supplies

**SASH, Hotbed.** Unglazed, 3x6 ft., for 3 rows, 10-inch double glass, each, \$2.10; 3 for \$6.00; doz., \$21.60. Glazed, double strength, each, \$4.45; doz., \$49.00. Our sashes are made of clear air-dried cypress. Unglazed sashes are not painted. Glazed sashes are painted one coat. 40c crating charge when less than four glazed sashes are ordered. Write for prices and samples on parasite and parachrysh shading cloth, sterilizing blanket. A rubberized fabric for shading mums and other plants.



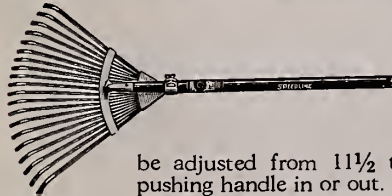
**VITAPANE GLASS SUBSTITUTE.** Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$9.25; 5 roll lots at \$7.40 per roll; when purchased for re-sale, \$6.20 per roll.

**CEL-O-GLASS.** Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$8.35; 100-ft. roll, \$30.50. 28 inches wide, 100-ft. roll, \$24.25.

**WINDOW FABRIC.** Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, it costs much less than glass and for many purposes is superior. Any one can put it up. 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 27 1/2c.

**HOTBED MATS.** These mats are made up out of strong woven duck material for the top, and an even batt of cotton felt treated, for the filling, and the bottom well woven burlap, these mats are stitched in squares to assure durability and to give the proper protection. Size 40x78 inches, each, \$3.00; doz., \$30.00.

**GLASS WOOL.** Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 12 rolls to a carton, 24" x 96" in size, 192 sq. ft. Price per carton, \$6.50; three cartons for \$18.75. Write us for prices on Hotbed Heating Cable and Thermostats.



## SPEEDLINE LAWN BRUME

Improved adjustable spring steel flat finger broom rake. Fingers can be adjusted from 11 1/2 to 20-in. spread merely by pushing handle in or out. Light, durable and attractively finished in blue enamel and bronze. Retail at \$1.10 each. Dealers' price, doz., \$8.50.

### KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down during walking. Price, \$1.25; 3 for \$3.50.



**The Gardenade.** Combines a kneeling pad and a convenient rack for your garden tools. The upright handles are designed to enable you to lower yourself and lift yourself with a minimum of effort. Can also be used in the home when it is necessary to kneel, cleaning floors, etc. Price, each, \$2.25; six for \$10.40.



# Plant Supports



## TWIST-EMS

New handy plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they cannot come unfastened. Tape protects stem against injury. Price: 4-inch, per 1000, 75c; 5000 lots at 60c per 1000; 10,000 to 25,000 lots 58c per 1000; 6-inch, per 1000, \$1.00; 5000 lots at 85c per 1000; 10,000 to 25,000 lots at 82c per 1000. 8-inch, per 1000, \$1.20; 5000 lots, \$1.10 per 1000; 25,000 lots \$1.05 per 1000. 16-inch, per 1000, \$2.25; 5000 lots at \$2.00 per 1000; 10,000 to 25,000 lots at \$1.95 per 1000. Freight Prepaid in lots of 25,000 or over.

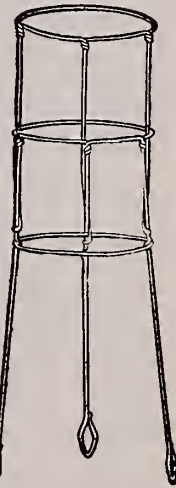
Retail pkgs. consisting of 12 pkgs. of 4-inch and 12 pkgs. of 8-inch ties in attractive display carton. Price \$4.00; retails for \$6.00.

## MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6 3/4 inches, bottom circle 7 1/2 inches; total height of support, extended, 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

Price, 2-ring supports, \$7.50 per 100; \$69.00 per 1,000. 3-ring supports, \$8.50 per 100; \$77.50 per 1,000.

Write for price in large quantities.



**PEONY SUPPORTS.** Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., \$3.25; in 3 doz. lots, doz., \$3.00.

## REEDS AND RAFFIA

**REEDS.** Extra White, prime quality.

Per lb.		5 lbs.	Per lb.	Per lb.		5 lbs.	Per lb.
No. 1	\$.075	\$.375	No. 5	\$.055	\$.275	No. 5	\$.050
No. 2	.070	.350	No. 6	.50	2.50	No. 6	.45
No. 3	.65	3.25	No. 7	.50	2.50	No. 7	.45
No. 4	.60	3.00	3/4-inch Flat	.65	3.25		.50

**RAFFIA.** Natural, Best Grade, F. O. B. Chicago. Lb., 68c; 5-lb. lots, per lb., 65c; 10-lb. lots, per lb., 63c; 25-lb. lots, 60c; 100 lbs., per lb., 58c. Bale lots (about 225 lbs.), per 100 lbs., \$56.00. Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 90c; 5 lbs. at 85c; 10 lbs. at 80c; 25 lbs. at 78c. Samples on application. Above prices subject to change without notice.

## SAXOLIN DUPLEX CRINKLED TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 120 ft. to a roll. Weight about 2 lbs. Each, 50c; 5 rolls for \$2.25; 10 rolls for \$4.35; 25 to 49 rolls at 38c roll; 50 rolls or more at 36c roll.



## EEZY WEAR GARDEN GLOVES

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75c a pair; doz. pair, \$6.60.



# Pots, Tubs, Vases and Hormones

Prices on pots subject to change without notice  
**IMPROVED NEPONSET PAPER FLOWER**



**POTS.** The famous pot with a new usc. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.50	\$ 2.90	\$ 3.15	1,000	10 lbs.
2 1/4	.55	3.00	3.25	1,000	12 lbs.
2 1/2	.60	3.20	3.30	1,000	16 lbs.
3	1.00	3.95	4.20	1,000	24 lbs.
3 1/2	1.10	5.25	5.40	1,000	34 lbs.
4	1.20	6.35	6.60	500	46 lbs.
5	1.85	8.80	9.00	500	74 lbs.
6	2.40	11.50	11.85	500	102 lbs.

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

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

No. of Pots in Crate	Sold in Crate	Price per 1,000	No. of Pots in Crate	Price per 1,000
2 in.	1,500	\$ 8.75	6 in.	117
2 1/4 in.	1,200	11.25	7 in.	99
3 in.	800	14.50	8 in.	50
4 in.	360	2.60	9 in.	28
5 in.	240	4.50	10 in.	24
			12 in.	6

**NEPONSET GREEN POTS—For Growing.** This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.

Size	Quan. per Case	Shipping	Wt. per Carton	Price per Carton
2 inch	1,000		14 lbs.	\$ 5.75
2 1/4 inch	1,000		16 lbs.	6.20
2 1/2 inch	1,000		22 lbs.	6.60
3 inch	1,000		28 lbs.	7.85
4 inch	500		26 lbs.	5.85
5 inch	500		44 lbs.	8.25
6 inch	500		62 lbs.	10.75

**BULB PANS**

Size	Doz.	Per 100
5 inch	\$0.85	\$4.50
6 inch	1.00	6.25
7 inch	1.80	10.35
8 inch	2.35	14.75
10 inch	4.20	31.50

**CLOVERSET PLANT POTS.** An improved pot or container made of tough asphalt-coated laminated waterproof fibre stock, closely riveted so that it will stand much handling; made in four sizes, packed 100 to a carton.

No.	STANDARD		HEAVY WEIGHT		CLOVERSET POTS	
	Wt.	F.O.B. Chicago	Wt.	F.O.B. Chicago	Wt.	F.O.B. Kansas City
0	35 lbs.	\$2.95	35 lbs.	\$26.75	35 lbs.	\$25.00
1	52 lbs.	4.50	52 lbs.	35.60	52 lbs.	33.00
2	77 lbs.	5.25	77 lbs.	42.50	77 lbs.	38.50
3	88 lbs.	5.75	88 lbs.	49.00	88 lbs.	44.00

**SPECIAL LIGHT WEIGHT CLOVERSET POTS**

No.	Wt.	F.O.B. Chicago	F.O.B. Chicago	F.O.B. Kansas City
0	15 lbs.	\$2.25	\$21.50	\$20.00
1	18 lbs.	3.25	28.50	27.50
2	25 lbs.	3.70	34.00	32.50

**A GOOD VARIETY OF SIZES IN THESE FLOWER VASES.**

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Top Diameter	Bot. Diameter	Ht.	Price Per Doz.
253	4 3/4 in.	3 1/2 in.	10 in.	\$ 4.95
255	6 1/2 in.	5 1/2 in.	12 in.	6.90
257	6 1/2 in.	5 1/2 in.	15 in.	7.80
57	5 1/2 in.	3 1/2 in.	5 in.	3.90
59	6 in.	5 1/2 in.	7 in.	5.70
65	7 1/2 in.	6 1/2 in.	8 in.	6.80
66	9 in.	7 1/2 in.	10 in.	7.80
68	9 in.	7 1/2 in.	12 1/2 in.	10.20
69	9 in.	7 1/2 in.	18 in.	11.40
70	9 in.	7 1/2 in.	24 in.	13.20



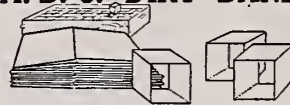
Galv. Vase

**AZALEA POTS, Also Suitable for Boston Ferns**

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100
6 inch	117	9 inch	28
7 inch	99	10 inch	24
8 inch	50	12 inch	6



**A. B. C. DIRT BANDS**



Made of cardboard chemically treated for growing plants in flats.

Packed approx. 5,000 to a carton; special price on larger quantities.

Size	Weight Per 1,000	Per 1,000	In Lots of 5,000
1 1/4 x 1 1/4 x 2 1/4	12 lbs.	\$2.10	\$1.75 per 1,000
2 x 2 x 2	10 lbs.	1.95	1.65 per 1,000
2 x 2 x 2 1/2	13 lbs.	2.15	1.85 per 1,000
2 1/2 x 2 1/2 x 2 1/2	15 lbs.	2.35	2.00 per 1,000
3 x 3 x 3	22 lbs.	2.65	2.25 per 1,000
4 x 4 x 3	26 lbs.	3.25	2.80 per 1,000

**FLOWER TUBS, "Richmond Style."** These are made of

best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.



Inside Top Diameter	Depth	Price Each	Four for	Inside Top Diameter	Depth	Price Each	Four for
No. 1. 7 in.	6 in.	\$0.65	\$ 2.40	No. 9. 14 in.	13 in.	\$1.75	\$ 6.60
No. 2. 7 in.	7 in.	.70	2.60	No. 11. 16 in.	15 in.	1.95	7.40
No. 3. 8 in.	8 in.	.75	2.80	No. 13. 18 in.	17 in.	2.85	11.20
No. 5. 10 in.	9 in.	.90	3.40	No. 14. 19 in.	18 in.	3.40	13.20
No. 7. 12 in.	11 in.	1.15	4.40				

In lots of 12 tubs, less 5%. If handles are required, add 35c per tub.

**HORMODIN The Root-Forming Chemical**

A higher percentage of successfully rooted cuttings is assured through the simple, low cost Hormodin treatment. Write for Leaflet. Prices F. O. B. shipping point. Hormodin is available. Treatment consists in immersing the basal ends of cuttings in a solution of Hormodin, of recommended strength for from 4 to 48 hours according to directions. Cuttings so treated root quicker and have more growing roots.



Size of Pkgs. in B. T. L. Units	Price per Package
20	\$.50
60	1.00
240	2.50
480	4.50
960	8.00

All Postpaid.

**Hormodin Powder** Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.

No. 1 Powder 1 1/4-oz. tin, each, 50c; lb., \$3.00. No. 3 Powder 1-oz. tin, each, \$1.00; lb., \$4.50.  
 No. 2 Powder 1 1/4-oz. tin, each, 75c; lb., \$4.50.

**Mackwin Vitamin B1** A display card of 24—1/2 oz. bottles of liquid vitamin B1. Price \$5.30; retails at 35c each.

**ROOTONE**  
 PATENTS PENDING



A Hormone powder easy to use; anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, 1/2-oz. pkt., 25c; doz., \$2.00; 2-oz. jar, enough to treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet all postpaid.

**Transplantone** For treatment of transplants of all kinds it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. 1 oz., 50c; 3 oz., \$1.00; 1 lb., \$4.00.

**Fruitone.** The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2 oz., \$1.00, (makes 25 gal. spray); 12 oz., \$5.00. Write for price on larger quantities.

**Zoom Vitamin B1.** The bottle has a dropper top. 2-oz. bottle, each \$1.00; display box of 12 bottles, \$7.33.



**KEMP IMPROVED POWER SOIL SHREDDER**

Prepares any kind of soil, wet, dry, or stony — for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

**KEMP POWER SOIL SHREDDER No. 6**

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower.

Low in price and economical to operate. Powered with a 1/2 H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

**SPECIFICATIONS**

Length.....38"  
Width.....22"  
Height at discharge end.....36"  
Height at hopper.....33"  
Weight.....200 lbs.  
Power.....1/2 H.P.  
Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$100.00  
(F. O. B. Erie, Pa.)

Write for prices on other sizes.

**KEMP SOIL SHREDDERS**

- No. 5 powered with 3/4 H.P. Peerless electric motor with switch and 25 ft. of cord.....\$200.00
- No. 5 powered with 1 1/2 H.P. Briggs and Stratton gas engine.....210.00
- No. 5 less engine or motor.....165.00
- No. 1 powered with either 2 H.P. Cushman gas engine or 1 1/2 H.P. Peerless electric motor with switch and 25 ft. of cord.....270.00
- No. 1 complete without motor or engine.....205.00
- No. 1 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....195.00
- No. 2 powered with either 4 H.P. Cushman gas engine or 3 H.P. Peerless electric motor with switch and 25 ft. of cord.....405.00
- No. 2 complete without motor or engine.....300.00
- No. 2 without motor or engine, belt or belt-shield, but with pulley for operating with tractor.....290.00

Note: Prices for machines with electric motors are for one, two and three phase motors. For special currents, prices will be furnished on request. In ordering, be sure to state phase of current and voltage

**ZOTOX CRAB GRASS KILLER**

An amazing new chemical which kills both the seeds and plants of Crab Grass (Water Grass) in lawns. Prevents recurrence the following year. Not Toxic to soil. Must be applied in fall. 1 lb. treats 1000 to 2000 sq. ft. Price, 1 lb. \$1.50; 2 lbs., \$2.50; 5 lbs., \$4.50. Circular free on request.

**PROTEX**

A protection for coniferous and deciduous plants and the broad-leaved evergreens, replacing burlap, etc. It has a latex base and after spraying, a thin colorless, transparent film of porous rubber is left which permits normal respiration. Winter Protex shields against cold and freezing conditions, and the drying action of wind and sun; it expands with growth and does not bind; new buds penetrate readily; rain does not wash it away. One gallon of winter Protex will protect 12 to 15 trees of 12 inch diameter, or 20 to 30 three foot broad-leaf evergreens, or 250 to 300 rose bushes of transplanting size.

**Winter Protex**

55 gallon drum, \$2.50 per gallon; 5 gallon cans, \$15.00 each; 1 gallon, \$3.50 per gallon; 1 quart can (sample can), \$1.00 per quart.



**TERRA COTTA GRASS GROWING HEADS**

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head. Keep in a saucer to protect the furniture.

We can supply "Sunny Jim," with seed, per doz., \$3.00, packed 24 to a carton at \$5.80 per carton. Retail at 40c each.

We can also supply the larger heads, "Buddy" with seed at doz., \$3.85; per carton of 24, \$7.20. Retail at 50c.



**Happiness Vase (Blue)**

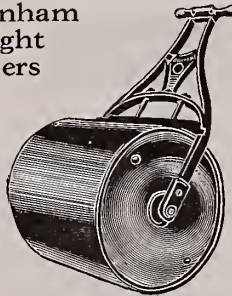
Packed 12 to a corrugated shipping carton, one each in a paper carton. \$2.25 per doz. f.o.b. Chicago.

**HYACINTH GLASSES.** In Amber, Green, Ruby and Crystal. \$3.00 per doz., 3 doz., \$8.25.



**Genuine Dunham Water-Weight Lawn Rollers**

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.



No.	Diam. in.	Length in.	Sec. tions	Wt. empty	Filled water	Price
WB5	18	24	1	85	265	\$12.25
WB7	24	24	1	110	420	15.25
WB9	24	32	1	130	565	17.20

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	Diam. in.	Length in.	Sec. tions	Wt. empty	Filled water	Price
WB2	14	24	1	68	175	\$ 8.95
WB4	18	24	1	82	265	10.50

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. Price, \$6.85.

**New Champion Water Weight Roller**

No. 100. Diameter of drum 12 1/2 inches; length of drum 18 inches; weight empty 29 lbs.; filled with water 100 lbs. Filled with sand 150 lbs. Price, \$4.50.

Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

Prices Subject to Change without Notice.

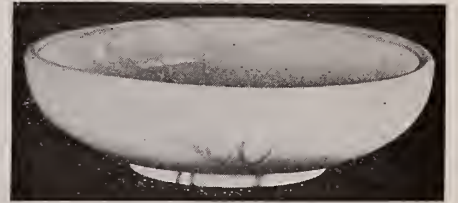
**Bowls For Growing Bulbs**



**No. A. Pottery Bulb and Flower Bowl Assortment.** This assortment consists of the following: 15-6" bowls, 15-7" bowls and 6-8 1/2" bowls. The assortment retails for about \$15.00 and comes in assorted colors of yellow, blue, old rose and white. Price per complete assortment \$9.25.

**F. L. Style Pottery Bowls, in Blue, Yellow, Old Rose and Green.**

6-in. diam., doz., \$2.70; 7-in. diam., doz., \$3.60; 8 1/2-in. diam., doz., \$4.80.



**V100. Mottled Marble Finish Bowls.** These bowls have a very artistic mottled marble effect and should not be compared with ordinary pottery bowls. 7-inch. Doz., \$5.40.

**Pearl Chips and Prepared Bulb Fibre**

For growing Bulbs in Bowls and Pots.

**Bulb Fibre.** Prepared for growing Bulbs in bowls at 10 lbs., 85c; 25 lbs., \$1.60; 100 lbs., \$4.75.

**Pearl Chips, White,** for growing Bulbs in bowls at \$2.75 per 100 lbs; 500 lbs., \$12.00.

**Pearl Chips, Colored,** \$3.00 per 100 lbs; 500 lbs., \$13.75.

**White and Colored Pearl Chips.** Packed in small boxes of approximately 1 lb. 36 to a carton. White, price per carton, \$2.00; Colored, per carton, \$2.25.

**White and Colored Polished Whole Shells.** Put up in small packages. 36 to a carton. White, per carton, \$2.00; Colored, per carton, \$2.25.

Write us for prices on larger quantities.

Place orders early to insure getting desired colors.

**WHEELBARROWS**



**Vaughan's Greenhouse.** Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The wheel is of steel, 17 inches high, with 2 1/2-inch thread; the axle is 15 inches wide. Made of the best material. Legs reinforced, spread of handles at hand-hold 20 inches, which is extreme width of barrow. Price, each, \$9.45. Equipped with a pneumatic wheel as illustrated. Price, \$16.35.

**DELUXE HOME GARDEN OR GOLF COURSE WHEELBARROW**



Lightest practical full-sized utility barrow on the market, yet sturdy enough to carry a load of 250 lbs. Size of tray 32x29 inches, capacity 3 cubic feet, weight 35 lbs. Channel steel legs, hardwood handles. Wheel cadmium plated steel disc type, tire 10x2 3/4 inches. Doenut single tube cord. Price, \$7.95; 3 for \$22.50.

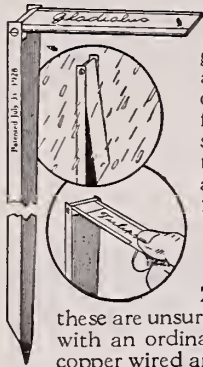
Wheelbarrow Wheel with rubber tire. 4-ply tire and wheel, complete, \$6.95. Shipping weight, 12 lbs.

## Labels for Plants, Pots and Gardens



**PLANT MARKERS.** Oval top; made of heavy galvanized sheeting, 9 in. long, per 100, \$3.25.

**ROCK GARDEN LABELS.** 4-in. galvanized small oval bowl for rock gardens, per 100, \$3.25; small bottle black ink for marking the above, each, 35c.



**PEERLESS ALL METAL PLANT MARKERS.** Non-rusting, made of copper bearing galvanized metal, finished in foliage green; no acid painting or special ink necessary. The ordinary lead pencil is the very best thing to use for writing the names. No hunting for some special stake; merely take the first one you come to and change the card. This is very quickly and easily done. **Quantity Discount:** 200, less 5%; 300 or more, 10%.

	Doz.	25	50	100
12-in.,	\$1.45	\$2.25	\$3.95	\$6.75
18-in.,	1.75	2.95	5.25	9.50

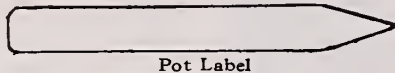
**ZINC TREE LABELS.** For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3 3/4 x 3/4 inches. Price per 100, \$1.50.

**COPPER LABELS.** Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.

**EVERLASTING ZINC LABEL. A** permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 50c; 500 for \$1.95; 1,000 for \$3.25; 5,000 for \$14.75.



**LABELS (Pot).** We carry the best quality of Wooden Labels made. They are smooth, strong and neat, 5/8 inch wide.



Pot Label

When ordering specify pot labels or garden stakes, painted or plain.

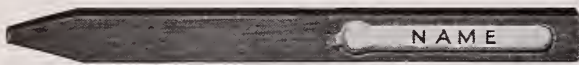
	Packed to Carton	Plain, Per 1000	Painted, Per 1000
4-inch.....	1000	\$1.55	\$1.95
5-inch.....	1000	1.80	2.20
6-inch.....	1000	2.00	2.50
8-inch.....	500	2.50	3.00
10-inch.....	500	3.00	4.00
12-inch.....	500	4.00	5.00

### GARDEN STAKES

8-inch—1/8 inch wide.....	250	4.35	5.35
10-inch—1/8 inch wide.....	250	5.35	6.35
12-inch—1 1/8 inch wide.....	1000	7.75	9.75

**LABELS (Tree).** Wooden, 3 1/2 in copper wired. Per 1000, plain, \$1.95; 5,000 to 9,000, per 1,000, \$1.85; 10,000 or more, per 1,000, \$1.70; painted, per 1,000, \$2.40; 5,000 to 9,000, per 1,000, \$2.30; 10,000 or more, per 1,000, \$2.20.

**WEATHER-PROOF PENCILS.** For marking labels. Will not rub off or fade. Each, 10c; doz., 85c.



**GARDEN KING MARKERS.** Water-proof and dirt-proof. Garden green color so that it blends right into the foliage; treated with a preservative that protects against decay; undercut groove contains white chemically treated water-proof name card covered by a dirt-proof transparent window. Price, 12-inch, per 100, \$2.25; 500 for \$9.50; 18-inch, per 100, \$2.50; 500 for \$11.50.

**GARDEN KING TREE OR SHRUB MARKER.** 4-inch copper wired. Per 100, for \$1.75; 500, for \$8.00; 1,000 for \$15.00.

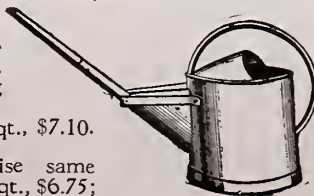


**SIEVES.** For sifting soil. 18 inches in diameter, all sizes mesh from 1/8 to 1/2 inch. Each, \$1.45. Three for \$4.00.

### WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.95; 6-qt., \$5.60; 8-qt., \$6.20; 10-qt., \$6.75; 12-qt., \$7.10.

**French Style.** Oval, otherwise same make as above. 6-qt., \$6.25; 8-qt., \$6.75; 10-qt., \$7.25; 12-qt., \$7.65.



French Style

## PLANT STAKES—A Full Line

### CANE STAKES.

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price: If shipped from Chicago, per 100, \$1.25; 500 for \$5.50; per 1000, \$9.75. If shipped from New York, per 100, \$1.50; 500 for \$6.75; per 1,000, \$12.00. Special price on larger lots on application.

### Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago		F. O. B. New York	
	Per 100	Per 1000	Per 100	Per 1000
1 1/2 feet.....	\$0.60	\$2.75	\$ 4.60	\$0.50
2 feet.....	.85	3.95	6.00	.75
2 1/2 feet.....	.95	4.65	7.75	.80
Natural, 6 ft.....	1.90	12.50	.....	.....
3 feet.....	1.20	5.60	9.20	1.00
3 1/2 feet.....	1.50	6.60	11.25	1.35
4 feet.....	1.70	7.75	12.90	1.50

Write for price in bale lots.

**Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for \$1.15; 500, \$3.75; 1,000, \$6.75.**

Write for price on green painted light and heavy wood stakes.

**Heavy Chinese Tonkin Stakes, Natural Colors.** Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. Chicago	
		Per 100	Per 1000
4 ft.	1/2 to 5/8 inch.....	\$4.75	\$5.25
4 ft.	5/8 to 3/4 inch.....	5.00	5.75
5 ft.	3/4 to 7/8 inch.....	5.75	6.50
6 ft.	7/8 to 1 inch.....	6.50	7.25
8 ft.	1 to 1 1/8 inch.....	7.25	8.25

**Galvanized Steel Wire Stakes.** Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes; write us for price on quantities, delivered to your nearest freight depot. **Quantity Discounts:** 2,000 to 5,000, 3%; 6,000 or more, 5% from 1,000 price. Write for prices on shorter or longer stakes.

No. of Gauge— No. 9 Wire	No. 8 Wire			
	Per 100	Per 500	Per 1000	Per 5000
3 ft.....	\$1.70	\$ 7.75	\$13.60	\$2.10
4 ft.....	2.00	9.00	15.95	2.50
5 ft.....	2.50	11.75	21.50	3.20
6 ft.....	2.95	13.50	24.25	3.80

**PLANT TIES Lighting Wire.** Per box of 1,000, \$2.00; 5 or more boxes, \$1.80 per box. Shipping weight per box, 2 lbs.

**LIP, Blake's New Loop Lever.** For roses, mums, etc., up-to-the-minute stake holders; hold stakes with firm grip.

Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price \$2.00 per 1,000. 5,000 for \$9.50. Samples mailed free.

**STAKE FASTENERS.** Everlasting, packed 500 to a box, per box, \$1.25; 10 boxes or more, \$1.10 each.

**GRAFTING WAX.** Per 1/4-lb. bar, 20c; 1/2-lb. bar, 30c; 1 lb., 50c.

### ELECTRO STATIC LAMP

**The Light that Kills (Ignis Mortis)**  
Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution all insects attracted to it by the light at night and bait in daytime. Harmless to domestic animals. Price, \$13.85



### SUCCESS SELF-WATERING FLOWER BOXES.

Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. Outside dimensions of Window Boxes, Model A:

Length	Width	Depth	Price
24 inch	8 1/2 inch	6 1/2 inch	\$1.45
30 inch	8 1/2 inch	6 1/2 inch	1.75
36 inch	8 1/2 inch	6 1/2 inch	2.45
42 inch	8 1/2 inch	6 1/2 inch	2.95

Packed six in a crate. 10% discount on crate lots.

# Vaughan's High Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

Prices for Florists F. O. B. New York.

**SUPERPHOSPHATE.** 20% bone phosphate in the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., 80c; 50 lbs., \$1.10; 100 lbs., \$2.00; 500 lbs., \$8.00; 1,000 lbs., \$14.00; 2,000 lbs., \$26.00.

**BONE AND BLOOD.** For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.15; 50 lbs., \$1.85; 100 lbs., \$3.25; 500 lbs., \$16.00; 1,000 lbs., \$30.00; 2,000 lbs., \$58.00.

## BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; 1,000 lbs., \$23.00; 2,000 lbs., \$45.00.

## BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent. Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; 500 lbs., \$15.00; 1,000 lbs., \$30.00; 2,000 lbs., \$55.00.

**REGULAR BONE MEAL.** 25 lbs., \$1.10; 50 lbs., \$1.80; 100 lbs., \$3.00; 500 lbs., \$15.00; 1,000 lbs., \$28.00; 2,000 lbs., \$55.00.

**RAW BONE COARSE.** Price, 100 lbs., \$3.50; 500 lbs., \$16.00; 1,000 lbs., \$32.50; 2,000 lbs., \$60.00.

**DRIED BLOOD** For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$1.75; 50 lbs., \$2.50; 100 lbs., \$4.45; 500 lbs., \$22.00; 1,000 lbs., \$42.50; ton, \$83.00.

**FLORANID UREA** A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, 1 lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00.

**FAIRWAY GRASS FOOD.** Compounded for feeding grasses and for no other purpose; recommended by leading turf specialists for use on lawns, golf courses and parkways. Price, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$65.00.

Write for quantity prices.

**LOMA.** A well balanced plant food for all plants. Price, 1-lb. pkgs., 24 in case, per case, \$1.44; 5-lb. carton, 12 in a case, per case, \$3.60; 10-lb. bags, packed, 10 in a jute sack, per sack, \$5.70; 25-lb. bags, 4 in a sack, per sack, \$4.20; 50-lb. bags, 2 bags to a sack, per sack, \$3.54; 100-lb. bags, \$2.90 (300 lbs. or over Freight Prepaid). Prices slightly higher in New England States.

**HARDWOOD ASHES.** (Imported). A fall lawn dressing. Insures a thrifty growth and dark color. Price, 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$2.75; 500 lbs., \$13.00; 1,000 lbs., \$22.00; 2,000 lbs., \$42.00.

**HORN SHAVINGS.** Synthetic quick-acting and lasting. Price, 5 lbs., 75c; 10 lbs., \$1.10; 25 lbs., \$1.65; 50 lbs., \$3.20; 100 lbs., \$5.85; 500 lbs., \$27.50; Write for prices on larger quantities.

**SHEEP MANURE WIZARD BRAND.** This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Price, 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$2.35; 500 lbs., \$11.50; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

**NITRATE OF SODA or Chili Saltpeter** Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.00; 1,000 lbs., \$28.00. Write for prices on larger quantities.

**HYPONEX PLANT FOOD.** For growing plants in soil, sand or water. Ideal for starting seeds and cuttings. 1 teaspoon makes a gallon of plant food; 1 lb. makes 100 gallons. Price, 3 oz., 25c; 1 lb., 67c; 10 lbs., \$5.35; 25 lbs., \$10.00; 50 lbs., \$16.67; 100 lbs., \$26.67.

**SHREDDED CATTLE MANURE WIZARD BRAND.** An efficient high-grade natural fertilizer for all general purposes, manufactured by special process, from selected fresh cleanings from cattle pens. Price, 100 lbs., \$2.60; 500 lbs., \$12.50; 1,000 lbs., \$23.00; 2,000 lbs., \$44.00.

**ELECTRA 4-9-3.** A great favorite with private estate gardeners and commercial growers. High in organics. 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.75.

**VIGORO.** It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. Price, 100-lb. bag, \$2.75; 50-lb. bag, \$1.70; 25-lb. bag, \$1.00; 10-lb. pkg., 6 to a case, \$3.36; 5-lb. pkg., 14 to a case, \$4.06; 1-lb. pkg., 32 to a case, \$1.92.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates. We are not responsible for loss of weight, due to evaporation, of imported fertilizers.



Growers report gratifying results with seedlings, cuttings and growing plants on benches and in fields. Damping off reduced 75% by starting seeds in sand; transplantings made in half the time. By promoting strong root growth, Kem causes grass to grow quicker and stronger. Dilutes up to 89 parts water to 1 part Kem. Price, 12 oz., size retails for 25c; doz., \$2.00; quart size, retails for 50c; doz., \$4.00; gal., size, retails for \$1.00; case of 4, \$2.75.

**NOTE—**Owing to the delays and uncertainties of Imported Fertilizers, we cannot guarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received. Prices subject to market fluctuations.

## Soil Testers

### The Sudbury Horticultural Soil Test Kit, \$9.75

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$9.75.



**Testing Fluid for Refill—**Specify whether for nitrogen, phosphorus, potash or acidity. 2 oz., 75c; 6 oz., \$1.50.

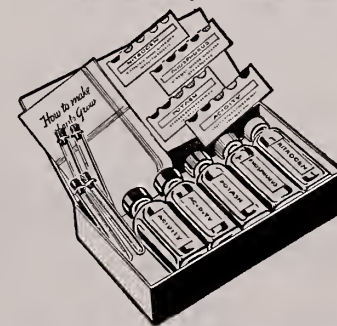
**The Sudbury Professional Soil Test Kit—**Contains enough material for 200 individual tests. Price complete with instructions, \$18.50.

### The Sudbury Home Gardener's Soil Test Kit, \$1.50

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greengrocers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately. The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, \$1.50.

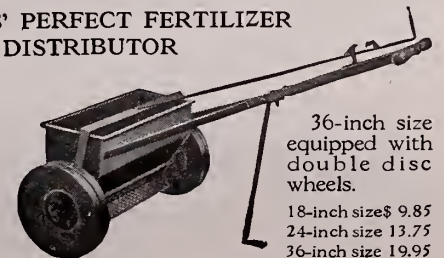
**Testing Fluid for Refill—**Specify whether for nitrogen, phosphorus, potash, or acidity. 2 oz., 75c; 6 oz., \$1.50.

**New Club Model Kit.** An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$3.85.



### MASTERS' PERFECT FERTILIZER DISTRIBUTOR

Spreads any kind of commercial fertilizer, grassseed and top dressing. It has a shut-off control and adjusting device right on handle.



36-inch size equipped with double disc wheels.

18-inch size \$ 9.85  
24-inch size 13.75  
36-inch size 19.95

# Rubber Hose, Couplers, Nozzles, Etc.

## VAUGHAN'S FLORIST GUARANTEED HOSE

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

**Guarantee**—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

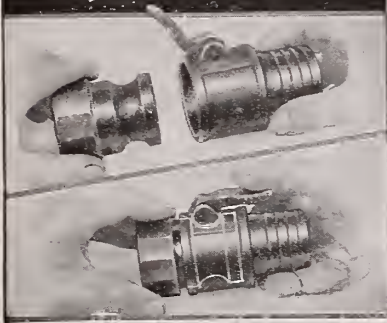
25 to 49 feet..... per ft., 19c | 50 to 99 feet..... per ft., 18½c | 100 to 400 feet..... per ft., 18c  
In bales of 500 ft., 17½c ft.



**CORRUGATED HOSE.** High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 12½c ft.; 100 to 500 ft., 12c ft.

Price ¾ or ½-inch couplings 25c per set; sample mailed free if desired.

**JUST PRESS THE LEVER—**  
Instant, tight connection—  
a great time-saver!



**SPRAY HOSE.** For high pressure spraying. ¾-in., per ft., 20c; ½-in., per ft., 23c.

### HOSE COUPLING.

**Improved Ever-Tight.** No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., \$4.80.

**Corrugated Brass hose coupling,** for ½ or ¾-in. hose. Each, 23c; doz., \$2.20. 1-in., each, 45c; doz., \$4.20.

**MEYER ¾-INCH HOSE COUPLING.** Connects the hose instantly by a straight push-on, and disconnects by twisting the ejector on faucet end slightly to the right. Complete coupling, each, 50c; doz., \$6.00. Faucet end, each, 20c; doz., \$2.40. Hose end, each, 30c; doz., \$3.60.

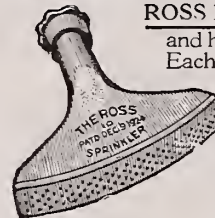
**HOSE STRAPS, Caldwell.** For ½, ¾ and 1-in. hose. Doz., 40c; gross, \$3.50.



**PERFECT CLINCHING HOSE COUPLER.** ¾-inch. Per pair, 30c; per doz., \$2.90.

**PERFECT CLINCHING HOSE MENDER.** Each, 12c; doz., \$1.10.

**HOSE WASHERS.** ¾-inch. Doz., 5c; gross, 45c.



**ROSS No. 10 SPRINKLER.** Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75c; doz., \$8.00.

### HOSE MENDER. The

**Cooner.** It is simple, practical and effective. It does not reduce the diameter of the hose, it will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½ or ¾-inch hose, each, 10c; 4 for 35c; doz., 85c. 1-inch hose, each, 12c; doz., \$1.20



### HOSE NOZZLES.



**"Chicago"**—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, \$3.50.

**Paradise Syringing Nozzle.** 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35c.

**Boston Rose Spray Nozzle**—



Brass, ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.35; by mail, \$1.45.

**"Justrite Nozzle"**—Throwing all variations, from fine spray to stream. Each, 50c; doz., \$5.40.



## Pruning Tools

**SAWS (Atkins) Double-Edged Pruning.**

16-in. . \$1 35  
18-in. . 1 50  
20-in. . 1 65



**TRIMMER, California Pole.** Curved, draw-cut saw with crook for removing branches. Each, \$2.35; 3 for \$6.50.

**Forester Pruning Saw.** Makes heavy pruning easy and saves time. 26 inches long. Each, \$2.15; 3 for \$6.00.

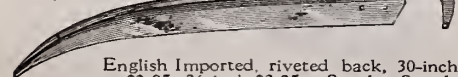
**Utility Speed Pruning Saw.** Length 26 inches, curved blade. Each, \$3.90.

**TREE PRUNERS.** Waters' 6-ft., \$1.95; 8-ft., \$2.25; 10-ft., \$2.50; 12-ft., \$2.85. Extra blades, each, 25c.

**No. 4 Jointed Tree Pruner,** 12 ft., in three 4-ft. sections. Each, \$7.75.

### SCYTHE BLADES

**Kelly Cloverleaf Dutch grass scythes,** 32-inch, ea., \$1.50.



English Imported, riveted back, 30-inch, \$2.95; 36-inch \$3.25. Scythe Snath, each, \$1.95. Scythe Stone, Natural, 25c each.

**SHEARS, Pruning.** 6-in., \$1.60; 9-in., full polished with ratchet, American made, best quality, \$1.75. Extra springs, ea., 15c.



**Henckel Twin Brand Imported Pruning Shears,** with ratchet.

7½-inch....Each, \$4 50 | 9½-inch....Each, \$5 50  
8½-inch....Each, 5 00

**Henckel, California pattern,** with brass spring, \$5.00.



**Snap Cut Pruner.** Full polished. Each, \$1.85.



**THE PORTER POINTCUT PRUNER**  
Light in weight, 2½ lbs., 20 inches long. Easy to use in close places. Price, \$4.75.



### FORESTER PRUNERS

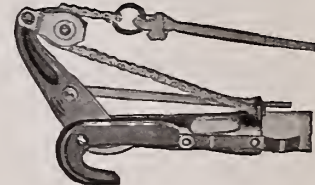
**No. 1**—20 inches long, designed for the fruit grower. Each, \$4.50. Weight, 2 lbs. 10 oz.

**No. 2**—27 inches long, has a capacity up to 1½ inch in green wood. Price, \$5.75. Weight, 4 lbs., 10 oz.

**No. 3**—34 inches long, capable of cutting up to its rated capacity in any so-called hardwood such as oak, maple and beech. Weight, 7 lbs. 4 oz. Each, \$7.00.

### IMPROVED TELEPHONE PRUNER. A

strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage. No. 12 cuts 1½-inch branches, No. 11 cuts 1-inch branches. No. 11 Pruner Head only, \$2.50. Price complete with one head pole, 6 ft., and two 6-ft. extension poles, \$10.50. No. 12 Pruner head only, \$5.75. Price complete with head pole and two 6-ft. extension poles, \$16.50.





# Wreath and Bouquet Materials

**GRASS RUG or MATS (RAFFIA)** Green, finest quality. 72 inches long, 36 inches wide. Each, \$3.25; doz., \$33.00.

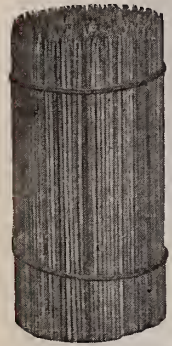
**SPLIT BAMBOO. Plant Stakes.** 12-inch: per 1000, \$1.60; per bale of 2000, \$3.00; 18-inch: per 1000, \$2.15; per bale of 2000, \$4.00.

**WIRED PICKS.**

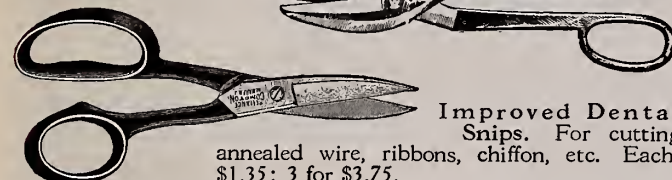
2½-inch Plain.....	Box of 10,000	\$ 2.50
3 -inch Green.....	Box of 8,000	3.25
4 -inch Green.....	Box of 4,500	2.95
6 -inch Green.....	Box of 3,000	2.50
2½-inch Plain.....	Case of 50,000	10.95
4 -inch Green.....	Case of 10,000	5.45

**MATCH or HYACINTH STICKS.**

Dyed green; 5-inch, 65c; 12-inch, \$1.45; carton of 9000, \$11.75; 18-inch, \$1.95 per 1000; carton of 6000 at \$10.50.



**FLORISTS' SNIPS** (Especially suitable for cutting wire, etc.) Each, \$1.35; 3 for \$3.75.



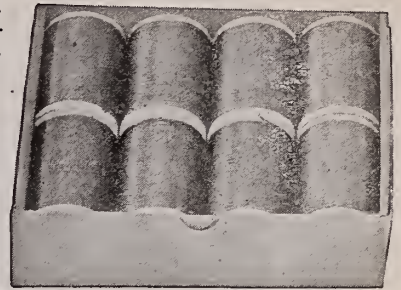
**Improved Dental Snips.** For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.35; 3 for \$3.75.

**TWINE "The Queen" White Cotton Twine.** 3 or 4-ply. Put up in 5-lb. sacks, 30 balls to a sack. Price, \$2.75. Write for prices on larger quantities.

**Florists' Thread, Green.** Myers' best brand. Similar to Silkaline, 8 spools to a box. Per lb. box, \$1.00; 10 boxes at 95c per box.

**Green Sea Island Twine.** Used for wrapping small packages—also for spray and design work. Put up in balls. 1-lb. box, 75c; 5 boxes at 70c per box.

**Green Sea Island Twine.** 2 lbs., per cone, \$1.30; 3 cones for \$3.60.



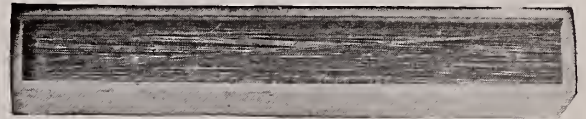
**WIRE.** (Prices subject to change). Florist Wire on 12-lb coils

No. 18.....	\$1.40
No. 20.....	1.60
No. 22.....	1.70
No. 24.....	1.95
No. 26.....	2.20
No. 28.....	2.50

**FLORISTS' CUT WIRE.** Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

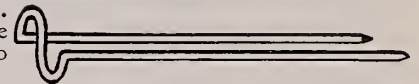
No.	18	20	21	22	24	26
Price.....	\$1.45	\$1.55	\$1.70	\$1.80	\$2.40	\$3.20

**GALVANIZED WIRE COILS.** Used for stringing benches in Carnation and Rose houses. No. 16, per 12-lb. stone, about 1200 ft., \$1.75; 100-lb. coil, \$8.75. No. 18, per 12-lb. stone, about 1800 ft., \$1.85; 100-lb. coil, \$9.25.



**FERN PIN.** New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$1.85.



**PINS, GREENING.** Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., \$1.85 per box of about 10,000.

**BULL DOG CLIPS.** The clip with the grip. Per box of 1,000 clips, 50c; 10 boxes for \$4.50.

Prices Subject to Change Without Notice.



# Mushroom Spawn and Profitable Greenhouse Vegetables

**CUCUMBER—"The Vaughan"**

**The Vaughan.** (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., 20c; oz., 50c; ¼ lb., \$1.50.

**CUCUMBER—English Frame Variety**

**Rollison's Telegraph.** Greenhouse, English grown. Pkt., 25c; oz., \$2.00.

**Lettuce**

**GRAND RAPIDS FORCING:** Vaughan's Selected Stock for Greenhouse Use. This grand forcing variety is the hardest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for this purpose. Vaughan's Extra Selected Stock. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75.

**Bibb.** A favorite forcing lettuce in Kentucky and well worth trying in a limited way in the north. Especially favored by high class hotels. Smooth leaf dark green and small head but of exceptionally high flavor. Pkt., 25c; oz., 50c;

**Mushroom Spawn**

(NEW SPORE CULTURE)

One brick will plant 10 square feet. Price, per brick (weight about 1 lb.), 35c; 5 bricks, \$1.50; 10 bricks, \$2.50; 100 bricks, \$18.00. Not prepaid. No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.

**Sterilized Bottle-Spawn**

Under ideal conditions of temperature and moisture, loose or bottle-spawn will start running sooner and give quicker results than the brick spawn. Price per doz. bottles, \$7.50 not prepaid; per bottle 75c; prepaid within third zone. One bottle covers 35 to 40 square feet.

**Radish**

**Improved Early Scarlet Globe.** Vaughan's Selected Stock. The standard red radish for hot-bed and forcing use. An unequalled strain of this most popular sort. Oz., 15c; ¼ lb., 35c; 1 lb., 90c; 10 lbs. or more, 85c per lb.

**Tomatoes for Forcing**

★Those starred are resistant to Tomato Wilt

In the Greenhouse each tomato plant should produce at least 18 lbs. of fruit to pay for space occupied. It is therefore important that nothing but those yielding heavy crops should be used. We have selected the best strains possible for production, quality and resistance.

★Lloyd (red) and Long Calyx (red) are quite similar and both heavy yielding, the Lloyd may be a little heavier.  
 Mich. State, bred to Michigan conditions where there is an excess of cloudy weather yet produces a heavy crop. A red tomato smooth and very productive. Pkt., 25c; oz., \$1.50.  
 Livingstons Globe (pink). Pkt., 25c; oz., \$1.50.  
 Grand Rapids (red). Pkt., 25c; oz., \$1.50.  
 Bonny Best (red).  
 Globelle (pink). Pkt., 50c; oz., \$3.50.  
 The above all produce heavier than Marglobe, another resistant type  
 All above, except as noted. Pkt., 25c; oz., \$1.00.



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

# Larger Profits In Quality Seed

## FANCY GRASSES

All grass seed prices subject to change without notice. Orders will be booked at the lowest price on day received. We particularly call your attention this year to possible price changes because of the extreme uncertainty in seed markets due to the war.

**KENTUCKY BLUE GRASS.** Our blue grass is all re-cleaned to fancy purities with low weed content and is of high germination. Fancy. Purity 85% or better. Full bags (112 lbs.), 18½¢ per lb.; broken bags, 19½¢ per lb.; 10 to 25 lbs., 20½¢ per lb. Standard. Purity 80% or better. Full bags (112 lbs.), 18¢ per lb.; broken bags, 19¢ per lb.; 10 to 25 lbs., 20¢ per lb. Extra Fancy. Purity 92% or better. Full bags (112 lbs.), 20¾¢ per lb.; broken bags, 21¾¢ per lb.; 10 to 25 lbs., 22¾¢ per lb. Refined. Purity 98% or better. Full bags (112 lbs.), 23¢ per lb.; broken bags, 24¢ per lb.; 10 to 25 lbs., 25¢ per lb.

**RED TOP, Refined.** Extra Re-cleaned Purity 98%. Full bags (about 100 lbs.), 12½¢ per lb.; broken bags, 13½¢ per lb.; 10 to 25 lbs., 14½¢ per lb. Bags 30¢ each extra. Extra Fancy. Purity 95%. Full bags (about 100 lbs.), 11½¢ per lb.; broken bags, 12½¢ per lb.; 10 to 25 lbs., 13½¢ per lb. Bags 30¢ each extra. Fancy. Purity 92%. Full bags (about 100 lbs.), 11¢ per lb.; broken bags 12¢ per lb.; 10 to 25 lbs., 13¢ per lb. Bags 30¢ each extra.

**CLOVER, White Dutch.** Bags, 30¢ each extra. Extra Fancy. \$65.00 per 100 lbs.; less than 100 lbs., 66¢ per lb.; 10 to 25 lbs., 67¢ per lb. Choice Grades. \$64.00 per 100 lbs.; less than 100 lbs., 65¢ per lb.; 10 to 25 lbs., 66¢ per lb. Prime. \$59.00 per 100 lbs.; less than 100 lbs., 60¢ per lb.; 10 to 25 lbs., 61¢ per lb.

Put up in packages of 5 lbs. and less, write for prices. **PERENNIAL RYE GRASS.** Certified. \$14.00 per 100 lbs.; broken bags, 15¢ per lb.; 10 to 25 lbs., 16¢ per lb. **RYE GRASS Common, Native Grown.** Full bags (100 lbs.), \$7.00 per 100 lbs.; broken bags, 8¢ per lb.; 10 to 25 lbs., 9¢ per lb. **CHEWING'S FESCUE.** Full bags (115 lbs.), \$35.00 per 100 lbs.; broken bags, 37¢ per lb.; 10 to 25 lbs., 40¢ per lb. **POA TRIVIALIS (Rough Stalked Meadow Grass).** Full bags (107 lbs.), \$90.00 per 100 lbs.; broken bags, 92¢ per lb.; 10 to 25 lbs., 95¢ per lb. **ASTORIA BENT.** Full bags (100 lbs.), \$59.00 per 100 lbs.; broken bags, 61¢ per lb.; 10 to 25 lbs., 64¢ per lb. **SEASIDE BENT.** Full bags (100 lbs.), \$56.50 per 100 lbs.; broken bags, 58½¢ per lb.; 10 to 25 lbs., 61½¢ per lb.

Ask for quotations on grasses not listed.

## LAWN MIXTURES

**Vaughan's No. 25 Lawn Mixture.** 100 lbs., \$15.00; 1-lb. cartons (ea., 20c), \$17.00 per 100 lbs.; 5-lb. bags (ea., 90c), \$16.00 per 100 lbs.; 10 to 25 lbs., 17¢ per lb. Retail 30¢ per lb. **"Good Mixed" Lawn Grass Seed.** \$17.50 per 100 lbs.; less than 25 lbs., 19½¢ per lb. **Vaughan's No. 40 Lawn Mixture.** Intermediate grade. 100 lbs., \$20.00; 1-lb. cartons (ea., 25c), per 100 lbs., \$22.00; 5-lb. bags (ea., \$1.10), per 100 lbs., \$21.00; 10 to 25 lbs., 22¢ per lb.

## Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses. Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 60¢ per lb.) Price, \$35.00 per 100 lbs.; 5-lb. bags (ea., \$1.95), per 100 lbs., \$36.00; 1-lb. cartons (ea., 40c), per 100 lbs., \$37.00. Orders for 10 to 25 lbs., 37¢ per lb.

## SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

## Vaughan's Chicago Parks

The stand-by for fine serviceable lawns for two generations, this splendid formula remains the universal favorite. The basis of this mixture is a large amount of fancy Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf.

## Prices for Chicago Parks Formula

	Per 100 lbs
½-lb. carton, each, 15c (Retail for 30c)	} ..... \$27.00
1 -lb. carton, each, 30c (Retail for 50c)	
2 and 3-lb. cartons.....	26.50
5-lb. cartons or bags (each, \$1.45).....	26.00
10 and 15-lb. bags.....	26.00
100, 50 and 25-lb. bags.....	25.00
300 lb. lots.....	24.50
500 lb. lots.....	24.00
1000 lb. lots.....	23.00

On Larger Lots Ask For Prices

We offer this same mixture, without White Clover, under the name Vaughan's "Fairway" Mixture, at prices the same as "Chicago Parks."

## Vaughan's Columbian (Shady Place Formula)

	Per 100 lbs.
½-lb. carton, each, 18c (Retail for 35c)	} ..... \$32.00
1 -lb. carton, each, 35c (Retail for 55c)	
2 and 3-lb. cartons.....	31.50
5-lb. cartons or bags (each, \$1.70).....	31.00
10 and 15-lb. bags.....	31.00
100, 50 and 25-lb. bags.....	30.00
300 lb. lots.....	29.50
500 lb. lots.....	29.00

On Larger Lots Ask For Prices

## Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet.

(Retail at 70¢ per lb.) Price, \$38.00 per 100 lbs.; 5-lb. cartons (ea., \$2.15), per 100 lbs., \$39.00; 1-lb. cartons (each 43c), per 100 lbs., \$40.00. Orders for 10 to 25 lbs., 40¢ per lb.

All grass seed net cash, F. O. B. Chicago and New York and subject to price change without notice.

# Most Profitable Christmas Sideline

WITHOUT RISK OR INVESTMENT

## OUR INTRODUCTORY DEAL

with Guaranteed Sale on 90 Day  
Terms, for..... **\$12**

If within 90 days you are disappointed in sales, you may return Displays and unsold bottles for credit to your account.

### HERE IS WHAT YOU GET FOR \$12.00

This assortment includes everything you need to go into the perfume business — all display material, testing samples, direct mail folders, etc.

48 one dram bottles of perfume (12 Lilac, 12 Carnation, 6 Bouquet S, 6 Wild Rose, 6 Parma Violet, 6 Sweet Pea).—Retail Value, at 50c per dram.....\$24.00

### FREE DEMONSTRATION

6 testing samples (one each odor), retail value, \$3.00.

Display Cabinet as illustrated, loaned to you.

Display Cards.

Consumers' folders for mailing.

Total Sale Value..... \$24.00

Price to You..... 12.00

YOUR PROFIT..... \$12.00

REFILLS: One-dram perfumes, \$3 per doz. F. O. B. Chicago.

With all European sources cut off from the American market, thousands of American women are looking for high quality substitutes for luxury items they once bought under expensive foreign names.

That is why hundreds of florists who have been handling Vaughan's True Floral Fragrances in perfume have noticed a substantial pickup in sales. You can try this profitable side line at no cost to yourself other than small transportation charges for a complete display, including testing samples.

In selling this perfume you are tying in with a demand which is logically yours. Your customers find it natural to purchase floral perfumes in a flower shop, and appreciate the savings which our prices allow over even the department stores and drug stores, though the quality of our perfumes is unsurpassed by any line.

You can try this proved sideline without risk by sending for our introductory offer. We give you 90 days to sell what you can, with the privilege of returning unsold stock if you wish.



This display cabinet, in violet crinkle finish with chromium trim and gold lettering, occupies counter space of 13 x 4½ inches and is 16½ inches tall. It holds your entire stock of 48 gold capped bottles, keeping them safe while allowing unobstructed inspection. Loaned with deal below.

### Odors in Colognes and Perfumes on Reorders

Appleblossom	Hawaiian Lei	Magnolia
Bouquet S	Heather	Nicotiana
Bouquet X	Heliotrope	Parma Violet
Carnation	Hyacinth	Red Rose
Forest Breeze	Jasmine	Sandalwood
Frangipani	Lavender	Sweet Pea
Freesia	Lemon Verbena	Violet
Gardenia	Lilac	White Rose
Geranium	Lily of the Valley	Wild Rose

Refills: One Dram Bottles, \$3.00 Per Dozen, F. O. B. Chicago.

Cologne: One Ounce Bottles, \$2.10 Per Dozen, F. O. B. Chicago.

## Floral Colognes to Match the Perfumes Which Have Sold So Well

Now we can supply floral colognes in the same odors as our perfumes. Many women prefer colognes because they are lighter in odor (1/3rd the strength of perfumes).

Retail Prices Including Gift Boxes:  
 One Ounce.....\$0.35  
 Four Ounces..... 1.00  
 Half Pint..... 1.85  
 Full Pint..... 3.00  
 Dealers' Discount 50% From This List.

• • GARDENS FOR DEFENSE WILL INCREASE SALES • •

*Sign and Mail Now!* To Get Vaughan's Seeds Without Expense or Investment.

Please give references for the benefit of our credit department unless you have a rating or already have an account with us. This will save time.

- Flower and Vegetable Floor Rack.       Flower Seeds Only.

VAUGHAN'S SEED STORE  
Commission Box Department  
601 W. Jackson Blvd., Chicago, Ill.

19

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1942. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seeds actually sold, less 40% commission, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Your Firm Name \_\_\_\_\_

Your Address \_\_\_\_\_

TRADE REFERENCES:

Sign here \_\_\_\_\_



**Red, White and Blue Display**

Our packet seeds are supplied on the usual terms. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All packets are 10 cents or more. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

In harmony with the Defense Garden Campaign, our display racks for 1942 will be designed in the national colors—red, white and blue and decorated with the slogan: "Garden for Defense" as illustrated. The top panel will be red, the lower one white, and the sides and bottom will be blue. It makes a striking, eye-catching combination.

Design and construction of the rack will otherwise follow the model which has proved so satisfactory the last two years.

The illustration shows how it holds each variety where the customer can see it.

The dimensions of this rack are: 30 inches wide, 15 inches deep, on the floor. The height is 55 inches, nicely calculated to combine maximum visibility of packets, and convenient self-service, while at the same time it does not obstruct a clear view of the store, which many feel is important.

Your new rack will be light, yet strong, easily moved about. It is made in the modern manner, of heavy matboard, and comes to you brand new. One rack will hold \$100 worth of packets.

*Our New Packets.* All flower seed packets of 1942 will be 3¼ by 4½ inches, same size as vegetable packets, and all racks will be interchangeable, serving for either flower or vegetable seed.

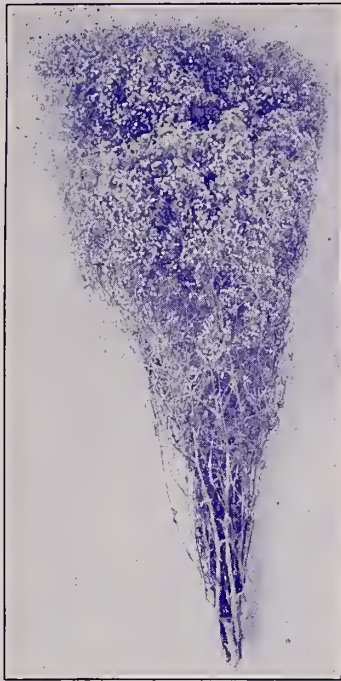
*Brilliantly Colored Posters and Streamers.* Color sells everything now-a-days and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

OUR RED, WHITE AND BLUE RACK FOR 1942





# Wreath and Bouquet Materials



GYPSOPHILA

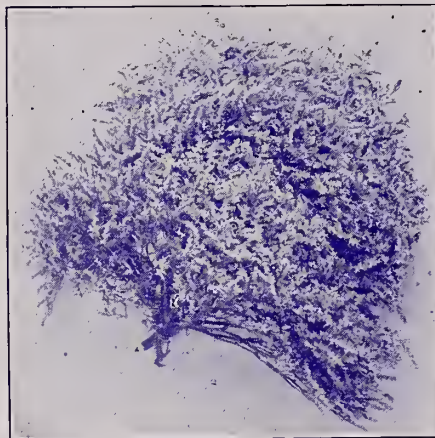
**GYPSOPHILA** (Baby Breath). Pure White Flowers. Full large bunches. Per bunch, 65c; 10 bunches for \$6.00; 25 bunches for \$15.00.

**COLORED GYPSOPHILA.** Rose Pink, Lavender, Green, Yellow, Blue, Gold and Red. Per bunch, 95c; 5 bunches for \$4.50. Prices subject to change without notice.

**MAGNOLIA.** Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, \$1.70; 50 lb. case \$10.50; per case of 100 lbs., \$19.75. Red per carton, \$1.95.



**ADIANTUM FERNS,** Prepared, Green. Medium Sprays. Per bunch of 25, \$1.75; per 100, \$5.75.



STATICE



**IMMORTELLES,** Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch 70c; doz., \$7.20.

Write us for prices in case lots.

**STATICE,** for Basket and Wreath Work. Natural. 1 lb., 85c; 10 lbs., \$8.00. Colored, Pink, Yellow, Lavender, Red, and Blue. Per lb., \$1.45.

**LYCOPODIUM,** Prepared and Green Dyed. 5 lb. carton, \$1.35; 10 lb. carton, \$2.15; 100 lbs., \$18.00.

**PREPARED LYCOPODIUM WREATHS.** The best selling cemetery wreath for the fall. These wreaths are made of the best prepared evergreen and the decorated are beautifully adorned with flowers.

Plain, 11 in., doz., \$2.40; 100, \$17.50; 14 in., doz., \$4.35; 100, \$32.00. Decorated, 11 in., doz., \$2.95; 100, \$22.50; 14 in., doz., \$5.20; 100, \$35.00.

## Sphagnum Moss

Bright, Clean, New Growth, Free From Brush or Grass. Selected Best Grade.

**BURLAPPED BALES.** (48x14x16 inches) F. O. B. Wisconsin points, 10-bale lots, per bale, 90c; 25-bale lots, per bale, 85c. Write for prices on moss in large quantities, F. O. B. Woods.

**BURLAPPED BALES.** (Size as above) F. O. B. Chicago. Single bale, \$1.15; 10 bales, \$10.00; 25 bales \$23.75.

**VAUGHAN'S  
CLEAN SPHAGNUM  
FOR FLORISTS**

**Burlapped Bales**

Write for prices on larger quantities. New York prices 35c bale higher. Cartage free.

**SHEET MOSS,** Extra fancy green, for Windows, Baskets, etc. Per sack, \$1.35; 5 sacks for \$6.25.

Above prices are subject to change without notice.

**OAK BRANCHES,** Prepared, Brown, Red, and Green.

Prices	Short	Long
5 lbs.	\$ 1.35	\$ 1.35
25 lbs.	4.95	4.50
50 lbs.	9.50	9.00
100 lbs.	18.00	17.00

Specify color when ordering

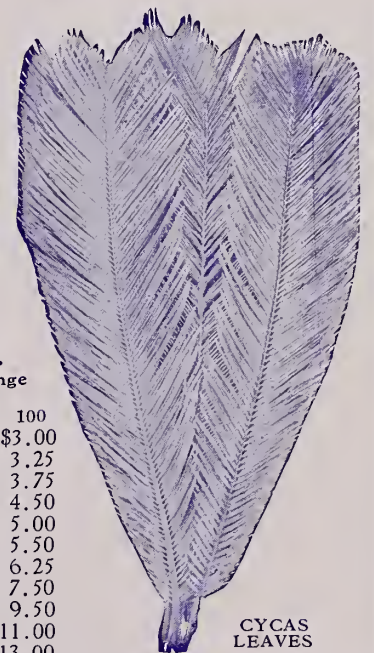
## CYCAS LEAVES.

Prices subject to change without notice.

Length	Pkg. of 10	100
4 to 8 in...	\$0.40	\$3.00
8 to 12 in...	.45	3.25
12 to 16 in...	.50	3.75
16 to 20 in...	.55	4.50
20 to 24 in...	.60	5.00
24 to 28 in...	.65	5.50
28 to 32 in...	.75	6.25
32 to 36 in...	1.00	7.50
36 to 40 in...	1.25	9.50
40 to 44 in...	1.50	11.00
44 to 48 in...	1.75	13.00

**TIN FOIL.** 5, 6 or 7 inch, 1 lb., 25c; 25 lbs., \$5.75; 50 lbs., \$10.75.

**Violet or Green Foil.** Per lb., 40c; 10 lbs., \$3.60; 25 lbs., \$8.50.



CYCAS LEAVES

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE. WHERE THERE IS A NORMAL ADVANCE WE FILL AND BILL AT PREVAILING PRICES.

# STOCKS

Varieties preceded by star (★) are the most popular colors.

## "NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

★Ball Blue. Dark lilac blue. Moonlight. Light yellow.  
 Chamois Pink. Ruby. Rich crimson red.  
 Malmaison Pink. Beautiful ★Silvery Lilac.  
 shell pink. ★Yellow Wonder. Best yellow.  
 Lilac Lavender. Several low, ¼ oz., \$3.50; oz., \$12.  
 shades darker than Silvery Lilac. White tinged rose

Each of the above: Except where noted otherwise, ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

★Vaughan's White No. 1. We especially recommend this, in our judgment, the finest pure white Non-Branching Column Stock in existence. ½ trade pkt., 60c; trade pkt., \$1.00; ⅓ oz., \$1.50; ¼ oz., \$2.50.

Non-Branching Column Special Florist Mixed. All colors. ½ trade pkt., 60c; trade pkt., \$1.00; ⅓ oz., \$1.50.

★Ball Pink (No. 11). Light rose-pink, exact shade of Bismarck Rose. Long-stemmed flowers, well placed on stem. A very pleasing color in the Non-Branching type. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

White No. 16. Semi-tall and extra compact pure white. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$9.00.

Gardenia. New. Flowers of the purest white. Trade pkt., \$1.25; ⅓ oz., \$2.50; ¼ oz., \$4.50; ½ oz., \$8.00; oz., \$15.00.

## GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood-Red "The Red Woods" Rose Carmine "Sequoia"  
 Blue "Pacific" Rose "Yosemite"  
 Chamois "Santa Barbara" Velvety Violet "Mojave."  
 Lavender "Tahoe" White "Santa Maria"  
 Pink "Monterey" Yellow "Golden Gate"

Each of the above, trade pkt., 35c; ⅓ oz., 65c; ¼ oz., \$1.15; oz., \$4.00.

Mixed, the above. Trade pkt., 25c; ⅓ oz., 60c; oz., \$3.40.

## SUPER GIANT IMPERIAL, 3 Ft.

Like the Giant Imperial group, the plants are base branching, each plant producing 12 to 15 huge flower spikes. The individual florets are large and double, measuring 2 inches or more in diameter. When in full bloom, each spike will have from 40 to 50 florets blooming at the same time.

Blush Pink. Dark Blue. Fiery Red.  
 Rose Charm. A beautiful, rich deep rose.  
 Roselight, rose-pink.

Each of the above: trade pkt., 50c; ¼ oz., \$1.25.

## IMPROVED GIANT BISMARCK (Early Giant Imperial)

The plants grow in pyramidal form, about 2½ ft., are strong and robust and are covered with large double flowers. Plant close and take out center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper Appleblossom. (Used by many for white).

★Buttercup. Deep golden yellow.  
 ★Chamois Dark Blue Elk's Pride. Royal purple.  
 Flesh. Delicate pink. Fiery Blood-Red  
 Golden Rose ★Lavender ★Lilac Old Rose ★Rose  
 ★Shasta. Vigorous, glistening white. Trade pkt. Oz.

Each of the above... ⅓ oz., 60c; ¼ oz., \$1.00 \$0.35 \$3.00  
 Giant Bismarck, Mixed. All colors... ¼ oz., 60c .25 2.20

## EARLY COLONIAL

Blooms earlier than other branching types, grows 30 to 36 in. tall. The individual florets are 2 inches across and they form clusters or spikes 15 inches long. The percentage of double runs about 70%.

Mayflower. Red rose.  
 Priscilla. Silvery lavender. } Each, tr. pkt., 50c  
 Puritan. Pure white.



STOCKS VAUGHAN'S WHITE No. 1