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Spring

1929

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Book for Florists



Vaughan's Seed Store
New York Chicago

NOVELTIES AND SPECIALTIES

Annuals

ANTIRRHINUM

Ceylon Court Yellow. A chance seedling; of robust growth; foliage strong, healthy, vigorous and rust resisting; 40-48 inches high. A beautiful canary yellow. Spikes 10 to 14 inches; flowers closely set; one of the earliest and most productive producers. Every growth a flower spike; strong, wiry stems. Ready for cutting two weeks before most other varieties. Trade Pkt., \$2.00; 5 Trade pkts. for \$9.00.

Roman Gold. A deep golden yellow with the lip a lighter yellow suffused with pink. The tips having a beautiful pink-copper hue. An entirely new color in snapdragons. Hard to describe, very free-flowering. Trade Pkt., \$1.50; 5 Trade pkts. for \$7.35; 10 Trade pkts. for \$14.00.

CALENDULA

Sensation—Long stems, very double, orange flowers with a crimson or scarlet sheen. Trade pkt. ($\frac{1}{4}$ oz.), \$1.00; oz., \$3.00; 2 oz. for \$5.50.

ANNUAL LARKSPUR

Stock Flowered Improved Exquisite. The habit of plant is upright and not spreading as in the original form. The flowers are delightful shade of pink. A wonderful cut flower. Comes almost 100% true. Trade pkt., 50c; $\frac{1}{4}$ oz., 75c; oz., \$2.25.

FORGET-ME-NOT

Isolde Krotz. Is an improved Ruth Fischer grows about 4 in. taller and can be forced to be in bloom in January. Fine for cut and pots. Trade pkt., 50c; 1-32 oz., \$1.50.

SOME CHOICE PETUNIAS

Theodosia. Large-flowered fringed variety of a rosy pink with a clearly defined golden center with minute stripes. Trade pkt., 1000 seeds, \$1.00; $\frac{1}{64}$ oz., \$2.00.

Fringed Royal Purple. A very fine variety with velvety petals, of a deep velvety violet color quaintly fringed. The most beautiful of all blue Petunias. Trade pkt., 1000 seeds, \$1.00; $\frac{1}{64}$ oz., \$2.00.

Dwarf Grandiflora Ruffled Mixture. A fine variety for pot plants. Dwarf plants with large frilled flowers in a charming variety of color. Trade pkt., 1000 seeds, \$1.00; $\frac{1}{64}$ oz., \$2.00.

Giants of California, Heliotrope. A most delightful and distinct color hitherto missing in this type. Trade pkt., 1000 seeds, \$1.00; $\frac{1}{64}$ oz., \$2.00.

Giant Romany Lass. The most striking single red Petunia Flowers frilled and of Giants of California size. Trade pkt., 50c; 10 trade pkts. for \$4.00.

Dwarf Pink Glory. A selection of the Pink Glory of dwarf, compact habits. Splendid for pot culture and bedding. Trade pkt., 50c; 1-t4 oz., \$1.50.

Giant Copper Red, dark throated.

Giant Copper Rose, light throated.

Two excellent sorts of compact growth. Very striking. Trade pkt., \$1.00; 1-64 oz., \$2.00.

Dwarf Large-Flowering Double Fringed. Flowers nicely frilled, very large and quite double in a fine range of colors on splendid compact plants. Excellent for pots. Trade pkt., 1000 seeds, \$1.50; $\frac{1}{64}$ oz., \$10.00.

Two Small-Flowered Petunias of the Rosy Morn Type

Heavenly Blue. A fine bedding variety in a silvery light blue. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00.

Blue Bird. A fine companion to Rosy Morn, same habit and freedom of bloom. Color deep clear blue. Trade pkt., 35c; $\frac{1}{4}$ oz., 80c; 1 oz., \$2.60.

PENTSTEMON

Treat these Pentstemon like Snapdragons.

Sensation Red Shades. 2 ft. Produces large handsome stalks of gloxinia-like flowers often 2 in. across and in dazzling red shades. Treat like snapdragon. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.00.

Sensation Pink Shades. Charming selection of various shades of pink. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.00.

Southgate Gem. A distinct and very pretty Pentstemon, with long graceful stems carrying numerous rich poppy-red flowers, showing pure white throats. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.20; oz., \$8.00.

SCHIZANTHUS

Retusus Roseus. Fine for pot plants and cut. Large rose orchid shaped flowers fairly covering the plant. Foliage fern-leaved. Upright growth. Trade pkt., 50c.

Retusus Rosamunde. Delicate rosy lilac yellow lip. Trade pkt., 50c.

VERBENA

Erecta Compacta Mixed. A dwarf compact plant of upright and not spreading growth in many attractive colors. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Perennials

ANCHUSA

Myosotidiflora. A distinct, dwarf perennial variety from Russia, with clusters of charming blue flowers, resembling forget-me-nots. As effective as a rock plant. Trade pkt., 50c.

CAMPANULA

Fragilis. Is of prostrate trailing habit, and has large pale blue flowers. It likes a well-drained position with as little moisture as possible. Extremely free-blooming. Trade pkt., 35c.

SHASTA DAISY

Westralia. A very fine Shasta Daisy similar to Alaska only of higher growth and blooming slightly earlier. Height three feet. Trade pkt., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.40.

GAILLARDIA

Grandiflora Dazzler. Large flowers up to 5 inches across, bright golden yellow with rich maroon-red center, fine for cutting. Trade pkt., 35c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

Grandiflora Tangerine. Compact grower, large, soft orange colored flowers resembling the color of the tangerine orange. An absolutely and distinct color. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.00.

LUPINUS

Arms of Enkhuizen. A new perennial variety with dainty white flowers suffused with creamy pink. Trade pkt., 25c, $\frac{1}{4}$ oz., 40c; 1 oz., \$1.40.

RUSH ORDER TO

Vaughan's Seed Store

WE PAY POSTAGE. NO STAMP NECESSARY ON THIS CARD

Please send the following via _____

Quantity	Description	Price

TOTAL _____

NAME _____

ADDRESS _____

BY _____

**SPECIAL ORDER BLANK TO
VAUGHAN'S SEED STORE
COMMISSION DEPARTMENT**

192 _____

Your Name _____

Street _____

Town _____

**VAUGHAN'S SEED STORE,
601 West Jackson Blvd.,
CHICAGO, ILL.**

Please forward in due season one assortment of garden and flower seeds for me to sell on commission for the season of 1929. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less 40% commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with these seeds.

Signed _____

By _____

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

Quantity	Description	Price
	Rainbow Gladiolus deal, 500 bulbs and display box, \$11 each. Delivery in spring, 1929	
	Darwin Tulip deal, 500 bulbs and display box. Delivery after Sept. 15, 1929	
	Balanced stock of grass seed (Homegrounds mixture), \$10.00 each	
	100 lb. bag Homegrounds mixture, \$14.00	
	50 lb. bag Homegrounds mixture, \$7.00	
	25 lb. bag Homegrounds mixture, \$3.50	
	Balanced Stock of grass seed, Chicago Parks, \$15.00.	
	TOTAL	

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

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Vaughan's Seed Store

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TOTAL _____

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ADDRESS _____

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TOTAL _____

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ADDRESS _____

BY _____

Postage
Will be Paid
by
Addressee

BUSINESS REPLY CARD

First Class Permit No. 165, Sec. 384½ P. L. & R. CHICAGO, ILL.

Vaughan's Seed Store

601 W. Jackson Blvd.,
CHICAGO,
ILL.



No
Postage Stamp
Necessary
If Mailed Before
Dec. 1, 1929.

Postage
Will be Paid
by
Addressee

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First Class Permit No. 165, Sec. 384½ P. L. & R. CHICAGO, ILL.

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No
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If Mailed Before
Dec. 1, 1929.

L. H. VAUGHAN, PRES.

CARL CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

Vaughan's Seed Store

601-609 WEST JACKSON BLVD.

PHONE: MONROE 0312
ADDRESS ALL MAIL TO DRAWER V,
CHICAGO, ILLINOIS

ESTABLISHED 1876
INCORPORATED 1901

Dictated letter errors and
omissions excepted
All orders subject to
confirmation

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

New Business
for the Florist

Dear Friend:

I wish to call your attention to three offers in this catalogue which I sincerely believe mean new and profitable business for you.

I refer to the Commission Box Garden Seed Offer on Pages 2 and 3, to the Gladiolus Bulb Box on Page 4, and to the Lawn Seed Offers on Page 72. Please read these pages and consider especially these points, which you will find set forth more completely in them:

Every florist who maintains a retail store faces the problem of how to increase volume in the dull season, when flower sales are few but overhead goes on just the same. The natural solution, is to take on side lines; but one must be careful what side line to take.

Profit from the Garden Movement

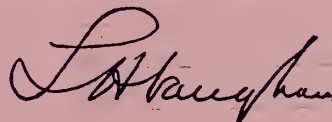
It is almost like the answer to a prayer that the great garden movement has come along, with its increased interest in plants and its demand for garden seed, especially flower seed. This is a line that belongs in the flower store; and thousands of florists have discovered that it not only pays a welcome profit on the sale of seeds and bulbs, but brings into the store customers who love flowers and become steady buyers during the winter, when their gardens are bare.

Make Your Store a Flower and Garden Store

Our beautiful poster seed rack, our attractive and practical bulb box, and our grass seed deals were all designed to fit in a florists' shop, and be a decoration for the store, as well as practical sales fixtures.

Use the special order blank on the back of this letter and send us an order now for seeds, bulbs and grass seed, together with the colorful advertising material which we supply free to invite garden makers into your store.

Yours for a prosperous year,



Pres.

**SPECIAL ORDER BLANK TO
VAUGHAN'S SEED STORE
COMMISSION DEPARTMENT**

192

Your Name _____

Street _____

VAUGHAN'S SEED STORE
601 West Jackson Blvd.,
CHICAGO, ILL.

Town _____

Please forward in due season one assortment of garden and flower seeds for me to sell on commission for the season of 1929. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less 40% commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with these seeds.

Signed _____

By _____

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	Balanced stock of grass seed (Homegrounds mixture), \$10 each	
	100 lb. bag Homegrounds mixture, \$14.00	
	50 lb. bag Homegrounds mixture, \$7.00	
	25 lb. bag Homegrounds mixture, \$3.50	
	5 lb. cartons Homegrounds mixture @ \$15.50 per 100	
	1 lb. cartons Homegrounds mixture @ \$16 per 100	
	Balanced Stock of Grass Seeds (Chicago Parks), \$15.00 each	
	100 lb. bag Chicago Parks (or Columbian) mixture \$30.00 each	
	50 lb. bag Chicago Parks (or Columbian) mixture \$15.00 each	
	25 lb. bag Chicago Parks (or Columbian) mixture, \$7.50 each	
	10 lb. bags Chicago Parks (or Columbian) mixture @ \$30.50 per cwt.	
	15 lb. bags Chicago Parks (or Columbian) mixture @ \$30.50 per cwt.	
	5 lb. cartons Chicago Parks (or Columbian) mixture @ \$31.00 per cwt.	
	3 lb. cartons Chicago Parks (or Columbian) mixture @ \$31.75 per cwt.	
	2 lb. cartons Chicago Parks (or Columbian) mixture @ \$31.74 per cwt.	
	1 lb. cartons Chicago Parks (or Columbian) mixture @ \$32.50 per cwt.	
	½ lb. cartons Chicago Parks (or Columbian) mixture @ \$32.50 per cwt.	
	TOTAL	

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



Vaughan's Improved Swiss Giant Pansies

FOUR years ago in a European trip we discovered the original Swiss Giant Pansies which has created a sensation where ever grown since. The flowers of this new and improved strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of the strain however are the wonderful colors and color combinations—very rare and entirely new—never before seen in pansies, salmons, pinks, reds. All flowers are 3 or 5 blotched. The plants flower early and continuously all season until fall. Also excellent for greenhouse culture. We recommend this strain unreservedly. Trade pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.50; oz., \$16.00,

PANSY SWISS BLUE

Two or three shades darker than Emperor William with a blue-black center on three lower petals, an absolutely distinct shade, velvety texture, same size as Swiss Giants. Trade pkt., \$1.00; 1/8 oz., \$2.70; 1/4 oz., \$5.00; oz., \$18.00.

PERENNIAL NOVELTIES—Cont'd.

SCABIOSA

Columbaria Rosea. Flowers measure 2 to 2 1/2 in. across—very freely produced of a beautiful shape somewhat smaller than Scabiosa Caucasica of a deep rosy mauve almost a rose in fact, which is an unusual shade in perennials. The deeply lacinated foliage adds to the beauty of the plant. Trade pkt., 50c; 1/4 oz., \$2.00.

Caucasica, House's New Giant Strain. A new strain of this handsome border plant, flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white. Trade pkt., 50c; 1/4 oz., \$1.20; oz., \$4.00.

WEST CHICAGO PARK
COMMISSIONERS
Office in Union Park
CHICAGO

September 19, 1928

Vaughan's Seed Store
601 W. Jackson Blvd., City.
Gentlemen:

Last year we bought from your firm the new Swiss Giant Pansy. We certainly have had the most excellent results. The average flower of this variety was easily double the size of any other variety we have had from you, and the coloring was exquisite. I had several bunches of them at the Men's Garden Club fall flower show along with our water lilies. I have planted the Swiss Giant Pansies bordering our rose beds at Humbolt Park. They were beautifully in bloom all summer, and are still in bloom at this date. They are certainly remarkable in size, color and summer blooming.

Very truly yours,
AUGUST KOCH
Chief Florist

ALDOUS FLOWER SHOP
Store 112 South Dubuque St.
IOWA CITY, IOWA

October 31, 1928

Vaughan's Seed Store
601 W. Jackson Blvd., Chicago.
Gentlemen:

We planted an oz. of your Swiss strain of pansies and they are in full bloom, have been for a month, and must say the largest and finest color display I have ever seen in a pansy bed. Just wish you could have a look at them.

Respectfully yours,
J. ALDOUS GREENHOUSES

Thousands of Florists Profit by



A Poster Rack That Sells the Garden

A new idea seed display, U. S. Patent No. 1,661,406, used only by Vaughan's Seed Store. It sells what your customers want to buy. It sells the garden. Light, staunch, compact, it will hold \$100 worth of 10-cent packets, displaying each one to the best advantage, tempting the customer to take it out and add it to his purchase. It is 32 inches tall and occupies counter space 14x34 inches. Note the dated laboratory gold certificate of High Test Seeds

A Display Which Will Ornament Your Store

ANY florist who maintains a retail store faces this problem: How to increase volume in dull seasons, when flower sales are few but overhead expense goes on just the same.

The best answer so far is: Expand your stock. Anticipate sales opportunities, and carry new lines which your regular customers will be glad to buy of you.

Seeds and Flowers Go Together

In selecting new lines, you must be careful. A florist shop cannot become a department store. All important to your prosperity is the impression you make on the public mind. This must be clean-cut, unconfused. They must never think of your shop as anything but a high grade florist shop. Nothing must be added to your stock, or displayed in your store which will contradict this impression. Your side lines must be limited to such as are naturally associated with flowers.

The seed business is naturally allied with the florist business. Many of your customers buy seeds, and they will prefer to buy them of you, because you are expert in the use of seeds. And now you can offer them Vaughan's Seeds, the kind you use, and know and can recommend, displayed in the artistic poster-rack, illustrated above, whose brilliant colors will ornament your store.

A Growing Business You Should Share

Gardening is on the increase, and the seed business is growing rapidly along new lines. Before the world's war the largest sales were of vegetable seeds, for money-saving kitchen gardens. Now there is a different trend. Gardens are being made for recreation and decoration, and sales of flower seeds are showing the greatest increase. Florists are the natural source of decorative materials. Every florist should carry seeds, and there is only one seed display which has been designed especially to fit into and adorn the florist shop; that is:

Vaughan's Seed Display Beautiful.



A Dainty, Decorative Window Sticker in Color, Guaranteed to Attract the Eye of a Woman. Paste it Eye-High near the Door. 11x7 inches.

Selling Vaughan's Garden Seeds



A Brilliantly Colored, Attention-Commanding Streamer of Modern Art Design. 40x16 inches.

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

Dated, Certified Seeds. A dated assortment of garden seeds, freshly packed for the season of 1929, tested and certified by a qualified seed analyst, containing vegetables chosen for their flavor and tenderness and the largest selection of flower seeds put out by any commission seed house.

Pictures from Oil Paintings. Accurate full color pictures, made from oil paintings, of each variety of flower and vegetable in the assortment. Each has been painted in oils by an artist from life specimens of the flower or vegetable it illustrates; and from these paintings our own 4-color process plates were made, from which our special packets are printed. On the back of each packet are cultural directions.

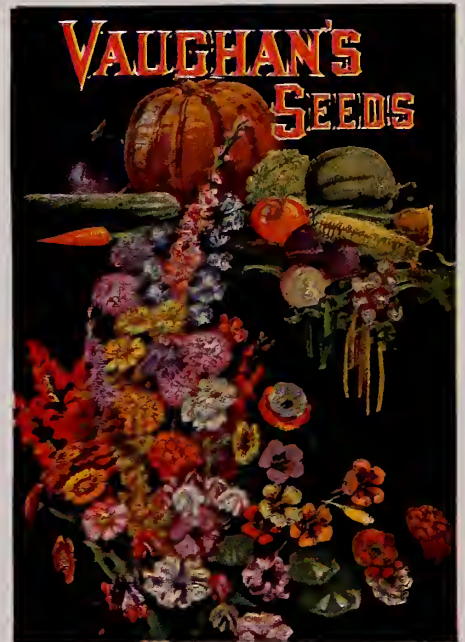
Brilliantly Colored Posters and Streamers. Color sells everything nowadays and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.

Poster Rack That Sells The Garden. Fully described and illustrated on opposite page.

Fill out This Contract and Mail it to us NOW

We operate on a fixed quota which limits the number of assortments we have to place each year. A contract filed now will assure you of a place on the list of 1929 dealers; but if you delay, our quota may be filled.

Please give references for the benefit of our credit department unless you have a rating or already have an account with our house. This will save time.



A Beautiful Hanger in 4-Color Process Made from an Oil Painting, Realistically Picturing Flowers and Vegetables. 13x19 inches. Free to You.

.....192.....

Your Firm Name.....

VAUGHAN'S SEED STORE
Commission Box Department
Drawer V., Chicago, Ill.

Your Address.....

Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1929. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less 40% commission. Unsold seeds returned by me are to be credited, and only the amount of seed actually sold less 40% commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

Sign here.....

REFERENCES:



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

500 Rainbow Glads
and Display Box

\$11

Retails for \$24.00

F. O. B. CHICAGO OR NEW YORK

Delivery after January 1.

Double Your Money Selling Glads from *This* Modern Display Box

*The First and Only Practical Device for Stocking
Named Varieties Attractively, and Without Loss or
Mixture. It Has Paid Everyone Who Tried it.*

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

This 10-compartment poster display box is the first method ever offered a dealer for handling named varieties of bulbs in a practical and profitable manner. The box is staunchly made of 100-point board printed in brilliant colors. It will hold 500 flowering size bulbs, 50 each of ten named varieties.

Best Size for Outdoor Flowering

We use specially graded bulbs, the size which do best for outdoor flowering. The price to you is \$11.00 for the box and 500 bulbs of 10 named varieties. You retail them for 60 cents a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. Name labels are provided to paste on the compartments.

Counter Space Needed, 13 x 29 inches

This brilliant bulb box, printed in four colors, occupies less than 2½ square feet on your counter. Each time you fill it, means \$13.00 clear profit. Refill collections, packed 50 in a bag, cost \$10.00 for 500 bulbs without the display box. You have four months in which to sell. Send in your order early to avoid disappointment.

Southern and California orders will be shipped Jan. 15; others Mar. 15, unless advised.

Vaughan's ^{The} World's _{Best} Flower Seeds



AGERATUM Blue Ball

We welcome your business for flower seeds and we give it our careful and prompt attention.

It is our utmost endeavor to offer only seed of the highest germinating quality and purity. Our representatives travel both in Europe and America to look over the crops during the growing season and we are in constant communication with growers all over the world to keep us informed as to the novelties and improvements on the older varieties.

Flower Seeds for Summer Sowing.—We issue a special circular in June. Should you fail to receive one, please write for it.

For seeds of perennials and biennials see pages 27 to 35.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for ordinary purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of ¼ lb. and over are charged at the pound rate ½ lb. at the oz. rate ½ oz., at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell ½ oz. where the price per ounce is 15c or less.

Cash Discount.—On orders from this catalog over \$2.00 for Flower seeds, if cash is enclosed, 5 per cent. Except Cyclamen, the prices of which are net and 2 per cent on Asparagus.

Discounts on seeds in packets selected from our retail catalog: 25 per cent discount allowed on orders of less than five packets of one variety.

	Trade pkt.	Oz.
Abronia Umbellata. (Sand Verbena) Rose, 10 in.	\$0.10	\$0.50
Abutilon (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades. ½ oz.	\$1.50	.50
Achimenes Mixed. Greenhouse pot plant belonging to Gesneraceae family. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants.	1 00	. . . .
Acroclinium Roseum. Pink (Everlasting) . . . lb.	\$3.60	.10 .40
Roseum Album. White lb.	\$3.20	.10 .30
Fl. Pl. Double pink. lb.	\$4.00	.10 .40
Album Fl. Pl. Double white. lb.	\$4.00	.10 .40
Fl. Pl. Double Mixed. . . . .	.10	.40
The double Acroclinium come about 50% true		
Agapanthus Umbellatus (Blue Lily of the Nile), does well out of doors in all Southern States. Greenhouse plant in the North. . . . .	.35	2.40
Agrostemma Coeli-Rosa (Rose of Heaven). Rose, 12 in. . . . .	.10	.25
Alonsoa Grandiflora. Scarlet, 24 in. . . . .	.10	.30
Miniata Compacta Coccinea. Dwarf scarlet. . . . .	.25	. . . .
Linifolia, Scarlet. 18 in. . . . .	.15	.40
Warscewiczii. Fine for cutting, red, 20 in. . . . .	.15	.45

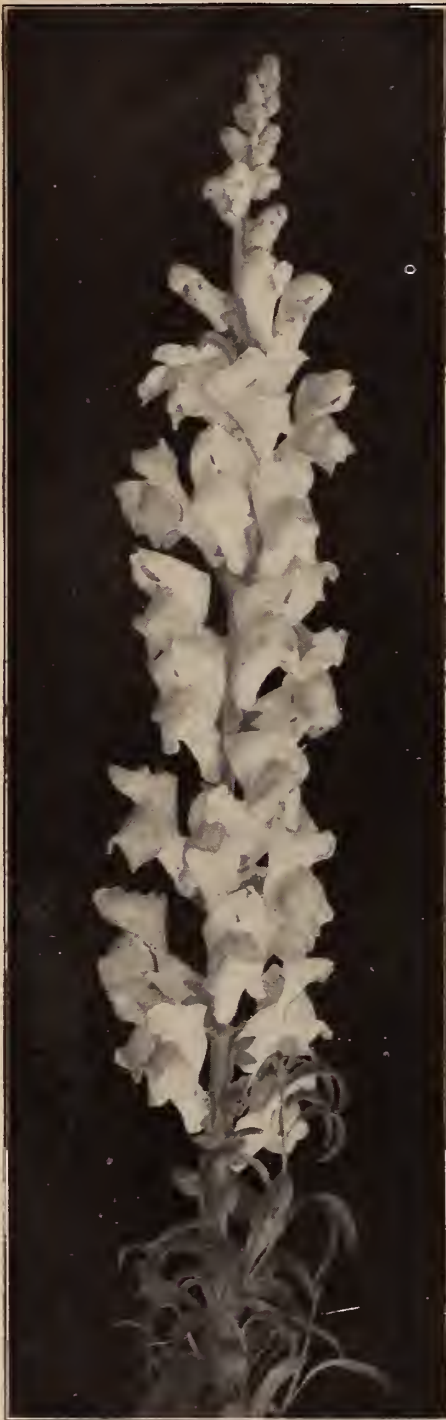
	Trade pkt.	Oz.
Adonis Aestivalis (Flos Adonis). Red, 12-inch.	\$0.10	\$0.20
Autumnalis Red, 12-inch. . . . .	.10	.20
Ageratum Mexicanum. Blue, 2 ft. . . . .	.10	.40
Mexicanum Album. White, 2 ft. . . . .	.10	.40
Imperial Dwarf Blue, 6 in. . . . .	.15	.60
Imperial Dwarf White, 6 in. . . . .	.15	.60
Blue Perfection. Dark blue bedder, 8 in. . . . .	.15	.60
Blue Ball. An improved Blue Perfection, 6 in. . . . .	.25	1.00
Little Blue Star. Tiny bushes, flowers light blue with dark red center, 4 in. ¼ oz. 60c	.25	2.20
Princess Victoria Louise. Light blue, white center, 6 in. . . . .	.15	.50
Little Dorrit. Blue, dwarf, 6 in. . . . .	.15	.80
Little Dorrit White. Best dwarf white, 6 in. . . . .	.15	.80
Venus. Forms a dense bush about one foot high which is profusely covered with flowers. The buds are red, the petals are white and the center of the flower red, a plant in full bloom is very charming. . . . .	.25	. . . .
Lasseauxii. Fine pink, good cut-flowers, 2 ft. . . . .	.20	1.00
All Ageratum vary more or less in height		
Alyssum Maritimum (Sweet Alyssum). 10 in. . lb.	\$2.00	.10 .20
Benthami Compactum Erectum. 9 in. . . . lb.	\$4.00	.10 .40
Compactum Lutescens. Straw yellow, 8 in. . . . .	.10	.40
Lilac Queen. Distinct variety with pale lilac flowers 9 in. . . . .	.15	.50
Little Dorrit. It forms perfect little bushes of 4 inches in height, fairly smothered with white flowers. 4 in. lb.	\$6.00	.20 .60
Vaughan's Little Gem. Extra fine strain. . . lb.	\$6.00	.15 .60
Amaranthus Abyssinicus. Useful in basket work. . . . .	.15	.60
Atropurpureus. Dark crimson, 24 in. . . . .	. . . .	.50
Caudatus (Love-Lies-Bleeding). Red, 30 in. . . . .	. . . .	.15
Cruentus (Prince's Feather). Red, 3 to 4 ft. . . . .	. . . .	.15
Henderi. Ornamental foliage, 5 ft. . . . .	.15	.60
Melancholicus Ruber. Dark red leaves, 3 ft. . . . .	.10	.30
Salicifolius (Fountain Plant). Green with bronze tops blood-red, showy, 30 in. . . . .	.15	.60
Tricolor Splendens (Summer Poinsettia). Makes fine pot plant, 3 ft. . . . .	.15	.60
Vaughan's Special Mixture . . . . .	.15	.50
Ammobium Alatum Grandiflorum White, 18 in. . . . .	.15	.40
Anagallis Grandiflora. Mixed, all colors, 10 in. . . . .	.15	.80
Grandiflora Coerulea. Blue, 10 in. . . . .	.15	.90
Antchusa Capensis. Azure blue, 2 ft. lb.	\$4.20	.15 .40
Antigonon Leptopus (Mountain Rose). Rose lb.	\$5.00	.15 .50



ALYSSUM Vaughan's Little Gem

Flower Seeds in Larger Quantities

We shall be pleased to quote special prices to florists who sell them in their stores. Send list with quantities desired for estimate.



Ceylon Court Yellow

Vaughan's New Snapdragon

"Ceylon Court Yellow"

Raised by A. J. Smith, Superintendent J. J. Mitchell Estate, Lake Geneva, Wis.

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

Trade pkt., \$2.00; 5 for \$9.00

Other "SNAPS" for Greenhouse Forcing

	Trade pkt.
Cheviot Maid. The earliest and best pink winter-blooming "snap".....	\$2.00
..... 3 trade pkts. for \$5.00; 12 trade pkts., \$17.50	
Copper King (Indian Summer). Copper shades.....	1.00
Empress. Rich velvety crimson.....	.50
Geneva Pink. A well-known rose-pink variety of outstanding merit. 3 trade pkts., \$2.50	1.00
Golden King. Improved yellow.....	.50
Golden Monarch. A good yellow.....	.35
Golden Pink Queen.....	1.00
Helen. Lovely salmon free-blooming.....	1.00
Jennie Schneider. Beautiful pink, same shade as Columbia rose.....	1.50
Judd's New Early Columbia. Rose color.....	1.00
Judd's New Early Premier. Rose color.....	1.00
Laura. A glossy deep rose.....	1.50
Nelrose. Salmon-pink.....	.35
Orlando. Bronze.....	1.00
Peerless Pink. Pink with white lip.....	.35
Penn-Orange. Striking tangerine orange, dark green foliage.....	1.00
Philadelphia Pink.....	1.00
Pink Perfection. Hermosa pink, suffused salmon.....	.50
Roman Gold. A deep golden yellow with the lip a lighter yellow suffused with pink. The tips having a beautiful pink-copper hue. 5 trade pkts., \$7.35; 10 trade pkts., \$14.00	1.50
Silver Pink. Vaughan's deep pink self.....	.50
Improved Sunburst. Color of Sunburst Rose.....	1.50
White Rock. A new and extra early-blooming pure white.....	1.00

Antirrhinum-Snapdragon

Maximum—Giant-Flowered

This wonderful new group of snapdragons far surpasses anything yet introduced. In habit these are slightly taller than the majus group. The flowers are magnificent size, the individual flowers being 2 to 2½ inches wide on strong, sturdy stems, each blossom set closely on the stalk.

	Trade pkt.
Appleblossom. Rosy pink, white tube.....	\$0.35
Bunch of Lilacs. Lilac-purple.....	.35
Canary Bird. Canary-yellow.....	.35
Cerberus. Carmine-rose, yellow lip.....	.35
Copper King (Indian Summer). Copper shades, varies.....	1.00
Delicate shades.....	.35
Defiance. Scarlet.....	.35
Gotelind. Pale orange.....	.35
Golden Queen. Yellow with rosy lilac throat.....	.35
Maralda. Coppery carmine.....	.35
Old Gold. Beautiful art shade.....	.35
Purple King. Rich, velvety purple.....	.35
Ruby. Rich, velvety ruby-red.....	.35
Snowflake. White.....	.35
The Rose. Soft pink.....	.35
Wallflower colors.....	.35
Maximum. Many kinds, mixed.....	.25

Large-Flowering Tall Sorts

	Trade pkt.	Oz.
Brilliant Scarlet.....	.25c	\$0.15
Bonfire. Bright orange-red.....	.25c	.15
Dark Rose (Coral red).....	.25c	.15
Delicata. Soft pink, white throat.....	.25c	.15
Evening Sky. Orange-rose, yellow mouth, white throat.....	.65c	.35
Fire King. Orange-scarlet and white.....	.65c	.35
Garnet.....	.25c	.15
Golden King. Improved yellow.....	\$1.00	.50
Golden Monarch. Best yellow.....	\$1.00	.35
Harmony. Rich terra-cotta-pink, yellow center.....	.50c	.35
Lovely. White with pink lip.....	.25c	.15
Madonna. Best white.....	.50c	.35
Queen Victoria Improved. Pure white.....	\$1.00	.50

	Trade pkt.	Oz.
Rose King.....	.30c	\$0.15
Rose Queen.....	.25c	.15
Striped Varieties. (Butterfly mixed).....	.25c	.15
The Cardinal.....	.35	.15
Venus. Apple-blossom-pink.....	.25c	.15
Venus. Pink type.....	.25c	.15
Majus Grandiflorum. Mixed.....	.20c	.10

"POPULAR HARDY PERENNIALS"

Their cultivation in beds, borders, the wild and woodland garden and by the waterside; and also their propagation, with descriptions of the most attractive, useful and easily grown genera, species and varieties by T. W. Sanders, F. L. S., F. R. H. S. 400 pages. 16 colored plates and many photographic illustrations. \$3.15 per copy postpaid.

ANTIRRHINUM—Continued

Large-Flowering, Half Dwarf Sorts

	Trade	pkt.	Oz.
Amber Queen. Canary-yellow overlaid chamois pink		1/4 oz., 50c	\$0.20
Aurora. Cinnabar carm., white throat	1/4 oz., 25c	.15	\$0.80
Black Prince. Deep crimson	1/4 oz., 25c	.15	.80
Bonfire. Orange buff. (Defiance)	1/4 oz., 40c	.20	....
Canary Bird. Lemon-yellow	1/4 oz., 25c	.15	....
Cottage Maid. Pale pink, white throat	1/4 oz., 25c	.15	.80
Crimson Queen	1/4 oz., 30c	.15	....
Daphne. Pink suffused with white	1/4 oz., 25c	.15	.80
Defiance. Brilliant scarlet	1/4 oz., 60c	.25	....
Empress. Rich velvety crimson	1/8 oz., 1.00	.50	....
Fascination. Pearly pink self	1/4 oz., 35c	.20	....
Fawn. Terra-cotta-pink, suffused yellow	1/4 oz., 65c	.35	....
Firebrand. Fiery orange-scarlet	1/4 oz., 40c	.25	1.20
Gloria. Rich, deep rose-pink	1/4 oz., 40c	.25	1.40
Golden Queen. Yellow	1/4 oz., 25c	.15	.80
Mauve Beauty. Rose mauve	1/4 oz., 30c	.20	1.00
Mont Blanc. Large-flowered, white		.25	....
Prima Donna. Terra-cotta-pink, suffused primrose, excellent for florist's use		.35	....
Queen of the North (Phelps white)	1/4 oz., 25c	.15	.80
Rose Dore. Salmon-rose	1/4 oz., 25c	.15	.80
Nanum Mixed		.15	.60
Vaughan's Special Mixture	1/4 oz., 40c	.20	1.40

"Majestic" Half Dwarf Sorts

A new type of Snaps, with flowers of the Maximum sorts and in height of the "Half Dwarfs."

	Trade	pkt.	Oz.
Majestic Orange King. Rich orange	1/8 oz., \$1.00	\$0.50	....
Majestic Sunset. Terra cotta to rosy salmon	1/8 oz., \$1.00	.50	....
Tom Thumb. Fine for pots and edging		.35	....
Fireball. Scarlet		.35	....
Snow Queen. White		.35	....
Pink		.35	....
Orange-yellow		.35	....
Mixed, all colors, 6 in.	1/4 oz., 30c	.20	\$1.00

Aralia Sieboldi. Seed ready in April. 1,000 seeds, \$1.00.

Arctotis Grandis (The African Lilac Daisy). A good cut-flower, flowers purc white on upper surface, reverse petals being lilac, 36 in. .15 .50

Artemisia. Annua, very decorative, 5 ft. .10 .30
Sacrorum Viridis (Summer Fir). 5 ft. .15 .80

Asperula Azurea Setosa. Lavender-blue, 12 in. .10 .30

Asparagus

NOTE.—Cash discount on asparagus is only 2%.

Plumosus Nanus. Carefully harvested, hand-picked, plump, well-matured seed of this variety is a specialty with us.



ASPARAGUS Plumosus Nanus

Lath House Grown Seed, 1,000 seeds, \$1.50; 10,000 seeds, \$12.50. Write for prices on larger lots.

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets. 100 seeds, \$1.00; 1,000 seeds, \$8.00

Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; lb., \$8.00.



BEGONIA Semperflorens

Begonia

	Trade	pkt.	Oz.
Christmas Cheer Red. A very large-flowered variety, the blossoms attaining a diameter of two inches. Color, dark crimson-scarlet		1.00	....
Christmas Pink. The growth, blossoms and foliage are identical to above variety only the color is a delightful shade of warm rose-pink		1.00	....
Gracilis Luminosa, deep dark scarlet, foliage reddish brown, 10 in.	1/32 oz., \$2.00; 1/8 oz., \$6.00	.50	....
Fireball. Fiery crimson, 10 in., 1/32 oz., \$2.20; 1/8 oz., \$8.00		1.00	....
Gruppen Konigin. Foliage dark green, edged reddish brown. Dwarf compact growth, large brilliant dark rose flowers	1/32 oz., \$2.00	1.00	....
Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in.	1/32 oz., \$2.40	.50	....
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.	1/32 oz., \$2.50	.50	....
White Pearl. White	1/32 oz., \$1.50	1.00	....
Semperflorens Alba. White, 14 in.	1/8 oz., 50c	.25	....
Albert Martin. Bright carmine, very large flowers, 14 in.	1/32 oz., \$1.20	.50	....
Erfordia. Rosy carmine, free-bloomer, 10 in.	1/32 oz., \$1.80	.50	....
Fire Sea. Red flowers, green foliage	1/32 oz., \$2.40	1.00	....
Flame of Love. Brilliant scarlet, flowers of largest size, bright green, brown-tinted foliage, 10 in.	1/32 oz., \$2.00	1.00	....
G. Knaacke. Glowing salmony pink	1/32 oz., \$2.00	1.00	....
Glory of Erfurt. Very large bright carmine flowers, 12 in.	1/32 oz., \$1.60	.50	....
Licniztia. Scarlet carmine, floriferous, 12 in.	1/32 oz., \$1.60	.50	....
Melanie (Marginata). White, margined with rose, 12 in.		.50	....
Rose Charm. Fresh rose color	1/32 oz., \$2.00	1.00	....
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in.	1/32 oz., \$2.00	1.00	....
Vernon. Blood-red, dark leaves, 12 in.	1/16 oz., 50c	.35	....
Wuerttembergia. Deep scarlet	1/32 oz., \$1.00	.50	....
Mixed	1/8 oz., \$0.60	.25	\$3.20
Tuberous-Rooted, Single. Mixed 12-in.	1/32 oz., \$2.20	1.00	....
Crispa	1/32 oz., \$2.40	1.00	....
Narcissus-Flowered		1.00	....
Lloyd (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets, 1 ft.	1/64 oz., \$5.00	1.00	....
Tuberous-Rooted, Double. Mixed	1/64 oz., \$5.00	1.00	....

Vaughan's Asters



BEAUTY ASTER

Tall Section

BEAUTY—2 to 3 feet

Late-Flowering Type

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

White	Rose	Azure-Fairy	
September-Pink	Carmine-Rose	Lavender	
Peachblossom	Crimson	Purple	
			Trade pkt. Oz.
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.40
Mixed, all colors.....	1/4 oz., 40c	.25	1.20

BALL'S WHITE—2 feet

The flowering season comes between the Royal and Late Branching types, filling in between the early and late glut of flowers. It grows to a medium height with full, distinctively centered blossoms, ideally formed for long distance shipping. 1/4 oz., 60c; trade pkt., 25c; oz., \$2.00.

CALIFORNIA GIANTS—2 1/2 to 3 feet

No cut-flower grower can afford to overlook these wonderfully fine asters. They are of vigorous growth and of the Crego, or Ostrich, type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

White	Light Blue		
Peachblossom	Dark Purple		
Deep Rose	Light Purple		
		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 70c	\$0.50	\$2.40
Mixed, all colors.....	1/4 oz., 65c	.35	2.00

Use plenty of lime. The Aster is impatient of acid soil. This point is overlooked by many growers.

CREGO GIANT COMET—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August continuing well into September. A splendid keeper and shipper.

White	Crimson	Dark Blue	
Shell-Pink	Lavender	Purple	
Dark Pink	Cattleya	Azure-Blue	
		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 35c	\$0.25	\$1.20
Mixed, all colors.....	1/4 oz., 30c	.20	1.00

DAYBREAK (American Victoria)

Purity. White	Daybreak-Pink	Rose-Pink	
Azure-Blue	Lavender	Trade pkt. Oz.	
Any of the above.....	1/4 oz., 50c	\$0.25	\$1.80
Mixed, all colors.....	1/4 oz., 40c	.25	1.40

EARLY BEAUTY—2 feet

This type has all of the characteristics of the Late Beauty Type, and is valuable for locations where the season is too short to flower the late type before frost, and for early forcing.

We wish to emphasize, however, that this is not an Early Aster as compared with Early Express or Queen of the Market, but earlier than the Late Beauty Type, which is the latest of all Asters. Planted at the same time this type flowers with the Crego and American Branching.

White	Rose	Azure-Fairy	
September-Pink	Carmine-Rose	Lavender	
Peachblossom	Crimson	Purple	
		Black Prince	
		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 50c	\$0.25	\$1.60
Mixed, all colors.....	1/4 oz., 45c	.25	1.40

GIANT (Late American) BRANCHING—2 1/2 to 3 feet

White	Rose-Pink	Lavender	
Daybreak (Mary Semple)	Crimson	Deep Violet	
Peach Blossom	Azure-Blue	Purple	
		Trade pkt. Oz.	
Any of the above.....	1 lb., \$12.00; 1/4 oz., 30c	\$0.20	\$1.00
Mixed, all colors.....	1 lb., \$10.00; 1/4 oz., 25c	.15	.80

GIANT COMET—2 feet

Yellow.....	1/4 oz., 35c	\$0.25	\$1.20
Shell-Pink.....	1/4 oz., 35c	.25	1.20
Salmon-Rose.....		.35	1.80
Queen of Spain. Flesh.....	1/4 oz., 45c	.25	1.60
Mixed, all colors.....	1 lb., \$10.00	.20	1.00

THE KING—2 feet

The habit is similar to the Giant-Branching, vigorous in growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown.

White	Brilliant Rose	Lavender	
Shell-Pink	Crimson	Dark Blue	
Violet		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.40
Mixed, all colors.....	1/4 oz., 35c	.25	1.20

OSTRICH FEATHER—2 1/2 feet

This is the finest type of Aster for all purposes, especially for market cut-flowers. The graceful long petals are thickly produced.

White	Deep Rose	Light Blue	
Soft Pink	Sky-Blue	Dark Blue	
Crimson	Terra-Cotta	Trade pkt. Oz.	
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.40
Triumph of Paris. Beautiful white flowers with curled and twisted petals, and yellow cushion center.....		.35	1.80
Express Silvery Lilac.....	1/4 oz., 50c	.25	1.80
Mixed, all colors.....	1/4 oz., 35c	.25	1.20

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

White lb., \$10.00	Crimson lb. \$10.00	Dark Blue lb., \$10.00	
Rose-Pink lb., \$10.00	Lavender lb., \$10.00	Light Blue lb., \$10.00	
Flesh	Scarlet	Purple	
		Trade pkt. Oz.	
Any of the above.....	1/4 oz., 30c	\$0.15	\$1.00
Mixed, all colors.....	1 lb. \$8.00; 1/4 oz., 25c	.15	.80

Vaughan's Asters

THE ROYAL—2 feet

Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

White	Deep Rose	Lavender	
Shell-Pink	Lavender-Pink	Pink	
		Purple	
		Trade pkt.	Oz.
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.40
Mixed, all colors.....	1/4 oz., 35c	.25	1.20

EARLY WONDER—16 inches

These are the earliest blooming Asters. Flowers large and full, of the Comet type.

White	Rose	Light Blue	Lavender	Dark Blue	
				Trade pkt.	Oz.
Any of the above.....	1/4 oz., 50c	\$0.25	\$1.80		
Mixed, all colors.....	1/4 oz., 45c	.25	1.60		

AMERICAN ASTERMUM

An attractive and descriptive name for a race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

Snow-White	Rose-Pink	Dark Lavender	
		Trade pkt.	Oz.
Any of the above.....	1/4 oz., 45c	\$0.25	\$1.60
Mixed, three above colors.....	1/4 oz., 45c	.25	1.60

THE SUNSHINE

Improved Anemone-Flowered

One of the most attractive varieties. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it was covered with snowflakes. The blue flowers are dotted with a paler blue and some in white, and the rose in a lighter shade of pink or white. Their delicate beauty is hard to describe. A wonderful cut-flower variety, borne on long, stiff stems, and the flowers last a long time after cutting.

White	Light Blue	Dark Blue	Flesh	
Pink	Dark Rose	Lilac		Trade pkt. Oz.
Any of above.....	1/4 oz., 60c	\$0.35	\$2.00	
Mixed. The above and others.....	1/4 oz., 50c	.25	1.60	

OTHER AMERICAN ASTERS

Heart of France. 2 ft. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, with a soft warm velvety texture... lb., \$16.00; 1/4 oz., 50c .25 1.40

The Mikado. 2 ft. Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl on each other in such magnificent disorder as to make the fluffiest aster we have ever seen. Pink Rochester..... 1/4 oz., 40c .25 1.40

Lavender Gem. The flowers are of a true lavender shade. The petals are gracefully curled and twisted, and the blooms are borne on long stems..... .25 1.40

Moreton Pink. Of the Giant Branching type, the large flowers are well formed and freely produced on long stems; color a beautiful, clear pink with a salmon sheen..... 1/4 oz., 40c .25 1.40

Peerless Pink. 2 1/2 ft. The flowers are enormous, globular in shape, of a most delightful and pleasing rich shell-pink..... 1/4 oz., 40c .25 1.40

Red Sensation. 2 ft. The color being a dark rich garnet or ox-blood-red. The plants are of free branching habit, the double flowers averaging about 3 in. in diameter and borne freely on stems about 12 in. long..... 1/4 oz., 40c .25 1.40

Soleil D'Or (Golden Sun). 18 in. Best yellow Aster..... 1/4 oz., 45c .25 1.60



CALIFORNIA GIANTS

ASTERS IN MIXTURES

Vaughan's Florists' Mixture.....	1/4 oz., 40c	\$0.25	\$1.40
Vaughan's Excelsior Mixture, Tall Asters. This is a mixture of the most beautiful, striking and distinct colors of the tall-growing Asters, selected from the cream of the Giant Comet, Ostrich Plume, Branching and other desirable sorts.....	1/4 oz., 45c	.25	1.60

SINGLE ASTER

These are very much in evidence in European flower shops.

White	Crimson	Dark Violet
Pink	Light Blue	Dark Blue
Bright Rose		

Marechal Joffre. Large-flowered, single red.

Each of the above.....	Trade pkt.	Oz.
	\$0.20	\$0.80
Mixed, all colors.....	.15	.60

DWARF AND SEMI-DWARF ASTERS

Vaughan's Fireball. A splendid dwarf Aster.....	Trade pkt.	Oz.
	1/4 oz., 70c	\$0.35 \$2.40
Boltze's Dwarf Bouquet, Mixed.....	.25	1.20
Dwarf Chrysanthemum-Flowered,		
Mixed.....	1/4 oz., 50c	.25 1.60
White.....	1/4 oz., 70c	.35 2.40
Brilliant Rose.....	1/4 oz., 70c	.35 2.40
Fiery Scarlet.....	1/4 oz., 70c	.35 2.40
Dwarf Queen. Mixed, all colors.....	1/4 oz., 60c	.35 2.00

DWARF SUNSHINE

Dwarf form of the popular tall variety.

Flesh	Lilac
Dark Rose	Light Blue

Each of the above..... \$0.50



CALENDULA, The Ball

Balsam

	Trade	pkt.	Oz.
Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon, Blood-Red.....	\$0.15		\$0.60
Alba Perfecta. Largest and best double white....	.15		.80
Aurora. Striking brilliant color.....	.15		.60
Nilsson Rose. Deep rose-pink.....	.15		.80
The Queen. Salmon-pink.....	.15		.80
Prince Bismarck. Salmon-rose.....	.15		.80
Double Camellia-flowered. Mixed, all colors. Improved.....	.15		.60
Double Rose-flowered. Mixed, all colors.....	.15		.50
Double Dwarf. Mixed, all colors.....	.15		.40
Goliath. White, gigantic size.....	.15		.80
Scarlet.....	.15		.80
Chamois Rose.....	.15		.80
Vaughan's Invincible Mixed. A splendid strain producing very double flowers of the finest form...	.15		.80
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Balsam Apple (Momordica). Curious climbers....	.10		.40
Pear.....	.10		.40
Bartonia Aurea. Golden yellow. 24 in.....	.15		.40
Bachelor's Button. See Centaurea Cyanus.....			.15
Balloon Vine (Cardiospermum Halicacabum).....			.15
Bellis. See perennial pages.			
Bidens Atrorosea (The Black Dahlia), 24 in.....	.25		.60
Humilis Yellow. Cosmos-like flowers, 20 in.....	.15		.60
Bird of Paradise. (Poinciana Gilliesii).....	.25		1.00
Blue Daisy. See Agathea.			
Brachycome Iberidifolia (Swan River Daisy), 12 in. Blue, White, Pink or Mixed, each.....	.15		.80
Browallia Elata. Blue, 18 in.....	.15		.80
Elata Alba. White.....	.15		.80
Mixed.....	.15		.80
Speciosa Major. Large deep blue flowers. Fine for pots. 12 in.....	1/2 oz., \$1.80; 500 seeds, 35c		
Speciosa Major Alba. Same as above, pure white flowers.....	.50		.80
Calacia (Tassel Flower). Scarlet, orange or Mixed; good cut-flower, 16 in., each.....	.10		.50
Calandrinia Grandiflora. Rose, 16 in.....	.10		.80
Umbellata. Crimson-violet, very fine, 6 in.....	.15		.80

Calceolaria Hybrida

	Trade	pkt.	Oz.
Mixed, extra choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. 3 trade pkts, for \$1.40;.....	1/4 oz., \$1.80		\$0.50
Hybrida Grandiflora Graciosa. A type with very large self colors of a great variety of colors, especially in the yellow shades.....	1/4 oz., \$2.50		.75
Albert Kent's Hybrids. A very lovely variety for either greenhouse or outdoor culture. The flowers are intermediate in size and produced in large graceful clusters. The hybrids include about 10 to 12 varied colorings.....			1.00
Grandiflora Nana Tigina. Mixed dwarf.....	1/4 oz., \$2.50		.75
Rugosa Aurea (Golden Rain). Small-flowered. For pots and bedding.....			1.00
Major. Mixed.....			1.00

Calendula

Sensation. Long stems very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	2 oz., \$5.50	1.00	\$3.00
The Ball. This new orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass.....			
.....Lb., \$32.00; 1/4 oz., \$1.00; 2 oz., \$5.00		.50	3.00
Ball Supreme. Light orange with brown eye.....	1/4 oz. \$1.00; 2 oz., \$5.00	.50	3.00
The Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. 1/4 oz., \$1.00; 2 oz., \$5.00		.50	3.00
Orange King, Dark Center. Select Stock. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich dark orange.....	lb., \$12.00	.35	1.00
Orange King (Grandiflora fl. pl.).....	lb., \$4.20	.15	.40
Apricot. Creamy yellow, flushed apricot.....		.20	.80
Sulphurea Plena. Select double sulphur-yellow.....	lb., \$5.00	.15	.50
Pongei Fl. Pl. Double white.....		.15	.80
Meteor.....	lb., \$2.00	.10	.25
Mixed. All colors.....	lb., \$1.40		.15

California Poppy. See Escholtzia.			
Calliopsis Bicolor Nigra Speciosa, Very dark, 40 in..		.10	.30
Radiata (Golden Ray). 10 in.....		.15	.50
Tigrina (Tiger Star). 10 in.....		.15	.60
Splendens. Golden brown, center extra large lb., \$4.80		.15	.50
Coronata Maxima. Bright yellow, 20 in..	lb., \$4.20	.15	.50
Drummondii (Golden Wave). Golden yellow with brown-red ring, 20 in.....	lb., \$2.00	.10	.25
Hybrida Superba. Bizarre new shades, 15 in.....		.10	.30
Double Mixed.....		.10	.40
Dwarf Sorts, mixed.....		.10	.30
Tall Sorts, mixed.....	lb., \$1.60		.15
Vaughan's Special Mixture.....		.15	.50

Campanula. See Perennial pages.			
Canary Bird Flower. Yellow. Good climber for shade		.10	.30

Candytuft

Coronaria (White Rocket). 10 in.....	lb., \$1.40	.10	.15
Empress. Large trusses of pure white flowers, 12 in.....	lb., \$3.60	.10	.30
Ciant Hyacinth-Flowered. Select, pure white, 12 in.....	lb., \$8.00	.20	.80
Princes (Little Prince). Dwarf, large spikes, 6 in..		.15	.60
Snowflake.....		.15	.40
Hybrida Nana Dwarf. Mixed, 6 in.....		.15	.60
Umbellata Carminea. Carmine, 12 in.....	lb., \$4.00	.15	.40
Alba. White.....	lb., \$4.00	.15	.40
Flesh-Pink. 10 in.....	lb., \$4.00	.15	.40
Lilacina. Lilac, 12 in.....	lb., \$4.00	.15	.40
Purpurea. Crimson, 10 in.....	lb., \$4.00	.15	.40
Queen of Italy. Rosy lilac, 10 in.....		.15	.60
Rose Cardinal. Rose-pink, 1 ft.....	lb., \$5.00	.15	.50
Mixed.....	lb., \$2.80	.10	.30
Umbellata Dwarf. 6 in. White, Lilac, Flesh, Crimson, Rose and Dwarf mixed, each.....		.15	.80
For Gibraltarica and Sempervirens see perennial pages.			

	Trade pkt.	Oz.
Canna, Large-Flowering Varieties. Mixed lb., \$4.00	\$0.15	\$0.40
New Varieties Mixed. These seeds are selected from a choice collection of a French specialist who has given much time and attention to this plant. These seeds should produce first-class varieties...	.15	.60
Large-Flowering Pink. Comes pretty true. lb., \$8.00	.25	.80
Cardinal Climber. Bright and delicate climber. . . .	.25	.80

Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size. The calyx does not split. They are borne on stiff stems 15 to 18 inches high.

Our strain will produce 90% double flowers and comes true to color. We can supply it in:

White	Flesh-Pink	Maroon
Yellow	Deep Rose	Salmon-Rose
Rose Pink	Scarlet	

	Trade pkt.	Oz.
Any of above.	¼ oz., 70c	\$0.50 \$2.50
Vaughan's Early and Perpetual-Flowering, mixed.	¼ oz., 65c	.50 2.00
Margaret, Double Red. . . . .	.25	1.60
Double Rose. . . . .	.25	1.60
Striped. . . . .	.25	1.40
White. . . . .	.25	1.40
Yellow. . . . .	.35	1.40
Giant Mixed. An extra choice strain. . . . .	.25	1.40
Giant White. Large and double. . . . .	.35	1.80
Giants of Nice. Blooms in four to five months from sowing.	½ oz., \$2.00; 1000 seeds, 75c	
American Varieties. Seeds saved from the best varieties, with large flowers borne on long stems.	100 seeds, 65c; 1,000 seeds, \$5.00	
Mixed, extra choice.	¼ oz., 60c	.35 2.00
Vaughan's Special Mixture. A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud.	½ oz., \$1.00; 1,000 seeds, 50c	

For other Carnations see Hardy Perennials.

Celosia

Childsii (Chinese Wool Flower). Crimson, 2 ft.	¼ oz., 40c	.25 1.20
Deep Rose, New.	¼ oz., 40c	.25 1.20
Mixed.	¼ oz., 40c	.25 1.20
Chrysanthemiflora. A cross between C. Plumosa and Cristata. Mixed.	¼ oz., 65c	.35 2.40
Cristata (Coxcomb). Tall, crimson, golden yellow, rose, scarlet and chamois, each.	¼ oz., 35c	.25 1.20
Tall sorts, mixed. . . . .		.15 .80
Parrot's Feather, Cristata X Plumosa ½ oz., \$1.00	.50	....
Nana Aurea. Dwarf, dark golden, 12 in. . . . .	.35	....
Empress. Bright crimson combs, dark foliage, beautiful, 12 in.	¼ oz., 70c	.35 2.40
President Thiers. Dark crimson, 12 in. ¼ oz., 70c	.35	2.40
Rosea. Dwarf, dark rose combs, 12 in. . . . .	.35	....
Dwarf Sorts. Extra choice mixed. . . . .	.35	2.00
Plumosa (Ostrich Plume). Crimson. . . . .	.25	1.00
Ostrich Plume. Orange. . . . .	.25	1.00
Pride of Castle Gould.	½ oz., 65c	.50 3.20
Triumph of the Exposition, Mixed. . . . .	.15	.60
Dwarf Mixed. Fine for pots.	¼ oz., 65c	.25 .80
Thompsoni Magnifica, Mixed. . . . .	.15	.80
Tall Mixed, feathered varieties. . . . .	.10	.50
Spicata. Vivid rose, turning to silvery white. . . . .	.15	.80

Centaurea

Americana. Lilac, handsome, 4 ft.	lb., \$5.00	.10 .50
Alba. White, rare, 4 ft. . . . .	.15	.80
Candidissima (Dusty Miller). Yellow, silvery foliage, 16 in.	¼ oz., 40c	.25 1.40
Cyanus (Corn Flower). 36 in.		
Single Blue (Emperor William). Sky-blue lb., \$2.20	.10	.30
Mixed, all colors.	lb., \$1.80	.10 .20
Double Atropurpurea. Plum color.	lb., \$4.00	.10 .40
Crimson.	lb., \$4.40	.10 .40
Blue. Excellent cut flower variety.	lb., \$4.00	.10 .40
Mauve. New.	lb., \$4.00	.10 .40
Rosea (Lawson Pink). Pink, fine color lb., \$4.40	.10	.40
White. Pure.	lb., \$4.80	.15 .50
Mixed, all colors.	lb., \$3.00	.10 .30
Victoria. Dwarf blue, for borders, 8 in. . . . .	.10	.30



ANNUAL CHRYSANTHEMUM

CENTAUREA—Continued	Trade pkt.	Oz.
Vaughan's Special Mixture. Cyanus varieties.	lb., \$4.40	\$0.15 \$0.50
Gymnocarpa. Silvery foliage.	lb., \$4.00	.15 .50
Imperialis (Giant Sweet Sultan) Alba. Pure white, 32 in. . . . .		.15 .60
Amaranth. Splendid new color. . . . .		.15 .80
Deep Lavender.	lb., \$6.00	.15 .60
Favorita. Rosy lilac.	lb., \$6.00	.15 .60
Imperialis. Lilacina. Lilac center. . . . .		.15 .60
Splendens. Dark purple.	lb., \$6.00	.15 .60
Mixed Colors. . . . .		.10 .40
Moschata, Mixed (Sweet Sultan). 32 in. . . . .		.15 .50
Suaveolens (Sweet Sultan). Canary-yellow, 2 ft.	lb., \$4.00	.10 .40
Vaughan's Special Mixture includes all the annual Centaurea sorts. . . . .		.15 .60

See also perennial pages.

Centrosema Grandiflora. Reddish violet. ¼ oz., 40c	.25
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Chrysanthemum

Carinatum, Burridgeanum. White and crimson with yellow ring, 20 in.10	.40
Eclipse (Chameleon). Brown and yellow, fine (varies), 20 in. . . . .	.10	.40
Golden Feather. Yellow foliage, fine, 20 in. . . . .	.10	.40
Northern Star. Giant white flowers, with light yellow center and black disk, 20 in. . . . .	.10	.40
Purpureum (W. E. Gladstone). Deep purple with yellow ring, 20 in. . . . .	.10	.40
The Sultan. Dark copper yellow ring, 20 in. . . . .	.10	.40
Single Mixed. . . . .	.10	.30
Radiatum Album, Pinwheel. White, 20 in. . . . .	.25	1.00
Aureum, Golden Wheel. Chrome yellow with dark disc, 20 in. . . . .	.25	1.00
Dunnetti Album pl. Double white, varies, 20 in. . . . .	.15	.60
Aureum pl. Double yellow, varies, 20 in. . . . .	.15	.60
Coccineum pl. Double scarlet, 20 in. . . . .	.15	.60
Coronarium. Double golden yellow, 4 ft. . . . .	.10	.20
Double White, 4 ft. . . . .	.10	.20
Double Mixed. . . . .	.10	.20
Pumilum Luteum pl. Dwarf golden yellow . . . . .	.15	.50
Frutescens (Paris Daisy). White, 30 in. . . . .	.15	.60
Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft.	½ oz., \$1.30	.50 .80
Single Chinese. Early-flowering . . . . .	.50	4.00
Inodorum Plenissimum. Double white, 20 in. . . . .	.15	.60
Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in.	¼ oz., 40c	.25 1.40



COSMOS, Double Early-Flowering Mixed

CHRYSANTHEMUM—Continued		Trade pkt.	Oz.
Japonic fl. pleno. Double Japanese, mixed, 2 ft.	..... 1/8 oz., \$1.20	\$0.50	.....
Single. Finest mixed.....	1/8 oz., \$1.20	.50	.....
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in.....		.10	\$0.40
Gloria (Morning Star). Primrose flowers, 20 in..		.10	.40
Helios (Evening Star). Large golden yellow flowers, 20 in.....		.10	.40
Vaughan's Double and Single Mixed, annual sorts.		.15	.50

See also perennial pages.

Cineraria Hybrida

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/32 oz., \$4.00; 1/16 oz., \$7.00; about 700 seeds 1.00

Covent Garden Strain. The flowers of this new strain are much smaller than those of our Columbian Mixture, but the plants produce a large head of bloom when grown in small pots. There are many beautiful shades of color..... 1,000 seeds 1.00

Howard and Smith's Strain. A very fine selection from a California specialist. Seed from the originator..... 1/32 oz., \$3.00 1.00

Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. diameter in compact heads over small and dainty foliage. The flowers are all self-colored, embracing shades of light and dark pink, light and dark blue, red and violet..... 1/32 oz., \$2.50 1.00

Nana Maxima. Mixed..... 1/32 oz., \$2.00 1.00

Potsdam Strain. An improvement on the Multiflora Nana Strain..... 1/64 oz., \$1.70 1.00

Large-Flowering.....	Each	
Crimson.....	per trade	
Azure Blue.....	pkt.	
Blood-Red.....	(500 seeds)	
Dark Blue.....	50c	
Old Rose. Pink to rich coppery red.....	.50	.....
Matador. Deep copper scarlet.....	.50	.....

Plenissima Mixed. From finest double flowers, nearly true from seed..... 1.00

CINERARIA HYBRIDA—Continued		Trade pkt.	Oz.
James' Giant. A well-known English strain.	..... 1/32 oz., \$2.50; 1,000 seeds	\$1.00	.....
Giant Salmon. New.....	1,000 seeds	1.00	.....
Grandiflora, Semi-Dwarf. Mixed.	..... 1/32 oz., \$2.20; 500 seeds	.50	.....
Gigantea. Dark red, with white.....	500 seeds	1.00	.....
Dark blue with white.....	500 seeds	1.00	.....
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. Plants grow 3 ft. high.	1/16 oz., \$1.00	.50	.....
Feltham Beauty. Somewhat dwarfier than above, but with larger flowers and broader petals; nearly all have white centers.....	500 seeds	.50	.....
Polyantha Blue Tints.....		.50	.....
Cineraria Maritima Candidissima. For bedding.....	.15	\$0.50	
Diamond. Leaves pure white.....	.15	.60	

Clarkia Elegans Fl. Pl. 2 ft.

This is now much planted for cutting, both in and outdoors. If grown indoors plants must be starved.

Clarkia Elegans Fl. Pl. 2 ft.		Trade pkt.	Oz.
Appleblossom. A good rose-pink.....		\$0.15	\$0.80
Brilliant, double salmon.....		.15	.80
Chamois. Pale rosy pink.....		.15	.80
Orange King. A good orange.....		.15	.80
Purple Prince. Rich purple.....		.15	.80
Queen Mary. Carmine.....		.15	.80
Salmon Queen. One of the best.....	lb., \$8.00	.20	.80
Scarlet Queen.....		.15	.80
Vesuvius. Fiery scarlet and rose.....		.15	.80
White Prince.....		.15	.80
Double, extra choice, mixed.....		.15	.80

Cleome Pungens (Giant Spider Plant). Light rose... .10 .40

Clianthus Dampieri (Glory Pea of Australia). Dark red and black, 24 in..... .50 3.00

Cobaea Scandens. Purple..... lb., \$6.00 .15 .50
Scandens Flore Albo. White..... .15 .80

Cockscomb. See Celosia.

Coix Lachrymae (Job's Tears)..... lb., 60c .10

Coleus Colosse des Pyrenees..... 1/16 oz., \$2.00 1.00

Large-leaved Dwarf Mixed, for pots..... 1/16 oz., \$2.00 1.00

Extra Choice, Large-leaved, mixed..... 1/16 oz., \$1.50 .50

Fine Mixed..... 1/8 oz., \$0.50 .35 3.20

Harlequin..... .50

Laciniated and Fringed, 16 in..... .50

Large-leaved, copper color, 20 in..... .50

Vaughan's Rainbow Mixture..... 1/16 oz., \$1.50 .50

Collinsia. Mixed, 1 ft..... .15

Columbine. See Aquilegia.

Commelina Coelestis. Navy blue flowers, 24 in.... .35 1.80

Convolvulus Major (Morning Glory). Mixed, all colors..... lb., 70c .10

Double White (Snow Fairy)..... .10 .40

Double Mixed..... .10 .40

Minor Dwarf, mixed..... lb., 80c .10

Mauritanicus. Blue, for hanging baskets, 6 in.... .35 3.20

Coreopsis. See perennial pages.

Corn Flower. See Centaurea Cyanus.

Cosmidium Burrigeianum. Orange Crown. Golden yellow with a broad circle of a rich orange around the disc, 24 in..... .10 .40

Cordylina. See Dracaena.

Chinese Forget-me-not

Cynoglossum Amabile. A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut-flower..... .25 1.00

Cosmos

Giant-Flowered Crimson Ray..... .10 .30

Mixed, all colors..... lb., \$1.60 .10 .20

Pink Lady Lenox..... lb., \$2.20 .10 .20

White Lady Lenox..... lb., \$2.20 .10 .20

Early-Flowering Mammoth. White, pink or crimson, each..... .10 .40

Mixed, all colors..... lb., \$2.40 .10 .30

Early-Flowering Harbinger. Soft shades of pink, peach, apple blossom, lavender and other intermediate shades, and all giant-flowered of the early-flowering type. This is Northern-grown seed..... .20 1.00

COSMOS —Continued	Trade pkt.	Oz.
Anemone-Flowered (Crested). Pink, Red or White.		
Each.....lb., \$14.00	\$0.20	\$1.00
Mixed.....	.20	1.00
Double Early-Flowering. They come about 75 per cent double. They bloom in 70 days from day seed is sown, so that seed sown the latter part of April will easily be in bloom by the Fourth of July, and continue until cut down by frost. Pink, White or Red.		
..... $\frac{1}{8}$ oz., 50c	.35	3.00
Mixed..... $\frac{1}{4}$ oz., 60c	.25	2.00
Clondyke. Orange-yellow, late-bloomer.....	.15	.60
Crucianella Stylosa. Light red, 18 in.....	.15	.60
Cuphea Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft..... $\frac{1}{8}$ oz., \$1.00	.50	....
Purpurea. Mixed.....	.20	....
Cyperus Alternifolius (Umbrella Plant).....	.20	1.20
Cypress Vine. White, Scarlet or mixed, each.....	.10	.25
Ivy-Leaved Scarlet.....	.15	.50
Hybrid Cardinal Climber.....	.25	.80

Cyclamen

NOTE—Cyclamen seed prices are net.
Giant English-Grown

Brilliant Giganteum. Very robust grower. Fiery crimson flowers. 100 seeds, \$1.60; 1,000 seeds, \$14.00.
Cherry Ripe. Nearly scarlet. 100 seeds, \$1.60; 1,000 seeds, \$14.00.

Prices—any of the following—100 seeds, \$1.40; 1,000 seeds, \$12.00.

Saint George. Foliage is beautifully margined with bright silver. Not unlike the Begonia Rex, and the flowers are a rich salmon color
Crimson Saint George. Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson.
Queen Mary. Salmon with claret base.
Rosy Morn. Delicate rose color with claret base.
Grandiflorum Album. The largest giant white.
Excelsior. White with red base. Extra large flowers
Duke of Fife. Dark rose.
Princess of Wales. Deep pink.
Salmon King. Salmon.
English Varieties, Mixed. From separate sorts. 100 seeds, \$1.20; 1,000 seeds, \$10.00.

Persicum Giganteum—German Type

	100	1000
	Seeds	Seeds
Glory of Wandsbek (Pearl of Zehlendorf). Dark salmon	\$1.50	\$12.00
Rose von Wandsbek (Rose of Zehlendorf). Light salmon	1.40	12.00
Salmon Scarlet. A favorite in the Chicago trade.....	1.80	16.00
Rose of Marienthal. Delicate pink.....	1.00	8.00
Rose Magnificum.....	1.20	10.00
Pure White. Very large.....	1.00	8.00
White with Pink Eye. Very large and fine.....	1.00	8.00
Glowing Dark Red (Christmas Red).....	1.00	8.00
German Type Mixed.....	1.00	8.00

Dahlia

These are easily grown from seed.

	Trade pkt.	Oz.
Double Mixed. Extra choice mixed.....	\$0.50	\$2.20
Cactus-Flowered. Extra choice mixed.....	.50	4.00
Selecta. Novelty, an extra choice strain.....	1.00	8.00
Lilliput. Mixed.....	.35	3.00
Hornsveldt's Giants. A splendid strain.....	.50	6.00
Single Giant Perfection. Mixed, 4 ft.....	.25	1.00
Collarette. New hybrids, 3 ft.....	.25	1.20
Coltness Strain.....	.50	3.00
Stella.....	.35	2.00
Striped and Spotted, 3 ft.....	.25	....
Vaughan's Special Mixture, double and single.....	.50	3.00
Vaughan's Special Double Mixed.....	.50	4.00

Daisy, see Bellis, Agatheia, Arctotis, Brachycome, Chrysanthemum Maximum and Frutescens, Dimorphotheca and Pyrethrum roseum.

Datura Fastuosa fl. pl. Double mixed, 40 in.....	.10	.30
Double White, 40 in.....	.10	.30
Cornucopia. White marbled with purple, 40 in.....	.10	.50
Triple-flowered. Yellow (Golden Queen), 40 in....	.10	.40
Delphinium. See Larkspur and Perennial Pages.		

TYPE OF OUR CYCLAMEN



Dianthus—Pinks

	Trade pkt.	Oz.
Barbatus, see Sweet William.		
Chinensis fl. pl. Double Chinese, mixed, 16 in.		
.....lb., \$4.00	\$0.10	\$0.40
Single Chinese. Extra choice, mixed, 16 in.....	.10	.40
Tom Thumb. Brilliant scarlet, 6 in.....	.25	1.40
Heddewigii fl. pl. Double, Japan pink, choice, mixed, 12 in.....	.15	.50
Albus pl. Double white (Snow Queen).....	.15	.80
Atropurpureus pl. Midnight, double dark red... ..	.15	.80
The Bride. Single white, purple center.....	.15	.80
Diadematus pl. Diadem pink. Double mixed... ..	.15	.80
Eastern Queen. Single rose.....	.15	.60
Fireball. Double, brilliant dark scarlet.....	.20	1.00
Marginatus. Silver-edged, single.....	.15	.80
Mourning Cloak. Double black purple, white margin.....	.15	.80
Rosalind. Double rose.....	.35	....
Single Japanese varieties. Choice mixed.....	.10	.40
Imperialis fl. pl., Imperial Pinks. Mixed, 12 in....	.10	.40
Laciniatus Lucifer. Double orange.....	.20	1.00
Mirabilis. Single, deeply cut petals, 12 in.....	.15	.60
Salmoneus (Salmon Queen). Single, salmony-scarlet, 8 in.....	.15	.80
Fl. pl. Double salmon.....	.20	1.00
Snowball. Double white.....	.20	1.00
Splendens. Single, red shades with white center and border.....	.15	.80
Vesuvius. Single, intense orange-scarlet.....	.15	.80
Violaceous fl. pl. Double deep violet.....	.25	....
Single fringed. Choice mixed.....	.15	.50
Double fringed. Best mixed.....	.15	.80
Vaughan's Special Mixed, Double and Single Pinks	.15	.80
Vaughan's Special Mixture, Single Pinks.....	.15	.80
Vaughan's Special Mixture, Double Pinks.....	.15	.80

See also Perennial pages.

Didiscus Coeruleus (Lavender Lace Flower). 3 ft. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief or Wild Carrot. A constant bloomer. To be sown where they are to flower.....	.25	1.00
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GLOXINIA, Type of Vaughan's Columbian Mixture

	Trade	pkt.	Oz.
Digitalis , see Perennial pages.			
Dimorphotheca Aurantiaca (Orange Daisy). Glossy orange-golden flowers, 12 in.	\$0.15	\$0.80	
Aurantiaca , New Hybrids.	.15	.80	
Dolichos (Hyacinth Beans). Mixed.	lb., \$1.00	.15	
Princess Helen (Daylight). Pure white.		.20	
Purple Soudan . Rose-purple.		.20	
Lignosus , Australian Pea Vine. Purple.	.20	.80	
Dracaena Australis .	lb., \$6.00	.15	.60
Indivisa .	lb., \$4.00	.10	.40
Latifolia .		.15	.80
Lineata .		.15	.60
Echeveria (Hen and Chicken). <i>De Smetiana</i> .			
..... 100 seeds, 45c; 1000 seeds, \$3.50			
Setosa 100 seeds, 65c; 1000 seeds, \$5.00			
Erysimum Perofskianum . Orange, 2 ft.	.10	.40	
Pulchellum , 12 in.	.15	.70	
Erythrina Crista-Galli (Coral Tree); 3 ft.	.35	2.50	
Escholtzia (California Poppy), Mandarin. Deep orange, 16 in.	lb., \$4.00	.10	.40
Californica . Pure yellow, 16 in.	lb., \$2.00	.10	.20
Carmine King . Deep carmine.	lb., \$5.00	.15	.50
Chrome Queen , 16 in.		.15	.50
Mikado . Brilliant orange-scarlet.		.10	.50
Glory of the West or the Golden West. Lemon with deeper yellow center.	lb., \$2.00	.10	.25
Rosy Morn (<i>Canaliculata Rosea</i>). Rose suffused, cream-white, 16 in.		.10	.40
Erecta Compacta , Dainty Queen. Rose-flesh.		.15	.70
Hunnemannia , Bush <i>Escholtzia</i> . Yellow, 18 in.	lb., \$6.00	.15	.50
Double . Pink.		.15	.80
White.		.15	.60
Yellow.		.15	.60
Mixed.		.15	.60
Mixed, many colors.	lb., \$1.60	.10	.20
Vaughan's Special Mixture.		.15	.60
Eucalyptus Globulus , Blue Gum.		.15	.80
Euphorbia Heterophylla (Mexican Fire Plant).		.15	.80
Variiegata (Snow-on-the-Mountain). Foliage edged white and green, is used in making up bouquets.		.10	.40
Evening Primrose , see <i>Oenothera</i> .			
Everlasting Flowers . Annual. See <i>Ammobium</i> , <i>Acroclineum</i> , <i>Helichrysum</i> , <i>Rhodanthe</i> , <i>Xeranthemum</i> , <i>Gomphrena</i> , <i>Lunaria</i> and <i>Statice</i> .			
Perennials. See <i>Echinops</i> , <i>Eryngium</i> , <i>Gypsophila</i> , <i>Lunaria</i> , <i>Ornamental Grasses</i> , <i>Physalis</i> and <i>Statice Latifolia</i> .			
Everlasting Flowers . Annual. Mixed.	.15	.60	
Exacum Affine . Blue. Fine for pots and baskets.			
..... 1000 seeds, \$1.00			

Fern Spores

Aspidium Cyrtomium Falcatum, *Aspidium C. Falcatum* Foruncel, *Aspidium C. Rochfordianum*, *Aspidium Tsussinense*, *Dicksonia Cicutaria*, *Polypodium Aureum*, *Pteris Argyraea* P. *Cretica Albo-lineata* P. *Cretica Cristata*. P. *Cretica Mayii*, P. *Cretica Ouvrardii*, P. *Ensiformis Victoriae*, P. *Tremula*, P. *Cretica Wilsonii*, P. *Cretica Wimsettii*, P. *Cretica Wim. Multiceps*.

Any of the above, per trade packet, 75c.

Feverfew. See *Matricaria* and *Pyrethrum*.
Forget-Me-Not (*Myosotis*). See Perennial pages.
Foxglove (*Digitalis*). See Perennial pages.

Trade pkt. Oz.

Four O'Clock (Marvel of Peru). Mixed. These may be treated as Dahlias and the tubers stored in a dry place during the winter and replanted in spring, this will result in much larger plants that will flower earlier and more freely.	lb., \$1.20	.....	\$0.10
Red, Rose, Lilac and Yellow, each.		\$0.10	.25
Dwarf Mixed. Choice assortment.		.10	.30
Longiflora Alba. Sweet-scented.		.10	.40
Freesia Refracta Alba .	lb., \$4.00	.10	.40
Rainbow Hybrids. The new colored Freesias.	1/4 oz., 50c	.25	1.60
Fuchsia . Single mixed.			
..... 200 seeds, 80c; 1000 seeds, \$3.50			
Double Mixed. 200 seeds, 80c; 1000 seeds, \$3.50			
Gaillardia Amblyodon . Red, fine, 24 in.		.15	.60
Aurora Borealis . Brown, red and yellow.		.15	.50
Lorenziana . Double mixed, 20 in.		.10	.40
Lorenziana Rubra . Red shades with white.		.15	.80
Picta . Single mixed.		.10	.40
Indian Chief . New bronzy red.		.20	1.00
Josephus . Red with broad yellow band.		.10	.50

Garden Heliotrope, see *Valeriana*.

Gaura Lindheimeri. White. Fine for large groups. .15 .60

Geranium. Apple-scented.25 1.60

 100 seeds, 60c; 1000 seeds, \$4.50

Zonale. Single, fine mixed.35 2.00

 Single, extra large-flowering, mixed, choice.

Lady Washington.

 100 seeds, \$4.00; 1000 seeds, \$30.00

Gerbera Jamesonii Hybrids.

 100 seeds, 60c; 1000 seeds, \$4.00

Gesneria Robusta Perfecta Hybrids. A fine pot plant.

 It belongs to same class as the *Gloxinias* and needs same culture in greenhouse. By regulating their rest period may be brought into bloom at almost any time.

 1.00

Gilia. Mixed.15

Capitata Blue (*Blue Thimble Flower*). 2 ft. fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter; retains its color when dried.

 10 .30

Gladiolus Gandavensis Hybrids, mixed.15 .60

Primulinus Hybrids, mixed.15 .60

Globe Amaranth (*Gomphrena*). Mixed.10 .25

Globosa. Red-purple, white and pink.10 .25

Orange (*Haageana*). Flower looks like a ripe strawberry.

 15 .60

Gloxinia Hybrida

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate.

 1/2 oz., \$2.50. Trade Pkt. (about 1000 seeds) 1.00

Emperor Frederick. Scarlet, white margin. 1.00

 1/2 oz., \$3.00

Emperor William. Dark blue, bordered white. 1.00

 1/2 oz., \$3.00

Othello. Purple. 1/2 oz., \$3.00

Scarlet Queen. Deep scarlet. 1/2 oz., \$2.50

Snow Queen. 1/2 oz., \$3.00

Waterloo. Black red, passing to deep carmine. 1/2 oz., \$3.00

 1/2 oz., \$2.50

Spotted and stained choice, mixed. 1.00

Regina Sinningia Imperialis. 1.00

Gigantea Mixed. 1/2 oz., \$2.40

ROCK PLANTS

Seeds for these are very much in demand at the present. We list many of them and shall be pleased to furnish the names of such on request.

Godetia

Gladiolus-Flowered Double. The flowers are double and should be cut before fully opened. Do not use any fertilizer. 24 in.

Carmine	Rosy Morn (Deep Rose)	
Rose	Mauve	
		Trade pkt. Oz.
Each of above	.....	1/4 oz., 75c \$0.35
The Bride. White and crimson, 24 in.	.....	.15 \$0.60
Duchess of Albany. Satiny white, 16 in.	.....	.15 .60
Gloriosa. Glowing dark red, 10 in.	.....	.15 .60
Rosamunde. Bright carmine, 8 in.	.....	.15 .60
Whitneyi. Double bright rose, 15 in.	.....	.15 .80
Lady Satin Rose, 10 in.	.....	.15 .60
New Dwarf Hybrids. Mixed	.....	.15 .50
Mixed, many sorts	.....	.10 .40

Gomphrena, see Globe Amaranth.

Gourds. Apple-shaped, beautifully striped

Bottle, large, the original Thermos bottle	.....	.....
Calabash (Pipe Gourd). Odd-shaped fruit	.....	.....
Dipper or Siphon, for dippers and wrens' nests	.....	.....
Dish-cloth or Towel	.....	.....
Gooseberry. Gooseberry-shaped	.....	.....
Hercules' Club. Fruit grows 3 to 4 ft. long	.....	.....
Japanese Nest Egg. Fruit used as nest eggs	.....	.....
Mock Orange	.....	.....
Ornamental Pomegranate. Fruit delightfully fragrant	.....	.....
Pear-shaped. Striped yellow and green	.....	.....
Spoon. Deep orange, small ball-shaped fruit with slender neck	.....	.....
Sugar Trough. Thick shells	.....	.....
Turk's Turban. Odd brightly colored fruits	.....	.....
Each of the above	.....	.10 .35

Write for prices on larger lots.

Many sorts. Mixed	.....lb., \$1.60	.10	.20
Small sorts. Mixed	.....lb., \$1.80	.10	.20
Gypsophila Robusta (Silk Oak)	.....lb., \$10.00	.20	.80
Gypsophila Muralis . Dwarf pink, 6 in.	.....	.15	.60
Elegans (Angel's Breath). White	.....lb., \$1.00	.....	.15
Crimson. New	.....	.10	.30
Rosea	.....lb., \$2.00	.10	.20
Grandiflora Alba . Fine for cutting. A very choice strain	.....1/4 lb., 50c; lb., \$1.60	.....	.20
Carminea . Carmine	.....lb., \$2.40	.10	.25

See also Perennial pages.

Helianthus. See Sunflower.

Helichrysum Monstrosum fl. pl. Double mixed

.....lb., \$4.80	.10	.40
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Silver Ball	Rose-Carmine	Canary-Yellow
Fireball	Salmon Queen	Crimson
Golden Ball	Violet Queen	Salmon-Red
Each of the above	.....	.....lb., \$6.00
Rose Queen	.....	.25 1.00
Vaughan's Special Mixture	.....	.....lb., \$6.00
.....	.....	.10 .60

Heliotrope. Finest mixed

.....	.....1/4 oz., 30c	.20	1.00
Mammoth Flowered . Mixed	.....1/4 oz., 50c	.35	1.40
King of the Blacks	.....1/4 oz., 60c	.35	.....
Madam Bruant . Violet-blue with white eye	.....	.50	1.80
Madam Lederle . Giant-flowered dark blue	.....	.50	1.80
White Lady . Pure white	.....	.25	.....

Heliotropes will bloom from seed in four months.

Helipterum Sandfordi. Chrome yellow, 12 in.

.....	.15	.80
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Herniaria Hirsuta. Used for ground cover, 3 in.

.....	.15	.60
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Humulus Japonicus (Japanese Hop). Green-leaved

.....lb., \$4.00	.10	.40
Japonicus fol. variegatis (variegated foliage)15	.50

Hunnemannia Fumariaefolia (Bush Escholtzia). Does well in greenhouse, 18 in.

.....lb., \$6.00	.10	.50
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Ice Plant (Mesembryanthemum Crystallinum). 8 in.

Tricolor. Carmine, white and purple25	1.20
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Impatiens Holstii. Vermilion, very fine

.....1/32 oz., \$1.00; 500 seeds	.35
Holstii . New Hybrids, extra choice35
.....	.....1/32 oz., \$1.00; 500 seeds	.35	.....
Sultani . Bright rose	.....1/32 oz., \$1.00; 500 seeds	.35	.....
Hybrids	.....1/32 oz., \$1.00; 500 seeds	.35	.....

These Impatiens will make splendid pot plants for Christmas.

Ionopsidium Acaule (Diamond Flower). Pale lilac, 5 in.

.....	.25	2.00
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GODETIA, Gladiolus-Flowered Double

			Trade pkt. Oz.
Ipomoea . Bona Nox (Evening Glory), large, bluelb., \$2.00	\$0.10	\$0.15
Coccinea (Star Ipomoea), scarlet, very free-flowering	.....	.10	.30
Giant Pink , Northern Light	.....lb., \$3.60	.15	.40
Imperialis (Jap. Morning Glory) mixed	.....lb., \$1.20	.....	.15
Japanese Fancy Fringed , extra	.....lb., \$2.20	.10	.25
Noctiflora (Moonflower), white seeded	.....lb., \$3.20	.10	.40
Noctiflora , black seeded	.....lb., \$3.20	.10	.40
Rubro-coerulea or Heavenly-Blue, pure sky-blue shading to white at center	.....	.15	.80
Early-Flowering , a good seller	.....	.20	1.20
Setosa (Brazilian Morning Glory), red	.....lb., \$3.20	.10	.30

Isoloma Hirsutum Multiflorum Hybridum. Fine for pots. The large leaves, which are of a texture similar to those of the Gloxinia, are of a rich dark green; the reverse of them, as well as the flower stalks, are covered with bright red hair. The flowers are produced in abundance and in various colors and color combinations. Seed sown in January or February will bloom in June or July, and will continue to flower until winter without cessation. This is a most desirable pot-plant. 1.00

Kaufussia Amelloides, blue, 10 in.

.....	.25	1.20
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Kochia Childsii (Summer Cypress)

.....lb., \$1.40	.10	.15
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Lantana Hybrida. Mixed

.....	.15	.50
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Bruant's New Dwarf Hybrids, mixed

.....lb., \$6.00	.15	.50
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Lavatera Arborea Variegata. Leaves mottled with yellow, 36 in.

.....	.15	.80
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Rosea Splendens, 30 in.

.....	.15	.60
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Alba Splendens, 30 in.

.....	.15	.60
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Lavender Lace Flower, see Didiscus.

Leptosiphon. French Hybrids, 10 in.

.....	.15	.60
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Leptosyane Maritima. Yellow, 24 in.

.....	.15	.80
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Stillmani. Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in.

.....	.15	.80
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Limnanthus Douglasi, yellow and white, 6 in.

.....	.15	.60
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Linaria Maroccana Excelsior, mixed, 12 in.

.....	.15	.60
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Lemon Verbena (Aloysia Citriodora)

.....1/4 oz., 85c	.25
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Lilium Regale. See Perennial Pages.

Linum Grandiflorum Rubrum. Large-flowered scarlet Flax, 16 in.

.....lb., \$3.00	.10	.25
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ANNUAL LARKSPUR, Stock-Flowered

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 stock make this one of the best catch crops a florist can plant.

The new selections of the Stock-Flowered and Hyacinth-Flowered strain include nearly an entire color range, the pinks being particularly effective. For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready.

	Trade	pkt.	Oz.
Stock-Flowered, 45 in., Newport Pink.....lb., \$ 6.00	\$0.15		\$0.60
White.....lb., 5.40	.15		.60
Bright Rose.....lb., 6.00	.15		.60
Dark Blue.....lb., 5.40	.15		.60
Exquisite Pink.....lb., 12.00	.25		1.00
Flesh.....lb., 5.40	.15		.60
Lilac.....lb., 5.40	.15		.60
Rosy Scarlet.....lb., 6.00	.15		.60
Sky-Blue (Ageratum).....lb., 5.40	.15		.60
Mixed.....lb., 4.00	.10		.40
Improved Giant Hyacinth-Flowered, 45 in.,			
Violet Blue.....lb., 10.00	.35		.85
Mauve.....lb., 10.00	.35		.85
Pink.....lb., 10.00	.35		.85
Lilac.....lb., 10.00	.35		.85
White.....lb., 10.00	.35		.85
Mixed.....lb., 8.00	.25		.80
Exquisite Pink "Improved." This is the most out-			
standing flower seed novelty in annuals this year. It			
is a selection of this beautiful salmon-pink which			
comes practically 100% true, stock is limited.			
.....lb., 1/4 oz., 75c	.50		2.25
Emperor. Extra choice mixed, 2 ft.....lb., \$5.00	.15		.50
Pink Delight, same shade as Stock-Flowered Ex-			
quisite.....lb., 3.50	.35		1.10
Double Dwarf Rocket., 21 in. Best mixed.....lb., 1.50	.15		.50

LARKSPUR—Continued	Trade	pkt.	Oz.
Butterfly Blue.....lb., \$0.15			\$0.80
Lavender.....lb., .20			1.00
White.....lb., .20			1.00
Butterfly Larkspurs are perennials and bloom from			
seed the first year.			
Vaughan's Special Mixture Annual Larkspur.....			
.....lb., \$7.00	.15		.60

See also Delphinium—Perennial Pages.

Lobelia

Erinus Crystal Palace Compacta, 4 in.....1/4 oz., 60c	.25		2.00
Speciosa. Dark flowers and foliage, 10 in.....	.20		1.00
Emperor William. Dwarf, 4 in.....1/4 oz., 50c	.25		1.60
Pumila Splendens, Bedding Queen. Dark blue,			
white eye, dwarf, 4 in.....1/4 oz., 60c	.25		2.00
Alba, Snowball, 4 in.....	.25		1.80
Rosea Pink, 4 in.....	.25		.....
Speciosa Superba Compacta, Royal Purple. Dark			
blue, white eye, dark foliage.....1/4 oz., 50c	.25		1.80
Prima Donna. Velvety maroon, 10 in.....	.25		.....
White Lady, 10 in.....	.20		1.00
Gracilis. Blue, 10 in.....	.15		.80
Mixed, 10 in.....	.15		.80
Hybrida, Hamburgia. Good for hanging baskets, sky-			
blue, white eye.....1/4 oz., 50c	.20		1.80
Sapphire. For hanging baskets, large deep navy-			
blue with white eye.....1/4 oz., 60c	.25		2.00
Tenuior, Blue, 16 in.....1/4 oz., 50c	.25		.....
Lophospermum Scandens, Climbing Foxglove. Rose	.35		2.40

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Trade	pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue, 24 in.....lb., \$3.20	\$0.10		\$0.30
Light Blue. Cambridge-Blue.....lb., 3.20	.10		.30
Roseus.....lb., 3.20	.10		.30
Albus.....lb., 3.20	.10		.30
Luteus Romulus. Yellow, large, 12 in.....lb., 8.00	.20		.80
Sulphureus Superbus. Annual Yellow. Takes well			
on the Chicago market, 28 in.....lb., \$8.00	.20		.80
Annual sorts mixed, tall.....lb., 2.20	.10		.20
Subcarnosus (Texas Blue Bonnet), 12 in.....	.10		.40

Marigold

Tall African, Lemon Queen. Special.....lb., \$12.00	.20		1.00
Orange Queen. Special.....lb., 12.00	.20		1.00
Our strains of above are of the quilled type and			
unsurpassed in quality.			
Double Tall African. Mixed.....lb., \$4.80	.15		.50
Double Dwarf African. Mixed (Pride of the Garden)			
Dwarf French Double. Gold striped.....lb., \$4.00	.15		.80
French Double. Mixed.....lb., \$4.00	.10		.40
Double, Yellow.....lb., \$4.00	.10		.40
Golden Ball.....lb., \$5.00	.15		.50
Dark Brown.....lb., 5.00	.15		.50
Robert Beist. Reddish brown.....lb., 5.00	.15		.80
Yellow with bronze margin.....lb., 5.00	.15		.50
Yellow spotted brown.....lb., 5.00	.15		.50
Single, Legion of Honor.....lb., \$4.00	.10		.40
Golden Star.....lb., 4.00	.10		.40
Silver King.....lb., 4.00	.10		.40
Star of India.....lb., 4.00	.10		.40
Gilt Edge Diadem.....lb., 4.00	.10		.40
Tall French Single Josephine. Single dark brown			
with edging of old gold and a glint of crimson...	.15		.60
Vaughan's Special Mixture Tall Double French.			
Mixed.....lb., 1.50	.15		.60
Tall French Double Aurea Pl. Double golden yellow			
Pulchra Pl. Yellow, spotted brown.....lb., 1.50	.15		.50
Ranunculiflora Pl. Dark brown.....lb., 1.50	.15		.50
Striata Pl. Double striped.....lb., 1.50	.15		.80
Sulphurea Pl. Lemon.....lb., 1.50	.15		.50
Vaughan's Special Mixture. Dwarf French Single			
and Double.....lb., 1.50	.15		.60
Vaughan's Special Mixture. Tall French and African			
Double.....lb., 1.50	.15		.50
Signata Pumila. Golden Yellow 10 in.....lb., 1.50	.15		.80
Pumila Golden Ring. Orange 10 in.....lb., 2.00	.20		1.00
The Signata type is splendid for edging. Flowers			
single hundreds to a plant.			



MARIGOLD, Double Tall African Orange and Lemon Queen

	Trade	pkt.	Oz.
Malope Grandiflora Rosea, 30 in.....	\$0.10		\$0.25
Grandiflora Alba, 30 in.....	.10		.25
Marvel of Peru. See Four O'Clock.			
Matthiola Bicornis (Evening Scented Stock), 18 in.	.10		.30
Maurandia. Mixed. Good climber.....	1/8 oz.,	\$1.00	
Barclayana. Blue.....	.50		
Melothria Scabra (Minneapolis or Musk Vine). Splendid annual climber.....	.15		.80

Mignonette

True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists' use and for pots.

Grandiflora. Large-flowering.....	1/4 oz.,	20c	.15	.60
Defiance.....			.15	.50
Golden Queen. Yellow.....			.10	.40
Golden Machet.....			.15	.80
White Pearl. Machet type.....			.20	1.00
Giant Pyramidal.....			.10	.40
Goliath. Red, fine.....			.25	1.00
Vaughan's Giant Rocket.....			.25	1.00
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment.....	1/8 oz.,	\$1.00	.50	7.00

Mimosa Pudica (Sensitive Plant).....	.15	.45
Mimulus Moschatatus (Musk Plant).....	1/8 oz.,	70c
Tigrinus. Mixed.....	1/4 oz.,	50c
Fl. Pl. (Double Monkey Flower).....	1/8 oz.,	50c
New Large-Flowering. Single.....	1/4 oz.,	60c
Mina Lobata.....	.25	1.40
Moon Flower. See Ipomoea.		
Morning Glory. See Convolvulus and Ipomoea.		
Musa Ensete. Per 100 seeds, \$1.00; 1,000 seeds, \$8.00.		
Myosotis. See Forget-Me-Not.		
Nemesia Strumosa Suttoni. Orange, 12 in.....	.35	
Scarlet, 12 in.....	.35	
Rose, 12 in.....	.35	
Mixed.....	1/4 oz.,	50c
Nana Compacta Aurora. Crimson and white, 8 in.	.50	
Orange King. Orange, 8 in.....	.35	
Fire King. Scarlet 8 in.....	.35	
Blue Gem. Blue 8 in.....	1/4 oz.,	70c
Triumph. Mixed.....	.35	2.00

These dwarf Nemesias are fine for pots.

Nasturtium

Any of the following, oz., 10c, except where noted. For other varieties see Illustrated Catalog.

DWARF SORTS—Tropaeolum Tom Thumb

	1/4 lb.	Lb.
Empress of India. Deep crimson, dark-leaved.....	\$0.30	\$1.10
Golden King. Rich color.....	.25	1.20
King Theodore. Rich red, dark bluish foliage.....	.30	1.00
Vesuvius. Rich, fiery rose.....	.35	1.20
Dwarf Nasturtiums. Mixed, all colors.....	.25	.80
Vaughan's Special Mixture.....	10 lbs.,	\$10.00

Tropaeolum Lobbianum

Brilliant. Fiery red.....	.30	1.00
Giant of Battles.....	.30	1.00
Ivy Leaved Mixed.....	oz.,	15c
Golden Queen. Golden Yellow.....	.30	1.00
King of the Blacks. Black-brown.....	.35	1.20
Lobb's Mixed. Many colors.....	.25	.80

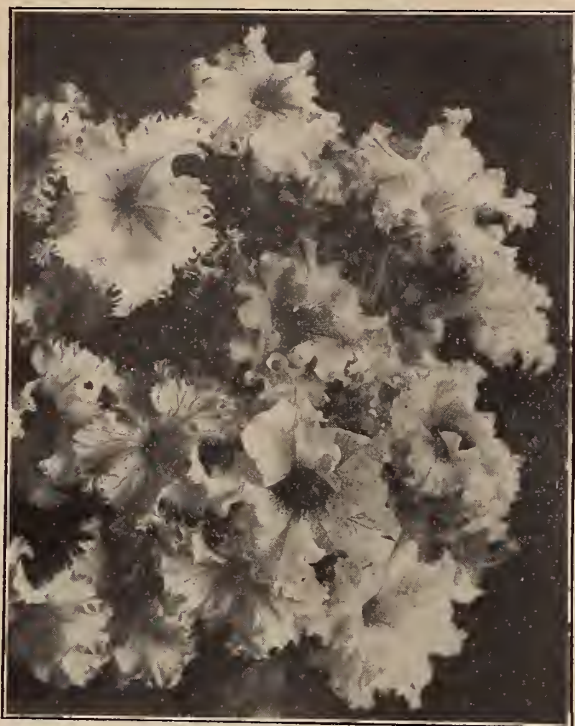
TALL SORTS—Tropaeolum Majus

Jupiter. Best and largest yellow.....	.30	1.00
King Theodore. Rich deep red, dark foliage.....	.30	1.00
Pearl (Moonlight).....	.25	.90
Schultzii. Best dark red.....	.30	1.00
Vesuvius. The most gorgeous fiery rose imaginable.	.30	1.00
Tall Sorts in Finest Mixture.....	10 lbs.,	\$5.00
Vaughan's Special Mixture of Tall Nasturtiums.....	10 lbs.,	\$8.50

	Trade	pkt.	Oz.
Nemophila (Grove Flower). Mixed.....	1 lb.,	\$1.80	\$0.10
Insignis. Sky-blue, 6 in.....	1 lb.,	\$1.80	.10
Nicotiana Affinis. White, sweet-scented, 32 in.			
Affinis Hybrids. Mixed colors, 32 in.....	1 lb.,	\$3.60	.10
Sanderae. Clear crimson, floriferous, 30 in.....			.15
Crimson King. New, 30 in.....			.25
Hybrids. Mixed, 30 in.....			.15
Sylvestris. Very beautiful, sweet, pure white, 5 ft.			.10
Nierembergia Gracilis, light blue, dwarf, 16 in.			
Double, mixed.....	1/4 oz.,	60c	.35
Nigella Damascena, Miss Jekyll, double blue, 18 in.			.10
Nolana. Mixed, lovely blues, 6 in.....			.10
Nycteria Capensis, white, sweet-scented, 12 in.			
Double, mixed.....	1/4 oz.,	25c	.10
Oenothera (Evening Primrose). Mixed.....			.10
Afterglow. Yellow with bright red calyx.....			.15
America.....	1/4 oz.,	75c	.35
Lamarckiana. Bright yellow.....			.10

Ornamental Grasses

Agrostis Nebulosa. Cloud-grass. A low grass with extremely delicate feathery panicle.....	.25	1.20
Briza Maxima. Quaking Grass. Grows in very graceful panicles which tremble in the slightest breeze.....	1 lb.,	\$4.00
Bromus Brizaeformis. Broom Grass. An elegant biennial grass with drooping panicles of spikelets..	.10	.40
Coix Lachrymae. Corn Beads, Job's Tears or Tear Grass.....	1 lb.,	60c
Eragrostis Elegans. Feather Love Grass. 1 to 2 ft.	.10	.40
Lagurus Ovatus. Hare's-tail Grass.....	.10	.40
Pennisetum Longistylum. Has a broad spike 2 to 4 inches long and feathery, white plumes used to border canna beds.....	.10	.50
Pennisetum Ruppelianum. The purple spikes are longer and more graceful than preceding.....	.25	1.20
Tricholaena Rosea. Cultivated for the ornamental inflorescence which is used in making winter bouquets	.10	.40
Ornamental Grasses. Mixed.....	.10	.40
Oxalis Tropaeoloides. Yellow, brown foliage.....	1/4 oz.,	85c
Rosea. Very fine.....	.50	
Alba.....	.50	
Valdiviana. Yellow, sweet.....	.35	2.20
Passiflora Grandiflora (Passion Flower). Blue.....	.50	
Gracilis. Ornamental fruits, white.....	.35	
Incarnata. Flesh.....	.25	1.00
Edulis. White.....	.35	



PETUNIA Dwarf Giants of California

Petunias

GIANT-FLOWERING—SINGLE

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

	Trade pkt.	Oz.	
White. With yellow throat.....	1/64 oz.,	\$1.00	\$0.50
Black Prince.....	1/32 oz.,	1.80	.50
German Empress. Lilac-veined purple.....	1/64 oz.,	1.50	.50
King Alphonso. Dark crimson, fringed.....	1/64 oz.,	2.00	.50
Princess of Wuerttemberg. Rose.....	1/32 oz.,	2.00	.50
Romany Lass. The most striking single red Petunia flowers, frilled and of Giants of California size, 10 trade packets \$4.00.....			.50
Theodosia. Large-flowered fringed variety of a rosy pink with a clearly defined golden center with minute stripes.....	1/64 oz.,	\$2.00. 1000 seeds	1.00
Giant Heliotrope. A most beautiful and distinct color hitherto missing in this type.....	1/64 oz.,	\$2.00. 1000 seeds	1.00
Giant Copper-Red. Dark-throated.....			
Giant Copper-Rose. Light-throated. Two excellent sorts of compact growth; very striking.....	1/64 oz.,	\$2.00	1.00
Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the ordinary run of California Giants as commonly offered. It contains a wonderful line of colors and besides them a dash of an entirely new type which will be offered separately in 1930.....	1/16 oz.,	\$2.50; 1/32 oz., \$1.50	.50 \$32.00
Triumph of the Giants. Extra choice mixture.....	1/32 oz.,	\$2.00	1.00
Ruffled Giants. Very large ruffled flowers in the largest variety of colors.....	1/8 oz.,	\$7.00; 1/32 oz., \$1.80	1.00
Ruffled Monsters.....	1/16 oz.,	4.00; 1/32 oz., 2.50	1.00
Silvery Rose.....	5000 seeds,	\$4.50; 1000 seeds	1.00
Dwarf California Giants. 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.....	1/8 oz.,	\$11.00; 1/32 oz., \$3.00	1.00

SMALL-FLOWERING—DOUBLE

Double Small-Flowering. Finest mixed.....	1/32 oz.,	\$2.50; 1/16 oz., \$4.50; 1/8 oz., \$8.00; 1000 seeds	1.00
Dwarf Inimitable. Blotched and striped. 1000 seeds.....			1.00
Rosy Morn. A beautiful double pink.....	1/32 oz.,	\$3.00; 5000 seeds, \$4.00; 1000 seeds	1.00
Liliput. Rose and white. 1000 seeds.....			1.00

LARGE-FLOWERING—SINGLE

Size of flowers, 3 to 4 inches across.

	Trade pkt.	Oz.	
Royal Purple (Vaughan's Imperial Blue). Plain edge.....	1/32 oz.,	\$1.25; 1/8 oz., \$4.50	\$0.50
Venosa. Steel-blue, plain edge.....	1/32 oz.,	1.50	.50
Fringed Royal Purple. A very fine variety with velvety petals of a deep velvety violet color, quaintly fringed. The most beautiful of all blue Petunias.....	1/64 oz.,	\$2.00; 1000 seeds	1.00
Fimbriata Coerulea.....			.50
Fimbriata Delicata.....			.50
Fimbriata Rosea. Fringed.....	1/32 oz.,	\$1.80	.50
Pepita. Scarlet, blotched white.....			.50
Miranda. Deep carmine; the best red.....	1/64 oz.,	1.20	.50
Fluffy Ruffles. A choice mixture.....	1/16 oz.,	\$2.80; 1/32 oz., 1.60	.50
Large-Flowering Fringed. Extra choice mixed.....	1/32 oz.,	1.40	.50
Large-Flowering. Finest mixed.....	1/4 oz.,	5.00	.50 \$18.00
Triumph Pink. Fringed.....	1/32 oz.,	2.00	1.00
Dwarf Grandiflora Ruffled Mixture. A fine variety for pot plants. Dwarf plants with large frilled flowers in a charming variety of color.....	1/64 oz.,	\$2.00. 1000 seeds	1.00
Diener's Pink Glory. A pure flame rose-pink; slightly ruffled; a compact grower and free-bloomer.....	1/8 oz.,	\$5.00; 1/16 oz., \$2.75	.50
Dwarf Pink Glory. A selection of the Pink Glory of dwarf, compact habits; splendid for pot culture and bedding.....	1/64 oz.,	\$1.50	.50
Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias and will give most satisfactory results.....	1/32 oz.,	\$1.60; 1/16 oz., \$3.00	.50 42.00

Balcony Petunias

Balcony Queen. Purple and white.....	1/32 oz.,	\$1.40	.50
Blue. A splendid strain.....	1/16 oz.,	50c	.25 6.00
Red. Dark red.....	1/16 oz.,	50c	.25 6.00
Rose.....	1/16 oz.,	50c	.25 6.00
Star.....	1/16 oz.,	50c	.25
White.....	1/16 oz.,	50c	.25 6.00
Balcony Mixed, the above.....	1/16 oz.,	50c	.25

Portland Petunias

Pride of Portland. Rose-pink, fringed.....	1/32 oz.,	\$1.50	.50
Elks' Pride. Velvety violet, plain edge.....			
Scarlet Beauty. Fringed.....	1/32 oz.,	\$1.20; 1/8 oz., 4.20	.50
White Beauty. Fringed.....	1/32 oz.,	1.25	.50
	1/2 oz.,	1.50	.50

LARGE-FLOWERING—DOUBLE

Dwarf Large-Flowering Double Fringed. Flowers nicely frilled, very large and quite double in a fine range of colors on splendid compact plants. Excellent for pots.....	1/64 oz.,	\$10.00; 1000 seeds	1.50
Double Large-Flowering. Extra choice mixed. 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$10.00; 1/64 oz., \$4.50.....			
Double Large-Flowering. Fringed, best mixed. 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$10.00; 1/64 oz., \$3.00.....			
Lady of the Lake. Double white.....			1.50
Double Fimbriata Rose.....	500 seeds, 85c; 1000 seeds		1.50
Double Red.....	1000 seeds		1.50
Double Red and White.....	1000 seeds		1.50
Double Lavender.....	500 seeds, 85c; 1000 seeds		1.50
Double Violaacea. Violet.....	1/64 oz.,	\$3.00; 1000 seeds	1.30
Double Fringed Violaacea (Royal Purple).....	1000 seeds,	\$1.80; 500 seeds	1.00
Vaughan's Special Mixture. Double extra choice, 500 seeds, 75c; 1000 seeds, \$1.25; 10,000 seeds, \$11.00; 1/64 oz., \$4.00.....			

SINGLE SMALL-FLOWERED SORTS

Alba. White.....		.15	.80
Blotched and Striped (Inimitable).....		.20	1.00
Countess of Ellesmere. Pink with white throat.....		.15	.80
General Dodds. Blood-red.....	1/4 oz.,	40c	.25 1.40
Howard's Star. Improved.....	1/4 oz.,	60c	.25 2.00
Lord Courtenay. Brilliant rose, yellow throat, extra.....	1/4 oz.,	40c	.25 1.40
Venosa. Light red, veined.....		.20	1.00
Violaacea. Violet.....	1/4 oz.,	50c	.25 1.60
De Luxe Mixture.....	1/4 oz.,	50c	.25 1.80

PETUNIAS—Continued

SINGLE SMALL-FLOWERED DWARF SORTS

		Trade	pkt.	Oz.
Dwarf Inimitable. Blotched and striped.	¼ oz., 40c	\$0.25		\$1.40
Blue Bird. Deep violet, extra fine.	¼ oz., 80c	.35		2.60
Carmen Sylva. Baby blue, white throat.	¼ oz., 40c	.20		1.20
Carnea. Flesh.	¼ oz., 60c	.35		2.00
Crimson. Same shade as General Dobbs.	¼ oz., 70c	.35		2.40
Heavenly Blue. Silvery light blue.	⅛ oz., \$1.00	.50		....
Rosy Morn. Select stock. Pink with white throat	¼ oz., 70c	.50		2.40
Snowball. Dwarf white.	¼ oz., 40c	.25		1.40
Rose of Heaven. Beautiful pink.	¼ oz., 60c	.35		1.80
Norma. Blue with white star.	¼ oz., 40c	.25		1.40
Adonis. Fiery carmine, white throat.	¼ oz., 40c	.25		1.20
Vaughan's Special Dwarf Mixture. Small-flowering sorts.	¼ oz., 50c	.25		1.60

Papaver—Poppy

American Legion. Orange-scarlet flowers are remarkable keepers.	.15	.50
Eldorado. Salmon shades.	.15	.80
Glaucum (Tulip Poppy). Deep scarlet flowers.	.10	.40
Paeoniflorum fl. pl. Double White.	.10	.30
Yellow.	.10	.30
Salmon-Pink.	.10	.30
Scarlet.	.10	.30
Mixed.	.10	.15
Rhoeas fl. pl. Double French mixed.	.10	.30
Shirley. Shades of pink-rose and mixed.	.10	.20
Blue Shirley.	.15	.70
Wild Rose Shirley.	.15	.50
Flanders Field. English Field. Scarlet.	.10	.25
Salmon-Pink.	.15	.60
Somniferum fl. pl. Double Carnation-flowered, mixed.	.10	.15
Umbrosium. Bright vermilion with black spots.	.10	.30
Vaughan's Special Mixture. Single.	.10	.30
Vaughan's Special Mixture. Double.	.10	.30
Vaughan's Special Mixture. Double and Single.	.10	.30

For Oriental and Nudicaule Poppies, see Perennial pages.

Pennisetum Rueppelianum (purple Feather Grass), 36 in.	.25	1.20
Longistylum, 18 in.	.15	.50

Pentstemon

Sensation. 2 ft. Although this is a perennial it can easily be grown as an annual. If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome gloxinia-like flowers. Often 2 in. across and in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. This will make a wonderful addition to your stock of budding plants.

.....	⅓ oz., 50c	.35	3.00
Sensation Red Shades. 2 ft. Produces large handsome stalks of gloxinia-like flowers often 2 in. across and in dazzling red shades.	¼ oz., \$1.00	.50	....
Sensation Pink Shades.	¼ oz., \$1.00	.50	....
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out, 24 inch.	½ oz., \$1.20	.50	8.00

Perilla Nankinensis. Valuable foliage plant resembling coleus; dark mulberry-colored leaves, does well in cities, smoke and gas do not affect it. Used largely in Chicago Parks and in St. Mary's of the Lake Seminary, Mundelein, Ill.

.....	lb., \$2.40	.10	.20
Phacelia Tanacetifolia. Blue.		.10	.30
Campanularia.		.15	.80

Pheasant's Eye Pink. See *Dianthus Plumarius* in Perennial pages.

Portulaca

Single large-flowering sorts, mixed.	lb., \$5.00	.10	.50
White, Yellow, Scarlet and Pink, each.		.20	1.00
Parana. Large-flowering, rosy carmine.	lb., \$10.00	.20	1.00
Double sorts, finest mixed.		.25	2.00
White, Pink, Scarlet, Yellow, each.	½ oz., 50c	.25	....

Pomegranate Ornamental. A new Christmas plant. 200 seeds, \$1.00; 1,000 seeds, \$4.50



PHLOX DRUMMONDI

Upper part: Cuspidata or Star Phlox; Lower part, Grandiflora

Phlox Drummondii Grandiflora

Alba. White.	Coerulea Striata. Blue striped.
Alba Oculata. White with dark eye.	Isabellina. Yellow.
Atropurpurea Alba Oculata. Dark purple with white eye.	Kermesina Splendens. Crimson.
Brilliant. Rose with dark eye.	Leopoldii. Pink with white eye.
Chamois Rose.	Violet. With White eye.
Cream.	Rosea. Pink.
Carnea. Flesh.	Striped. Mixed.
Atropurpurea. Black-brown.	Scarlet.
	Stellata Splendens. Scarlet with white eye.
Each of above, trade pkt., 20c; ¼ oz., 30c; oz., \$1.00.	
Violet Blue. Trade pkt., 25c; ¼ oz., 40c; oz., \$1.40.	

	Trade	pkt.	Oz.
Best large-flowering. Mixed, lb., \$8.00; ¼ oz., 25c	\$0.15		\$0.80
Cuspidata Alba. White star			Rosea. Rose star
Coccinea. Red star			Violaacea. Violet star
Salmona. Salmon star			

	Trade	pkt.	Oz.
Each of above.	\$0.25		....
Cuspidata mixed (Star of Quedlinburg).	.25		\$1.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.	¼ oz., 45c	.25	1.60
Nana Compacta (Dwarf). 6 in. Snowball.	¼ oz., 60c	.35	2.00
Apricot. Yellow.	¼ oz., 80c	.35	3.00
Delicata. Old rose, carmine eye.	¼ oz., 70c	.35	2.60
Fireball.	¼ oz., 60c	.35	2.00
Isabellina. Yellow.	¼ oz., 65c	.35	2.40
Chamois.	¼ oz., 60c	.35	2.20
Mirabilis. Salmon-pink with white eye.	¼ oz., 70c	.35	2.60
Sky-Blue with eye, fine for edging.	¼ oz., 60c	.35	2.20
Violet.	¼ oz., 65c	.35	2.40
Mixed.	¼ oz., 50c	.25	1.80
Cecily Mixed. Large-flowering.	¼ oz., 60c	.35	2.00

Vaughan's Giant Pansies



IMPROVED SWISS GIANT MIXTURE

The flowers of this new strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of this strain, however, are the wonderful colors and color combinations—very rare and entirely new—never before seen in Pansies, salmons, pinks, reds. All flowers are 3 or 5-blotched. Excellent for greenhouse culture. We recommend this strain unreservedly. Trade pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.50; oz., \$16.00; 4 ozs., \$50.00.

SWISS BLUE

A selection from above. The most distinct rich deep velvety blue pansy. Ideal for cemetery planting. Trade pkt., \$1.00; 1/8 oz., \$2.70; 1/4 oz., \$5.00; oz., \$18.00.

	Trade Pkt.	1/4 oz.	Oz.
Adonis, light blue white center.	\$0.25	\$0.50	\$1.60
Apricot, small-flowering. . . . .	.35	.85	3.00
Aurora, pure white without blotches. . . . .	.25	.40	1.40
Azure Blue . . . . .	.25	.50	1.60
Beaconsfield, light lavender and rich purple . . . . .	.25	.45	1.60
Black, large, true black. . . . .	.25	.45	1.60
Bridesmaid, shades of white, shining rose. . . . .	.35	.60	2.00
Bugnot, shades of red, bronze and cardinal. . . . .	.35	.80	3.00
Boulogne Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5-blotched, delicately veined, rich colors.	1.00	6.50	24.00
Cardinal, brilliant red. . . . .	.25	.60	2.20
Cassier, 3 and 5-spotted. . . . .	.25	.70	2.60
Cecily, flowers steel-blue with white border and small dark central spots. . . . .	.35	.65	2.40
Emperor Francis Joseph, white, violet spots . . . . .	.25	.50	1.60
Emperor William, dark navy-blue . . . . .	.25	.40	1.60
Eros, purple, yellow border . . . . .	.25	.45	1.60
Fiery Faces, red with black blotches. . . . .	.25	.45	1.60
Golden Queen, clear golden yellow. . . . .	.25	.45	1.60
Goliath Golden Queen . . . . .	.35	.65	2.40
Light Blue, without eye, darker center . . . . .	.25	.45	1.40
Madame Perret, shades of pink and rose. . . . .	.25	.50	1.80
Mercury, deep purple-red . . . . .	.25	.60	2.00

VAUGHAN'S INTERNATIONAL MIXTURE

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

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Bugnot, Cassier, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., 50c; 1/2 oz., 75c; oz., \$5.00; 1/4 lb., \$18.00; lb., \$60.00.

NEW EARLY-FLOWERING GIANT PANSIES (Hiemalis)

Yellow, with dark eye.	Jupiter, dark purple-violet.
Easter Greeting, velvety violet, with yellow eye.	Mars, cornflower-blue.
Dark Blue.	North Pole, pure white.
Light Blue.	Helios, pure yellow.
Ice King, white with black eye.	Snowstorm, pure white.
	Wodan, black.

Each of the above, Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.60.
 Early-Flowering Giant, Mixed. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40; lb., \$16.00.

TRIUMPH OF THE GIANTS

A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; 1/4 oz., \$1.35; oz., \$5.00.

MAMMOTH EXHIBITION

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

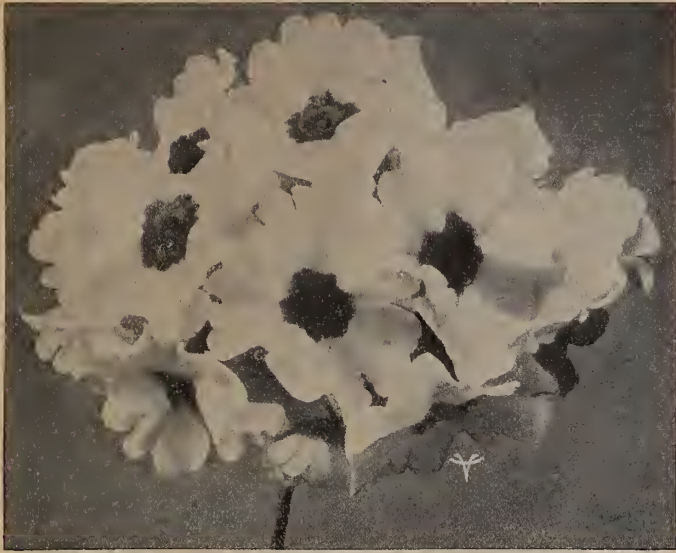
MASTODON Private Stock

A mixture of pansies grown by an American specialist. The seed we offer was grown from originator's stock. Trade pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$7.00; 4 ozs., \$25.00.

MASTODON MIRACLE MIXTURE

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

	Trade Pkt.	1/4 oz.	Oz.
Masterpiece—Giant Curled or Spencer. The colors are superb, mostly red and brown shades.	\$0.35	\$0.80	\$3.00
Blue Domino, purplish black. . . . .	.35	.70	2.40
Canary-Yellow, yellow black eye. . . . .	.35	.70	2.60
Volcano, dark red, blotched. . . . .	.25	.80	3.00
Orchid-Flowered, mixed, the ground color of the flowers is light, the petals being marked with large brown blotches which diffuse into rays and veins towards the edge. . . . .	.25	.60	2.00
Orchid-Flowered Mammoth, greenish-yellow shades, with large purple blotches. . . . .	.25	.60	2.00
Parisian Striped. . . . .	.25	.50	1.80
Paris Market, an improved strain of Trimardeau mixed. lb., \$14.00	.25	.40	1.20
Pink, lovely shades of pink, same as Hydrangea. . . . .	.25	.60	2.00
President Carnot, five-blotched white. . . . .	.25	.60	2.00
President McKinley, five-blotched yellow. . . . .	.25	.70	2.60
Prince Bismarck, bronze and light brown. . . . .	.25	.45	1.60
Prince Henry, darkest blue. . . . .	.25	.45	1.60
Purple, very large, rich deep purple. . . . .	.25	.45	1.60
Ruby Red, purplish red shades. . . . .	.25	.60	2.00
St. Knud, giant orange flowers . . . . .	.25	.75	2.80
Trimardeau, mixed, many colors, lb., \$14.00	.15	.35	1.20
Victoria, vivid red. . . . .	.25	.70	2.60
Violet-Blue, a very pleasing shade. . . . .	.25	.45	1.40
White, with dark eye, very large. . . . .	.25	.45	1.60
Yellow, with dark eye, immense flowers. . . . .	.25	.45	1.60



PRIMULA Obconica Grandiflora

Primula Obconica

	Trade	pkt.	Oz.
Gigantea Kermesina. 12 in.	1/64 oz., \$2.00	\$1.00	....
Rosea. Fine.	1/16 oz., \$6.00	1/64 oz., \$1.65	.50
Appleblossom	1/64 oz., \$1.45	.50	....
Salmon Queen. 8 in.	1/64 oz., \$2.00	1.00	....
Mixed	1/64 oz., \$1.50	.50	....
Grandiflora Appleblossom	1/64 oz., \$1.50	.50	....
Coerulea. 12 in.	1/64 oz., \$1.50	.50	....
Fire Queen. 12 in.	1/64 oz., \$1.50	.50	....
Hamburg Rosea. Deep rose, 12 in.	1/64 oz., \$1.50	.50	....
Kermesina. Crimson.	1/64 oz., \$1.50	.50	....
Rosea.	1/64 oz., \$1.50	.50	....
Salmonea. Salmon.	1/64 oz., \$1.50	.50	....
Mueller's (Berlin) Rose.	1/64 oz., \$2.00	1.00	....
Mohnstein's Dark Red.	1/64 oz., \$2.00	1.00	....
Mixed.	1/32 oz., \$1.20	.50	....

Primula—Chinese Giant

Trade pkt. of any of the following, 250 seeds, each, 50c.

- Chiswick Red. Improved red.
- Giant Pink. Extremely large petals of great substance.
- Giant Salmon. Massive heads of flowers of great substance.
- King George. Beautifully fringed crimson.
- Queen Mary. Rose-pink.
- True Blue.
- Giant Mixed. Includes this year a number of new shades.
- Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade pkt. of 250 seeds, 50c; 1/16 oz., \$4.00.

Primula—Various Sorts

	Trade	pkt.	Oz.
Malacoides (Baby Primrose). Light lilac. Very graceful; fine summer and winter-blooming plant, blooming within four months. 15 in.	1/8 oz., \$1.00	\$0.50	....
Alba. White.	1/16 oz., \$1.00	.50	....
Rosea Superba. Beautiful pink.	1/16 oz., \$1.00	.50	....
Forbesi (Baby Primrose). Rosy lilac. Very free-blooming. Splendid pot plant. Seedlings bloom after three months. 12 in.	1/16 oz., \$1.00	.50	....
Eureka Salmon-Pink. Flowers, a most beautiful shade of salmon-pink, carried well above the foliage, on long stiff stems. Per pkt. (1,000 seeds)	1.00	....	....
Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in.	.50	....	....

For other Primulas. See Hardy Perennials.

Pyrethrum Parthenifolium Aureum (Golden Feather)	.10	\$0.40
Selaginoides. Fern-leaved.	.15	.60
Rhodanthe. Mixed, splendid everlastings.	.15	.50
Manglesi. Rose.	lb., \$6.00	.10 .60
Maculata Alba.	lb., \$6.00	.10 .60
Rosea	lb., \$6.00	.10 .60



SALVIA Splendens Fireball

Ricinus—Castor Beans

	Trade	pkt.	Oz.
Borboniensis Arboreus. 10 to 15 ft.	lb., \$1.20	....	\$0.15
Cambodgensis. Very dark, 4 ft.	lb., \$1.60	....	.15
Crimson Spire. 6 ft.	lb., \$3.60	\$0.15	.40
Gibsoni. Dark red leaves, metallic lustre,	lb., \$1.80	.10	.20
Panormitanus. Large dark leaves, 7 ft.	lb., \$2.00	.10	.20
Sanguineus. Red leaves, 7 ft.	lb., \$1.00	....	.10
Zanzibariensis Enormis. Carmine seeds, 7 ft.,	lb., \$2.00	.10	.20
Zanzibariensis. Mixed	lb., \$1.50	....	.15
Mixed. Many kinds.	lb., \$1.00	....	.10

Rose Champion, see Agrostemma Coronaria.

Rose of Heaven, see Agrostemma Coeli Rosa.

Rosa Polyantha Nana (Baby Rose). White and pink, 16 in. .20 .80

Rudbeckia, Bicolor Superba. Large golden yellow, dark spots, 2 ft. .10 .40
Bicolor Superba semi-plena .15 .80
See also Perennials.

Saintpaulia Ionantha (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession ... 1.00

Salpiglossis

Large-Flowering. Mixed extra choice.	.15	.80
Superbissima (Emperor). Crimson.	.20	1.20
Brown and Gold.	.20	1.20
Faust. Black.	.20	1.20
Velvety Violet.	.20	1.20
Violet and Gold.	.20	1.20
Velvety Red.	.25	1.40
Purple and Gold.	.20	1.20
Rose and Gold.	.20	1.20
Scarlet and Gold.	.20	1.20
White and Gold.	.20	1.20
Golden Yellow.	.20	1.20
Light Blue and Gold.	.20	1.20
Emperor. Mixed, very fine.	.20	1.00
Gloxiniaeflora. Mixed	1/4 oz., 35c	.20 1.20
Vaughan's Special Mixture.	1/4 oz., 35c	.20 1.20

Salvia

Splendens (Scarlet Sage). 24 in.	lb., \$20.00	.35	1.40
America (Globe of Fire). 16 in., lb., \$34.00;	1/4 oz., 80c	.50	2.80
Clara Bedman or Bonfire. Erect habits, 16 in.	lb., \$24.00; 1/4 oz., 60c	.35	2.00
Drooping Spikes. Very fine, 24 in.	1/4 oz., 65c	.35	2.20
Fireball. Extra choice, freely blooming, 14 in.	lb., \$28.00; 1/4 oz., 70c	.35	2.40
Magnifica Rosea.	.50	4.00	
Maroon Prince. Plum color, 24 in.	.35	2.40	
Zurich. Early-flowering, fine dwarf, 12 in.,	lb., \$32.00; 1/4 oz., 70c	.50	2.40
Early Harbinger.	.50	4.00	



SCHIZANTHUS—Vaughan's Excelsior Hybrids

SALVIA—Continued		Trade pkt.	Oz.
Salvia Coccinea. Scarlet (Annual Flowering Sage), 40 in.	\$0.15	\$0.50	
Farinacea. Bright light blue, 40 in. ....	.35	2.40	
See also Perennial pages.			
Sanvitalia Procumbens fl. pl. Double yellow, dwarf. ....	.25	1.20	
Saponaria Multiflora (Calabrica). Red. ....	.10	.40	
Vaccaria Rose. Incorrectly spoken of as Pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion. lb., \$2.40	.10	.30	
Vaccaria Alba. White. lb., \$2.40	.10	.30	

Scabiosa

Ageratum Blue. Fine mid-blue. ....	.15	.60	
Azure Fairy. A splendid cut-flower. ....	.15	.50	
Black Prince. ....	.15	.50	
Cherry-Red. ....	.15	.50	
Fire King. ....	.15	.50	
Fiery Scarlet. ....	.15	.50	
Flesh. ....	.15	.50	
Peachblossom. A beautiful shade, very large size flowers. ....	.25	1.00	
Rose. ....	.15	.50	
Shasta. Pure white of enormous size. ....	.25	1.00	
Snowball. Double white. ....	.15	.60	
Sulphur-Yellow. ....	.15	.50	
Large-Flowering. Double Tall mixed. ....	.10	.40	
Vaughan's Special Mixture. ....	.15	.60	

Schizanthus Wisetonensis Mixed. ....	.15	.80	
Wisetonensis Roseus. ¼ oz., \$1.00	.35	....
Rose and Amber Shades. ¼ oz., \$1.00	.35	....
Clybrin's Gold Medal Large-Flowering Hybrids. A grand strain producing large flowers with handsome marking on white, buff, brilliant rose, blue or purple ground. ¼ oz., 40c	.25	1.40	
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. Superior to anything yet offered to the public. ...	1.00	....
Retusus Roseus. Pink, 18 in. ....	.50	....
Rosamond. 18 in. ....	.50	....
The retusus are upright growers and furnish splendid cut material.			
Senecio Elegans fl. pl. Red. ....	.35	2.40	
Elegans fl. pl. Lilac-blue. ....	.35	2.40	
White fl. pl. ....	.35	2.40	
Mixed. ....	.35	2.00	
Sensitive Plant (Mimosa Pudica) ....	.15	.45	
Shamrock lb., \$8.00	.15	.80	
Silene Armeria (Catchfly). Mixed. ....	.10	.25	
Pendula Rosea. Pink, 10 in. ....	.10	.20	
Smilax lb., \$6.00	.15	.50	
Snape dragon. See Antirrhinum.			



STREPTOCARPUS—Large-Flowering Hybrids

	Trade pkt.	Oz.
Solanum Capiscastrum nanum	\$0.15	\$0.60
Christmas (Chameleon) ¼ oz., 40c	.25	1.40
Clevelandi Red ¼ oz., 50c	.25	1.60
Clevelandi Orange. ....	.35	1.80
Bird's Eye Pepper. ....	.50	....
Statice Sinuata. True blue, fine cut-flower. lb., \$4.00	.10	.40
Sinuata. White. lb., \$3.00	.10	.30
Rosea Superba. lb., \$5.00	.10	.50
Bonduelli. Golden yellow. lb., \$4.00	.10	.40
Suworowii. Russian or Rat tail. Flowers bright rose color. lb., \$12.00	.25	1.20
Stevia Serrata. White, fine cut-flower. ... ¼ oz., 40c	.25	1.40

Sunflower

Miniature Sunflower (Cucumerifolius) lb., \$4.00	.10	.40
Cucumerifolius Stella. ....	.10	.40
Orion. ....	.10	.40
Double Hybrids. ....	.15	.50
Purpureus. ....	.15	.50
Lilliput. ....	.10	.40
Vaughan's Special Mixture. ....	.15	.50
Annuus Purpureus (Red Sunflower) ....	.15	.50
Intermediate Sanguineus Excelsior. ....	.15	.50
Argyphyllus (Silver-leaved) ....	....	.20
Californicus fl. pl. Double Californian. ....	.10	.20
Globosus Fistulosus fl. pl. Fine double. ....	....	.20
Double Dwarf (Nanus fl. pl.) ....	.10	.25
Double Chrysanthemum-Flowered. lb., \$2.40	.10	.25

Thunbergia. Mixed. lb., \$6.00	.15	.80
Torenia Fournieri. Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip. ½ oz., 50c	.25	3.00
White Wings. ½ oz., 50c	.25	3.00
Bailloni. Yellow with brown. ....	.35	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Height, 18 in. pot plant. ... ½ oz., 60c	.35	....
Viscaria. Mixed. ....	.10	.40
Nana compacta oculata. Mixed. ....	.15	.80
Cardinalis. Bright carmine. ....	.10	.40

Vinca

Rosea Pink. lb., \$8.00; ¼ oz., 25c	.15	.80
Fl. Albo Oculata. White with pink eye. lb., \$8.00	.15	.80
Alba Pura. Pure white. ¼ oz., 25c	.15	.80
Delicata. Soft pink. lb., \$8.00	.15	.80
Mixed. ¼ oz., 25c	.15	.80
Virginia Stocks. Mixed. A splendid edging plant. ... lb., \$2.00	....	.20
Whitlavia Gloxinoides. Blue. A good cut-flower ...	.15	.50
Xeranthemum. Double mixed. lb., \$5.00	.15	.60
Zea Japonica (Variegated Corn) lb., \$1.80	.10	.20
Japonica Quadricolor Perfecta. lb., \$1.80	.10	.20



STOCKS Bismarck (Early Giant Imperial)

Stocks

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Appleblossom	Dark Blue	Flesh	Lavender	Rose	
Chamois	Fiery Blood-Red	Gold Ball	Lilac	White	
					Trade pkt. Oz.
Each of the above	.....	1/8 oz., 50c	\$0.35	\$3.00	
Giant Bismarck	Mixed, all colors	.....	1/4 oz., 60c	.35	2.20
Golden Rose	.....	1/8 oz., \$1.00	.50	6.00	
Antique Copper	.....	1/8 oz., \$1.00	.50	.....

GIANT PERFECTION—Cut and Come Again

Canary	Sky Blue (May Queen)		
LaFrance (Flesh)	Rose		
Sapphire (Dark Blue)	White (Improved Snowdrift)		
Scarlet	Lavender	Trade pkt.	Oz.
Each of the above	.....	1/8 oz., 35c	\$0.25 \$2.20
Heatham Beauty	Rose shaded terra cotta	1/8 oz., 35c	.25 2.40
Giant Perfection	Mixed, all colors	.....	1/4 oz., 50c .25 1.80

BEAUTY OF NICE—Early, Large-Flowering, Winter

American Beauty	.....	1/8 oz., 35c	\$0.25 \$2.40
Abundance	Soft carmine-rose	.....	1/8 oz., 35c .25 2.40
Aurora	Golden buff suffused with rose	.....	1/8 oz., 35c .25 2.40
Belle of Naples	Old rose-salmon	.....	1/8 oz., 35c .25 2.40
Cote d'Azur	Light blue	.....	1/8 oz., 35c .25 2.40
Empress Augusta Victoria	Silvery lilac	.....	1/8 oz., 35c .25 2.20
Monte Carlo	Yellow	.....	1/8 oz., 35c .25 2.40
Mont Blanc	White	.....	1/8 oz., 35c .25 2.40
Pink	.....	1/8 oz., 35c	.25 2.40
Souv. de Monaco	Crimson	.....	1/8 oz., 35c .25 2.40
Summer Night	Dark blue	.....	1/8 oz., 35c .25 2.40
Beauty of Nice	mixed	.....	1/4 oz., 50c .25 1.80

DWARF LARGE-FLOWERING TEN WEEKS

Blood-Red	Dark Blue	Light Blue	
Bright Pink	Deep Rose	Mauve (Water-blue)	
Canary-Yellow	Flesh	White	Trade pkt. Oz.
Each of above	.....	1/8 oz., 40c; 1/4 oz., 60c	\$0.25 \$2.20
Dwarf Large-Flowering	10 weeks, mixed, all colors		
Extra choice	.....	1/8 oz., 35c; 1/4 oz., 50c	.25 1.80

STOCKS—Continued

EMPEROR OR WINTER

Trade pkt. Oz.

Empress Elizabeth. Brilliant carmine rose. 1/8 oz., 50c \$0.35 \$3.60

Streptocarpus. Large-Flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. They are easily grown. Sow seed in January or February; plants will bloom in July. 1/64 oz., \$2.00 1.00

Verbena

Gigantea Alba	Very large, pure white	.....	1/4 oz., 50c	\$0.25	\$1.60
Coccinea	Scarlet	.....	1/4 oz., 50c	.25	1.60
Luminosa	Luminous flame-pink toning to softer shades of salmon flesh and coral	.....	1/4 oz., 50c	.25	1.60
Lucifer red	.....	1/4 oz., 50c	.25	1.60	
Rosea Stellata	Pink, white eye	.....	1/4 oz., 50c	.25	1.60
Rose Cardinal	Bright red	.....	1/4 oz., 50c	.25	1.60
Viola Stella	Violet, white eye	.....	1/4 oz., 50c	.25	1.60
Etna	Produces large trusses of intense Paul Campbell Geranium red with a small creamy yellow eye. The individual flowers are over 1 inch in diameter	.....	1/4 oz., 85c	.35	3.00
Gigantea	Mixed	.....	1/4 oz., 40c	.25	1.40
Vaughan's Best Mixed	This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the Gigantea, the best European introductions of last year, all grown separately, and mixed in the right proportion	.....	1/4 oz., 50c; 2 oz., \$3.50	.25	2.00
White, extra choice	.....	1/4 oz., 30c	.20	1.00	
Purple shades	.....	1/4 oz., 35c	.25	1.20	
Pink and rose shades	.....	1/4 oz., 35c	.25	1.20	
Dark blue	.....	1/4 oz., 30c	.20	1.00	
Blue shades	.....	1/4 oz., 35c	.25	1.20	
Defiance	Brilliant scarlet, true	.....	1/4 oz., 35c	.25	1.25
Firefly	Brilliant scarlet, white eye	.....	1/4 oz., 35c	.25	1.20
Lucifer	Brilliant red, an improved Defiance	.....	1/4 oz., 40c	.25	1.40
Mayflower	Pink	.....	1/4 oz., 45c	.25	1.60
Lutea	Yellow	.....	1/4 oz., 35c	.25	1.20
Purple Mantle	.....	1/4 oz., 35c	.25	1.20	
Striped	.....	1/4 oz., 30c	.20	1.00	
Mammoth	Mixed	.....	1/4 oz., 35c	.25	1.20
Dwarf Mixed (nana erecta)	A choice strain of dwarf, upright growing plants in mixture. Good for pots and bedding	.....	1/4 oz., 60c	.25	2.00

Various Sorts

Venosa	Heliotrope blue fine for bedding when combined with alyssum; used extensively in the Chicago Parks	.....	1/4 oz., 40c	.25	1.40
Erinoides (Moss Verbena)	Purple	.....	1/4 oz., 35c	.25	1.20
White	.....	1/4 oz., 35c	.25	1.20	
Lemon (Citriodora)	.....	1/4 oz., 85c	.25	.....



VERBENA Gigantea



Sweet Peas

Early-Flowering—Spencer Varieties

4 ozs. and upward of one variety supplied at pound rate. Less than 4 ozs. at oz. rate.

	Oz.	Lb.
All-White. An early King White and the best white seeded up to date.....	\$0.40	\$4.80
Amethyst. An early-flowering "Royal Purple".....	.40	4.80
Asta Ohn. Lavender.....	.40	4.80
Aurora. Striped or flaked orange-scarlet on a white ground.....	.40	5.00
Aviator. Scarlet.....	.40	4.80
Blue Bird. A magnificent violet-blue.....	.40	4.80
Blue Wonder. Clear blue.....	.50	5.00
Burpee's Orange. Glistening orange.....	.65	8.00
Chevalier. Magnificent new cerise-rose.....	.40	4.80
Columbia. The best pink and white.....	.40	4.80
Cream. It has immense blossoms, very frilled.....	.40	4.80
Eldorado. Pure orange-salmon.....	.65	8.00
Enchantress. Bright rose-pink.....	.40	4.80
Fair Maid. A blush-pink, suffused salmon on a white ground.....	.40	4.80
Flamingo. Large orange and rose.....	.40	4.80
Gilda Gray. Salmon-cerise, overlaid pink.....	.80	10.00
Glitters. Standard bright fiery orange, wings deep orange.....	.40	4.80
Gorgeous. Salmon-rose.....	.40	4.80
Grenadier. A glowing poppy-scarlet.....	.60	6.00
Harmony. Lavender.....	.40	4.80
Heather Belle. Mauve.....	.40	4.80
Hercules. Pink, extra large flower.....	.40	4.80
Jeanne Mamitsch. Striking pink, shading off to deepest pink.....	.50	6.00

	Oz.	Lb.
Lavender King. Lavender.....	\$0.40	\$4.80
Liberty. A very good early red.....	.40	4.80
Madonna. Best black-seeded white to date.....	.50	5.00
Miss Louise Gude. Brilliant pink.....	.40	4.80
Miss Spokane. Peach-red. Wings bright scarlet....	.50	5.00
Mrs. Chas. A. Zvolanek. Clear lavender.....	.40	4.80
Mrs. A. A. Skaach. Flowers bright shell-pink.....	.40	4.40
Mrs. W. G. Harding. Pale lavender.....	.60	6.00
Mrs. Kerr. Salmon.....	.60	6.00
Pink and White. Improved.....	.40	4.00
Rose Queen. Rose-pink.....	.40	4.40
Rose Dore. Rose-pink, suffused orange.....	.40	4.80
Snowflake. White.....	.40	4.80
Snowstorm Improved. A vigorous grower, flowers large, white, of great substance.....	.40	4.80
The Beauty. Fiery dark rose.....	.40	4.80
Torch. Salmon-rose.....	.40	4.80
Yarrowa. Rose, changing light pink, standard tinted buff.....	.40	4.80
Zvolanek's Blue Sensation. A new blue.....	.40	4.80
Zvolanek's Lavender.....	.40	4.80
Zvolanek's Rose. A giant rose-pink; the best of its color to sow for spring blooming to follow the mums.....	.50	5.00
Zvolanek's Orange.....	.50	5.00
Early-Flowering Spencers. Mixed, many kinds...	.30	3.00
Early-Flowering Spencer, Vaughan's Special Mixture.....	.50	6.00

Early-Flowering—Spencer Novelties

We especially recommend these for trial for comparison with older varieties.

	Oz.	Lb.
Ball's Rose. A bright dark rose with amber flush....	\$0.80	\$10.00
Ball's Blue. Clear blue, good bloomer.....	.80	10.00
Ball's Orange.....	2.00	24.00
Bright Light. Flaming scarlet.....	.80	10.00
Blue Boy. Largest and clearest blue.....	.40	4.80
Charm. Glowing rose-pink.....	1.60	22.00
Duplex Pioneer. Rose-pink.....	¼ oz., 85c	3.00
Edward Zvolanek. Large lavender.....	.40	4.80
Gleam. Bright geranium-pink.....	1.60	22.00
Giant Rose. Improved Zvolanek's rose.....	.80	10.00
Illumination. Salmon-cerise.....	.50	5.00
Imperial Pink. Clear pink, enormous size.....	.80	10.00
Morse's Superior Pink. Beautiful clear rose-pink, very slightly shaded with salmon.....	.65	8.00
Mrs. Calvin Coolidge. Salmony pink.....	.60	6.00
New Blue. New deep blue.....	.65	8.00
Orange King. It is a beautiful glowing orange and practically sunproof.....	.80	9.00
Pink Profusion.....	.50	6.00
Spring Song. Salmon-pink on cream.....	1.50	20.00
Snow-White. Pure white.....	.80	10.00
Sweet Lavender. A pure lavender self, of enormous size, beautifully frilled.....	.50	6.00
Vulcan. The color is the most vivid scarlet; never burns in the hottest sunshine.....	.50	5.00
White Harmony. The best black seeded white early-flowering.....	1.20	16.00

Fort Atkinson, Wis., Nov., 1, 1927.

I bought my Sweet Pea seed of you this fall and they are now in blossom and will say they are the most satisfactory I have ever had.

LYNN ASPINWALL.



MORSE'S SUPERIOR PINK SWEET PEAS



Sweet Peas

Summer Flowering—Spencer Varieties

4 ozs. and upward of one variety supplied at pound rate. Less than 4 ozs. at oz. rate.



	Oz.	Lb.
Golden Glory. Glowing orange.....	\$0.20	\$2.00
Gold Crest. Orange, tinted salmon.....	.30	3.20
Hawlmart. Salmon-Pink.....	.15	1.80
Heavenly Blue.....	.30	3.00
Hebe. Bright pink.....	.15	1.80
Hercules. A pale rosy pink flower of giant size.....	.15	1.80
Illuminator. Rich salmon-pink.....	.20	2.00
Ivory Picture. Ivory-cream.....	.40	4.40
King Edward VII. The best pure red Spencer.....	.15	1.60
King Manoel. Chocolate-maroon.....	.15	1.80
King White. Gigantic flowers of pure white.....	.15	1.60
Magnet. Bright cream-pink.....	.30	3.30
Majestic Cream.....	.15	1.80
Mary Pickford. Dainty cream-pink suffused salmon.....	.30	3.00
Mermaid. Rich, true lavender.....	.40	4.00
Miss California. Orange-salmon and cream-pink.....	.20	2.00
Mrs. Cuthbertson. Standard rose-pink, wings nearly white.....	.15	1.60
Mrs. Tom Jones. Bright blue.....	.15	1.80
Peggie. Cerise, flushed orange.....	.30	3.00
Picture. Flesh-pink with creamy apricot.....	.15	1.80
Pinkie. Rose-pink, largest.....	.65	7.00
Power's Court. Lavender.....	.15	1.80
President Harding. Salmon-cerise suffused orange.....	.20	2.00
Prince of Orange. The deepest orange.....	.60	6.40
R. F. Felton. Lilac standard, gray wings.....	.15	1.80
Rosabelle. A very fine large rose-colored flower.....	.15	1.80
Royal Purple. Rich purple.....	.15	1.60
Royal Scot. Brilliant scarlet.....	.15	1.80
Royal Salute. Deep cerise.....	.15	1.80
Royal Sovereign. Large orange-salmon.....	.20	2.00
Snowball. New white.....	.40	4.00
'Sunkist. Cream, picotee edge of rose, large.....	.70	8.00
Tangerine Improved. Glowing orange.....	.20	2.00
Warrior. A fine maroon.....	.15	1.80
Wembley. Lavender, suffused blue.....	.25	2.60
What Joy. Primrose yellow.....	.40	4.00
Wizard. Salmon-scarlet.....	.25	2.80
Youth. Exquisite shell-pink picotee edge on a pure white ground.....	.20	2.00
Vaughan's Special Mixture of Spencer Varieties, made up mostly from separate varieties.....	10 lbs., \$14.00	.20 1.60
Vaughan's Florist's Mixture of Spencer Varieties. This is a mixture made by ourselves mostly of light-colored varieties, most suitable for florists' cut-flower trade.....	.20	2.40
Spencer Hybrids in splendid mixture. 10 lbs., \$8.00	.15	1.00

Appleblossom. Superseded by Mrs. Cuthbertson.	Oz.	Lb.
Avalanche. White, of great substance.....	\$0.40	\$4.00
Austin Frederick Improved. Lavender.....	.15	1.80
Barbara. Salmon.....	.20	2.00
Blanche Ferry. Rose standard and white wings.....	.15	1.60
Carmelita. Rose-pink on white ground.....	.40	4.00
Charming. Rosy cerise.....	.15	1.80
Chieftain. Pure satiny mauve.....	.40	4.00
Colne Valley. Lavender-blue.....	.15	1.60
Commander Godsall. Violet-blue.....	.15	1.60
Constance Hinton. Black seeded white.....	.15	1.60
Crimson King. Rich deep clear crimson.....	.15	1.60
Defiance. Large orange-scarlet.....	.20	2.20
Del Monte. Salmon-cerise-pink.....	.40	4.00
Dobbie's Lavender George Herbert. Pure lavender.....	.15	1.80
Edna May Improved. Pure white.....	.15	1.80
Elfrida Pearson. Large pale pink.....	.15	1.80
Fiery Cross. Intense orange-scarlet.....	.20	2.00
Fluffy Ruffles. Rich rose shaded salmon and cream duplexed.....	.60	6.40
George Shawyer. Salmon-rose.....	.15	1.80

SWEET PEAS IN MIXTURE

Vaughan's Prize Mixture. This mixture contains the cream of the new and standard sorts, including many Spencer varieties.....	10 lbs., \$10.00	.15 1.20
Eckford Mixture. This mixture contains over thirty varieties, including some of the novelties for 1928 and other choice sorts.....	10 lbs., \$5.00	.10 .60



ZINNIA, Giant Colossal



ZINNIA, Dahlia-Flowered

Zinnia

New Giant-Flowered or Colossal

The flowers are of enormous size, thickly set with velvety petals. The plants are healthy, vigorous, branching freely, and make excellent material for groups or cutting.

Apricot-Yellow (Light Canary)	Golden Yellow		
Blood-Red.	Lavender		
Bright Rose	Orange		
Buttercup	Pink Shades		
Burnt Orange	Royal Purple		
Cream	Scarlet		
Crimson	Shrimp-Pink		
Deep Flesh	Salmon Shades		
Deep Salmon	Violet		
Flesh Color	White		
		Trade pkt.	Oz.
Each of the above.....	lb., \$8.00	\$0.15	\$0.80
Colossal varieties, special. Mixed.....	lb., \$10.00	.15	.80
Colossal, mixed, ordinary.....	lb., \$6.00	.15	.60
Picotee Mixed.....		.25	1.40
Golden Pheasant. Flowers deep orange tipped maroon.....		.35	1.80
Crested or Curled.....		.15	.60
Lilliput. Mixed.....		.15	.60
Scarlet Gem.....		.15	.80
White Gem.....		.15	.80
Golden Gem.....		.15	.80
Canary Gem.....		.15	.80
Salmon Rose. A lovely color.....		.15	.80
Gracillima fl. pl. Coccinea (Red Riding Hood)....		.15	.80
Mexicana (Haageana) fl. pl., double yellow.....		.15	.80
Hybrida. New Mexican Hybrids. Single.....		.15	.80
Hybrida. New Mexican Hybrids. Double.....		.15	.80
Pumila fl. pl. This is called the "Cut and Come Again" type			
Alba plena. Snowball.....		.10	.50
Coccinea plena. Fireball.....		.10	.50
Aurea plena. Goldball.....		.10	.50
Salmon-rose. Remarkable shade, good for cut-flowers.....		.15	.80
Mixed. The above four shades.....		.10	.40

An expert Zinnia grower advises the application of flowers of sulphur to the soil at planting time at the rate of half pound per square rod. This will produce in his estimation better flowers.

Dahlia-Flowered

The plants grow tall, are well-branched and the colors are very distinct and striking; the flowers are double and large, measuring from 5 to 6 inches across.

Buttercup-yellow			
Canary Bird, primrose			
Crimson Monarch, best red			
Dream, deep lavender			
Exquisite, light rose, center deep rose			
Golden State, rich orange			
Lemon Beauty			
Illumination, deep rose			
Oriole, orange and gold			
Meteor, darkest red			
Scarlet Flame, bright scarlet with blending of orange			
Polar Bear, white			
Purple Prince			
Each of the above.....		Trade pkt.	Oz.
		\$0.35	\$1.80
Dahlia-Flowered Mixed, many colors.....	lb., \$12.00	.25	1.00
Dahlia Flowered Gold Medal Hybrids. A superior mixture containing many new varieties from the trial grounds of the originator and the better named varieties.....	lb., \$14.00	.35	1.25

California Giants

They are larger than Colossal and a cross between them and the Dahlia-Flowered types. They have smaller flat centers with more loosely placed petals. The petals are decidedly imbricated and the flower from bud to full bloom presents a graceful appearance.

Cherise Queen.			
Lemon Queen, the petals are light canary on the upper and cerise on the lower side. It is the only Zinnia with fragrance.			
Miss Willmott, soft pink.			
Enchantress, extra choice pink.			
Orange King, similar in color to the Calendula of the same name.			
Orange Queen, lighter than Orange King.			
Purity, a clean pure white.			
Rose Queen, this flower opens first as bright rose with a deep rose red center and gradually develops into a deep rose.			
Scarlet King.			
California Giants. Mixed. All colors.			
Each of the above.....		Trade pkt.	Oz.
		\$0.25	\$1.00
Vaughan's Special Mixture of all elegans varieties.....	lb., \$12.00	.20	.90

Grow in a sunny spot in well-fertilized soil and water freely, the flowers will be more completely double as lack of these, stunts the plant and flowers are apt to revert to the old single type.

Sow perennial seeds early so you may winter over larger plants.



AQUILEGIA (Columbine) Long-Spurred



ACHILLEA, The Pearl



ANCHUSA Dropmore

Seeds of Biennials and Hardy Perennials

Many of the biennials and perennials are now as important to florists as Asters, Sweet Peas, Verbenas, etc., are among the annuals. Some can be forced, such as Delphinium, Canterbury Bells, etc., while many others sell as readily as Geraniums if grown

in pots, not to speak of the cut-flower sorts, such as Coreopsis, Gypsophila, Chrysanthemum, Shasta Daisy, Physostegia, etc. They are really needed in every florist's establishment that caters to the better class of trade. The demand for them is increasing.

	Trade	pkt.	Oz.
Acanthus Latifolius (Bear's Breech), 36 in. .lb., \$4.00	\$0.10		\$0.40
Mollis. Fine foliated decorative plants, 3 ft., .lb., \$4.00	.10		.40
Achillea Ageratum. Yellow, scented, 24 in. . . . .	.25		1.00
Filipendula, Parker's var. Yellow, 4 to 5 ft. . . . .	.50		3.00
Millefolium Kelwayi. Magenta red, 40 in. 1/8 oz., \$1.20	.50		
Ruber, Magenta, red, 24 in. . . . .	.25		1.00
Ptarmica fl. pl. The Pearl. Abundant small white flowers, for cutting, 30 in. 1/4 oz., \$1.20	.50		4.00
Aconitum Fisheri. Large pale blue flowers, 30 in. . . . .	.30		1.60
Napellus, Monk's Hood. Dark blue, 36 in. . . . .	.35		1.80
Wilsoni. Rich blue, 6 to 7 ft. . . . .	.50		3.20
Adlumia Cirrhosa, Allegheny Vine. Beautiful hardy climber. . . . .	.35		2.60
Adonis Vernalis. Golden yellow, 12 in. . . . .	.35		2.40
Agathea Coelestis (Amelloides) (Blue Daisy). Blue, floriferous, 40 in. 1/4 oz., 45c	.25		1.60
Agrostemma Coronaria Atrosanguinea. Deep blood-red, 28 in. . . . .	.10		.30
Coronaria Mixed . . . . .	.10		.25
Flos Jovis. Carmine-rose, 16 in. . . . .	.10		.30
Hybrida Walkeri. Brilliant rosy purple, 16 in. . . . .	.15		.40
Allwoodii, see Dianthus.			
Astroemeria Aurantiaca. Orange, streaked with red, 3 to 4 ft. . . . .	.35		2.40
Pulchella. Brilliant yellow with red streaks, 3 ft. . . . .	.50		4.80
Alyssum + Argenteum. Yellow-flowered, 24 in. . . . .	.25		.80
Rostratum, yellow, 16 in. . . . .	.35		2.00
Saxatile compactum (Gold Dust), 12 in. lb., \$6.00	.15		.50
Sulphureum. Sulphur-yellow, 16 in. 1/4 oz., \$1.20	.50		4.00
Ampelopsis Veitchi, Boston Ivy. Clean seed .lb., \$3.00			.30
Anchusa Angustifolia. Navy-blue, 36 in. . . . .	.15		.50
Barellieri. Earliest, dwarf, dark blue, 24 in. . . . .	.35		2.00
Italica, Dropmore Variety. Large, pure, gentian-blue, excellent floriferous perennial for cutting, 6 ft. lb., \$8.00	.15		.80
Italica Opal. Light blue, 3 to 5 ft. . . . .	.35		1.40
Mysotiflora. + Beautiful Forget-Me-Not, blue 15 in. . . . .	.50		
Capensis, Dwarf. Azure blue, 24 in. lb., \$4.40	.15		.40
Anemone (Windflower), Coronaria. Mixed, very showy, 18 in. lb., \$8.00	.15		.80
Coronaria, Double Chrysanthemum-Flowered, 18 in., fine. . . . .	.35		1.40

	Trade	pkt.	Oz.
ANEMONE Coronaria—Continued			
St. Brigid's Hybrids. True Irish strain. Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors, 18 in. 1/8 oz., \$1.00	\$0.50		\$6.00
St. Brigid. Regular strain, 18 in. lb., \$24.00	.35		2.00
Pennsylvanica. White cup-shaped flowers. 1 to 2 ft. . . . .	.35		1.40
Pulsatilla. + Violet-lilac, 12 in. . . . .	.35		2.40
Rubra, + red, 12 in. . . . .	.35		2.00
Sylvestris. + White, large-flowered, 12 in. . . . .	.35		1.40
Anthemis Kelwayii (Hardy Marguerite). 2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. . . . .	.25		1.00
Kelwayi Alba. Hardy white Marguerite. 3 ft. . . . .	.25		1.20
Tinctoria. Very useful yellow border plant. 2 to 3 ft. June-Oct. . . . .	.25		1.20
Antigonon Leptopus (Mountain Rose). Rose. lb., \$5.00	.15		.50

AQUILEGIA + (Columbine)

Alpina. Blue, 24 in. . . . .	.25		1.20
Canadensis. Old rose with yellow, 30 in. lb., \$18.00	.25		1.40
Chrysantha. Light chrome-yellow, fine, 36 in. 1/4 oz., 50c	.35		1.60
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in. 1/4 oz., 70c	.35		2.60
Grandiflora Alba. White, long-spurred, 24 in. 1/4 oz., 85c	.35		3.00
Coerulea. Blue, Rocky Mt., Columbine, 24 in. lb., \$22.00	.35		1.80
Rose Queen. Shades of rose with white center, 30 in. 1/8 oz., 60c	.50		4.00
Dobbie's Imperial Hybrids. A very fine assortment made by a European hybridizer which will be sure to charm you by its dainty beauty. 1/8 oz., \$2.00	.50		4.00
Farquhar's Pink. Beautiful pink, long spurred flowers. . . . .	.50		2.00
Glandulosa Major. Black-violet with white corolla, 36 in. . . . .	.35		3.00
Jaetschaui. Large yellow with red spurs, 36 in. 1/4 oz., 85c	.35		2.00
Long-Spurred Varieties, choice mixed, 30 in., lb., \$24.00	.35		2.00
Blue Hybrids. . . . .	.50		5.00
Rose and scarlet shades. 1/8 oz., 75c	.50		

Rock Plants are followed by + and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials



BOCCONIA (Plume Poppy)



DAISY Shasta Alaska



CAMPANULA Medium (Canterbury Bell)

AQUILEGIA—Continued

Mrs. Scott Elliott's Strain of Long-Spurred Hybrids. (Seed from the originator.) This strain is allowed by the Royal Horticultural Society to be the best ever raised, and has received awards whenever exhibited. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc.	1/4 oz., \$2.25	\$0.50	\$8.00
Nivea Grandiflora. White, semi-double, 36 in.	.25	.25	1.00
Skinneri. Scarlet spurs with yellowish green corolla, 30 in.	1/4 oz., 70c	.35	2.40
Vulgaris Alba Plena. Double white, 30 in.	.35	.35	1.00
Double mixed.	lb., \$7.00	.15	.60
Single mixed.	lb., 6.00	.15	.60
Vaughan's Special Mixture.	1/4 oz., 1.00	.50	3.60

Arabis. + Alpina. White, 12 in.	lb., \$5.00	.15	.60
Alpina Nana Compacta, + 10 in.	.25	.25	1.40
Arenaria Montana+. White, 12 in.	.35	.35	2.60
Aristolochia Tomentosa, Dutchman's Pipe.	lb., \$6.00	.20	.80
Sipho. Large-leaved.	.25	.25	1.20
Armeria+ Alpina. Purple, 12 in.	.50	.50	
Formosa. Red, 2 ft.	.35	.35	2.40
Formosa Hybrid. 2 ft.	.25	.25	1.20
Lauchiana. Rosy crimson, 9 in.	.50	.50	
Maritima. Lilac-rose, 12 in.	.50	.50	4.40
Ruby. Deep rose-colored flowers, 24 in., 1/8 oz., \$1.00.	.50	.50	7.00
Asclepias Tuberosa. Orange, fine, 24 in.	1/4 oz., 80c	.50	3.00
Asparagus Verticillatus. Hardy Climbing Asparagus.	.35	.35	2.20
Asperula Hexaphylla. White, excellent for cutting, 36 in.	.15	.15	.80
Odorata, Woodruff. Very odoriferous, white, 8 in.	.15	.15	.80
Asphodelus Luteus. Yellow, fragrant, 3 to 4 ft.	.20	.20	1.00
Aster Perennial. Choice mixed.	.35	.35	1.80
Perennial, Large-Flowering Varieties, mixed.	.50	.50	2.40
Alpinus. Mixed, 15 in.	1/4 oz., 60c	.35	2.00
Goliath.+ Soft blue, 15 in.	1/4 oz., \$1.00	.50	3.60
Nixe.+ Light blue, 12 in.	1/4 oz., 75c	.35	
Amellus Hybridus. A good mixture.	.50	.50	
Sub-coeruleus.+ Light blue, 15 in.	1/4 oz., 75c	.35	
Aubrietia+ Large-Flowered Hybrids. Aubrietias produce great masses of bloom. Grow well from seed. Sow in June and plant out in autumn where required for flowering in spring. 6 in.	1/4 oz., 60c	.35	2.00
Bougainvillei.+ Dark blue, 6 in.	1/4 oz., \$1.00	.50	3.60
Graeca. Violet, large.	1/4 oz., 50c	.25	1.60
Leichtlini. Large-flowered, deep rosy purple.	.50	.50	
Auricula. Extra choice mixed, 6 in. spring.	1/8 oz. \$1.50	.50	
Baby's Breath. See Gypsophila Paniculata.			
Baptisia Australis (False Indigo). 2-4 ft. Beautiful racemes of pea-shaped indigo-blue flowers appearing in mid-summer.	lb., \$20.00; 1/4 oz., 50c	.25	1.60

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Trade pkt. Oz.

Black-Eyed Susan. See Rudbeckia Hirta.			
Bellis+ or Double Daisy, 6 in.			
Longfellow. Very large, double dark rose.	1/4 oz., 50c	\$0.25	\$1.60
Snowball. Double white, excellent.	1/4 oz., 50c	.25	1.60
White with red center.	1/8 oz., 60c	.35	
Mammoth Rosy white Quilled—double	1/8 oz., \$1.00	.50	
Mixture.	1/4 oz., 60c	.25	2.20
Monstrosa, double pink.	1/4 oz., 60c	.35	2.00
Double red (dark rose).	1/4 oz., 60c	.35	2.00
Double white.	1/4 oz., 60c	.35	2.00
Tubulosa Aetna. Rich, deep red.	1/8 oz., 80c	.50	5.00
Double mixed.	1/4 oz., 60c	.35	2.00
Extra choice mixed.	1/4 oz., 50c	.25	1.60
Bidens Atroranguinea. The black Dahlia, 24 in.	.25	.25	
Dahliaes. Mixed, 24 in.	.35	.35	1.80
Bignonia Radicans (Trumpet vine). Dark red, orange throat.	lb., \$6.00	.15	.60
Bocconia Japonica (Plume Poppy). 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of pretty cream color.	lb., \$4.80	.15	.50
Boltonia Asteroides. White daisy flowers, 4-6 ft.	.35	.35	2.80
Latisquama. Delicate pink, 4-5 ft.	.35	.35	1.80
Buddleia Veitchiana. Butterfly Bush.	lb., \$14.00	.25	1.20
Bupththalmium Cordifolium (Speciosum). 36 in. Orange-yellow flowers with brown centers.	.25	.25	1.40
Salicifolium. Yellow, dwarf, 18 in.	.15	.15	.90
Calamintha+ Alpina. Blue, 6 in.	1/8 oz., \$1.00	.50	7.00

CAMPANULA

Carpatica+ (Hare Bell). Blue, 18 in.	1/4 oz., 40c	.25	1.20
Alba+ White, 18 in.	1/4 oz., 40c	.25	1.20
Mixed+	1/4 oz., 40c	.25	1.20
Fragilis. Blue, splendid for hanging baskets.	.35	.35	
Lactiflora Coerulea. Light blue, 3 ft.	1/4 oz., 60c	.35	2.20
Macrantha. Blue, large-flowered, 40 in.	1/4 oz., 50c	.35	1.60
Alba, white.	1/4 oz., 50c	.35	1.60
Medium Calycanthema Cup and Saucer. Blue, 36 in.	.30	.30	1.60
Calycanthema, Lilac, Pink, White, each.	.20	.20	1.00
Mixed.	.10	.10	.50
Medium, Canterbury Bell, Single. Blue, 36 in lb., \$5.00	.10	.10	.50
Single, Lilac, Rose, White, each.	.10	.10	.30
Mixed.	.10	.10	.30
Double, Blue, 32 in.	.25	.25	1.20
Rose.	.25	.25	1.20
White.	.25	.25	1.20
Mixed.	.20	.20	1.00
Double and single mixed.	.15	.15	.80
Persicifolia Alba. White, fine, 30 in.	1/4 oz., 70c	.35	2.60
Alba Plena. Double white.	.50	.50	
Coerulea. Blue.	1/4 oz., 70c	.35	2.60

Seeds of Biennials and Hardy Perennials



COREOPSIS Lanceolata (Double-Flowering)



CIMICIFUGA



CHEIRANTHUS (Siberian Wallflower)

	Trade	pkt.	Oz.
CAMPANULA—Continued			
Persicifolia Coerulea Plena. Double blue. 1/8 oz., \$1.00	\$0.50		\$7.40
Telham Beauty. Very large bells of China-blue. . . . .	.75		
Single mixed.	1/4 oz., 70c	.35	2.40
Pyramidalis Alba. White, 5 ft.	1/4 oz., 40c	.25	1.40
Blue, lavender-blue, 5 ft.	1/4 oz., 40c	.25	1.20
Mixed.	1/4 oz., 40c	.25	1.40
Rotundifolia. + One of the prettiest species, slender branching stems, covered with dainty frail blue flowers, 6-12 in.	1/8 oz., \$1.00	.50	
Trachelium (Coventry Bells). 2-3 ft. Crowded heads of lavender-blue flowers. . . . .		.25	1.40
Turbinata. + A beautiful variety forming close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it. June-July. 6 in.	1/4 oz., 60c	.25	2.00
Alba. + 18 in.	1/4 oz., 50c	.25	
Perennial Varieties. Mixed. . . . .		.25	1.40
Candytuft + Sempervirens (Hardy Candytuft). White, 12 in. June-July.lb., \$28.00			
Queen of Italy. A free-flowering, dwarf, compact variety with almost evergreen foliage; may be grown as annual or biennial. 10 in. . . . .		.15	.60
Gibraltarica. Large flowers, lilac, shading to white. 1 ft.	lb., \$12.00	.20	1.00
Canterbury Bells. See Campanula Medium.			
Carnation, Vienna Dwarf. Mixed.	1/4 oz., 60c	.35	2.00
Vienna Dwarf. White.	1/4 oz., 70c	.35	2.40
Pink.	1/4 oz., \$1.20	.50	4.00
Grenadin-Red. Half high.	1/4 oz., 70c	.35	2.40
Red, Dwarf.	1/8 oz., 75c	.50	5.00
White.	1/4 oz., 70c	.35	2.40
Pink.	1/4 oz., 85c	.35	3.00
Velvety Brown.	1/4 oz., 90c	.35	3.20
Mixed.	1/4 oz., 60c	.25	2.00
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in. . . . .		.25	1.00
Catananche Coerulea. Blue, with dark eye, fine, everlasting, 30 in. . . . .		.15	.80
Coerulea Alba. White, with dark eye. . . . .		.20	1.00
Centaurea Dealbata. Rose-colored flowers, 18 in.	1/4 oz., 65c	.35	2.20
Macrocephala. Golden yellow, 36 in. . . . .		.25	1.00
Montana. Corn-flower blue. Large flowers, 24 in.	lb., \$6.40	.20	.80
Alba. White, superb large flowers, 24 in. lb., \$12.00		.35	1.20
Centranthus. See Valeriana.			
Centrosema Grandiflora. Red-violet.	1/4 oz., 40c	.25	
Cephalaria Alpina. Sulphur-yellow, 5 ft.20	.80

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	Trade	pkt.	Oz.
Cerastium + Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in.	1/4 oz., 40c	\$0.25	\$1.20
Cheiranthus Allioni. Brilliant yellow, 16 in., lb., \$6.00		.15	.60
Kewensis Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	1/8 oz., \$1.00	.50	6.00
Linifolius. Lilac, 18 in. . . . .		.25	2.00
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. .		.15	.80
Barbata Torreyi. Brick-red, 4 ft. . . . .		.15	.80
Hybrida. Mixed. . . . .		.15	.60
Chrysanthemum Leucanthemum (Spring Marguerite)			
Early floriferous, 36 in. "Mother's Day." lb., \$8.00		.15	.80
Maximum (Ox-Eye Daisy)	lb., 4.00	.10	.40
King Edward VII. Large, white, 36 in.	lb., 6.00	.15	.50
Excelsior. One of the best, large flowers, 6 in. across with very small disc. . . . .		.35	1.80
Laciniatum, Comet Marguerite. white, 36 in. . . . .		.15	.80
Market Favorite. Pure white flowers. . . . .		.25	1.20
Mrs. C. Lothian Bell. Single white, 3 ft. . . . .		.25	1.20
Cimicifuga Cordifolia. Yellowish white, 3 ft.			
Clematis Paniculata. White.lb., \$ 4.00		.10	.40
Recta. Splendid cut-flowers, white, 4 ft.	lb., 14.00	.25	1.00
Columbine. See Aquilegia.			
Coreopsis Lanceolata Grandiflora. Golden yellow, 3 ft.	lb., \$3.20	.10	.30
Lanceolata Grandiflora Fl. Pl. (Double-Flowering Coreopsis), 3 ft.	lb., \$10.00	.30	1.00
Crucianella + Stylosa. Light red, 18 in. . . . .		.15	.60
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.			
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	1/4 oz., 50c, lb., \$20.00	.35	1.60
Westralia. Very large and early. White. 1/4 oz., 40c		.25	1.40
Shasta. Ordinary.	lb., \$6.00	.15	.50

DELPHINIUM

Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.	lb., \$64.00	1.00	5.00
Vanderbilt Hybrids. Immense flower stalks with great heads of bloom tapering to the tip. Nearly all flowers open at once and exhibit the greatest combination of colors. . . . .		.50	4.80

Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon strain

DELPHINIUM—Continued

Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period—many varieties bloom well into August; their resemblance to Hollyhocks. The seed we offer was grown from the introducer's stock seed and is as true to type as is obtainable.

..... lb., \$80.00; ¼ oz., \$2.00 \$1.00 \$6.00

XXX Hybrids Separate Colors

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of this and has segregated different colors into various shades which we are glad to offer as follows:

	Trade pkt.	Oz.
XXX Light Blue Shades.....	¼ oz.,	70c \$0.50 \$ 2.40
XXX Dark Blue Shades.....	¼ oz.,	70c .50 2.40
XXX Mid-Blue Shades.....	¼ oz.,	70c .50 2.40
XXX Pastel Shades.....	¼ oz.,	70c .50 2.40
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation.....	1.00	14.00
Belladonna Hybrids. 4 to 5 ft.....	.35	1.60
Belladonna. Light Blue, 4 to 5 ft.....	lb., \$28.00	.40 2.00
Light Blue Improved, 4 to 5 ft.....	.50	3.00
Bellamosum. Dark blue, 4 to 5 ft.....	lb., \$32.00	.50 2.40
Cardinale. Scarlet, 30 in.....	.50	3.00
Chinense Album Grandiflorum. White, 36 in.....	.20	.80
Azureum Grandiflorum. Blue, 36 in.....	lb., \$8.00	.20 .80
Azure Fairy. Soft azure-blue, 20 in.....	.25	1.20
Tom Thumb Ultramarine. A very pretty dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue.....	lb., \$8.00	.20 .80
Mixed.....	lb., 7.00	.15 .70
Elatum Hybridum Indigo (better than D. Formosum). 5 ft.....	1.00	10.00
Double Hybrids. Fine mixed.....	.35	1.60
Summer Cloud. White, fine.....	¾ oz., \$1.25	.50 7.40
Formosum. Blue, dark, 5 ft.....	.50	3.00
Nudicaule. Brilliant scarlet with peach-red interior, 30 in.....	¼ oz., 85c	.50 3.00
Chamois.....	.50	4.00
Lemon Gem. 18 in.....	.75	

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DELPHINIUM—Continued

	Trade pkt.	Oz.
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.....	1/8 oz., \$ 2.00	\$0.50
Gold Medal Hybrids. An extra choice strain.....	lb., 12.00	.25 \$1.00
Vaughan's Special Mixture, Perennial varieties.....	.50	3.20

DIANTHUS-PINKS

Allwoodii.....	100 seeds, \$1.00; 1,000 seeds, \$8.00	
Barbatus (Sweet William).		
Double Blood-red (Atrosanguineus pl.).....	.15	.80
Roseus. Pink.....	.20	1.00
Nigrescens. Almost black.....	.15	.80
White.....	.15	.80
Mixed.....	lb., \$6.00	.15 .60
Single Albus. White.....	.15	.50
Blood-red (Atrosanguineus).....	.15	.50
Coppery Red.....	.15	.80
Diadematus. Crimson with white eye.....	.15	.60
Harlequin (Mutabilis). Many shades to each flower head.....	.15	.50
Johnson's Giant. Mixture of large-eyed, dark.....	lb., \$8.00	.15 .80
Nigrescens. Very dark, almost black.....	.15	.50
Pink Beauty (Newport Pink). Salmon-rose, lb.....	8.00	.15 .80
Roseus. Delicate pink.....	.15	.50
Scarlet Beauty. Scarlet.....	lb., \$8.00	.15 .80
Turkey-Red.....	.25	.80
Single Mixed.....	lb., \$3.60	.10 .40
Dwarf Mixed.....	.15	.50
Mammoth Flowered. Single mixed.....	lb., \$ 6.00	.15 .60
Double Mixed.....	lb., 14.00	.25 1.20
Vaughan's Special Mixture.....	lb., 14.00	.25 1.20
Barbatus X Chinensis (Annual Sweet William). Mixed.....	.15	.60
Caesius, + Dense tufts of glaucous blue foliage and large rose-colored flowers, 3 in. July.....	.25	1.00
Deltoides. + Rose, 6 in. Summer.....	¼ oz., 50c	.35 1.80
Dentosus Hybridus. + Lilac and red.....	¼ oz., 50c	.25 1.40
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high....	.15	.80
Best rock work species mixed.....	¼ oz., \$1.00	.35 4.00
Plumarius (Clove Pink). Single mixed, 6 in.....	lb., \$3.60	.10 .40

Seeds of Biennials and Hardy Perennials



SWEET WILLIAM (*Dianthus Barbatus*)



HOLLYHOCK Chater's, Double



GAILLARDIA *Grandiflora*

DIANTHUS—Continued

	Trade	pkt.	Oz.
Plumarius Double. Fine mixed	¼ oz., 35c	\$0.25	\$1.20
Cyclops. Best single . . . . .	.15	.80	
Cyclops. Red Hybrids . . . . .	.35	1.40	
Cyclops. Double Mixed . . . . .	.50		
Semperflorens. Single Mixed . . . . .	.20	1.00	
Double and Single Mixed	¼ oz., 40c	.35	1.40
Diadematus. Rose sprinkled white . . . . .	.15	.80	
Albus Plenus. Double white	¼ oz., 75c	.50	2.80
Nanus fl. pl. Double Early-Flowering. Mixed.	¼ oz., 70c	.35	2.40
Peacock. Fringed . . . . .	.15	.80	
Vaughan's Special Mixture	¼ oz., 60c	.35	2.00

<i>Dictamnus Fraxinella</i> (Gas Plant). Pink, 30 in. . . . .	.50	2.60
<i>Fraxinella Albus</i> . White, 30 in. lb., \$20.00	.35	1.40

DIGITALIS (Foxglove)

<i>Canariensis</i> . Canary-yellow	½ oz., 65c	.35	4.00
The Shirley Hybrids. 6 to 7 ft. The flower-heads are over 3 ft. long, covered with big bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate	¼ oz., 35c	.25	1.00
<i>Hybrida Lutzi</i> . New salmon hybrids . . . . .	.30	1.40
<i>Gloxiniiflora</i> . Spotted flowers, mixed, 4 ft. lb., \$4.00	.15	.50	
Alba. White lb., 6.00	.15	.60	
Purple lb., 6.00	.15	.60	
Rose lb., 6.00	.15	.60	
Isabellina. New, light chamois	¼ oz., 60c	.35	2.00
<i>Grandiflora</i> . Chrome-yellow (<i>Ambigua</i>), 36 in. . . . .	.15	.80
<i>Maculata Iveryana</i> . Spotted varieties, 4 ft. . . . .	.15	.60
<i>Purpurea Monstrosa</i> . Mixed, 3 ft. lb., \$6.40	.15	.60	
Mixed lb., 4.00	.10	.40	
Vaughan's Special Mixture lb., 8.00	.15	.80	

<i>Echinacea Hybrida</i> (Cone Flower), mixed, 40 in. . . . .	.35	1.80
<i>Purpurea</i> . Purple Cone Flower, 40 in. . . . .	.25	1.20
<i>Echinops</i> (Globe Thistle) <i>Ritro</i> . Violet, 5 ft. lb., \$4.80	.15	.50
<i>Sphaerocephalus</i> . Light blue, fine for winter bouquets 6 ft. . . . .	.10	.40
<i>Edelweiss</i> . + Large-flowered, 6 in. ½ oz., \$2.10	.50	
<i>Eremurus Robustus</i> , 100 seeds, 75c; 1000 seeds, 6.00		
<i>Himalaicus</i> . . . 100 seeds, 35c; 1,000 seeds, 3.00		
<i>Erigeron Speciosus</i> Hyb. <i>Grandiflorus</i> . Rosy lilac. 30 in. . . . .	.35	2.20
<i>Grandiflorus Elatior</i> . Rosy, 24 in. . . . .	.35	2.00
<i>Erinus</i> + <i>Alpinus</i> , Mixed. White, carmine and rose, 6 in. May-July . . . . .	.50	
<i>Alpinus</i> . Purple, fine for borders. 6 in. . . . .	.50	

Rock Plants are followed by + and the heights given are of the plants when in bloom.

<i>Erodium</i> + <i>Manescavi</i> . Rich rose, 18 in. June-Aug.	\$0.35
<i>Eryngium Amethystinum</i> . Amethyst-blue, 3 ft. . . . .	.50 \$3.00
Alpinum. Light blue, 32 in. . . . .	.35 2.40
Planum. Dark blue, 4 ft. . . . .	.15 .60
<i>Eupatorium Ageratoides</i> . White, 3 ft. . . . .	.15 .80
<i>Coelestinum</i> . Sky-blue . . . . .	.50
<i>Purpureum</i> . Wine-red, floriferous, 4 ft. . . . .	.25 1.20
<i>Euphorbia Polychroma</i> . + Bright yellow bracts, 15 in. . . . .	.50
Evening Primrose. See <i>Oenothera</i> .	

FORGET-ME-NOT (+*Myosotis*)

<i>Alpestris</i> . Blue, 12 in. . . . .	.15	.80
Indigo-blue (Sutton's Royal Blue), 12 in. . . . .	.30	1.40
<i>Eliza Fonrobert</i> . . . . .	.30	1.40
<i>Messidor</i> . Deep blue, late-blooming, 12 in. . . . .	.30	1.40
<i>Rosea</i> . 12 in. . . . .	.15	.80
<i>Victoria</i> . Dwarf, sky-blue, 8 in. ¼ oz., 60c	.35	1.80
White. 12 in. . . . .	.15	.80
Mixed, many kinds. . . . .	.10	.80
Indigo-Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of dark blue. . . . .	.35	2.40
Pink Bouquet. A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut-flower purposes. ¼ oz., 70c	.35	2.40
<i>Dissitiflora</i> . Rich blue, early and compact. One of the best. ½ oz., 50c	.30	2.80
<i>Palustris</i> . The true Swamp Forget-Me-Not. ¼ oz., 60c	.35	2.00
<i>Semperflorens</i> . Dwarf, blue, in flower from early spring until autumn. ¼ oz. 60c	.35	2.00
<i>Oblongata</i> . Vaughan's Early and Late-Flowering. The flowers are borne on long, stiff stems. The blossoms are the most exquisite sky-blue with a delicate white center. ¼ oz., 40c	.25	1.40
Blue Bird. A beautiful winter-flowering Forget-Me-Not. An English specialist's selection from the Oblongata class. ½ oz., \$1.20	.50	8.00
<i>Hybrida Isolde Krotz</i> . New. Bright blue; good for pots. 1-32 oz., \$1.50	1.00	
<i>Ruth Fisher</i> . Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. ¼ oz., \$1.20	.50	

GAILLARDIA-Grandiflora

<i>Dazzler</i> . Large flowers up to 5 inches across, bright golden yellow with rich maroon-red center, fine for cutting. ¼ oz., 60c	.35	2.00
<i>Mastadonte</i> . Large-flowered, pure yellow . . . . .	.20	1.00

Seeds of Biennials and Hardy Perennials



LATHYRUS Latifolius (Perennial Pea)



HIBISCUS (Mallow Marvels)



LUNARIA (Honesty or Peter's Penny)

GAILLARDIA Grandiflora—Continued

	Trade	pkt.	Oz.
Portola Hybrids. 2½ to 3 ft. The flowers are of large size, nearly 4 in. in diameter—the petals being very broad and overlapping, of great substance, and spread out flat, forming a very regular flower; in color a brilliant scarlet with coppery hue which is intensified by the golden yellow with which each petal is heavily tipped. Comes about 50% true.	\$0.50		\$3.00
Stand-Holder. Large flowers, more or less yellow bordered, and with lighter or darker red wings around the center. The petals are broad, but occasionally tubular with an inclination to doubleness. Blooms early and the stems are stiff and long.	25		1.60
Sibylla. Flowers large, vivid carmine, tipped white, with dark crimson center.	.20		1.00
Maxima Kermesina Splendens. Crimson.	.15		.80
Maxima Yellow. Golden.	.20		1.00
Semi-plena. Semi-double varieties mixed.	.20		1.00
Sulphurea Oculata. Yellow, dark center.	.20		1.00
Tangerine. New, large orange-colored flower, ¼ oz., 1.00	50		
Compaeta. Mixture of dwarf varieties.	.20		1.00
Large-flowering sorts, mixed.	.15		.40
New Hybrids, mixed.	.15		.80

Garden Heliotrope, see Valeriana.

Gentiana Acaulis, Gentian-blue, fine, 5 in. ¼ oz., 85c	.50		3.00
Lutea. Yellow, 40 in.			
Geum Coccineum Atrosanguineum Pl. + Semi-double, orange-red, 2 ft. ¼ oz., 40c	.30		1.20
Coccineum + Fl. Pl. Mrs. Bradshaw. Glowing-red, 2 ft. ¼ oz., 50c	.35		1.80
Boresii. + One of the finest of this showy family, neat tufts of evergreen foliage, producing an abundance of neat branching stems, covered with large well-formed flowers, brilliant shade of scarlet flowering from June till late autumn. ¼ oz., \$1.00	.50		4.00
Lady Stratheden + (Golden Ball). It is a counterpart of the popular scarlet variety Mrs. J. Bradshaw, only the blooms are a rich golden yellow.	.50		4.00
Globularia + Trichosantha (Globe Daisy). Dark blue, 12 in. ¼ oz., 80c	.35		2.80

Grasses, Ornamental

Arundo Donax. 8 to 30 ft.	.15		.60
Arundo Donax fol. variegatis. 4 to 7 ft.	.15		.70
Erianthus Ravennae. Plume Grass.	.15		.60
Eulalia Japonica.	.15		.80

GRASSES, Ornamental—Continued

	Trade	pkt.	Oz.
Eulalia Japonica Zebrina	\$.015		\$0.80
Gymnothrix Latifolia. 3 to 4 ft.	.15		.60
Gynerium Argenteum.	.15		.60
Stipa Pennata. Feather Grass.	.50		3.00
Uniola Latifolia. Spike Grass.	.15		.60
Gunnera Manicata. Fine foliage plant	1.00		
Gypsophila Paniculata. White, 40 in. lb., \$4.80	.10		.40
Paniculata Fl. Pl. (30 to 40% true), 40 in. ½ oz., 1.00	.50		6.00
Manginii. Rosy white, tall.	.20		1.00
Repens, + Dwarf, for rockwork. White, 6 in.	.35		1.40
Hedysarum Coronarium. Red Honeysuckle, 24 in.	.10		.40
Helenium Autumnale Superbum. Yellow, 4 ft.			
	¼ oz. 35c	.25	1.00
Bigelowi. Yellow, for cutting, 20 in.	.50		3.00
Hoopesi. Yellow, 30 in.	.20		1.00
Riverton Beauty. Lemon-yellow, 4 ft.	.35		1.40
Riverton Gem. Crimson and old gold, 3½ ft.	.35		1.40
Helianthemum + Mutabile, (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Pale rose changing to lilac, then to white. 8-12 in. Excellent for rockeries. Mixed colors.	.20		.80
Helianthus (Sunflower) Maximilianii. Early-flowering. Yellow. 3 ft.	.35		
Angustifolius. Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft.	.25		1.20
Perennial Varieties. Mixed. ⅓ oz., \$1.20	.50		
Heliopsis. Piteheriana. Golden yellow, 4 ft.	.15		.80
Scabra Zinniaeflora. Yellow, 3 ft.	.25		1.20
Soleil d'Or. Golden yellow, 5 ft.	.35		1.80
Helleborus Niger, Christmas Rose. Seed germinates very slowly. 15 in.	.25		1.00
Hesperis Matronalis (Sweet Rocket), red, 40 in. lb., 3.40	.10		.40
Matronalis Alba. White, 40 in. lb., 3.40	.10		.40
Mixed. lb., 3.00	.10		.30
Nana Candidissima, 20 in.	.15		.80
Heuchera + Sanguinea. Crimson, 30 in. ½ oz., 1.00	.50		
Sanguinea Splendens. Bright vermilion. ⅓ oz., 1.20	.50		
Hybrida Grandiflora. Mixed, 30 in. ⅓ oz., 1.00	.50		
Maxima. Crimson, 30 in.	.50		
Brizoides. Rosy, 30 in. ⅓ oz., \$1.00	.50		7.00
Hibiscus Giant Yellow Sunset or (Golden Bowl), 2 ft. lb., \$5.40	.15		.60
Crimson Eye. White with red eye, 4 ft. lb., 5.00	.10		.50
Mallow Marvels. Mixed, 4 ft. lb., 8.00	.20		.80
Red, 4 ft. lb., 5.00	.15		.50
Moscheutos Roseus. Pink, 4 ft. lb., 5.00	.15		.50

Rock plants are followed by + and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
Hieracium + <i>Villosum</i> . Yellow, silvery leaves, 12 in. \$0.25			\$1.20
Hollyhocks . Double Maroon, Yellow, Pink, Deep Rose, Crimson, Dr. Faust, Salmon, Appleblossom, Blood-Red, Newport-Pink, White, each 1/4 oz., 35c	.20		1.20
Lilac Beauty. A clear bright lilac. 1/4 oz., 50c	.35		1.80
Chater's Prize Double Mixed. lb., \$12.00	.20		1.00
Single mixed. lb., 5.00	.15		.50
Allegheny. Mammoth-flowering, mixed. lb., 8.00	.15		.80
Alameda Pink. Wonderful new pink. . . . .	.25		1.40
Everblooming Single Hybrids. lb., 5.00	.15		.50
Double and Single Hybrids, mixed. lb., 8.00	.15		.80
Honesty , see <i>Lunaria</i> .			
Hyacinthus <i>Candicans</i> . White yuca-like flowers, 4 ft. lb., \$5.00	.15		.60
Iberis , see <i>Candytuft</i> .			
Incarvillea <i>Delavayi</i> . Rosy-carmine, 24 in. 1/8 oz., 1.50	.50		10.00
Inula +. <i>Ensifolia</i> . Dwarf, golden, 12 in. . . . .	.35		
Iris <i>Kaempferi</i> , Japanese iris, 18 in. lb., 8.00	.15		.80
Large-Flowering Hybrids. . . . .	.25		1.00
Siberica, mixed. lb., 8.00	.15		.80
Jacob's Ladder , see <i>Polemonium</i> .			
Kenilworth Ivy + <i>Linaria Cymbalaria</i> , pink. 1/4 oz., 50c	.35		1.80
Kudzu Vine . <i>Pueraria Thunbergiana</i> . Fragrant, wisteria-like flowers. lb., \$4.00	.10		.40
Larkspur (Perennial). See <i>Delphinium</i> .			
Lathyrus Latifolius . (Everlasting Pea), mixed. lb., \$ 6.00	.15		6.00
Latifolius <i>Albus</i> , white, 5 ft. . . . .	.25		1.00
Pink Beauty, very fine, 6 ft. lb., 8.00	.20		.80
Red. Magenta, 7 ft. lb., 8.00	.20		.80
White Pearl, 5 ft. lb., 14.00	.25		1.00
Lavandula Vera . True Sweet Lavender. . . . .	.15		.80
Liatris (Blazing Star.) <i>Spicata</i> . Purple rose, 20 in. . . . .	.35		1.60
<i>Scariosa</i> . Rose-purple, 4 ft. . . . .	.30		1.60
Lilium <i>Regale</i> , Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft. lb., \$24.00	.35		1.80
Linum <i>Perenne</i> (Perennial Flax). Blue. lb., 4.00	.10		.40
<i>Perenne</i> <i>Fl. Album</i> . White. lb., 4.00	.10		.40
Mixed. . . . .	.10		.40
<i>Flavum</i> . Yellow. . . . .	.50		
<i>Narbonense</i> . Steel-blue, large-flowering. . . . .	.50		
Lobelia <i>Cardinalis</i> (Cardinal Flower). 36 in. 1/8 oz., \$1.00	.50		7.00
<i>Syphilitica</i> . Blue. 24 in. 1/4 oz., 70c	.35		2.40
Lunaria <i>Biennis Alba</i> (Honesty or Peter's Pence) 40 in. lb., \$ 6.00	.15		.60
<i>Biennis</i> . Crimson, 4 ft. lb., 6.00	.15		.60
Lupinus <i>Polyphyllus</i> . Blue, Stately spikes of blue, 3 ft. lb., 3.00	.10		.30
<i>Albus</i> . Large, pure white spikes. 2-3 ft. lb., 3.00	.10		.30
Sunshine. Golden yellow. lb., 16.00	.35		1.20
Moerheimi. Beautiful soft pink, 2-3 ft. lb., 14.00	.25		1.00
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate. lb., \$12.00	.25		1.00
Downer's Hybrids. Perpetual flowering new hybrids. lb., \$14.00	.25		1.00
<i>Roseus</i> . Light and dark rose flowers on long stem 4 ft. lb., \$8.00	.20		.80
Arms of Enkhuizen. New. Creamy white. 1/4 oz., 40c	.25		1.40
Lavender Queen. Lavender tinted pink blossoms. . . . .	.50		2.00
Princess Juliana. Lovely pink blooms. lb., \$16.00	.25		1.40
Mixed. Splendid value. lb., 2.80	.10		.30
Lychnis <i>Alpina</i> + Rose, 12 in. 1/8 oz., 1.00	.50		6.00
<i>Arkwrightii</i> . A cross between <i>Chalcedonica</i> and <i>Haageana</i> . 2 to 3 ft. May. An abundance of large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. 1/4 oz., 50c	.25		1.60
<i>Chalcedonica Alba</i> . White. 36 inch. . . . .	.15		.80
Scarlet, 36 in. lb., \$6.40	.15		.60
<i>Flos-Cuculi</i> . Pink, 18 in. . . . .	.35		
<i>Fulgens</i> . Garnet, 18 in. . . . .	.35		
<i>Haageana Hybrida</i> . Mixed, extra choice, 18 in. 1/4 oz., 50c	.35		1.40
Scarlet, 18 in. 1/8 oz., 60c	.35		
<i>Viscaria Splendens</i> . Early, deep rose, 16 in.15		.60
Lythrum <i>Roseum Superbum</i> . Rose-pink, 40 in.15		.60

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LILIUM Regale

	Trade	pkt.	Oz.
Malva <i>Moschata</i> . Rose, 3 ft.	\$0.15		\$0.40
Matricaria <i>Capensis Alba Plenissima</i> . Best white, lb., \$5.00	.15		.50
Golden Ball. Yellow. . . . .	.25		1.60
Snowball, 8 in. 1/4 oz., 65c	.35		2.40
Meconopsis <i>Baileyii</i> . The new and beautiful blue Thibethan poppy. It is a graceful plant with downy pale green leaves, the brilliant Cambridge-blue pendant flowers, 4 inches across, being carried singly on stems about 2 feet high. Thriving best in a shaded position. . . . .	.75		
Monarda <i>Hybrida</i> . Mixed. 36 in. . . . .	.25		1.60
Myosotis . See <i>Forget-Me-Not</i> .			
Nepeta <i>Mussini</i> +. Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1/4 oz., \$1.00	.50		
Oenothera <i>Fraseri</i> . Deep yellow. 24 in. 1/4 oz., 1.50	.50		
<i>Macrocarpa</i> (Missouriensis). Yellow, 12 in. June-Sept. . . . .	.50		6.00
Youngei. Large yellow bloom. 18 in. 1/4 oz., 80c	.35		2.80
Papaver (Poppy) <i>Alpine</i> + Mixed, 10 in. 1/8 oz., 75c	.35		
<i>Bracteatum</i> . Scarlet., 32 in. lb., \$ 9.00	.20		.80
<i>Nudicaule</i> + (Iceland). Mixed, 16 in. lb., 10.00	.20		1.00
Yellow, Orange and White, each. . . . .	.25		1.00
Gibson's Giant Orange. . . . .	.35		1.60
Double Mixed. . . . .	.35		1.80
Sunbeams. New. . . . .	.25		1.40
<i>Oriente</i> (Oriental Poppy). Scarlet. lb., \$12.00	.20		1.00
Beauty of Livermore, large crimson. 1/8 oz., 1.00	.50		6.00
Brilliant. Brilliant fiery red. 1/4 oz., 50c	.25		1.80
Hybrids. New varieties, mixed. lb., \$12.00	.20		1.00
Princess Victoria Louise. Soft salmon-rose. 1/4 oz., 80c	.35		3.00
Pentstemon . Large-flowering hybrids, mixed 1/4 oz., 70c	.35		2.40
<i>Digitalis</i> . White tinted violet, 36 in. . . . .	.50		.80
Glaber. Dwarf, blue, 36 in. . . . .	.25		1.20
<i>Hybridus Graziella</i> , small flowers, free-blooming, 30 in. . . . .	.50		
<i>Pubescens</i> . Reddish blue, lips white, 18 in. . . . .	.20		1.00
<i>Sensation</i> . A wonderful mixture, 30 in. 1/8 oz., 50c	.35		3.00
Red varieties. 1/4 oz., \$1.00	.50		
Pink varieties.			
Southgate Gem. Crimson-scarlet, 24 in., 1/8 oz., \$1.20	.50		8.00
See also "Chelone."			
Peony , Double Chinese. lb., 8.00	.25		.80
Single mixed. lb., 6.00	.20		.60
Phlox <i>Decussata</i> . Perennial varieties mixed. Seed germinates slowly. lb., \$20.00	.25		1.80
Physalis <i>Franchetti</i> (Chinese Lantern Plant), 28 in. lb., \$10.00	.20		.80



LUPINUS Polyphyllus



LYCHNIS Chalcedonica



ICELAND POPPY

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
<i>Physostegia Virginica</i> . Rosy lilac, 4 ft.	¼ oz., 50c	\$0.25	\$1.60
<i>Virginica Alba</i> . White, 36 in.	¼ oz., 40c	.25	1.40
<i>Compacta</i> . Dwarf, rose	¼ oz., 45c	.25	1.60
<i>Gigantea</i> . Lilac-rose, 4 ft.	¼ oz., 45c	.25	1.60
Pinks, see Dianthus.			
<i>Platycodon Grandiflora</i> , blue, 28 in. . . . .	.25	1.00	
<i>Grandiflora Alba</i> . White, 28 in.	¼ oz., 50c.	.25	1.80
Mixed, 28 in. . . . .	.25	1.40	
<i>Mariesi</i> . Dark blue, dwarf, 16 in.	¼ oz., 80c	.35	3.00
<i>Alba</i> . White and faint blue, dwarf, 16 in.	¼ oz., 80c	.35	3.00
<i>Polemonium Coeruleum</i> . Blue, Jacob's Ladder. 30 in. . . . .	.15	.60	
<i>Coeruleum Album</i> . White, 30 in. . . . .	.15	.60	
<i>Prima Donna</i> . Dwarf, delicate blue, 12 in. . . . .	.15	.60	
<i>Richardsoni</i> . Dwarf, blue, early, 20 in. . . . .	.15	.80	
<i>Polyanthus</i> . Mixed (<i>Primula Veris</i>), 10 in. ¼ oz., 50c	.25	1.80	
Poppy, See Papaver.			
<i>Potentilla Formosa</i> + Light red, 12 in.	¼ oz., 60c	.25	2.00
<i>Nepalensis</i> + Miss Willmott. Bright carmine, 12 in.	¼ oz., 70c	.35	2.60
<i>Rupestris</i> +. White, 12 in. . . . .	.35		
Double. Mixed, 20 in.	⅛ oz., \$1.80	.50	
Single. Mixed, 26 in.	¼ oz., 40c	.25	1.20

PRIMULA

<i>Beesiana</i> . + Velvety purple with large yellow eye. . . . .	.50		
<i>Bullesiana Hybrida</i> . + Fine shades of yellow, orange, apricot and carmine, 18 in. May-June. . . . .	.50		
<i>Cashmeriana</i> . Lilac, early, hardy, 12 in. . . . .	.75		
<i>Denticulata Hybrida Grandiflora</i> +. 12 in. . . . .	.50		
<i>Japonica</i> mixed. + White, purple, black and carmine, 15 in. spring.	¼ oz., 65c	.25	2.20
<i>Japonica</i> . + Mrs. Scott Elliott's special strain,	⅛ oz., 2.00	1.00	
<i>Pulverulenta</i> . + Shining purple-carmine, 16 in. May-June. . . . .	.50		
<i>Rosea Grandiflora</i> . + Rose-carmine, 8 in. May-June	⅙ oz., \$1.00	.50	
<i>Officinalis</i> Common yellow cowslip. 10 in. . . . .	.25	1.00	
<i>Sieboldii</i> (<i>Cortusoides amoena grandiflora</i>)	1.50		
<i>Veris</i> (<i>Polyanthus</i>). + Fine mixed, 12 in. spring	¼ oz., 50c	.25	1.80
<i>Grandiflora</i> . + An extra choice strain.	¼ oz., 60c	.35	2.00
<i>Lutea</i> . + Yellow, 12 in.	¼ oz., 85c	.50	3.00
<i>Munstead Strain</i> . + Flowers of largest size, fine shades including yellow and white, 12 in.	¼ oz., 60c	.35	2.00
<i>Vulgaris</i> + (<i>Acaulis</i>). Yellow Primrose, 6 in. ¼ oz., 85c	.35	3.00	

PYRETHRUM

	Trade	pkt.	Oz.
<i>Roseum</i> . Pink, 30 in.	¼ oz., 70c	\$0.35	\$2.60
<i>Album</i> . White, excellent	¼ oz., 70c	.35	2.60
<i>Atrosanguineum</i> . Dark red shades.	¼ oz., 85c	.50	3.00
<i>Carneum</i> . Flesh.	¼ oz., 70c	.35	2.60
<i>James Kelway</i> . Rich red.	⅛ oz., \$1.70	.50	8.00
<i>Hybridum</i> . Single mixed	¼ oz., 45c	.25	1.40
<i>Grandiflorum</i> . Giant mixed. ¼ oz., 60c; lb., \$28.00	.35	2.00	
<i>Comet</i> . Flowered. Single and double with twisted petals.	⅛ oz., 60c	.35	4.00
Double mixed. Extra choice.	⅛ oz., \$1.20	.50	8.00
Double and single mixed. . . . .	.35	4.20	
<i>Uliginosum</i> . White, 4 ft.	⅛ oz., \$1.00	.50	
<i>Ranunculus Asiaticus Superbissimus</i> . Mixed, 12 in.	lb., \$6.40	.15	6.00
<i>Rehmannia Angulata</i> . Rose and red shades, 24 in.	⅛ oz., \$1.20	.50	8.00
<i>Romneya Coulteri</i> (California Giant Poppy). Beautiful snowy white fragrant flowers.	¼ oz., 60c	.35	2.20
<i>Rudbeckia Newmannii</i> . Vivid yellow, 24 in. . . . .	.25	1.00	
<i>Purpurea</i> (<i>Echinacea</i>). 4 ft. . . . .	.25	1.20	
<i>Grandiflora</i>	1 lb., \$18.00	.35	1.40
<i>Fulgida</i> . Yellow, disc dark, very free, 38 in. . . . .	.25	1.00	
<i>Hirta</i> (Black-Eyed Susan) yellow, back center. . . . .	.35	1.60	
<i>Triloba</i> , also called Black-Eyed-Susan, 3 ft. . . . .	.35	1.40	
<i>Salvia Argentea</i> (Silver-leaved Sage). 36 in. . . . .	.15	.60	
<i>Azurea Grandiflora</i> . September-October. Stately willow-like growth, spikes of pale blue flowers, 4 ft.	¼ oz., 50c	.35	1.80
<i>Nutans</i> . Blue, 3 ft. . . . .	.25	1.00	
<i>Patens</i> . Sky-blue, 30 in. . . . .	.35	2.80	
<i>Pratensis</i> . Dark blue, 30 in. . . . .	.25	1.00	
<i>Verbascifolia</i> Syria. Flower spikes 18 in. tall. Flowers dark blue, hairy within and without, 5 ft. . . . .	.25	1.20	
<i>Saponaria</i> + <i>Ocymoides Splendens</i> . Pink trailing summer, 12 in. . . . .	.15	.60	
<i>Officinalis</i> . Bouncing Bet. whitish, 2 ft. . . . .	.20	1.00	
<i>Saxifraga Cordifolia</i> . + A fine rock plant, 24 in. . . . .	.75		
<i>Cordifolia Splendens</i> . + Vivid rose. 24 in. . . . .	.75		
<i>Decipiens grandiflora</i> . + White, 18 in. . . . .	.50		
<i>Hypnoides</i> +. White trailing . . . . .	.75		
<i>Lingulata Leichtini</i> . Vivid rose, 28 in. . . . .	.75		
<i>Rhei superba</i> . + Rose, 12 in. May-July ⅛ oz. \$1.20	.50		
Perennial Species mixed.	⅛ oz., 90c	.50	
<i>Scabiosa Caucasicas</i> . Lavender. ¼ oz., 60c; lb., \$28.00	.35	2.00	
<i>Caucasica Alba</i> . Pure white, 40 in. . . . .	.50	4.00	
<i>Perfecta</i> . Lavender.	lb., \$34.00	.50	2.80
<i>House's New Hybrids</i>. . . . .	.50	4.00	
<i>Columbaria Rosea</i> . Deep rosy mauve. ¼ oz., \$2.00	.50		
<i>Japonica</i> . Clear blue flowers, 30 in.	lb., \$6.00	.15	.60

Rock plants are followed by + and the height given are of the plants when in bloom.



SCABIOSA *Caucasica*, House's New Hybrids



STATICE *Latifolia* (Sea Lavender)



THALICTRUM, *Dipterocarpum*

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.		Trade	pkt.	Oz.
Sedum Coeruleum (Stone Crop) + Blue, 3 in.	\$.50						
Sidalcea Rose Queen. Rose, 4 ft.	1/4 oz., 50c	.25	\$1.60	Verbascum Miss Wilmot. Large white flowers, 5 ft. ....	.25	\$0.25	\$1.00
Rosy Gem. Mallow rose, 18 in.	1/4 oz., 40c	.25	1.40	Harkness Hybrids. ....	.25		.80
New Hybrids.	1/4 oz., 50c	.35	1.80	Veronica Amethystina. + Long racemes of bright blue flowers, 1 ft.	1/4 oz., 80c	.35	
Silene (Orientalis). Dark rose, 30 in. ....	.10	.40		Incana. Ageratum-blue, 12 in.	1/4 oz., 70c	.35	2.50
Asterias Grandiflora. Carmine-scarlet, 18 in.	1/16 oz., \$1.00	.50		Prostrata, mixed. + Blue and white—Trailer, June-July, 6 in.	1/4 oz., \$1.20	.50	4.00
Schafta. + Rose, 8 in. July.	1/8 oz., \$1.00	.35	3.20	Spicata. Various shades, 18 in.	1/4 oz., 50c	.35	1.60
Solidago (Golden Rod). + Virgo-aurea Alpestris. Yellow, 10 in. spring. ....	.25	1.00		Spicata Dwarf Blue. +	1/4 oz., \$1.20	.50	4.00
Spergula Pilifera. A hardy evergreen suitable for grass edging or rockwork, 4 in.	1/4 oz., \$1.35	.50		Longifolia. Compact clusters of blue flowers, 30 in. ....	.35	1.40	
Stachys Lanata. Silver leaves, purple flowers, 24 in. ....	.15	.60		Hendersoni Nana. Dark blue, 12 in.	1/4 oz., 70c	.35	2.40
Statice Latifolia. Blue. Fine for winter bouquets, 12 in. ....	.25	1.20		Repens. + Dwarf branching, pale blue. ....	.50		
Caspia. Large, lilac, 30 in.	1/4 oz., \$1.30	.50	5.00	Perennial Species. Mixed.	1/4 oz., 50c	.35	1.80
Perezii. Violet blue, 30 in. ....	.35	1.60		Viola Bosniaca. + Free-blooming, small deep purple flowers, 4 in. summer.	1/4 oz., 50c	.25	1.40
Tatarica. Pink, 18 in. ....	.15	.80		Cornuta, + Papilio. Blue and white, 6 in.	1/4 oz., 50c	.25	1.80
Stokesia Cyanea (Stokes' Aster). Sky-blue, 16 in. ....	.35	2.20		Thuringia. Dark blue, white eye.	1/4 oz., 60c	.35	2.00
Cyanea Alba. White. ....	.50	4.00		Vaughan's Improved Scotch. Blotched hybrids.	1/4 oz., 50c	.35	1.80
Mixed. ....	.35	1.40		Puck, new. The 2 upper petals are clear purple-violet, the 3 lower golden yellow. ....	.35		
Sweet William. See Dianthus Barbatius.				Jersey Gem. Blue. ....	.35		
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage and masses of pure white flowers, 40 in. ....	.25	1.80		White Perfection. White.	1/4 oz., 50c	.35	1.80
Adiantifolium. Leaves resemble those of maiden hair ferns, flowers yellow, 18 in.	1/4 oz., 50c	.25	1.80	Lutea Splendens. Golden yellow.	1/4 oz., 50c	.35	1.80
Dipterocarpum. Rosy purple, 4 to 5 ft. August-September. Very graceful plumes of rosy purple flowers and conspicuous yellow anthers.	1/4 oz., 70c	.35	2.40	Blue Perfection. Light blue.	1/4 oz., 50c	.35	1.80
Flavum. Yellow, 4 ft. ....	.15	.60		Mauve Queen.	1/4 oz., 50c	.35	1.80
Glaucum. Fine cut glaucous foliage. Bronze-yellow flowers in June, 4 ft. ....	.15	.60		Admiration. Large dark blue.	1/4 oz., 50c	.35	1.80
Thermopsis Caroliniana. A fine yellow perennial.				Black Prince.	1/4 oz., 50c	.35	1.80
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant) ..	.35	2.20		Rosea.	1/8 oz., 50c	.35	3.20
Hybrida, Perpetual-Flowering. ....	.25	1.00		Mixed. ....	.25	1.20	
Tuckii. Sometimes called May Queen. Flowers dark rose and creamy yellow. ....	.25	1.20		G. Wermig. + Rich violet-blue, 8 in. summer.	1/16 oz., \$1.50	.50	18.00
Express. Early-flowering, yellow. ....	.25	1.20		G. Wermig Alba. + White, 8 in. summer. ....	.35	2.20	
Mirabilis. Yellow, blooms first year.	1/4 oz., 75c	.35	2.60	Gracilis, Lord Nelson. + Glowing violet-purple, 6 in. ....	.50		
Trollius Ledebourii. Orange-yellow, 20 in.	1/4 oz., \$1.35	.50	5.00				
□ Mixed.	1/4 oz., \$1.20	.50	4.00	Wahlenbergia. See Platycodon.			
Tunica + Saxifraga. Lilac-rose, 10 in. May. ....	.15	.60		Wallflower. Double Tall Branching. Mixed, 24 in.	1/4 oz., 50c	.35	1.80
Valeriana Alba (Garden Heliotrope). 36 in. ....	.15	.60		Single mixed. ....	.10	.40	
Rubra (Coccinea). 36 in. ....	.15	.60		Early Wonder. Annual Double Wallflower. New.	1-16 oz., \$1.00	.50	
Officinalis. Produces showy heads of rose-tinted white flowers during June-July with delicious strong heliotrope odor, 3 to 4 ft.	1/4 oz., 50c	.25	1.60	Parisian Forcing, mixed, 15 in. ....	.15	.60	
				Wistaria Sinensis. Violet. ....	.10	.20	
				Sinensis Alba. White. ....	.10	.40	
				Yucca Filamentosa (Adam's Needle). ....	.15	.50	
				Glauca Angustifolia. Foliage narrow and glaucous green, 3 ft. June-July. ....	.15	.60	

Rock Plants are followed by + and the heights given are of the plants when in bloom.



CAMPANULA (Canterbury Bell)



DELPHINIUM—Wrexham



DIELYTRA (Bleeding Heart)

Hardy Perennial Plants

All Perennials are furnished in strong pot plants or divided field clumps.

Less than 25 of a variety add 4c per plant, 25 at the hundred rates.

If wanted by PARCEL POST, 3 plants weigh about 2 lbs.; 6 plants, 3 to 4 lbs.; dozen 6 to 7 lbs. 250 plants of a kind and more are sold at a lower rate. Ask for Prices.

PLANTS FOR ROCK GARDENS

The sign + is placed before varieties especially suited for use in rock gardens.

	Per 100
ACHILLEA Ptarmica, The Pearl. White.....	\$10.00
ACONITUM Fischeri. 4 ft. September. Large porcelain-blue flowers..	15.00
Sparks Variety. Tall branched spikes covered with deep blue Monks- hood flowers.....	15.00
Wilsonii. 5-6 ft. September. Violet-blue flowers.....	15.00
AGROSTEMMA Coronaria Atrorubra. Stout erect-growing plant with silvery foliage and rosy crimson flowers.....	10.00
+ALYSSUM Saxatile Compactum. Masses of bright yellow flowers 1 ft. high in early spring.....	10.00
ANCHUSA Italica, Dropmore Variety. 5-ft. June-July. Beautiful gentian-blue flowers.....	12.00
ANTHEMIS Kelwayi. Golden yellow.....	10.00
AQUILEGIA Canadensis. Scarlet and yellow.....	10.00
Chrysantha. Golden yellow, 3 ft.....	10.00
Coerulea. 1-2 ft. Rocky mountain columbine. Deep blue sepals. Petals white.....	12.00
Long-Spurred Mixed Shades. Beautiful sort, long stems.....	12.00
Mrs. Scott Elliott. The best hybrid. Wonderful blend of all colors.....	12.00
Rose Queen. A long-spurred variety with rose-colored flowers and spurs, and a white or creamy center. There is some variation in shades.....	15.00
+ARABIS Alpina (Alpine Rock-Cress). White, sweet-scented.....	10.00
ARTEMISIA Lactiflora. Stems 3½-4½ ft. high, elegantly cut dark green foliage, and creamy white Spiraea-like flowers.....	10.00
ASCLEPIAS Tuberosa. Brilliant orange flowers.....	10.00
ASTER Alpinus. 3-10 in. Bluish purple flowers with yellow centers in May and June.....	12.00
+Alpinus Alba. White form of the above.....	12.00
Barr's Pink. 2½ ft. Medium rose-pink with very large florets. Glossy foliage.....	10.00
+Subcoeruleus. 12-15 in. Light bluish violet flowers 3 in. across in June and July.....	12.00
Novibelgi. "Climax." A new distinct large-flowered lavender-blue. September-October.....	10.00
Novibelgi. "Climax White." A pure white.....	10.00
Novibelgi. Cloudy Blue.....	8.00
Novibelgi Wells. White.....	8.00
+BELLIS Perennis. Double pink.....	10.00
BOLTONIA Asteroides. White, 4 ft.....	10.00
Latisquama. Delicate pink.....	10.00
BUDDLEIA Variabilis (Summer Lilac). Long racemes of lilac-like flow- ers all summer.....	\$85.00 per 1000
CAMPANULA Calycanthema (Cup-and-Saucer). Choice all colors, blooming in the spring. Blue, Pink, White and Mixed.....	10.00
+Carpatica Blue. (Carpathian Hare Bell). In bloom the whole sea- son; color clear blue; grows 6 in. high.....	10.00
+Carpatica Alba. The white-flowered form of the above.....	10.00
Medium (Canterbury Bells.) Rich shades and large flowers. Plants 3 ft. high, blooming in the spring. Blue, Pink, White, and Mixed.....	10.00
Persicifolia Alba. White-flowered Peach Bells.....	10.00
Blue (Peach Bell). Undoubtedly one of the finest of the hardy Bell- flowers; grows 2 to 3 ft. high, with large blue flowers.....	10.00
Mixed.....	10.00
+Rotundifolia. 6-12 in. Bluebells of Scotland, June to August. One of the prettiest plants for the rockery.....	12.00
Trachelium. One of the hardiest. Sturdy hairy plant with light purple somewhat drooping flowers.....	10.00

	Per 100
CARNATION Grenadin. Hardy Border Double. A good hardy strain for outdoor culture producing a mass of semi-double flowers in great profusion. About 18 inches tall. Red, Pink, White, Mixed.....	\$10.00
CEPHALARIA Alpina. 5 ft. June and July. Like a giant yellow Scabiosa	10.00
+CERASTIUM Tomentosum. Snow in summer. 4 in. Silvery white foliage, snow-white flowers.....	10.00
CHELONE Lyoni. Pink turtle head. Purplish red flowers.....	10.00
CHIVES. Used for its onion-like flavor.....	6.00
CHRYSANTHEMUM Arcticum. (The Arctic Daisy.) Dark-green foliage. Daisy-like flowers late in the fall.....	10.00
Leucanthemum Fl. Pl. (Double White Shasta Daisy.) Flowers double, pure white, of medium size, excellent for cutting. Each plant produces from 30 to 50 flowers. Perfectly hardy without any protection	12.00
COREOPSIS Lanceolata. Deep yellow, 2 ft.....	10.00
DAISY Shasta, Alaska. Pure white, 12-18 in.....	10.00
Hartje and Elder Daisy. Absolutely hardy and winter-proof. Blooms for Decoration Day and later. Flowers 3-3½ in. across. There are two varieties, Early and Late. The late one blooms about two weeks later than the early one. This Daisy will not come true from seed. Strong plants.....	10.00
DELPHINIUM Belladonna. Sky-blue.....	10.00
Bellamosum. Dark blue.....	10.00
Blackmore and Langdon. One of the best strains of Hybrid del- phinium. 3-5 ft. 1 year plants.....	12.00
Formosum. Deep blue, 3 ft. 1-year.....	10.00
Indigo. Pure Indigo-blue. 1-year plants.....	12.00
Summer Cloud. Flowers are pure white.....	15.00
Wrexham. Hollyhock Delphinium. A new race. Extra long spire-like spike. Indescribably rich and varied coloring. Remarkably long- flowering period.....	20.00
DIANTHUS	
Allwoodii. (Hardy Pinks.) They are perfectly hardy and flower con- tinuously from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of hardy Pinks.	
Harold. A Splendid large double pure white of very symmetrical form and great substance.....	12.00
Jean. Pure white, a deep violet-crimson center; a distinct, handsome flower.....	12.00
Mary. Pale rose-pink with light maroon center.....	12.00
Robert. A delicate shade of old rose with light maroon center.....	12.00
Barbatus. (Sweet William):	
Pink Beauty (Newport Pink) True grown from cuttings.....	10.00
White, Single.....	10.00
Vaughan's Special Mixture of Sweet William.....	10.00
+Caesius Grandiflorus. A compact cushion of glaucous leaves. The rose-colored flowers are produced in May on stems 4-10 in. high.....	10.00
Dentosus Hybridus. A red Siberian variety flowering in July.....	10.00
Plumaris Cyclops. Red shades very fragrant.....	10.00
Mrs. Sinkins-large double white.....	10.00
Nanus Fl. Pl. mixed, double dwarf mixed.....	10.00
Vaughan's Special Mixed. A grand selection of all types.....	10.00
DIELYTRA SPECTABILIS (Bleeding Heart).....	35.00
DIGITALIS Ambigua Grandiflora. Yellow: the hardy perennial Foxglove.....	10.00
The Shirley Hybrids. The finest obtainable in choicest mixed colors..	12.00
ECHINACEA Pupurea. 3-4 ft. Large daisy-like rosey purple blooms with a metallic blue central disk. July and August.....	10.00



PHYSOSTEGIA—Vivid



DIANTHUS BARBATUS—Sweet William



PYRETHRUM—Roseum

Hardy Perennial Plants—(Continued)

	Per 100
ECHINOPS Ritro (Globe Thistle). 3-5 ft. Deep metallic blue globular heads. Can be dried for winter bouquets.....	\$10.00
ERIGERON Speciosus. Very Hardy. Lavender-Blue.....	12.00
EUPATORIUM Ageratoides. Fine white flower; 3-3½ ft. tall. Fall bloomer.....	10.00
Coelestinum. Light blue flowers similar to ageratum.....	10.00
Purpureum (Joe Pye Weed). 6-7 ft. July-September. Pink flower, purple stalked. Good for bold effects in border or against shrubbery..	10.00
FUNKIA Lanceolata. Dark blue 1 ft.....	10.00
Variegata. Variegated foliage; blue flowers.....	15.00
GAILLARDIA Grandiflora. Light yellow, red center.....	10.00
New Hybrids. The best strain many colors.....	10.00
GEUM Lady Stratheden. New double rich golden yellow.....	15.00
Mrs. Bradshaw. Very large double scarlet.....	10.00
GYPSOPHILA Bristol Fairy and Ehrli. The new double perennial gypsophilas that are the best introductions of recent years for retail florist to use as a cut-flower, fresh or dry. Strong grafted plants.....	50.00
Paniculata, Single, white.....	10.00
+Repens. Dwarf white Baby's Breath.....	10.00
HELENIUM Hoopseii. Rich orange-yellow.....	10.00
Riverton Beauty. Rich lemon-yellow, with a large purplish black cone; 4 ft.....	15.00
Riverton Gem. Wallflower-red, August to October.....	15.00
+HELIANTHEMUM Mutabile. Rock Rose. Evergreen low-growing, covered with bloom during July and August. Rose changing to Lilac and white.....	15.00
HELIANTHUS Multiflorus Fl. Pl. (Dahlia Sunflower).....	15.00
Mollis. 4-5 ft. Hardy Perennial Sunflower.....	10.00
HEMEROCALLIS (Day Lily). Aureole. Golden yellow. Flowers in May and June, 3 ft. tall.....	10.00
Citriana. Large flowers of lemon-yellow; very fragrant. 3 ft. tall.....	10.00
Dr. Regel. Rich orange-yellow. Flowers in May. 1½ ft. tall.....	10.00
Flava. Pale yellow.....	8.00
Fulva Kwanso Fl. Pl. Double orange.....	10.00
Hybrida Sovereign. Dark orange. Flowers in June. 2 3 ft. high.....	10.00
HEUCHERA Brizoides. Rose color.....	15.00
New Hybrids. A wonderful selection in many colors and types.....	15.00
Sanguinea. Long stems with large crimson-scarlet flowers.....	15.00
HIBISCUS. Mallow Marvels. White, Pink, Red and Mixed.....	10.00
HOLLYHOCK Double White, Pink, Yellow, Maroon and Red.....	10.00
Single White, Pink, Yellow, Rose and Red.....	10.00
Mixed.....	10.00
HYPERICUM Moserianum (St. John's Wort). 3 ft. A splendid new shrub-like plant with golden yellow flowers.....	15.00
+IBERIS Semivirens. Hardy Perennial Candytuft.....	10.00
LATHYRUS Latifolius. Perennial Sweet Pea. Pink, Red, White and mixed.....	10.00
LAUNDULA Vera, True Lavender.....	10.00
LIATRIS Pycnostachya. Flowers purple, in dense spikes, which bloom a long time.....	10.00
Spicata (Button Snakeroot). Spikes 6 to 15 inches long; flower purple.....	10.00
LINUM Perenne. A desirable plant for the border or rocky, growing 1½ ft. high, with light graceful foliage and large blue flowers all summer.....	10.00
LUPINES. Blue and Pink.....	10.00
Regal, Harkness, Morheimi and mixed Hybrids.....	15.00
LYCHNIS Chalcedonica. Scarlet.....	10.00
+LYSIMACHIA Nummularia. Creeping Jenny; money wort. A creeper with yellow flowers in June and July.....	10.00

	Per 100
LYTHRUM Roseum Superbum. A remarkable free-blooming variety. Long spikes of rosy pink flowers. Specially good for bog gardens.....	\$10.00
+MAZUS Reptans. 4-in. One of the finest and most interesting ground covers for the rock garden. Orange-throated Lilac flowers.....	15.00
MERTENSIA Virginica. Blue Bells. Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May and June.....	10.00
MINT. The spearmint used for flavoring.....	8.00
MONARDA Didyma. Terminal heads of rich scarlet flowers emitting a very pleasant fragrance.....	8.00
Fistulosa. Flowers crimson or rosy red.....	8.00
Fistulosa Alba.....	8.00
Rosea. 3 in., bright rose-pink.....	8.00
MYOSOTIS Palustris. Forget-me-not.....	10.00
NEPETA Mussini. Dwarf pale blue.....	10.00
OENOTHERA Youngii. Lemon-yellow flowers. A stocky grower.....	10.00
PACHYSANDRA Terminalis. A low evergreen, broad-leaved, ground cover. Thrives in the shade where grass cannot be grown.....	8.00
PAPAVER Orientale. Royal Scarlet.....	10.00
Mrs. Perry. Orange-apricot.....	15.00
PENTSTEMON Digitalis. White flowers with purple throats on long spikes.....	10.00
Coccineus. Scarlet.....	10.00
PHYSALIS Franchetii. Bright orange-scarlet lantern-like fruit which, when cut, will last all winter.....	8.00
PHYSOSTEGIA Alba. Stately spikes 2 to 3 ft. tall, in August and September.....	10.00
Vivid Grandiflora. Deep pink. 2 ft.....	15.00
PLATYCODON Grandiflorum. 1-2 ft. Chinese Balloon flower. Blue and White.....	12.00
+POLEMONIUM Reptans. 8 in. Showy blue flowers. Dwarf, compact and about 10 in. tall.....	10.00
+Richardsoni. 18 in. Sky-blue flower with yellow eye. May to Sept.....	12.00
+POTENTILLA Miss Willmott. Strawberry-like foliage. 10 in., trailing. Salmon-pink flowers.....	12.00
+PRIMULA Grandiflora. Hybrids. Shades of Lilac, violet, purple with a wide range of buff, orange, salmon, and rich reds.....	12.90
PYRETHRUM Roseum. Single. Mixed.....	10.00
Uliginosum. Daisy-like flower.....	10.00
Mixed. A fine strain of many colors, single and double.....	10.00
RANUNCULUS. Acris Fl. Pl. True double Buttercup.....	10.00
RUDBECKIA Golden Glow. Yellow.....	10.00
Compacta. Dwarf compact grower with medium-size flower. Golden yellow.....	10.00
SALVIA Azurea. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 3 to 4 ft.....	15.00
Officialis. (Common Sage).....	6.00
Pitcheri. Rich gentian-blue, 3-4 ft. high, much branched.....	15.00
+SAPONARIA Ocyroides Splendens. Clouds of pink flowers.....	10.00
SCABIOSA Caucasica. 18 in. Pincushions flower. Blue.....	10.00
+SEDUM Acre. Bright yellow golden moss.....	10.00
+Brilliant. Bright scarlet.....	10.00
Rubrum. Brilliant red.....	10.00
Spectabile. Large heads of pink flowers. 18 in. high.....	10.00
Sieboldii. Foliage changes from blue to cream and then to coral-rose. Flowers rose-pink. Height, 9 in.....	10.00
Stoloniferum Trailing. Bronze foliage. Purple-pink flowers.....	12.00
SIDALCEA Rose Queen. Rose-pink flowers.....	10.00
SOLIDAGO Canadensis. Masses of golden yellow flowers. 4-5 ft. July and September.....	8.00

Hardy Perennial Plants—(Continued) Per 100

SPIRAEA Filipendula, fl. pl. (Dropwort.) Double white.....	\$15.00
STATICE Latifolia. Lavender. Dry for winter bouquets.....	10.00
STOKESIA Cyanea. 18-24 in. high with centaurea-like flowers from early July until frost. Mixed.....	10.00
TARRAGON True. Used for cooking purpose.....	10.00
THALICTRUM Adiantifolium. Finely cut maidenhair-like foliage, with light plumes of small whitish flowers.....	10.00
Flavum. Yellow flowers.....	10.00
Glaucum. Fine cut glaucous foliage. Bronze-yellow flowers in June. 2 ft.	10.00
TRADESCANTIA Virginia. Blue flowers.....	10.00
TRILLIUM Grandiflorum. White.....	8.00
TRITOMA Pfitzeri. (Red-Hot Poker Plant.).....	15.00
VERONICA Amethystina. Royal blue, 4-6 in. June and July.....	10.00
Spicata. Long violet-blue spikes in June and July. 18 in.....	10.00
VINCA Minor. A trailing, evergreen plant, used for carpeting the ground under shrubs, trees or on graves; too shady for grass or other plants to thrive.....	8.00
VIOLA Jersey Gem (New). Short, bushy growth, blooming throughout the summer, having flowers of a rich, pure violet. Long stems make it a good cut-flower variety.....	15.00
Mixed all colors.....	12.00
YUCCA Filamentosa. White, 2 year.....	10.00
3-year.....	15.00

Hardy Ferns

ADIANTUM Pedatum (Hardy Maidenhair).....	15.00
ASPIDIUM Spinulosum (Wood Fern).....	15.00
ASPLENIUM Filix-foemina (Lady Fern).....	15.00
ONOCLEA Struthiopteris (Ostrich Fern).....	18.00
OSMUNDA Claytoniana (Flowering Fern).....	18.00

Hardy Phlox

BARON VON DEDEM. Brilliant orange-scarlet with immense trusses and individual flowers.....	15.00
BEACON. A very fine brilliant bright cherry-red.....	12.00
B. COMTE. Rich satiny amaranth.....	12.00
BRIDESMAID. Pure white with large crimson-carmine eye.....	10.00
CHAMPS ELYSEES. Dark purple with very large trusses.....	15.00
ECLAIREUR. Brilliant rosy magenta with large lighter halo.....	10.00
ELIZABETH CAMPBELL. Bright salmon-pink with lighter shading and dark red eye; one of the handsomest and most attractive.....	20.00
EUROPA. White, distinct carmine eye, large flower.....	18.00
JULES SANDEAU. Dwarf; very large-flowering; pure pink. One of the finest.....	20.00
LA VAGUE. Pure Mauve with aniline red eye.....	10.00
MISS LASSBURG. The purest snow-white in cultivation. Extra fine large open truss, ideal as a cut-flower.....	10.00
MISS LINGARD. (Suffruticosa.) Pure white; the earliest of all. Blooms all summer. Good for cut-flowers.....	10.00
OBERGARTNER WITTIG. Enormous heads of large lilac-rose flowers with a lighter circle around a crimson eye. Branching and very free-flowering.....	20.00
PROF. VIRCHOW. Bright carmine overlaid with vivid orange-scarlet.....	15.00
RHEINLANDER. A new variety of great beauty, a rare shade of salmon-pink intensified by a distinct claret-red eye. Flowers and truss of unusual size.....	15.00
RHYNSTROM. Beautiful rosy pink color not unlike that of Paul Neyron rose. A good strong grower and very free-flowering.....	15.00
RIVERTON JEWEL. A lovely mauve-rose with a brilliant carmine-red eye.....	15.00



HARDY PHLOX

HARDY PHLOX—(Continued) Per 100	
R. P. STRUTHERS. Rosy carmine with claret eye. Very bright.....	\$15.00
SALMON QUEEN. A true, clear, salmon-pink of large size. One of the most vigorous and robust growers.....	20.00
SIEBOLD. Orange-scarlet with crimson center.....	10.00
SIR EDWIN LANDSIER. A good light red slightly tinged with rose.....	15.00
THOR. A splendid variety of a lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow.....	15.00
WANADIS. Lilac with violet eye.....	10.00
WIDAR. Violet-blue with a pure white eye. Fine large flowers. Rather dwarf.....	15.00
MIXED. Varieties with labels lost. Some very good stock.....	8.00

DWARF and ALPINE PHLOX—Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for the front of borders and over graves.

Per 100	
Divaricata Canadensis. Large fragrant lavender flowers.....	\$10.00
Subulata Alba. Pure white.....	10.00
Rosea. Rose pink.....	10.00

Vaughan's Peonies

5 of a Kind at the Ten Rate
25 of a Kind at the 100 Rate

Since September is the best time to plant these, we have put only a few varieties in storage and can only supply them in divisions of from 2 to 5 eyes, while the stock lasts.

WHITE AND LIGHT SORTS

	Each	10	100
9.0 Baroness Schroeder. Rose type; late. White with shadings of flesh.....	\$0.75	\$6.00	\$50.00
8.1 Duchess de Nemours. (Calot.) Sulphur-white with greenish reflex, cup-shape. Excellent cut-flower variety.....	.35	2.50	20.00
9.3 Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals.....	.35	2.50	20.00
7.5 La Tulipe. Delicate blush-white, shading to ivory-white with red tulip markings on the outside of guard petals; semi-rose type; fragrant.....	.35	3.00	20.00
8.4 Mont Blanc. Very large, compact rose type; Milk-white with rose-tinted center. Fragrant. Early mid-season.....	.35	3.00	20.00
8.9 Mme. Emile Lemoine. As this flower opens it has the cream-and-blush tinting of an oriental pearl, exquisite and delicate. The blossoms are very large. Midseason.....	.75	6.50	50.00

LIGHT AND DARK PINK AND ROSE

7.7 Dorchester. Creamy flesh-color, tinged with pink.....	.35	3.00	20.00
7.6 Edulis Superba. Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day.....	.35	2.50	20.00
Kohinoor. Shell-pink, very free, splendid cut-flower; late midseason.....	.35	2.50	20.00
7.9 Mad. Ducl. Light rose, silver reflex. Resembles Mons. Jules Elie.....	.50	4.50	35.00
8.4 Marguerite Gerard. Large, compact, semi-rose developing into a crown with stamens. Very pale hydrangea-pink, fading to nearly white; late.....	.50	3.50	25.00
9.2 M. Jules Elie. The best pink.....	.75	5.50	45.00
8.2 Pierre Duchartre. Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant.....	1.00	9.00	80.00

Light and Dark Pink and Rose—Cont'd.	Each	10	100
8.7 President Taft. (Reine Hortense.) Delicate hydrangea-pink. A vigorous, strong grower and profuse bloomer; midseason.....	\$0.80	\$ 6.50	\$ 55.00
Queen Wilhelmina. Rosy pink. Full rose type; midseason.....	1.50	12.50	100.00

RED AND CRIMSON

7.1 Delachei. Violet-crimson; large, compact flower; semi-rose type. A good red peony.....	.35	3.00	25.00
8.4 Felix Crousse. Best red for florists.....	.50	4.50	40.00
8.8 Karl Rosenfield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall and free-flowering, early.....	.75	6.00	50.00
6.9 Louis Van Houtte. Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late.....	.35	3.00	25.00
7.5 Marechal Valliant (Grandiflora Rubra). Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the largest reds.....	.35	3.00	25.00
8.6 Officialis Rubra Plena. This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut-flower.....	.50	4.50	40.00
7.6 Pierre Dessert. An early, free-flowering variety, of dark crimson purple with silvery tipped petals. Flat, semi-rose type.....	.35	3.00	25.00

UN-NAMED PEONIES—Divided Roots of from 2 to 5 Eyes

	Each	10	100
Double Pink.....	\$0.25	\$2.00	\$15.00
Double Red.....	.30	2.50	20.00
Double White.....	.25	2.00	15.00
Double Mixed.....	.20	1.75	12.00

PEONIES IN CASE LOTS

For several years we have sold specially packed cases. The roots are young and each has 2 to 5 eyes. These cases contain 75 double white, 75 double pink and 50 double red, each color separate—200 roots in all. Price, per case, \$28.00. We cannot divide cases.

Greenhouse Plant Department



FANCY-LEAVED CALADIUM

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

We list on this page only a few of the many greenhouse plants. Our special lists of small plants to grow on and plants for special occasions appear from time to time. If you do not receive your copy, write for it.

ASPARAGUS Plumosus. Seedlings from flats.....	100	1000
2 1/4 -inch.....	\$ 1.50	\$ 10.00
3 -inch.....	6.00	50.00
4 -inch.....	10.00	.....
.....	18.00	.....
Sprengeri. Seedlings from flats.....	1.50	8.00
2 1/4 -inch.....	5.00	45.00
3 -inch.....	8.00	.....
4 -inch.....	15.00	.....

BOSTON FERNS

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

	Each	Doz.	100
2 1/4 -inch.....per 1000	\$65.00	.....	\$ 7.00
4 -inch.....	\$0.35	\$ 3.75	30.00
5 -inch.....	.60	6.60	50.00
6 -inch.....	.85	9.60	75.00
7 -inch.....	1.25	13.75	100.00
8 -inch.....	\$1.50 to 2.00	.....	.....
10 -inch.....	3.00 to 4.00	.....	.....

TABLE FERNS, assorted varieties. 2-inch..... 1.25 8.00

RUBBERS FIGUS *Elastica*. Delivery from April to and including August 1929.

250 Mossed Rooted Cuttings per Standard Case:
 Case lots at \$210.00 per 100..... \$52.50 per case
 Baby Cases of 50, 100, 150 and 200 at..... \$22.00 per 100

Orders taken in Multiples of 50. Not less than 50 booked on one order.

4-inch Pots, per 100.....	\$30.00
5-inch Pots, per 100.....	50.00
6-inch Pots, per 100.....	\$100.00 to \$150.00
7-inch Pots, per 100.....	150.00 to 200.00

All prices f.o.b. New Orleans, Louisiana 4-inch, 5-inch, 6-inch, and 7-inch plants shipped from the Greenhouses at Western Springs, Illinois when in stock.

CALADIUMS—Vaughan's Special Fancy-Leaved

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

Our crop is especially fine this season and we are offering superior quality bulbs. The size runs from 1 1/2-inch to 3-inch in diameter depending on the variety. Plump Dormant Bulbs.

	100	1000
Rainbow Mixed.....	\$14.00	\$125.00
Named Varieties, our selection.....	16.50	148.00
Jumbo Bulbs, rare varieties.....	18.75	173.00

Started plants from 3-inch pots at \$22.50 per 100 for the Rainbow and \$25.00 per 100 for our selection, named varieties.

CARNATION Rooted Cuttings

Our complete list of varieties with prices is now ready. Let us quote on your requirements.

During the season we grow a complete line of spring bedding plants such as Fuchsias, Begonias, Petunias, Ageratum, Snapdragon, Coleus, Asters, etc. Write for our complete list for spring planting.

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

We assume no transportation risks after delivering shipment in good order to the transportation company. 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—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.



BOSTON FERN

100 1000
 HELIOTROPE, Centefleur. Dark purple. 2 1/2 -inch..... \$6.00 \$50.00

HYDRANGEAS. One of the most popular plants for Easter, Mother's Day and Decoration Day. Our plants are grown by a specialist and are as fine as can be produced anywhere in this country.

The new list contains many of the recent American, French and German varieties offered in Rooted Cuttings and 2 1/4 -inch stock for growing on as well as standard varieties, pot grown for forcing.

If you do not receive our special list send us your requirements and we will quote.

IVY—English. 2 1/2 -inch pots..... Doz. 100 1000
 4-inch pots..... \$1.00 \$ 7.00 \$60.00
 3.00 20.00

LANTANAS, Aurora, Buttercup, Radiation, 2 1/4 in..... 6.00 55.00

DOUBLE PETUNIAS. Mixed all colors grown from cuttings.
 2 1/4 in., heavy well rooted..... 8.00 75.00

PLANTS TO GROW FOR XMAS

XMAS PEPPERS, Celestial. 2 1/2 -inch pots..... 5.00 45.00

POINSETTIAS, "Xmas Red." Ready June 1st, 2 1/2 -inch.... 10.00 90.00

HOLLYWOOD. 2 1/2 -inch..... 14.00 125.00

OAK LEAF..... 12.00 110.00

PRIMULAS. Up-to-date varieties. Grown from the finest strain of seed in the world, of which we sell large quantities to the most particular pot-plant specialists.

Obconica. 2 1/2 -inch..... 6.00 55.00

Malacoides. 2 1/4 -inch..... 6.00 55.00

SOLANUM. Christmas Cherries. Ready about April 1st.

Clevelandii. Dwarf. Compact. 2 1/2 -inch..... 5.00 45.00

VINCA—Major Variegata

VINCA—Major Variegata

R. C..... 2.50 15.00

2 1/4 -inch pots..... 5.00 45.00

3 -inch pots..... 10.00

4 -inch..... 18.00

4 -inch heavy..... 20.00

SANSEVIERIA *Laurenti*. Variegated plant especially adapted for house decoration.

The variety with the gold band around the margin of the leaf.

Doz. 100

4-inch..... \$ 8.00 \$65.00

5-inch..... 15.00

GERANIUMS

ALPHONSE RICCARD. Large brilliant scarlet trusses. 2 1/2 -inch..... 100 1000

..... \$ 7.00 \$60.00

BEAUTE POITEVINE. A favorite semi-double pink. 2 1/2 -in.. 7.00 60.00

RADIO RED..... 10.00 90.00

FIAT..... 10.00 90.00

BUCHNER. The best double white. 2 1/2 -inch..... 6.00 55.00

S. A. NUTT. Best dark crimson-scarlet bedder. 2 1/2 -inch..... 6.00 55.00

RED AND PINK BARNEY..... 7.00 65.00

VARIEGATED-LEAVED MME. SALLEROI. Green and white leaves..... 6.00 55.00

Vaughan's Seed Store:

Your Asters are the finest we have ever had in years.

AMEEL FLORAL CO., Marine City, Mich.

Vaughan's Cannas

We offer this year started canna plants, in addition to dormant roots and 3-inch pot plants. Started plants are tubers which have been well-rooted in soil. They are 10 to 12 inches tall, ready for 3-inch pots. Packed in moss, they can be shipped anywhere at a saving in carriage charges. We recommend these for florist and shipping trade. In our list of varieties will be found all varieties of proven merit, the inferior varieties being discarded each year. Dormant roots cannot be supplied after April 1. 25 at 100 rate; 250 at 1000 rate.

The Big Four

***King Humbert** 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. \$ 4.00 35.00
Started Plants 8.00 75.00
3-inch pot plants 10.00 90.00

***Yellow King Humbert** 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 4.00 35.00
Started Plants 8.00 75.00
3-inch pot plants 10.00 90.00

The President 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 4.00 32.50
Started Plants 8.00 70.00
3-inch pot plants 10.00 90.00

Hungaria 3½ feet. The Best Pink Canna. Very compact almost dwarf, and of a very luxuriant growth. Leaves bluish green, never burns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals. Color, purest La France pink, with satin sheen. Dormant Roots 7.50 60.00
Started Plants 12.50 110.00
3-inch pot plants 15.00 140.00

New and Rare Varieties

AMBASSADOR. 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... 6.00 47.00
Started Plants 12.00 100.00
3-inch pot plants 14.00 125.00

APRICOT. 4 ft. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. Dormant Roots 4.00 35.00
Started Plants 8.00 70.00
3-inch pot plants 10.00 90.00

CITY OF PORTLAND. 3½ ft. Distinct among the several really worth while pink Cannas. A deep pink which does not fade during the hot weather; a free bloomer with flowers borne well above the foliage. Dormant Roots 7.50 60.00
Started Plants 12.50 110.00
3-inch pot plants 15.00 140.00

EUREKA. 4 ft. Remarkably free flowering variety, and with its striking white flowers which first appear cream, makes a very effective show in conjunction with a good scarlet such as King Humbert. Dormant Roots 6.00 47.00
Started Plants 12.00 100.00
3-inch pot plants 14.00 125.00

KING MIDAS. 5 ft. A rich deep gamboge-yellow unadulterated, and remarkably permanent. Extra free bloom just nicely clearing the leaves in bulky self-cleaning trusses. A good deep yellow variety. Dormant Roots 6.50 55.00
Started Plants 12.00 100.00
3-inch pot plants 14.00 125.00

MRS. ALFRED F. CONARD. 4 ft. Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green. Dormant Roots 8.00 65.00
Started Plants 14.00 125.00
3-inch pot plants 16.00 150.00

***NOKOMIS.** Large vivid crimson flowers with a rich, silky sheen on the large petals. Bronze foliage. Dormant Roots 4.00 32.50
Started Plants 8.00 75.00
3-inch pot plants 10.00 90.00

ROSEA GIGANTEA. 3 to 4 ft. A magnificent showy Canna of a rose to carmine-pink shade; flower heads of immense size. Dormant Roots 7.50 60.00
Started Plants 12.00 100.00
3-inch pot plants 15.00 140.00

***STATUE OF LIBERTY.** 6 to 7 ft. Bronze foliage. Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large. Dormant Roots 4.00 32.50
Started Plants 8.00 75.00
3-inch pot plants 10.00 90.00



THE PRESIDENT
The very best red-flowered green-leaved Canna

Standard Varieties

ALLEMANIA. Outer petals scarlet with broad yellow border, inside scarlet and dark red.

AUSTRIA. Lemon-chrome-yellow dashed with scarlet. A beautiful wide open flower.

CHAS. HENDERSON. 4 ft. Bright crimson

CRIMSON BEDDER. Scarlet flowers; green foliage.

DAVID HARUM. 3½ ft. Bronze foliage, vermilion-scarlet.

FLORENCE VAUGHAN (true stock). 5 ft. Yellow, spotted crimson.

***FREDERICK BENARY.** Flowers are currant-red with an orange throat and yellow border.

GLADIATOR. Deep yellow dotted with red. Green foliage.

GOLDBIRD. Soft buttercup yellow produced in large trusses. Plant very vigorous.

KATE GRAY. A fine soft orange shaded carmine with the throat dotted yellow.

***LONG BRANCH.** Scarlet with a yellow border; green foliage.

***LOUISIANA.** 6 ft. Green foliage, large vivid scarlet.

METEOR. 5 ft. Pleasing deep crimson. A vigorous grower with very healthy foliage.

QUEEN CHARLOTTE. 4 ft. Orange-scarlet with gold band.

SHENANDOAH. Bronze leaved Mrs. Alfred Conard. The best reasonable priced salmon-pink bearing fine large trusses of beautiful waxy flowers. Sturdy and reliable.

SOUV. DE A. CROZY. 4 ft. Crimson with yellow border.

Price of each of above varieties except when noted.

Dormant Roots	Per 100	Per 1000
Started Plants	\$3.00	\$27.50
3-inch pot plants	8.00	70.00
	9.00	80.00

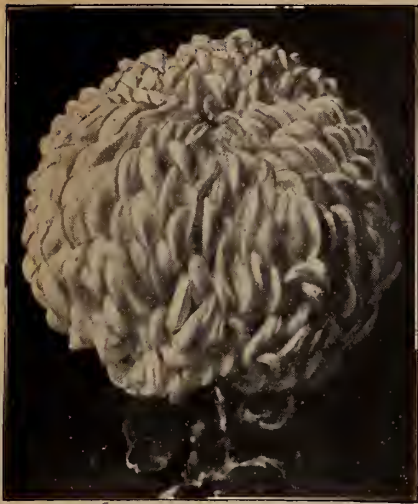
VENUS. 3½ ft. Rosy pink-mottled creamy yellow border.		
Dormant Roots	6.50	55.00
Started Plants	12.00	100.00
3-inch pot plants	14.00	125.00

*WINTZER'S COLOSSAL. 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy		
Dormant Roots	4.00	35.00
Started Plants	8.00	75.00
3-inch pot plants	10.00	90.00

*WYOMING. 7 ft. Bronze foliage, massive orange flowers.		
Dormant Roots	4.00	35.00
Started Plants	8.00	75.00
3-inch pot plants	10.00	90.00

MIXED. All kinds and colors.		
Dormant Roots	2.50	20.00
Started Plants	7.00	65.00
3-inch pot plants	8.00	75.00

*All marked * are Orchid-Flowering Varieties



COMMERCIAL TYPE GLADYS PEARSON



IMPROVED YELLOW CAPRICE



LARGE-FLOWERING OUTDOOR TYPE

Vaughan's Chrysanthemums

Chrysanthemums are becoming more popular every year. The varieties listed on this page are just a few representatives of our stock. The complete list is being mailed to our customers. If you do not receive your copy ask for it.

Hardy Chrysanthemums

- A. BARHAM. Orange-bronze. Height two feet. Early.
- BIJOU ROSE. Rose-pink. Small-flowering. Dwarf.
- BOSTON. Clear bronze. Maturing Oct. 10. Dwarf.
- CARPET OF SNOW. Pure white, pompon. Dwarf, maturing Oct. 1 to 10.
- CARRIE. Light yellow. Maturing Oct. 10. Dwarf.
- CHARLOTTE. Deep bronze. Small, matures Oct. 5.
- CRANFORD PINK. Beautiful shade of light pink.
- CRANFORD WHITE. Purest white. Very desirable.
- CRANFORD YELLOW. Bronze-yellow. Matures early.
- FIREFLY. Reddish bronze. Medium large flowers; tall; early.
- HARDY WHITE. White, rather late, but the hardiest white.
- HARDY PINK. Deep rose-pink. Large-flowering rather late, but the hardiest pink.
- LE PACTOLE. Bronze-yellow. Large-flowering. Early.
- MISS SEELEY. Light cream center, pink. Dwarf, very free-flowering, early.
- PINK HARBINGER. Rose-pink. Large-flowering.
- WINNETKA. Pure white. Early, two feet high, about Oct. 10.
- WOLVERINE. Large sprays of bright yellow blooms. Very early. Aug. 20.
- ZODA. Bright rose-pink. Dwarf, small-flowering. Early. Matures Oct. 10.
- All Hardy Rooted.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, \$8.00 1000, \$70.00

Greenhouse Varieties

Anemones

- ADENLAIR. Shell-pink with creamy cast at the center of cushion. Height three feet. Select bud about September 10. Matures November 15 to 20.
- Rooted Cuttings.....100, \$ 8.00 1000, \$75.00
- 2 1/4" Pots.....100, 10.00 1000, 90.00
- GOLDEN STATE. Self-colored yellow, large-flowered. Maturing about Nov. 1.
- Rooted Cuttings.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, 8.00 1000, 75.00
- GARZA SUPREME. The latest Anemone Pompon. White quilled ray petals with a light yellow cushion. Matures December 20 to January 20. A money maker.
- Rooted Cuttings.....100, \$12.00 1000, \$100.00
- 2 1/4" Pots.....100, 15.00 1000, 140.00
- BELLINGHAM. Delicate pink sport from Pomona, high rounded cushion which is slightly lighter in color, best when disbudded, matures November 1.
- Rooted Cuttings.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, 8.00 1000, 75.00
- POMONA. White ray petals with a cream-yellow centre; perfect form. Best disbudded. Matures about November 1.
- Rooted Cuttings.....100, \$4.00 1000, \$35.00
- 2 1/4" Pots.....100, 6.00 1000, 55.00
- ROSE ROYAL. Violet-rose. Matures November 15, disbud.
- Rooted Cuttings.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, 8.00 1000, 70.00
- SUNSHINE. Intense yellow. Matures from November 15 to December. Best disbudded.
- Rooted Cuttings.....100, \$5.00 1000, \$45.00
- 2 1/4" Pots.....100, 7.00 1000, 65.00

Single Flowers

- MRS. E. D. GODFREY. Pink late single.
- MRS. WM. BUCKINGHAM. Rosy pink, flat flower. Keeps well. Similar to Godfrey, but earlier.
- Single-Flowering varieties—Rooted Cuttings...100, \$4.00 1000, \$35.00
- 2 1/4" Pots.....100, 6.00 1000, 55.00

Large-Flowering

- ADRIAN'S PRIDE. Bright yellow, height four feet. Fully double from buds selected September 30. Matures November 20 to 30.
- BETSY ROSS. White, perfect incurved form. Height four feet from June planting. Date of bud, August 25. Matures about November 5.
- ENCHANTRESS. Good light pink, showy large blooms. Large-flowering. Grows to about four feet, matures October 10.
- GLADYS PEARSON. Apricot and buff. Grows to five feet from June planting. Matures November 20 to 25.
- Rooted Cuttings.....100, \$5.00 1000, \$45.00
- 2 1/4" Pots.....100, 7.00 1000, 65.00
- GOLDEN GLORY. Yellow mid-season. Height 2 1/2 feet. November 1.
- GOLDEN QUEEN. Golden yellow incurved. Height 3 feet. Matures Oct. 10.
- GOLDEN WEDDING. Bright yellow. Height five feet. Matures Sept. 10.
- Rooted Cuttings.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, 8.00 1000, 75.00

GREENHOUSE VARIETIES Large-Flowering—Continued

- JOLO. Bright red pompon maturing November 20 to 30. Best red for Thanksgiving. Height three feet. Rooted Cuttings...100, \$7.00 1000, \$65.00
- 2 1/4" Pots.....100, 9.00 1000, 80.00
- J. W. PRINCE. Dark pink. Height three feet. Matures about November 1.
- MRS. NELLIE T. ROSS. Light yellow. Height 4 1/2 feet. Late-flowering. November 30 into December. Do not reserve bud until early October.
- Rooted Cuttings.....100, \$5.00 1000, \$45.00
- 2 1/4" Pots.....100, 7.00 1000, 65.00
- SILVER SHEEN. Pure white, incurved. Height three feet. Select bud August 30 for bloom October 20.
- SMITH'S ADVANCE. White. Height 3 1/2 feet. Matures early in September from bud selected August 5.
- SUNBEAM. Bright yellow. Height 4 1/2 feet from June planting. From buds selected from September 20 to 30 matures for Thanksgiving and later.
- THANKSGIVING PINK. Dark pink. Strong grower. Select bud September 15 for Thanksgiving bloom.
- W. H. WAITE. Bright bronze, approaching crimson. Dwarf. Date of bud August 15. Rooted Cuttings.....100, \$6.00 1000, \$55.00
- 2 1/4" Pots.....100, 8.00 1000, 75.00
- OCTOBER FROST. White, early. Matures in September.
- Except where noted—Rooted Cuttings.....100, \$4.00 1000, \$35.00
- 2 1/4" Pots.....100, 6.00 1000, 50.00

Pompons

- BROWN BEAUTY. Bronze button or baby type, seedling from Christmas gold. Two feet high maturing in December.
- BRONZE GOLDEN FEATHER. A Bronze Lizzie Adcock. Slightly quilled outer petals with a well-filled flat center. Matures November 1.
- BUCENA. Light bronze. Two and one-half feet from June 20 planting. Blooms at Thanksgiving time and later.
- CORLINDA. Bronze, semi-dwarf. Good variety for Thanksgiving.
- CORA PECK BUHL. Deep yellow. 2 1/2 ft. Ready to cut October 25.
- ERMALINDA. Old rose with silvery sheen. Three and one-half feet high. Matures October 25.
- FIREBIRD. Bright red. Three feet high. Matures the last week in October. The best red pompon.
- GOLDEN COIN. Bright yellow and exceedingly productive. Best if disbudded. Matures December 1 and later. Considered an improved Unalga.
- ILLONA. Rosy lavender. Height medium. Matures November 10.
- JULIANA. Yellow. Height three and one-half feet. Matures Oct. 22.
- LOUISE DAVENPORT. Rich bronze. Pompon maturing November 10.
- LILLIAN DOTY. Shell-pink. Best disbudded. Matures November 1.
- MINONG. Greenish white when opening and becomes pure white when fully developed, about October 20 to 25. Height two feet.
- OURAY. Deep golden brown. Matures October 20.
- UNALGA. Bright yellow, best disbudded. 2 1/2 ft. November 20 and later.
- UNEEDA. Deep yellow with green center. Small pompon.
- YELLOW GEM. Lemon-yellow, small. Matures November 1.
- YULETIDE. Pure white. Three feet high. Matures December 5 and later.
- All above Pompons—Rooted Cuttings.....100, \$4.00 1000, \$35.00
- 2 1/4" Pot Plants.....100, 6.00 1000, 55.00

Pot Plants

- ALETTA. Very light pink, dwarf, somewhat flat in form, early, maturing October 10 to 15.
- BERNEITA. Shell-pink anemone with a perfect white cushion. Dwarf, maturing October 25. Best disbudded.
- BENOIT. Deep old rose-cerise tinged, fifteen inches from the pots. Large flowers maturing October 20 to 25, best when disbudded.
- BUTLER'S CAPRICE. Deep pink, sport of Caprice du Printemps. Dwarf, large-flowered.
- DOTSON. (Introduced 1925.) Old rose with reflexed petals. Dwarf, with small dahlia-like button blooms. Matures October 20.
- IMPROVED YELLOW CAPRICE. Clear yellow pompon, dwarf habit. One of the best varieties for pots.
- KATHLEEN THOMPSON. A fine large-flowered crimson. Dwarf.
- LILAC CAPRICE. Deep lilac, large-flowered. Dwarf.
- MRS. H. CRANE. Brilliant mahogany pompon. Matures October 15.
- PATTY. Shell-pink, Japanese. Dwarf, good for late pot plants.
- PURPLE CAPRICE. Purple, caprice type. Dwarf.
- WHITE CAPRICE. White pompon, dwarf.
- ZETHA. Light bronze, dwarf, anemone. Flowers the size of Caprice, maturing November 25.
- All Pot Plants—Rooted Cuttings.....100, \$7.00 1000, \$60.00
- 2 1/4" Pot Plants.....100, 9.00 1000, 80.00

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, send us your list and we will quote on such varieties as we can supply.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

Cactus Varieties

	Doz.	100
ATTRACTION. Very large, perfect and full flowers of a clear lilac-rose color; producing fine flower stems.	\$2.00	\$15.00
AURORA. Delicate reddish apricot suffused with flesh-pink shading lighter towards the tips of the petals.	1.50	10.00
BEATRICE. An extremely large flower, one of our best, color true lilac.	1.50	10.00
BIANCA. Lilac-rose, very free-flowering and a wonderful variety for cut-flowers.	3.00	.....
COUNTESS OF LONSDALE. A delicate apricot, shading towards the edges of the petals to carmine-pink. Good stem and free and early-flowering.	1.75	12.00
DADDY BUTLER. Rosy carmine reverse of petals lighter. Large, free-bloomer on stiff stems.	4.50	.....
ETENDARD DE LYON. One of the best of the Cactus type. Broad, wavy petals of a color between a rich carmine-rose and royal-purple.	2.00	15.00
ESTHER HUNT. A vivid orange-colored flower which makes a striking display. The blooms are composed of long well-rolled petals serrated at the tips.	4.50	.....
F. W. FELLOWS. Flowers of immense size composed of numerous long narrow incurved petals of a lively orange-scarlet.	2.50	18.00
FRANCIS LOBDELL. Mallow-pink with white center. A profuse bloomer on rigid stem.	3.00	20.00
GLADYS BATES. Very large perfect flowers, with incurved petals of a golden salmon the reverse of the petals rose, the two colors giving the effect of a golden old rose.	3.00	.....
ISLEM PATROL. A velvety crimson-scarlet tipped and flushed with pure gold. Perfect shape and good stem.	7.50	.....
J. H. JACKSON. A perfect, gorgeous, deep velvety blackish maroon. Gigantic in size. Every Dahlia lover should grow this variety.	1.75	12.00
J. W. LEE. Yellow suffused scarlet. One of the best from the Pacific coast. Large size; a free-bloomer and strong grower on good stiff stems.	6.00	.....
JEAN CHAZOT. Golden bronze with nasturtium-red suffusion. A vigorous grower and profuse bloomer.	4.50	30.00
JERSEYS RADIANT. A radiant Dahlia of bittersweet orange, produced on long stiff stems.	9.00	.....
KALIF. Pure scarlet. A true majestic flower frequently measuring 8 to 10 inches in diameter; strong grower.	3.00	20.00
MRS. ETHEL F. F. SMITH. Creamy white, shading to a lemon tint at the center. Immense flowers produced freely on long stiff stems.	2.00	15.00
MRS. H. WIRTH. A rich, glowing, intense scarlet free-bloomer.	1.25	8.00
NIBELUNGENHÖRT. Flowers composed of rather broad, more or less curled, and twisted petals of a beautiful shade of old rose with golden apricot suffusion. Strong, vigorous grower and stiff, long stems.	3.00	20.00
RHEINISCHER FROHSINN. Rich crimson-carmine white at base of petals distinct and striking. Strong grower and profuse bloomer.	1.25	8.00
SUNSET GLOW. The color is yellow at base of petal, outer part overlaid flame-scarlet, tipped yellow. The plant is one of the very first to bloom, of medium height, 3 to 4 feet, and branching habit. . . . .	.85	6.00
WASHINGTON CITY. Snow-white of beautiful form and borne on long stems. The flowers are very large.	3.00	20.00
YELLOW KING. An unusually large flower of pure yellow, very rich in color; freely produced on long stiff stems; ideal for cutting.	1.50	10.00

Decorative

AGNES HAVILAND. A variety of large size and perfect form; color, a pleasing rosy mauve-pink.	4.50	.....
ALEX WALDIE. Creamy ground overlaid with delicate salmon pink. Splendid form with good stem.	3.00	.....
CATHERINE WILCOX. White points of petals tipped cerise.	4.50	.....
CHAMPAGNE. A golden champagne with chamoise shadings. Fine habit of growth, good stem and freedom of flowering.	7.50	50.00
CHARM. A much admired free-flowering variety on long, stout, wiry stems, a most pleasing combination of burnt orange shading to yellow.	2.50	18.00
DAVID HARUM. Bright orange-scarlet with deep crimson shadings. Large flat flowers measuring 6 to 7 inches across. Thick, wide petals, full to the center. . . . .	.85	6.00
DAKOTA. Bright, coppery flame. Large flowers, held upright on stiff stem. A strong, vigorous grower.	1.50	10.00
HENRY PATRICK. A pure waxy white, blooms very freely, flowers 5 to 7 inches in diameter. . . . .	.85	6.00
HOCHSAI. A soft scarlet, tinted lighter at tips. Flowers borne on stiff stems.	2.50	18.00
INSULINDE. This is a giant Dahlia, borne on long stems well above the foliage. Is a rich orange and bronze.	3.50	25.00
JACK'S DISCOVERY. White mottled with violet-rose. Flowers of medium size, borne on stiff stems.	1.50	10.00
JACK ROSE. A rich velvety crimson. . . . .	.65	6.00
JERSEY'S BEAUTY. This is the finest true pink Dahlia produced, not a shade of lavender, but a clear pink supported on long, stiff, straight stems. It is early and free-flowering continuing perfect to the end of the season. As a cut-flower it is one of the best keepers and is equally valuable for the garden.	5.00	35.00

	Doz.	100
DECORATIVE—Continued		
JERSEY'S KING. Begonia-rose. Flowers very large and broad petaled; stems very stiff; very robust grower and free-bloomer.	\$4.50	.....
JESSIE K. PRESCOTT. A deep orange at the center gradually shading to a creamy orange on the rows of outer petals. Good stem and free-bloomer.	6.00	.....
JUDGE MAREAU. A perfect wonder in color. The combination of colors almost indescribable. A salmon-pink, orange, yellow and pure gold. Good stems and a free early-bloomer.	5.00	\$35.00
KING OF AUTUMN. An entirely new shade of buff-yellow suffused with orange.	1.50	10.00
KITTY DUNLAP. A pleasing shade of carmine-rose similar to the American Beauty shade, a good keeper.	4.50	.....
MINA BURGLE. Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet.	1.75	12.00
MR. CRAWLEY. A plant of dwarf habit, having blooms of a glowing salmon-pink with yellow at the base of petals.	3.00	20.00
MRS. C. H. DRESSELHUIS. A soft rose-pink with white suffusion towards the tips. One of the most prolific bloomers of medium size supported on very long stiff stems.	2.00	15.00
MRS. CARL SALSBACK. A strong, vigorous grower, color a lively shade of solferino-pink with white suffusion which intensifies its color.	4.50	.....
MRS. IDE VER WARNER. Large perfect flowers of a charming color; a deep mauve-pink on stout stems. A good grower and free-bloomer. Can be grown to a diameter of 11 inches. One of the best Dahlias in cultivation.	3.50	25.00
PATRICK O'MARA. The color is an unusually soft and pleasing shade of orange-buff slightly tinged with beautiful deep rose color. It is very large, 7 to 9 inches in diameter.	2.00	15.00
PIONEER. A rich mahogany-red of a darker shade of exhibition size on very long stems.	4.50	.....
REVE D'AMOUR. Petals irregular, making a pretty flower of large size of a pleasing crimson-pink with salmon suffusion; good stems; very free-flowering. . . . .	.85	6.00
ROSA NELL. Deep cerise pink, of a beautiful form and large size blooms. Good stem.	3.00	20.00
SAGAMORE. Amber gold, slightly suffused with salmon-rose and orange-buff. Large and fine.	6.00	.....
SNOWDRIFT. Immense pure white. The plant is a dwarf grower of branching habit and a free-bloomer. One of the largest and best.	4.50	30.00
SYLVIA. White shading to soft pink on the outer petals. . . . .	.85	6.00
THE MILLIONAIRE. (Gold Medal Dahlia.) Most delicate lavender with faint pink cast overshadowing it. Flowers measure 6 to 9 inches.	3.00	20.00

Peony-Flowered

AVALANCHE. A splendid pure white. An early and free-bloomer.	1.50	10.00
JAN OLIESLAGERS. Deep primrose-yellow.	1.50	10.00
QUEEN WILHELMINA. Immense pure white flowers with yellow center.	1.75	12.00
TYRREL AUSTIN. Outer petals a rich carmine-red, inner petals beautifully blended and veined carmine, shades of yellow and pink.	1.50	10.00

Show and Fancy Dahlias

A. D. LIVONI. A beautiful soft pink flower with quilled petals.	1.50	10.00
DREER'S WHITE. Large pure white quilled petals. A dwarf grower with long drooping stems. A good bloomer.	1.50	10.00
D. M. MOORE. Flowers of mammoth size, produced in profusion on long stiff stems. Its color is a deep velvety maroon.	2.00	15.00
ELSIE BURGESS. The color is a delicate white ground tipped and suffused with a beautiful lavender and faint light pink. The stems are straight and stiff; a free-blooming Dahlia; very desirable for cut-flower purposes.	1.50	10.00
MAUDE ADAMS. Snowy white, overlaid clear delicate pink. Vigorous grower; one of the best.	1.75	12.00
ROBERT BROOMFIELD. Pure white, of excellent form. Highly recommended. . . . .	.85	6.00
STRADELLA. Rich deep purple-crimson; very free-flowering; long stems.	1.25	8.00

Century Dahlias

This giant-flowering type of single Dahlias are now very popular both for garden decoration and for cutting.		
The following can be supplied in tubers only:		
GOLDEN CENTURY. A rich golden yellow suffused with amber.	1.75	12.00
MAROON CENTURY. Beautiful rich maroon, large yellow center. Erect, free-flowering. . . . .	.85	6.00
PINK CENTURY. Delicate soft pink, similar to Twentieth Century and an equally profuse bloomer, the largest and finest of the set. Strong and vigorous with fern-like foliage.	1.25	8.00
SCARLET CENTURY. Brightest dazzling scarlet, golden disc. Immense flowers of fine round form, very profuse in flowering.	1.75	12.00
WHITE CENTURY. A profuse bloomer and a strong grower.	1.75	12.00

Pompon Dahlias

LITTLE HERMAN. Deep red, tipped white.	1.25	8.00
SNOWCLAD. The best pure white pompon.	1.25	8.00

Un-named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow and orange variegated; strong divisions of field roots, per 1,000, \$50.00. . . . .	.85	6.00
NAMED VARIETIES. Our selection.	1.50	10.00
Field clumps to color.	1.75	12.00

Vaughan's Roses for Florists

One of the most satisfactory ways to give your customers complete Rose bush satisfaction is to handle rose plants as follows:

Obtain our good, strong, healthy, field-grown plants during January or February. Pot them at once in 5 or 6-inch pots and keep them in cool houses or sheds that do not freeze until they are rooted. Then grow them cool until sold in April, May, or June depending on your locality.

The retail price from the store is usually \$1.00 to \$1.50 each. Your customers want plants that are in full leaf, budded, and in bloom. This kind of stock goes right ahead and gives immediate results in real flowers within a month from the time planted in your customer's garden.

No. 1 stock produces good heavy 6-inch plants.

Orders booked in multiples of 25 of a variety. Less than 25 of a variety, add 5c per plant.

All varieties listed on this page are good and reliable.

Choice Hybrid Tea Varieties

Prices of the following 2-year field-grown dormant plants: No. 1, per 100, \$45.00.

LOS ANGELES. Color a flame-pink toned with coral and shaded with translucent gold at the base of the petals. Strong grower with stems as long as an American Beauty. The flowers are as large as Paul Neyron, forming long and pointed buds; its freedom and continuance of bloom are remarkable.

PREMIER. A clear pure shade of rose-pink; deep rose-pink in cooler weather. Its freedom of bloom and quick succession of crops makes this a most productive variety.

TEMLAR. A clear even shade of red that is good both summer and winter. Has a good stem and takes pinching nicely. It is not in the big rose class, but is of good size and can be cut tight like Mme. Butterfly, for shipping. Its wonderful freedom, combined with its color and fragrance, make it a strong bidder for popular favor.

SOUVENIR DE CLAUDIUS PERNET. Color most striking sunflower-yellow, deeper in the center, without any color blending, and which is retained without fading even in the warmest weather.

SUNBURST. The color is intense orange-copper and golden yellow. Buds, long and pointed, opening full and double.

MME. BUTTERFLY. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold. A free-grower and bloomer with large, handsome foliage free from mildew.

Standard Varieties

Prices on the Standard Varieties, 2-year, field-grown dormant plants: No. 1, per 100, \$40.00.

COLUMBIA. A true pink, deepening as it opens to a glowing pink. A peculiarity of the variety is that the shades all become more intense until fully open.

GRUSS AN TEPLITZ. Brilliant red. One of the most prolific bloomers of all.

KAISERIN. One of the best white out-door roses.

KILLARNEY DOUBLE WHITE. Leading pure white, free-blooming.

LADY HILLINGDON. A beautiful coppery shade of apricot-yellow. A strong, vigorous grower and very free-flowering.

RADIANCE. Brilliant rosy carmine shaded with rich opaline-pink tints in the open flower, which is large, full, of fine form with cupped petals.

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

Polyantha and Baby Roses

Prices on the Polyanthas, 2-year, field-grown, dormant plants: No. 1, per 100, \$40.00.

BABY TAUSENDSCHOEN. Light pink fading to white. A lovely little rose, each bush forming a symmetrical bouquet.

CRIMSON BABY RAMBLER. Still a favorite. The flowers are borne in clusters of 30 to 40, and the foliage is dark, glossy and profuse.

ERNA TESCHENDORFF. Brilliant rosy crimson with flowers of good size in clusters.



CRIMSON BABY RAMBLER



ROSE PREMIER

POLYANTHA AND BABY ROSES—Continued

IDEAL. A Polyantha rose of great merit, decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well, even in the very hot weather.

MISS EDITH CAVELL. Brilliant scarlet, held right through until the flowers drop off. Of vigorous and satisfactory blooming quality.

ORLEANS. Brilliant geranium-red, suffused rose and deep cerise. Bushy habit, grows and blooms freely, florets not crowded but of beautiful arrangement.

Climbing Roses

Prices on the climbers, 2-year, field-grown, dormant plants except where noted: No. 1, per 100, \$40.00.

AMERICAN PILLAR. A single-flowering variety of great beauty. The flowers are 3 to 4 inches across. Clear pink with a white center and a cluster of yellow stamens. The immense bunches of flowers on a large well-grown plant are a sight not easily forgotten.

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely, produced in June and occasionally throughout the season.

CRIMSON RAMBLER. Scarlet-red flowers borne in sprays. Vigorous grower. One of the best for covering a trellis, porch or unsightly fence.

DR. W. VAN FLEET. A delicate shade of flesh-pink, deepening in the center.

DOROTHY PERKINS. The best of the pink ramblers.

EUGENE JACQUET. Almost every eye produces a handsome truss of fragrant, cherry-red flowers. It flowers a week earlier than Tausendschoen or Roserie. Price, No. 1, per 100, \$45.00.

EXCELSA. Deep crimson and scarlet, large full trusses.

FLOWER OF FAIRFIELD. Of the numerous varieties raised in the past years this is doubtless one of the best. Its flowers, which are produced in profusion, are of a fine crimson color.

GARDENIA. Buds yellow, creamy-white flowers with yellow centers. Vigorous grower and very hardy.

HEART OF GOLD. Flowers single, medium size, dark crimson shading to white in center, in large panicles carrying as many as seventy-five blooms. Vigorous hardy climber; profuse spring bloomer; dark green glossy foliage, mildew resistant.

MARY WALLACE. The attractive new climber originated by the late Dr. Van Fleet. Semi-double, bright clear rose-pink, salmon at base of petals.

PAUL'S SCARLET CLIMBER. This is without question the most important addition to the list of climbing roses; no other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters. It is of strong climbing habit and perfectly hardy.

ROSERIE. True cerise-pink, strong grower and good producer. A sport from Tausendschoen.

SEVEN SISTERS. Medium-large, double deep pink flowers borne in clusters. A vigorous grower and very hardy.

SILVER MOON. Large creamy buds, produced in small sprays. Plant vigorous, growing 15-20 ft. in a season. A great cover.

VEILCHENBLAU. Semi-double, purple-rose flowers. The famous Blue Rose. Early. A wonderful combination when planted with pale yellow or cream varieties.

WHITE DOROTHY. The counterpart of the Pink Dorothy Perkins, except color, being pure white.

Hardy Hybrid Perpetual Roses

Price of the following, except where noted, 2-year dormant, field-grown plants: No. 1, per 100, \$40.00.

ANNA DE DIESBACH (Glory of Paris). Beautiful carmine.

FRAU KARL DRUSCHKI (White American Beauty). The best white.

GEN. JACQUEMINOT. Bright and shining crimson.

GRUSS AN TEPLITZ. Scarlet crimson. No. 1, per 100, \$45.00; No. 2, per 100, \$35.00.

J. B. CLARK. Intense scarlet.

MAGNA CHARTA. Deep pink.

MRS. JOHN LAING. Bright, shining pink.

PAUL NEYRON. Deep rose.

PERSIAN YELLOW (Austrian Briar). Golden yellow, semi-double flowers.

ULRICH BRUNER. Cherry crimson.

Ornamental and Flowering Shrubs



VIBURNUM Carlesi



KOLKWITZIA Amabilis (Beauty Bush)

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 the continuation of East Boulevard.

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

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits trees and vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to 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
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	\$0.40	\$3.00	\$25.00
3 to 4 ft.	.50	4.00	30.00
ALMOND, Double Pink or Double White. 2 to 3 ft.	.50	4.00	30.00
3 to 4 ft.	.75	6.50	50.00
ALTHAEA Frutex (Rose of Sharon), Double Blue, Pink, Red or White. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
AMELANCHIER Canadensis. 3 to 4 ft.	.60	5.00	
AMORPHA Fruticosa. 2 to 3 ft.	.30	2.50	20.00
ARALIA Spinosa. 3 to 4 ft.	.50	4.50	
ARONIA Arbutifolia. 2 to 3 ft.	.50	4.50	
Melanocarpa Nigra. 2 to 3 ft.	.50	4.00	30.00
BERBERIS Thunbergii. 12 to 18 in., bushy 1000, \$100.00	.25	2.00	12.00
18 to 24 in., bushy 1000, 120.00	.30	2.50	15.00
2 to 2½ ft.	.40	3.00	20.00
Thunbergii Atropurpurea. 1-year, 12 to 15 in.	.50	4.50	40.00
2-year, 15 to 18 in., extra bushy	.75	6.00	55.00
Thunbergii Nana			
3-year, 12 to 18 in., extra bushy	.40	3.00	25.00
4-year, 18 to 24 in., extra bushy	.50	4.00	35.00
BUDDLEIA Davidi Magnifica. 2-year	.30	2.50	15.00
Farquhari. 2-year	.50	3.50	25.00
CALYCANTHUS Floridus. (Sweet Shrub) 18 to 24 in.	.50	4.00	35.00
CARAGANA Arborescens. 2 to 3 ft. Per 1000, \$100.00.	.25	1.80	12.00
3 to 4 ft.	.30	2.00	15.00
4 to 5 ft.	.35	3.00	25.00
CEPHALANTHUS Occidentalis. (Button Bush.) 2 to 3 ft.	.40	3.00	25.00

	Each	10	100
CHIONANTHUS Virginica. 2 to 3 ft.	\$1.00		
3 to 4 ft.	1.50		
CLETHRA Alnifolia. 18 to 24 in.	.40	\$3.50	\$30.00
CORNUS Elegantissima. 2 to 3 ft.	.50	4.00	
Mas (Gornelian Cherry). 3 to 4 ft.	.50	4.00	
Paniculata. 3 to 4 ft.	.50	4.00	30.00
2 to 3 ft.	.40	3.50	25.00
Sibirica (Siberian Dogwood). 3 to 4 ft.	.30	2.50	20.00
2 to 3 ft.	.25	2.00	15.00
Stolonifera. 3 to 4 ft.	.35	3.00	20.00
Stolonifera Flaviramea. 2 to 3 ft.	.30	2.50	20.00
3 to 4 ft.	.40	3.00	25.00
COTONEASTER Acutifolia. 2 to 3 ft.	.40	3.00	20.00
3 to 4 ft.	.45	3.50	25.00
Divaricata. 2 to 3 ft., B & B.	1.00	7.50	
4-in pots, 12 to 18 in.	.65	5.00	
Francheti. 18 to 24 in., B & B	1.00		
Horizontalis. 4-in. pots, 8 to 12-in. spread.	.75	5.00	
15 to 18 in., B & B.	1.00	7.50	
Microphylla. 4-in pots, 8 to 10 in.	1.00	7.50	
Racemiflora Soongarica. 3 to 4 ft. B & B	1.50		
CRAB, See Malus.			
CRATAEGUS.			
Coccinea. 3 to 4 ft.	.75	6.00	
Cordata. (Washington Hawthorn.) 2 to 3 ft.	.60	5.00	
Crusgalli. 2 to 3 ft.	.75		
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn.) 4 to 5 ft.	1.50		
CYDONIA Japonica. 2 to 3 ft.	.50	4.00	30.00
DAPHNE Cneorum. 8 to 10 in., B & B	1.00	8.00	



BERBERIS THUNBERGII—Japanese Barberry



HYDRANGEA Paniculata Grandiflora



FRIVET HEDGE



BECHTEL'S DOUBLE-FLOWERING CRAB

ORNAMENTAL AND FLOWERING SHRUBS—Continued

DEUTZIA	Each	10	100
Gracilis. 12 to 18 in.	\$0.40	\$3.00	\$22.00
Lemoinei. 18 to 24 in.	.35	2.50	20.00
Pride of Rochester. 3 to 4 ft.	.35	2.50	20.00
4 to 5 ft.	.40	3.50	25.00
ELEAGNUS Angustifolia (Russian Olive). 3 to 4 ft.	.40	3.50	30.00
EUONYMUS Alata (Burning Bush). 2 to 3 ft.	1.00	8.00	.....
3 to 4 ft.	1.50	12.50	.....
Europaea. 3 to 4 ft.	.50	4.50	40.00
4 to 5 ft.	.75	6.50	60.00
EXOCHORDA Grandiflora. 2 to 3 ft.	.50	4.00	35.00
FORSYTHIA Fortunei. 2 to 3 ft.	.35	3.00	25.00
Intermedia. 2 to 3 ft.	.30	2.50	18.00
3 to 4 ft.	.40	3.00	22.00
Intermedia Spectabilis. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	30.00
HALESIA Tetraptera. 2 to 3 ft.	.75	6.00	.....
HAMAMELIS Virginica (Witch Hazel). 2 to 3 ft.	.50	4.00	.....
Vernalis. 2 to 3 ft.	1.00	7.50	.....
Vernalis. 3 to 4 ft.	1.25	10.00	.....
HYDRANGEA Arborescens Grandiflora. 2-year	.35	2.50	20.00
3-year	.40	3.00	25.00
Paniculata Grandiflora. 2-year	.40	3.00	20.00
3-year	.50	4.00	30.00
Tree Form. Stem, 3 to 4 ft.	1.00	9.00	.....
KERRIA Japonica. 2 to 3 ft.	.50	4.00	.....
Japonica fl. pl. 2 to 3 ft.	.60	5.00	.....
KOLKWTZIA Amabilis. 2-year, 18 to 24 in., Extra bushy	1.25	10.00	.....
4-in. pots, 8 to 12 in.	.60	5.00	.....
LESPEDEZA Formosa. (Purple Bush Clover.) 2-yr.	.50	4.00	.....
LIGUSTRUM Amurense (Amoor Privet, North).			
2 to 3 ft., bushy	1000, \$120.00	.35	2.50 15.00
3 to 4 ft., bushy	1000, 150.00	.40	3.00 17.50
4 ft. bushy	.....	.40	3.50 20.00
18 to 24 in., 2-year transplanted	1000, 100.00	.25	2.00 12.00
Ibota. 2 to 3 ft., extra bushy	1000, 120.00	.30	2.50 15.00
3 to 4 ft.	1000, 150.00	.25	2.00 17.50
Ibodium. 2 to 3 ft.	1000, 120.00	.30	2.50 15.00
Lodense. 2-year, 12 to 15 in.	.30	2.00	15.00
Vulgaris. 2 to 3 ft.	.30	2.50	15.00
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle).			
Bella Albida. 3 to 4 ft.	1000, \$150.00	.30	2.50 20.00
4 to 5 ft.	1000, 175.00	.40	3.50 22.00
5 to 6 ft.	1000, 220.00	.45	3.50 25.00



PHILADELPHUS (Syringa) Virginal

LONICERA (Bush Honeysuckle)—Continued	Each	10	100
Korolkowi Floribunda. 18 to 24 in.	\$0.60	\$5.50	\$50.00
Morrowii. (Prostrate Type.) 3 to 4 ft. 1000, \$175.00	.30	2.50	20.00
Morrowii. (Upright Type.) 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft. (Upright Type)	.35	3.00	25.00
5 to 6 ft. (Upright Type)	.50	4.00	35.00
Ruprechtiana. 3 to 4 ft., bushy	.40	3.50	20.00
4 to 5 ft.	.45	4.00	25.00
Tatarica Alba. 3 to 4 ft.	.40	3.00	20.00
4 to 5 ft.	.45	4.00	25.00
Tatarica Rosea. 2 to 3 ft.	.30	2.50	15.00
3 to 4 ft.	1000, \$150.00	.35	3.00 20.00
4 to 5 ft.	1000, 175.00	.40	3.50 22.00
Tatarica Rubra. 3 to 4 ft.	.40	3.50	25.00
MAGNOLIA Soulangeana. 2 to 3 ft., B & B	10.00	.....	.....
3 to 4 ft., B & B	17.50	.....	.....
MAHONIA Aquifolium (Oregon Hollygrape)			
12 to 18 in. B & B	.90	7.50	.....
MALUS Atrosanguinea. 3 to 4 ft.	1.00	8.00	.....
Baccata. 3 to 4 ft.	1.00	7.50	.....
4 to 5 ft.	1.25	10.00	.....
5 to 6 ft.	1.50	12.50	.....
Coronaria. 3 to 4 ft.	1.00	7.50	65.00
4 to 5 ft.	1.25	10.00	90.00
Floribunda. 3 to 4 ft.	1.00	7.50	.....
4 to 5 ft.	1.25	10.00	.....
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab).			
3 to 4 ft.	1.00	7.50	.....
4 to 5 ft.	1.75	15.00	.....
5 ft. specimens	3.50	.....	.....
Niedzwetzkyana. 3 to 4 ft.	1.00	7.50	.....
4 to 5 ft.	1.25	10.00	.....
Sargentii. 3 to 4 ft.	1.25	10.00	.....
Single Pink. 5 to 6 ft.	1.50	12.00	.....
Spectabilis. 3 to 4 ft.	1.00	7.50	.....
4 to 5 ft.	1.25	10.00	.....
Scheideckeri. 4 to 5 ft.	1.25	10.00	.....
MORUS Tatarica (Russian Mulberry). 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.00	25.00
PHILADELPHUS Avalanche. (Syringa.) 2 to 3 ft.	.40	3.00	25.00
Banniere. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	30.00
Bouquet Blanc. 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.00	35.00
Coronarius. 3 to 4 ft.	.35	3.00	20.00
4 to 5 ft.	.40	3.50	25.00
5 to 6 ft.	.50	4.50	40.00
Coronarius Aureus. Golden. 12 to 18 in.	.50	4.50	40.00
Dame Blanche. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	35.00
Favorite. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	30.00
Glacier. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	30.00
Grandiflorus. 3 to 4 ft.	.40	3.00	20.00
4 to 5 ft.	.50	4.00	30.00
5 to 6 ft.	.60	5.00	40.00
Lemoinei. 2 to 3 ft.	.40	3.00	25.00
Manteau d'Hermine. 18 to 24 in.	.50	4.00	30.00
Mont Blanc. 2 to 3 ft.	.40	3.50	30.00
3 to 4 ft.	.50	4.50	40.00
Norma. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	30.00
Pyramidal. 2 to 3 ft.	.60	5.00	40.00
18 to 24 in.	.50	4.00	30.00
Virginal. 18 to 24 in.	.50	4.00	30.00
2 to 3 ft.	.60	4.50	35.00
3 to 4 ft.	.90	7.50	65.00
3 to 4 ft. specimens	1.25	.....	.....
PHOTINIA Villosa. 2 to 3 ft.	.50	4.50	.....
PHYSOCARPUS Opulifolius (Common Ninebark)			
3 to 4 ft.	.40	3.00	20.00
Opulifolius Aureus (Goldenleaf Ninebark). 3 to 4 ft.	.40	3.00	20.00
4 to 5 ft.	.50	4.00	30.00
POTENTILLA Fruticosa. 24 to 30 in.	.40	3.50	.....
PRUNUS Pissardi (Purple-leaved Plum). 3 to 4 ft.	.50	4.00	.....
Triloba. 3 to 4 ft.	.60	5.50	50.00
4 to 5 ft. specimens (Tree form)	3.50	.....	.....
Tomentosa. 3 to 4 ft.	.60	5.00	40.00



SNOWBERRY
(Symphoricarpos Racemosus)



LILAC Charles X



WEIGELIA

ORNAMENTAL AND FLOWERING SHRUBS—Continued

PYRACANTHA Coccinea Lalandi (Laland Firethorn), Each	10	100
15 to 18 in. B & B.	\$1.00	
RHAMNUS Cathartica (Buck Thorn). 3 to 4 ft.	.30	\$2.00 \$15.00
4 to 5 ft.	.35	2.50 20.00
Frangula. 3 to 4 ft.	.30	2.00 15.00
4 to 5 ft.	.40	3.00 25.00
RHODOTYPOS Kerrioides. 2 to 3 ft.	.40	3.00 25.00
3 to 4 ft.	.50	4.00 35.00
RHUS Canadensis. 18 to 24 in.	.50	4.00
2 to 3 ft.	.60	5.00
Cotinus. 3 to 4 ft.	1.00	
Typhina Laciniata (Cut-leaved). 3 to 4 ft.	.40	3.00 20.00
4 to 5 ft.	.50	3.50 25.00
ROSA Hugonis. 2-year	.75	6.00 50.00
Dr. E. M. Mills. 3-year	1.25	10.00
Rubiginosa. (Sweet Briar). 2-year	.40	3.50
Setigera. 2-year	.35	3.00 25.00
Rugosa Alba. 2-year	.45	4.00 35.00
Rugosa Belle Poitevine. 2-year	.50	4.00
Rugosa C. F. Meyer. 2-year	.60	5.00 35.00
Rugosa F. J. Grootendorst. 2-year	.50	4.00 35.00
3-year	.60	5.00 40.00
Rugosa Hansa. 2-year	.50	4.00 30.00
Rugosa Pink Grootendorst. 2-year	1.00	8.50
Rugosa Rubra. 2-year	.35	3.00 20.00
3-year	.40	3.50 25.00
Rugosa Sir Thos. Lipton	.50	4.00 30.00
Moss Luxemburg. (Red). 2-year	.50	4.00
Moss Crested Pink. 2-year	.50	4.00
Moss White. 2-year	.50	4.00
SALIX (Willow) Babylonica. 5 to 6 ft. bush	.50	4.50 40.00
Britzensis. 5 to 6 ft.	.50	4.00 35.00
Discolor (Pussy Willow). 3 to 4 ft. bush, 1000, \$125.00	.25	2.00 15.00
4 to 5 ft. bush	.35	3.00 20.00
SAMBUCUS Canadensis. 4 to 5 ft.	.50	4.00 30.00
3 to 4 ft.	.45	3.50 25.00
Nigra Aurea. 3 to 4 ft.	.45	4.00 30.00
4 to 5 ft.	.50	4.50 35.00
Pubens. 4 to 5 ft.	.50	4.00 30.00
3 to 4 ft.	.40	3.00 25.00
Racemosa. 3 to 4 ft.	.40	3.00 25.00
SORBARIA Sorbifolia (Ural False Spiraea). 2 to 3 ft.	.40	3.00 25.00
SPIRAEA Anthony Waterer, 12 to 18 in.	.35	3.00 20.00
18 to 24 in., extra bushy	.40	3.50 25.00
Arguta Multiflora. 3 to 4 ft.	.50	4.00 30.00
2 to 3 ft.	.40	3.00 20.00
Billardii. 3 to 4 ft.	.35	2.50 20.00
4 to 5 ft.	.40	3.00 25.00
Froebeli. 18 to 24 in.	.30	2.00 15.00
24 to 30 in.	.35	2.50 20.00
Japonica Ovalifolia (White Japanese S.). 18 to 24 in.	.30	2.50 20.00
Latifolia. 3 to 4 ft.	.40	3.00 20.00
1000, \$180.00		
Prunifolia fl. pl. 3 to 4 ft.	.50	4.00 30.00
Thunbergii. 18 to 24 in.	.20	1.80 15.00
2 to 3 ft. bushy	.40	3.00 25.00
Van Houttei (Bridal Wreath). 2 to 3 ft. bushy	.25	1.50 12.00
1000, \$100.00		
3 to 4 ft. bushy	.30	2.50 18.00
4 to 5 ft.	.40	3.00 25.00
4 to 5 specimens	1.50	
Walluffi. 18 to 24 in.	.50	4.00 30.00
STEPHANANDRA Flexuosa. 2 to 3 ft.	.50	4.00 35.00
SYMPHORICARPOS (Snowberry).		
Racemosus. 2 to 3 ft. bushy	.30	2.50 18.00
3 to 4 ft. bushy	.35	3.00 20.00
Vulgaris (Indian Currant). 2 to 3 ft.	.30	2.00 15.00
3 to 4 ft.	.35	3.00 18.00

	Each	10	100
SYRINGA (lilac). Charles X. 2 to 3 ft.	\$0.75	\$6.00	\$50.00
3 to 4 ft.	1.00	9.00	75.00
Charles Jolly. 18 to 24 in.	.75	6.00	
Hugo Koster. 2 to 3 ft.	1.25	10.00	
3 to 4 ft.	1.50	12.50	
Japonica. 2 to 3 ft.	.60	5.00	
3 to 4 ft.	.90	7.00	
Josikaea. 3 to 4 ft.	.60	5.00	
Ludwig Spaeth. 2 to 3 ft.	.90	7.50	
3 to 4 ft.	1.00	9.00	
Mad. Lemoine. 2 to 3 ft.	.90	7.50	
3 to 4 ft.	1.00	9.00	
Marie Le Graye. 2 to 3 ft.	.90	7.50	
Michael Buchner. 2 to 3 ft.	.90	7.50	
3 to 4 ft.	1.00	9.00	
Persian Purple. 2 to 3 ft.	.40	3.00 25.00	
3 to 4 ft.	.50	4.00 35.00	
4 to 5 ft. specimens	2.00		
President Grevy. 2 to 3 ft.	.90	7.50	
3 to 4 ft.	1.00		
Villosa. 2 to 3 ft.	.50	4.00 30.00	
3 to 4 ft.	.90	7.00	
Vulgaris Purpurea. 2 to 3 ft.	.50	4.50 40.00	
3 to 4 ft.	.60	5.50 50.00	
NEW AND RARE LILACS.			
Diderot, Emile Gentil, Jean Mace, Leon Gambetta, Montaigne, Marechal, Lannes, Pres. Fallieres, 18 to 24 in.	1.50	12.50	
Jean Mace. 2 to 3 ft.	2.00	17.50	
Jan Van Tol. 2 to 3 ft.	1.50	12.50	
Katherine Havemeyer, Mrs. Edward Harding 2 to 3 ft.	3.50		
EARLY LILACS (Syringa Gilardii).			
Berryer, Buffton, Deschartes, Louvois, Mirabeau, 18 to 24 in.	1.50	12.50	
Berryer, Claude Bernard, Louvois, 2 to 3 ft.	2.00		
TAMARIX Africana. 3 to 4 ft.	.40	3.00 20.00	
Hispidia Aestivalis. 3 to 4 ft.	.50	4.00 30.00	
VIBURNUM Americanum. 2 to 3 ft.	.60	5.00	
Carlesi. (Fragrant V), 12 to 15 in., B & B.	1.50	12.50	
12 to 15 in., not B. & B.	1.25	10.00	
18 to 24 in., B & B.	2.00	17.50	
18 to 24 in., not B. & B.	1.75	15.00	
24 to 30 in., B & B.	3.50		
Dentatum. 2 to 3 ft.	.40	3.00 20.00	
3 to 4 ft.	.50	4.00 30.00	
Lantana. 2 to 3 ft.	.50	4.00	
3 to 4 ft.	.60	5.00	
Lentago. 3 to 4 ft.	.60	5.00 40.00	
4 to 5 ft.	.70	6.00 50.00	
Molle. 2 to 3 ft.	.40	3.00 25.00	
3 to 4 ft.	.50	4.00 35.00	
Opulus. 2 to 3 ft.	.50	4.00 30.00	
3 to 4 ft.	.70	6.00	
4 to 5 ft.	.90	7.50	
4 to 5 ft. specimens	1.25		
Opulus Nanum. 8 to 10 in.	.50	4.00	
Opulus Sterile. 2 to 3 ft.	.60	5.00	
Sioboldi. 2 to 3 ft.	.60	5.50 50.00	
WEIGELIA Abel Carriere. 2 to 3 ft.	.40	3.50 30.00	
3 to 4 ft.	.50	4.00 35.00	
Candida. 3 to 4 ft.	.50	4.00 30.00	
Eva Rathke. 2 to 3 ft.	.50	4.00 30.00	
3 to 4 ft.	.60	5.00 35.00	
Floribunda. 2 to 3 ft.	.50	4.00 30.00	
3 to 4 ft.	.60	5.00 35.00	
Nana Variegata. 2 to 3 ft.	.40	3.00 25.00	
Rosea. 2 to 3 ft.	.40	3.00 20.00	
3 to 4 ft.	.50	3.50 25.00	

WRITE FOR SPECIAL QUOTATIONS ON QUANTITIES



JUNIPERUS PFITZERIANA

A Graceful Specimen for Lawn or Mixed Border



JUNIPERUS SABINA PROSTRATA Horizontalis.



JUNIPERUS VIRGINIANA (Red Cedar)

Vaughan's Evergreens

	Each	10	
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading, irregular form with foliage of blue-green.			
18 to 24 in. XXX.....	\$ 2.25		\$20.00
24 to 30 in. XXX.....	3.00		25.00
Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
18 to 24 in. spread XX.....	Per 100, \$200.00..	3.00	25.00
24 to 30 in. spread XXX.....	Per 100, 400.00..	5.00	45.00
30 to 36 in. spread XXX.....		6.00	55.00
3 to 3½ ft. spread XXX.....		7.00	65.00
3½ to 4 ft. spread XXX.....		10.00	.....

JUNIPERUS—Continued	Each	10	
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 18 to 24 in. spread XX.....	\$4.00	.....
Communis Suecica (Swedish Juniper). Upright pyramidal form; bluish-green foliage. 2 ft. XX.....	2.00	.....
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 18 to 24 in. XX.....	2.00		
24 to 30 in. XXX.....	3.50	\$30.00	
30 to 36 in. XXX.....	4.00	35.00	
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground. 15 to 18 in. spread XX.....	Per 100, \$150.00	2.00	17.50
18 to 24 in. spread XXX.....	Per 100, \$225.00	3.00	25.00
24 to 30 in. spread XXX.....		4.00	35.00
2½ to 3 ft. spread XXX.....		5.00	.....
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in. spread XX.....	4.00	.....
Virginiana (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.			
3 ft. XX.....	Per 100, \$200.00	2.50	22.50
3½ ft. XXX.....	Per 100, \$300.00	3.50	32.50
4 ft. XXX.....		4.75	45.00
4½ ft. XXX.....		5.75	.....
5 ft. XXX.....		7.00	.....
Virginiana Glauca (Silver Red Cedar). A form of the above with silvery tinged foliage. 3 ft. XXX.....	5.00	.....
3½ ft. XXX.....	6.00	.....
4 ft. XXX.....	7.00	.....
5 ft., sheared specimens XXX.....	12.00	.....
PICEA. (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage. 18 to 24 in. XX.....	2.00	17.50	
2½ ft. XXX.....	3.50	30.00	
3 ft. XXX.....	4.50	40.00	
3½ ft. XXX.....	6.00	55.00	
4 ft. XXX.....	7.50	.....
Excelsa (Norway Spruce). 24 to 30 in. XX.....	1.50	.....
Pungens (Colorado Green Spruce). Bluish-green foliage.			
2 ft. XXX.....	3.50	.....
2½ ft. XXX.....	4.50	.....
3 ft. XXX.....	5.50	.....

PICEA. (Black Hills Spruce)—Continued	Each	10
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 2 ft. XXX.....	\$7.00	.....
2½ ft. XXX.....	8.50	.....
3 ft. XXX.....	12.00	.....
PINUS Montana Mughus (Mugho Pine). A low-growing, round topped evergreen; fine for rock planting and foundation work. 12 to 15 in. XX.....	2.50	.....
18 in. XXX.....	4.00	.....
24 in. XXX.....	5.00	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 18 to 24 in. XX.....	2.00	.....
24 to 30 in. XXX.....	3.00	.....
2½ to 3 ft. XXX.....	4.00	.....
3½ ft. XXX.....	5.00	.....
4 ft. XXX.....	6.00	.....
Ponderosa (Western Yellow Pine). Silvery green foliage. Quick growing, reaching large dimensions. 2½ to 3 ft. XX.....	2.50	.....
3 to 3½ ft. XX.....	3.00	.....
3½ to 4 ft. XX.....	4.00	.....
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage.		
24 to 30 in. XX.....	2.50	.....
2½ to 3 ft. XXX.....	3.00	.....
3 to 3½ ft. XXX.....	3.50	.....
4 ft. XXX.....	4.50	.....
5 ft. XXX.....	6.00	.....
RETINOSPORA Plumosa. Of dense, conical habit. Soft, feathery, light green foliage. 18 to 24 in. XX.....	2.00	\$17.50
Tom Thumb. Low, broad, compact variety with soft feathery foliage. 18 to 24 in. XX.....	2.00	17.50
TAXUS Cuspidata (Japanese Yew). In growth close, upright and compact, with dark green foliage. Very hardy.		
2 ft. XXX.....	5.00	.....
2½ ft. XXX.....	7.00	.....
Cuspidata Brevifolia (Dwarf Japanese Yew). Spreading branches with short, deep rich green leaves; of dwarf bushy habit. 18 in. XXX.....	5.00	.....
24 in. XXX.....	7.50	.....
THUJA Occidentalis (American Arborvitae).		
18 to 24 in. XX.....	1.25	10.00
24 to 30 in. XXX.....	2.00	17.50
2½ to 3 ft. XXX.....	2.50	20.00
3 to 3½ ft. XXX.....	3.00	27.50
5 ft.	6.00	.....
6 ft.	7.50	.....
Occidentalis Compacta. An upright, oval form of the above, dense and compact. 18 to 24 in. XX.....	2.25	.....
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 18 to 24 in. XXX.....	3.50	.....
Occ. Hoveyi (Hovey Arborvitae). Of egg-shaped form with golden green foliage. 18 to 24 in. XXX.....	3.50	.....
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage.		
2 ft. XX.....	2.00	17.50
2½ ft. XXX.....	3.00	27.50
3 ft. XXX.....	4.00	37.50
3½ ft. XXX.....	5.00	47.50
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy.		
18 in. XXX.....	2.00	.....
24 in. XXX.....	3.00	.....
2½ ft. XXX.....	3.50	.....
TSUGA Canadensis (Canada Hemlock). A graceful tree of broadly pyramidal form with rich green foliage. 3 ft. XX.....	4.50	.....
3½ ft. XXX.....	5.50	.....
4 ft. XXX.....	6.50	.....

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

Hardy Vines—Continued

	Each	10	100
KUDZU VINE. Remarkably fast climber; leaves in shape like Lima Bean. Strong roots.....	\$0.30	\$2.00	\$12.00
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. Blooms for a long time. 2-year.....	.50	4.00	.....
Japonica Aurea Reticulata. Foliage spotted bright yellow; flowers creamy white. 2-year.....	.50	4.00	35.00
Japonica Halliana (Hall's Japanese). Very fragrant pure white flowers changing to yellow. 2-year.....	.40	3.00	18.00
3-year.....	.50	3.50	25.00
Sempervirens (Scarlet Trumpet). Fuchsia-like scarlet flowers. 2-year.....	.40	3.00	20.00
3-year.....	.50	3.50	25.00
LYCIUM Barbarum (Matrimony Vine). Of trailing habit. Attractive red berries in autumn. 2-year.....	.30	2.00	15.00
POLYGONUM Auberti. Fast growing vine producing foamy masses of white flowers in late summer. 2-year.....	.60	5.00	40.00
WISTARA Magnifica. Vigorous grower; purple-lilac flowers. 2-year.....	.40	3.00	20.00
3-year.....	.50	4.00	30.00
Sinensis Alba. Pure white flowers. 2-year grafts.....	.75	6.50	.....
Sinensis Purpurea. Flowers sky-blue. 2-year grafts.....	.75	6.00	50.00



RASPBERRY, Latham or Minnesota No. 4*

Small Fruits

- BLACKBERRY** Blowers, Eldorado, Snyder. 75c per 10; \$5.00 per 100.
GRAPE Agawam, Brighton, Catawba, Delaware, Diamond, Moore's Early, Niagara, Worden. 2-yr., \$2.50 per 10; \$15.00 per 100. Caco, 2-yr., \$6.00 per 10. Concord, 2-yr., \$2.00 per 10; \$10.00 per 100; 3-yr., \$2.50 per 10; \$15.00 per 100. Hubbard, 2-yr., \$4.50 per 10.
RASPBERRIES Cumberland, King, Plum Farmer, St. Regis, 50c per 10; \$5.00 per 100. Golden Queen, Latham, Quillen, Victory, 80c per 10; \$7.00 per 100.

RHUBARB. Vaughan's Mammoth		100	1,000
1-year Selected stock	.....	\$ 4.00	\$ 30.00
2-year extra strong	.....	7.50	60.00
3-year for forcing	.....	15.00	120.00

Fruit Trees

APPLES

2-year trees, 4 to 5 ft., $\frac{1\frac{1}{2}}$ in. caliper, each 60c; per 10, \$5.00; per 100, \$40.00. 3-year old trees, 5 to 6 ft., 1 in. caliper, each 75c; per 10, \$6.50; per 100, \$50.00.

Autumn Strawberry, Baldwin, Banana, Delicious, Duchess, Jonathan, Maiden's Blush, McIntosh Red, Northern Spy, Northwestern Greening, Red June, Red Astrachan, Roman Beauty, Wagener, Wine-sap, Yellow Transparent.

CHERRIES

2-year trees, 4 to 5 ft., $\frac{1\frac{1}{2}}$ to 1 in. caliper, each 75c; per 10, \$6.00; per 100, \$50.00.
 Early Richmond, Montmorency, Royal Duke.

PEACHES

1-year trees, 4 ft., $\frac{3}{8}$ to $\frac{1\frac{1}{2}}$ in. caliper, each 40c; per 10, \$3.50.
 Crawford's Late, Elberta, Elberta Cling, J. H. Hale, Rochester.

PEARS

2-year trees, 4 to 6 ft., $\frac{1\frac{1}{2}}$ to 1 in. caliper, each 75c; per 10, \$6.00; per 100, \$50.00.
 Clapp's Favorite, Flemish Beauty, Howell, Kieffer, Seckle.

PLUMS

2-year trees, 4 to 5 ft., $\frac{1\frac{1}{2}}$ to 1 in. caliper, each 60c; per 10, \$5.00; per 100, \$40.00.
 Abundance, Burbank, Moniter, Sapa, Shropshire Damson, Terry, Waneta.

We can supply Specimen trees of Apple, Pear, and Plum in assorted varieties as follows:

7 to 8 ft., $1\frac{1}{2}$ to 2 in. caliper, each \$2.00; per 10, \$17.50; 8 to 10 ft., 2 to $2\frac{1}{2}$ in. caliper, each, \$2.75; per 10, \$25.00.

Vaughan's Seed Store, Chicago, Ill.

Beloit, Wis., April 27, 1928.

Dear Sir:

Received the shipment of specimen fruit trees in good condition. The character of the stock was very pleasing and our customers are well pleased.

Sincerely yours,
 LAWRENCE G. HOLMES,
 Holmes & Carmichael

Vaughan's Vigor Strawberry Plants

Grown in Northern Michigan's Ideal Fruit Soil and Climate.

Our plants are grown under ideal conditions. Note illustration for root development of a single specimen. They have been developed from selected plants and we know you will be pleased. Varieties below are up to date.

Write for pamphlet on Strawberry Culture.

AROMA. (Per.) Late. One of the most popular late varieties. Fruit large to very large; holds its size well throughout all the pickings. Berry is roundish, conical, smooth and perfect in form and of a beautiful bright glossy red in color; very firm and of high quality. Its rich aromatic flavor has suggested its name. The habit of spreading which this variety possesses opens the way for the sunlight to reach the crown. The leaves are broad, clean and smooth and of a dark green color.
 Price, 100, \$1.40; 500, \$4.50; 1000, \$8.00.

COOPER. The large size and the beautiful brilliant color of the berries immediately attracts the attention of every one, but the greatest feature of all is that peculiar mild, delicious flavor not found in any other Strawberry. Due to the wonderful vigor of the plant this variety is adaptable to a wider range of soils and climate than any other variety. The foliage is immense, the big broad leaves often growing a foot high. This is due to the great root system, which goes down for moisture and enables the plants to produce the enormous load of big red berries even during continued dry weather. The unusual vitality of the plant carries every berry to perfect maturity—the last to ripen are as large as the first. Cooper is strongly staminate and can be grown alone and is an ideal mate of any of the pistillate or imperfect varieties due to the long blooming season. Price, 100, \$2.00; 500, \$5.50; 1000, \$9.50.



DR. BURRELL. (Per.) Midseason. The berries are large, delicious and beautifully formed. The surface of the berry is a deep glossy red. The meat is solid. If you are looking for a good dependable all-purpose variety you will make no mistake in planting Dr. Burrell. In manner of plant growth this variety closely resembles Senator Dunlap, but will produce more, bigger and better berries, and ripening a few days earlier than Dunlap. Price, 100, \$1.50; 500, \$4.75; 1000, \$8.50.

GIBSON. (Per.) Medium early. Berries are large and regular in shape holding their size well to the end of the season. Color rich red. Flavor is neither sweet nor sour, but just right for canning. Extremely productive, in fact we know of no variety that will produce more quarts of berries per acre than the Gibson. It makes a strong vigorous plant that withstands adverse conditions admirably. This variety seems to embody every requirement necessary for a profitable berry. We recommend it and know you will not make any mistake in planting Gibson. Price, 100, \$1.40; 500, \$4.50; 1000, \$8.00.

PREMIER. (Per.) Early. Berries are large, beautifully formed, red through and through; flavor delicious. A splendid shipper. The deep heavy rooting system makes the plant a strong drought resister, and it is especially adapted to any soil or climate, giving you a big crop of fancy berries which will sell at highest prices. Where extra fancy early fruit is wanted we advise this. Price, 100, \$1.50; 500, \$4.75; 1000, \$8.50.

SENATOR DUNLAP. (Per.) Midseason. The fruit is dark red with glossy finish, shading to a deep scarlet on the underside. The meat is a bright red all through and exceedingly juicy. It succeeds everywhere and with everybody—the new beginner as well as with the veteran grower—but should not be allowed to mat too thickly. For a medium-sized, productive, early-to-midseason berry you need not hesitate to plant Dunlap. One of the best and most popular. Price, 100, \$1.25; 500, \$4.50; 1000, \$7.50.

PROGRESSIVE. (Everbearing.) Has long been the leading everbearing variety. It now has to take second place as the new Champion is superior in every respect. The Progressive is a tall, healthy grower, deep rooted and entirely free from fungus diseases. Very productive, berries medium size, good quality and delicious flavor. Price, 100, \$2.00; 500, \$8.00; 1000, \$15.00.

CHAMPION. (New Everbearing.) A strong, healthy, deep-rooted plant, very productive. Fruit similar to Dunlap in size, shape and color. A beautiful rich red color clear through, good quality and delicious flavor. The one mighty big feature of the Champion is that every plant bears a full crop of fruit, something that cannot be said of any other everbearing variety. Owing to its wonderful productiveness and its ability to bear through dry weather it offers wonderful possibilities to commercial growers. In addition to the wonderful fall crop produced by the Champion, they are the earliest to ripen in the spring. Price, 100 for \$2.00; 500, \$8.00; 1000, \$15.00.

MASTODON—Genuine Perfected. (Everbearing.) The world's greatest everbearer because nothing like it was ever achieved before. Produces nearly 6000 quarts per acre during August, September, October and November. In size, quality, flavor and appearance Mastodon heads the list. Unlike other Everbearers, the plants of Mastodon are large, vigorous, heavily crowned and deep rooted. This explains their ability to produce enormous loads of fine fruit even under adverse conditions. Regardless of your past experience with Everbearing Strawberries we urge you to plant this wonderful New Everbearer this Spring. It will amaze you with the tremendous load of extra fine fruit produced by every plant. Price, 100, \$2.75; 500, \$11.00; 1000, \$20.00.

Vaughan's Wholesale Vegetable Prices for Florists

Vaughan's Vegetable Seeds.

FOR 52 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

Asparagus Seed

	Oz.	¼ lb.	Lb.
Conover's Colossal.....	\$0.10	\$0.25	\$0.75
Palmetto.....	.10	.25	.75
Early Giant Argenteuil.....	.10	.30	.85
Bonvallet's Giant.....	.15	.30	1.00
Washington Rust Proof.....	.25	.60	2.00
Mary.....	.30	.75	2.50

Asparagus Roots

	1-Year-Old		2-Year-Old	
	100	1,000	100	1,000
Bonvallet's Giant.....	.....	.....	\$2.00	\$14.00
Palmetto.....	\$1.25	\$9.00	2.00	12.00
Conover's Colossal.....	1.25	9.00	2.00	12.00
Columbian Mammoth, White.....	1.25	9.00	2.00	12.00
Giant Argenteuil.....	1.25	9.00	2.00	12.00
Washington.....	2.50	15.00	3.25	23.00

Artichoke

GREEN GLOBE.—Pkt., 10c; oz., 60c.

Bush Beans—Green Pod

	2 lbs.	10 lbs.	100
	Qt.		lbs.
Black Valentine.....	\$0.60	\$2.70	\$25.00
Improved Early Red Valentine.....	.65	3.00	28.00
Longfellow.....	.70	3.20	30.00
Extra Early Refugee.....	.80	2.20	20.00
Refugee, 1000 to 1.....	.80	3.70	35.00
Stringless Green Pod.....	.85	3.70	35.00
Dwarf Horticultural.....	.80	3.70	35.00
Improved Navy.....	.40	1.70	15.00
Masterpiece (for forcing).....	.70	3.20	30.00
Bountiful Stringless.....	.90	4.00	37.00
Giant Stringless Green Pod.....	.85	3.70	35.00
Full Measure.....	1.00	4.20	40.00
Refugee (1,000 to 1).....	.80	3.70	35.00
Tennessee Green Pod.....	.75	3.20	30.00

Wax Beans

Currie's Rust Proof.....	.65	3.00	28.00
Davis Kidney Wax.....	.65	3.00	28.00
Hodson Wax.....	.65	3.00	28.00
Improved Golden Wax.....	.80	3.70	35.00
Pencil Pod Black Wax.....	.65	3.00	28.00
Prolific Black Wax.....	.60	2.70	25.00
Round Pod Kidney Wax.....	.75	3.70	35.00
Stringless Refugee Wax.....	.80	3.70	35.00
Wardwell's Kidney Wax.....	.80	3.70	35.00
New White Wax.....	1.00	4.70	45.00
Sure Crop Wax.....	.70	3.20	30.00
Webber Wax.....	.80	3.70	35.00
New Kidney Wax.....	.80	3.70	35.00
Unrivalled Wax.....	.80	3.70	35.00

Bush Lima Beans

	2 lbs.	10 lbs.	100
	lbs.	lbs.	lbs.
Henderson's Bush Lima.....	\$0.65	\$2.70	\$25.00
Burpee's Bush Lima.....	.70	3.20	30.00
New Wonder Bush Lima.....	.70	3.20	30.00
Fordhook Bush Lima.....	.90	4.30	40.00
Burpee's Improved Bush Lima.....	.70	3.20	30.00

Pole Lima

Carpinteria.....	.70	3.20	30.00
Large Green Seeded.....	.70	3.20	30.00
Challenger or Dreer's Imp'd Lima.....	.60	2.70	25.00
Extra Early Jersey Lima.....	.60	2.70	25.00
Early Leviathan.....	.60	2.70	25.00
Ford's Mammoth Lima.....	.60	2.70	25.00
Ideal Pole Lima.....	.60	2.70	25.00
King of the Garden Lima.....	.60	2.70	25.00
Large Lima, Selected Seed.....	.60	2.70	25.00
Siebert's Early Lima.....	.60	2.70	25.00

Pole Beans—Green Pod

	2 lbs.	10 lbs.	100
	lbs.	lbs.	lbs.
Burger's Stringless.....	\$0.60	\$2.40	\$22.00
Dutch Case Knife.....	.50	2.20	20.00
Horticultural Cranberry.....	.50	2.20	20.00
Kentucky Wonder or Old Homestead.....	.50	2.20	20.00
Lazy Wife.....	.60	2.40	22.00
White Creaseback.....	.50	2.20	20.00
Cut Short or Corn Hill.....	.50	2.20	20.00
Scarlet Runner.....	.70	2.80	25.00

Wax Pod

Early Golden Cluster Wax.....	.70	2.70	25.00
Kentucky Wonder Wax.....	.70	2.70	25.00

Broccoli

	Oz.	¼ lb.	Lb.
Purple Cape.....	\$0.50	\$1.60	\$6.00
White Mammoth.....	.40	1.40	5.00
Italian Calabrese.....	1.00	3.50	12.00

Brussels Sprouts

Paris Market.....	.20	.60	1.75
Improved Dwarf.....	.25	.75	2.00
Long Island Improved (Regular).....	.35	1.00	3.00
Long Island (Long Island grown).....	.50	1.25	5.00

Beet

	¼ Lb.	Lb.	5
	Lbs.	Lbs.	Lbs.
Crosby's { Vaughan's Selected Stock.....	\$0.40	\$1.25	\$5.75
Egyptian { Standard Stock.....	.25	.80	3.50
Detroit { Vaughan's Selected Stock.....	.35	1.15	5.25
Dark Red { Standard Stock.....	.25	.80	3.50
Crimson Globe.....	.30	.85	3.75
Improved Early Egyptian.....	.25	.80	3.50
Eclipse Extra Select Stock.....	.25	.80	3.50
Early Wonder.....	.40	1.25	5.75
Edmand's Turnip. Select Stock.....	.25	.80	3.50
Vaughan's Chicago Market.....	.40	1.25	5.75
Early Blood Turnip, Select.....	.25	.80	3.50
Half Long Blood, Very Deep Red.....	.25	.80	3.50
Long Smooth Dark Blood.....	.25	.80	3.50
Vaughan's Fireball.....	.40	1.25	5.75
MANGEL—Vaughan's Mammoth Long Red.....	.15	.50	2.25
Champion Yellow Globe.....	.15	.50	2.25
Golden Tankard.....	.15	.50	2.25
Giant Yellow Intermediate.....	.15	.50	2.25
Giant Yellow Eckendorf.....	.15	.50	2.25
Giant Half Sugar Rose.....	.15	.50	2.25
Barres Sludstrup. Danish Grown.....	.15	.50	2.25
SUGAR BEETS—Vilmorin's Imperial.....	.20	.60	2.50
French Red Top.....	.15	.50	2.25
Lane's Improved.....	.15	.50	2.25
Klein's Wanzleben.....	.15	.50	2.25

Cabbage

Early Oblong Varieties

	Oz.	¼ lb.	Lb.
	Lbs.	Lbs.	Lbs.
Early Jersey Wakefield.....	\$0.30	\$0.80	\$2.75
Extra Early Express.....	.25	.75	2.50
Early Winningstadt.....	.25	.75	2.50
Charleston Wakefield.....	.25	.85	3.00

Early Flat and Round Varieties

Copenhagen Market.....	.40	1.25	4.00
Copenhagen Market Extra Early Selections.....	.70	2.00	6.50
Copenhagen Wis. (Yellows Resistant).....	1.25	4.25	16.00
Golden Acre (New Flat Early).....	.70	2.00	6.50
New York Early Summer.....	.25	.75	2.50
Early Flat Dutch.....	.25	.75	2.50
Succession.....	.25	.75	2.50
Vaughan's All Seasons.....	.25	.75	2.50
Glory of Enkhousen.....	.50	1.50	5.00
Early All Head or Faultless.....	.25	.75	2.50
Early All Head Yellows Resistant.....	.70	2.00	7.00
All Season's Yellows Resistant.....	.60	1.75	6.00

Main Crop Sorts

Vaughan's Premium (Late) Flat Dutch.....	.25	.75	2.50
Chinese or Celery Cabbage Vaughan Strain.....	.50	1.50	5.00
Chinese Cabbage Wong Bok.....	.30	.85	3.00
Bridgeport Drumhead.....	.25	.75	2.50
Surehead.....	.25	.75	2.50
Danish Ballhead (Tall).....	.30	.85	3.00
Hollander, Yellows Resistant, Danish Ballhead, Wisconsin No. 8.....	.70	2.00	6.50
Hollander, Yellows Resistant, No. 9.....	.80	2.25	7.00
Danish Ballhead (Dwarf Amager).....	.30	.85	3.00
New Penn State Ballhead.....	1.00	3.00	10.00
Dutch Winter or Hollander.....	.35	1.00	3.50
Dutch Winter or Hollander Stock Seed.....	1.25	4.00	14.00
Bugner's.....	.75	2.00	7.00

SAVOY CABBAGE—

Improved American.....	.30	.85	3.00
Iron Head.....	.25	.75	2.50
Marvin's.....	.25	.75	2.50
RED CABBAGE—Black Diamond.....	.30	.85	3.00
Dark Red Dutch.....	.30	.85	3.00
Mammoth Rock Red.....	.35	1.00	3.50
Red Drumhead.....	.30	.85	3.00
Zenith Red.....	.30	.85	3.00
Danish Red Stonehead (New).....	.30	.85	3.00
Haco Earliest of all Reds.....	.50	1.50	5.50
Red Resistant.....	1.25	4.25	16.00

Carrot

Table with 4 columns: Name, Oz., 1/4 lb., Lb., 5 Lbs. Includes varieties like Danvers Half Long, Chantenay, and Early Scarlet Forcing.

Useful Vegetables

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes varieties like Chervil, Chicory, Corn Salad, and Cress.

Cauliflower

Vaughan's New Snowball

One of our Specialties. We know our strain is the equal of any that can be produced. We have tried nearly every other on the market...

Pkt., 25c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 1/4 lb., \$8.50; lb., \$32.00.

Vaughan's Earliest Dwarf Erfurt

Combines all pedigree points—earliness, purity of color, dwarf habit and fine grain. A profitable market garden sort.

Pkt., 25c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 1/4 lb., \$8.50; lb., \$32.00.

Dry Weather

For dry climate and dry seasons. Very sure heading and second early. Heads larger than Snowball and snow white.

Pkt., 25c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 1/4 lb., \$8.50; lb., \$32.00.

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable.

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes varieties like Extra Early Paris, Lenormand's Short Stem, and Large Early Erfurt.

Celery

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes varieties like Giant Pascal, French Success, and Paris Golden Self-Blanching.

Sweet Corn

Table with 4 columns: Name, 2 lbs., 10 lbs., 100 lbs. Includes varieties like Golden Bantam, Vaughan's Mammoth White Cory, and Adams Early.

Cucumbers

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes varieties like Evergreen, Davis Perfect, and Improved White Spine.

Dandelion

Thick-Leaved or Cabbaging. Pkt., 15c; oz., 75c.

Dill

Oz., 15c; 1/4 lb., 30c; lb., 85c.

Egg Plant

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Black Beauty and Vaughan's Improved N. Y. Purple.

Endive

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Green Curled Summer, Green Curled Winter, and Moss.

Garlic

Selected Bavarian, lb., 25c. Write for prices on larger lots.

Herbs

—Some very short. Write for pound prices.

For complete list see page 25 Retail Catalog.

Kale or Borecole

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Dwarf Green Curled, Tall Green Scotch, and Siberian.

Kohlrabi

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Short-leaved Early Erfurt, Early White Vienna, and Early Purple Vienna.

Leek

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Broad Scotch or London Flag, Large Musselburg, Rouen, and Mezieres.

Lettuce

Leaf Varieties

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Black-Seeded Simpson, Grand Rapids Forcing, and Early Curled Silesia.

Cabbage and Head Varieties

Table with 4 columns: Name, Oz., 1/4 lb., Lb. Includes Vaughan's All Seasons, May King, Big Boston, and White Summer Cabbage.

Florists' Wire Designs

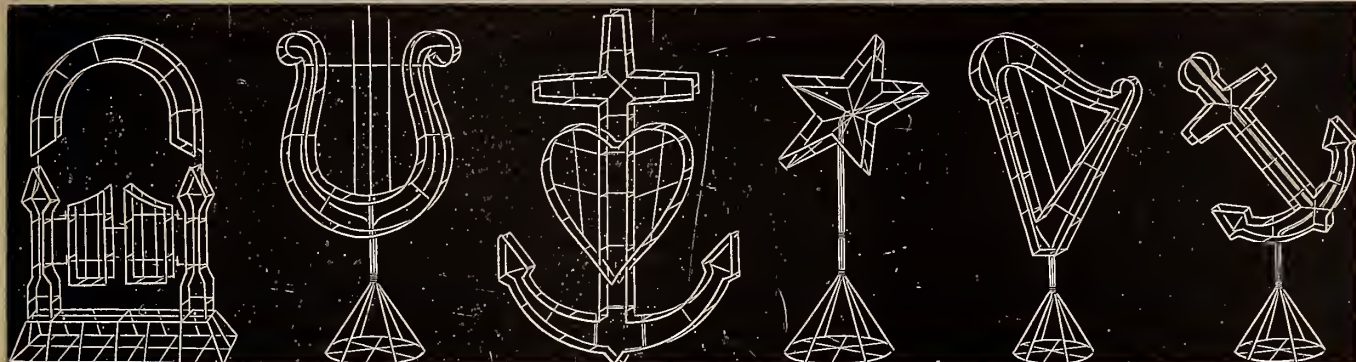
F. O. B. NEW YORK
New York Terms Net
No Packing Charges.

Many other and odd designs can be made and supplied on short notice, but they are made entirely at the risk of the buyer as to 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.

F. O. B. CHICAGO
DISCOUNT FOR PAYMENT IN
TEN DAYS' ORDERS

From \$ 10.00 to \$20.00 10%
" 20.00 to 50.00 15%
" 100.00 and over 20%

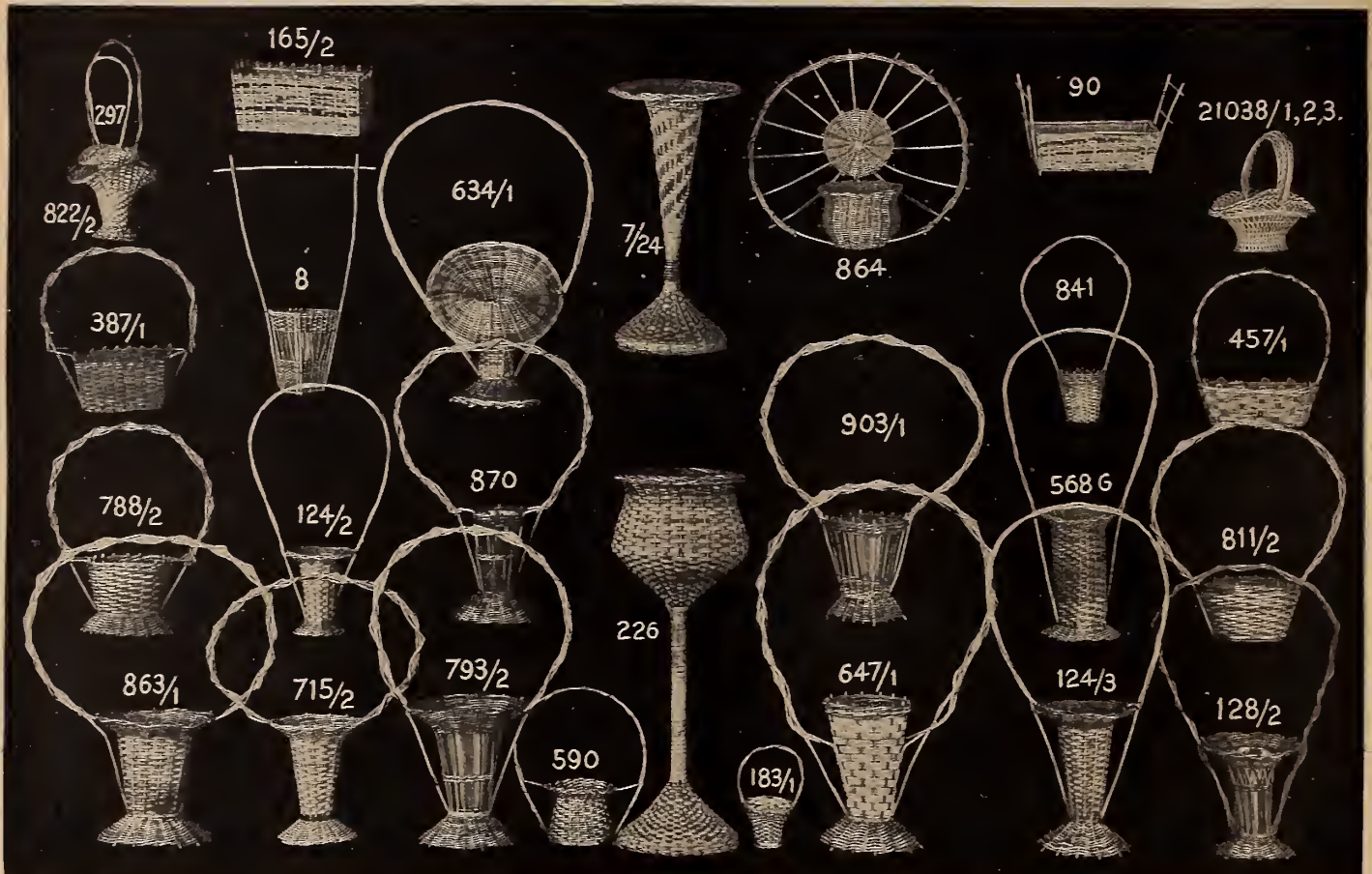
Compare These Prices, they are Much Lower than Many so-called Net Prices.



GATES AJAR		LYRE ON BASE		FAITH, HOPE AND CHARITY		STAR ON BASE		HARP ON BASE		ANCHOR ON BASE			
ANCHORS—Flat													
Inch	Price	Inch	Price	Inch	Price	Inch	Price	Inch	Price	Inch	Price		
10.....	\$0 20	20.....	\$0 50	12.....	25	22.....	55	14.....	30	24.....	60		
12.....	25	22.....	55	14.....	30	24.....	60	16.....	35	27.....	70		
14.....	30	24.....	60	16.....	35	27.....	70	18.....	35	27.....	70		
16.....	35	27.....	70	18.....	45	33.....	1 00	20.....	45	36.....	1 05		
18.....	45	36.....	1 05	Anchor on Base									
12.....	45	22.....	95	Anchor on Reclining Stand									
14.....	55	24.....	1 10	12.....	35	20.....	70	14.....	40	24.....	85		
16.....	65	27.....	1 25	16.....	50	30.....	1 25	18.....	75	30.....	1 50		
18.....	75	30.....	1 50	20.....	85	36.....	2 00	Anchor and Cross on Base					
Anchor and Cross on Base				Anchor and Cross on Base				Anchor and Cross on Base					
12.....	45	20.....	75	12.....	45	20.....	75	12.....	45	20.....	75		
14.....	50	24.....	85	14.....	50	24.....	85	14.....	50	24.....	85		
16.....	55	27.....	1 15	16.....	55	27.....	1 15	16.....	55	27.....	1 15		
18.....	65	30.....	1 35	18.....	65	30.....	1 35	18.....	65	30.....	1 35		
20.....	85	36.....	2 00	20.....	85	36.....	2 00	20.....	85	36.....	2 00		
ANCHOR AND CROSS													
10.....	20	20.....	45	12.....	25	22.....	50	14.....	30	24.....	60		
12.....	25	22.....	50	16.....	35	27.....	70	18.....	40	30.....	90		
14.....	30	24.....	60	16.....	35	27.....	70	18.....	40	30.....	90		
16.....	35	27.....	70	18.....	45	30.....	1 00	20.....	50	36.....	1 25		
18.....	45	30.....	1 00	BASES									
BASES													
5.....	18	9.....	40	6.....	20	10.....	50	7.....	25	11.....	75		
8.....	35	12.....	1 00	ANCHOR ON EASEL									
ANCHOR ON EASEL													
12.....	45	24.....	1 00	14.....	50	27.....	1 25	16.....	55	30.....	1 50		
14.....	50	27.....	1 25	18.....	65	30.....	1 50	16.....	55	30.....	1 50		
16.....	65	30.....	1 50	18.....	65	36.....	1 75	HANGING BASKETS					
HANGING BASKETS				HANGING BASKETS				HANGING BASKETS					
Plain Top													
8.....doz.	1 80	16.....doz.	4 25	10.....	2 00	18.....	5 50	12.....	2 50	20.....	6 50		
10.....	2 00	18.....	5 50	14.....	3 00	22.....	8 00	16.....	3 50	24.....	9 00		
12.....	3 00	18.....	7 25	18.....	4 00	22.....	9 50	Hanging Baskets, Fancy Top					
Hanging Baskets, Fancy Top				Hanging Baskets, Fancy Top				Hanging Baskets, Fancy Top					
8.....doz.	2 50	16.....doz.	5 25	10.....	3 00	18.....	7 25	12.....	3 25	20.....	8 25		
10.....	3 00	18.....	7 25	14.....	4 00	22.....	9 50	BELLS—Single Frame					
BELLS—Single Frame				BELLS—Single Frame				BELLS—Single Frame					
8.....each	25	15.....each	60	10.....	30	18.....	80	12.....	40	21.....	1 15		
10.....	30	18.....	80	14.....	40	21.....	1 15	Bells, Double Frame					
Bells, Double Frame				Bells, Double Frame				Bells, Double Frame					
10.....	60	15.....	1 00	12.....	75	18.....	1 35	BROKEN WHEEL					
BROKEN WHEEL				BROKEN WHEEL				BROKEN WHEEL					
12.....	75	18.....	1 35	15.....	85	27.....	2 25	18.....	1 10	30.....	2 50		
14.....	90	21.....	1 75	20.....	1 40	33.....	3 25	21.....	1 40	33.....	3 25		
20.....	1 40	33.....	3 25	24.....	1 75	36.....	3 75	Broken Wheel on Easel					
Broken Wheel on Easel				Broken Wheel on Easel				Broken Wheel on Easel					
15.....	65	27.....	1 50	18.....	75	30.....	1 90	21.....	1 00	33.....	2 50		
18.....	75	30.....	1 90	24.....	1 25	36.....	3 00	Broken Wheel on Base					
Broken Wheel on Base				Broken Wheel on Base				Broken Wheel on Base					
15.....	80	27.....	2 35	18.....	1 20	30.....	2 75	21.....	1 50	33.....	3 50		
18.....	1 20	30.....	2 75	24.....	1 50	33.....	3 50	21.....	1 50	33.....	3 50		
21.....	1 50	33.....	3 50	24.....	1 85	36.....	4 50	Broken Wreath with Sickle					
Broken Wreath with Sickle				Broken Wreath with Sickle				Broken Wreath with Sickle					
12.....	60	21.....	1 35	14.....	70	24.....	1 50	16.....	1 00	27.....	2 00		
14.....	75	24.....	1 50	18.....	1 00	27.....	2 00	20.....	1 25	30.....	2 50		
16.....	1 00	27.....	2 00	18.....	1 25	30.....	2 50	Broken Wreath with Sickle					
Broken Wreath with Sickle				Broken Wreath with Sickle				Broken Wreath with Sickle					
18.....	1 25	30.....	2 50	20.....	1 35	36.....	4 75						

PACKING CHARGES AT COST.

Vaughan's Flower Baskets Newest Patterns



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

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

Style No.	Diameter, inch	Depth, inch	Overall, inch	Price
7/18			18	\$2.00
7/24			24	3.60
7/32			32	5.00
7/36			36	6.00
7/42			42	7.35
8	5	8	23	.75
90	4 1/2	4	12 L	.85
124/1	7	9	22	.62
/2	8	10 1/2	27	.95
/3	9	13	32	1.20
/4	10	18	40	2.00
128/1	7	9	22	.65
/2	8	10 1/2	27	.95
/3	9	13	32	1.20
165/1	5 1/2	5 1/2	10 L	1.00
/2	6	5 1/2	13 L	1.30
/3	6 1/2	6	18 L	1.60
/4	7	6 1/2	21 L	2.00
183/1	5 1/2	4	11	.35
226	12		35	4.00
297		5 1/2	11	.40
387/1	5 1/2	5 1/2	9 1/2 L	1.10
/2	6	6	12 L	1.80
/3	6 1/2	6	18 L	2.25
457/1	7	4	11 L	1.05
/2	8 1/2	4 1/2	13 L	1.30
/3	10 1/2	5 1/2	15 1/2 L	1.80
568 G	8	12	30	.90
590	6 1/2	5 3/4	14 1/2	.55
634/0	10 1/2	11	23 1/2	1.45
/1	12 1/2	15	28 1/2	1.65
/2	13	17 1/2	34	2.05
/3	16	23	40	2.65

Style No.	Diameter, inch	Depth, inch	Overall, inch	Price
647/00	6 1/2	9	25 1/2	\$0.85
/0	7	11 1/2	30 1/2	1.10
/1	8 1/2	14	34	1.25
/2	9	15	36	1.50
715/1	7	8	20 1/2	.80
/2	8 1/2	10	24	1.10
765/1	7 1/2	28	52	3.85
/2	9	35	62	5.00
/3	10	42	68	6.00
788/1	7 1/2	5	18	1.00
/2	9	5 1/2	20	1.25
/3	10	6 1/4	21 1/2	1.50
/4	11	6 3/4	23 1/2	1.75
793/1	9 1/2	9 1/2	23	.90
/2	10 1/2	12 1/2	29	1.10
/3	12 1/2	16	36	1.65
/4	13 1/2	19	40	2.00
811/1	8 1/2	5	19 1/2	.90
/2	9 1/2	6	21	1.10
/3	10 1/2	6 1/2	22 1/2	1.30
/4	11 1/2	6 3/4	24 1/2	1.45
822/1	9		16	.50
/2	10		18	.60
/3	11		22	.75
/4	12		26	.85
841/1	4 1/2	3	12	.15
863/1	11	11	29	1.50
/2	13	13 1/2	34	2.10
/3	14	15	38	2.50
864	11	6	21	2.10
870	5 1/2	10 3/4	26 1/2	.90
903/1	7	10	27	1.05
/2	7 1/2	11	31	1.40
21038/1-3	10 to 13		No liner	1.40
			Natural	1.10 nest

These prices call for a two-tone or enamel finish. Metal liners included. Where liners are not desired, deduct 10% from price. Prices subject to change without notice. Packing cases at cost.

Vaughan's Greenhouse and Florists' Supplies

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

APRONS RUBBER. These are especially made for us of the best quality sheeting and are 1½ yds. long. Each, \$2.35; 3 for \$6.75. Postage, 25c each, extra.

CAPE FLOWERS. Lb.
 Pure White. Extra fine quality.....\$1.35
 Colored. Bright shades..... 2.35

CARNATION BANDS, Rubber. Tiny rubber bands, almost invisible. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about 13,000, \$3.00 postpaid.

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 6¾ inches, bottom circle 7½ 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, \$6.50 per 100; \$57.50 per 1000. 3-ring supports, \$7.50 per 100; \$62.50 per 1000.

Write for price in large quantities.

CARNATION STAPLE, Pillsbury's. A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire. Price, 1,000 staples, 35c; 3000 for \$1.00.

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., \$3.00; in 3 doz. lots, doz., \$2.85.



DOVES, Vaughan's Flexible.

The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.

Doves have been very scarce for a year. First quality. Each, \$2.25; doz., \$22.50.

Extra Quality Birds.

Price, ea., \$2.50; 6 for \$12.50; doz., \$23.50.



Reeds, Raffia and Basket Bottoms

REEDS.			Per lb. 5 lbs. Per lb.		
No. 1.....	\$0.95	\$0.90	No. 5.....	\$0.75	\$0.70
No. 2.....	.90	.85	No. 6.....	.75	.70
No. 3.....	.85	.80	No. 7.....	.65	.60
No. 4.....	.80	.75	¾-inch Flat.....	.70	.65

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 45c; 5-lb. lots, per lb., 42c; 10-lb. lots, per lb., 40c; 100 lb., \$32.00. Bale lots (about 225 lbs.), per 100 lbs., \$30.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 85c; 5 lbs. at 80c; 10 lbs. at 78c; 25 lb. at 75c. Samples on application.

BASKET BOTTOMS, Veneered Basket Bottoms for Reed weaving.

Each	Per 100	Each	Per 100
3-inch, Round..	\$0.05 \$4.35	8x14-inch, Oval..	\$0.24 \$22.00
4-inch, ".....	.06½ 6.00	10x16-inch, ".....	.29 27.00
5-inch, ".....	.07½ 7.00	12x20-inch, ".....	.45 40.00
6-inch, ".....	.09½ 8.75	3-inch, Square....	.05 4.35
8-inch, ".....	.14 12.50	5-inch, ".....	.07 6.50
10-inch, ".....	.20 18.00	6-inch, ".....	.09½ 8.75
12-inch, ".....	.24 22.00	8-inch, ".....	.13½ 12.50
3x 6-inch, Oval.....	.08½ 7.50	10-inch, ".....	.20 18.00
4x 8-inch, ".....	.11 9.50	12-inch, ".....	.24 22.00
6x 10-inch, ".....	.15 13.00		

LETTERS AND FIGURES

IMMORTELLE LETTERING. Purple.
 Per 4-yard pkg. 95c; 6 pkgs. \$5.00.

IMMORTELLE LETTERS AND FIGURES.
 1½ or 2 inches in length, 5c each; 100, \$4.50.

BOSTON FLORISTS'. Patent fasteners with each letter, 1½ and 2 inches, per 100, \$3.50.

BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandma, Grandpa, Father, Mother, Brother, Sister, Rest, At Rest, Our, My, Finis and Friend. Per letter, each, 4½c.

PAPER SCRIPT WORDS. Gold finish. The best letter ever introduced for use on ribbon and chiffon in the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in a package. Price, less than 100 words, 5c per word; per 100 words, \$3.50; per 1000 words, \$20.00.

CLOCK DIALS. Purple face with white figures, or white face with purple figures. 4-inch., per doz., \$3.50; 7-inch, per doz., \$5.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package. 1¼-in. per 100, 75c; per 1000, \$3.50; ¾-in., per 100, 60c; per 1000, \$3.00.

CHENILLE LETTERING. Silk—Purple, scarlet, pink, light blue, yellow and white, at 75c per pkg. of 12 yds; \$7.50 per doz. pkgs.

Worsted, Large—Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 50c; per gross, \$5.00.

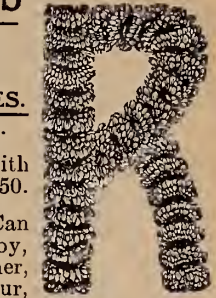
Worsted, Medium—12 yds., 40c; doz., \$4.20.

Worsted, Small—Same colors, 12 yards, 35c; gross, \$3.25.

Twisted Chenille, Large—Any color, 12 yds, 50c; gross, \$5.00.

WOOD EASELS

Strong, well made, finished in white enamel.			
Height	Per Doz.	Height	Per Doz.
30-inch.....	\$4.00	48-inch.....	\$6.00
36-inch.....	4.50	54-inch.....	6.50
42-inch.....	5.00	60-inch.....	7.75



CUT-FLOWER BOXES

All sizes packed 100 covers per bundle and 100 bottoms per bundle.

F. O. B. Chicago only

Printing \$3.75 extra. In gold \$7.50 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete stock and can usually fill orders promptly. When ordering printed boxes allow ten to twelve days extra for delivery.

Prices subject to change without notice owing to market conditions.

VAUGHAN'S "GREEN" GRADE.

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

Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x 18x5	35 lbs.	\$4.20	4x24x 8	70 lbs.	\$ 7.50
3 x 21x5	40 lbs.	4.60	5x28x 8	90 lbs.	9.00
3½x24x5	50 lbs.	5.50	5x36x 8	125 lbs.	11.25
3½x30x5	65 lbs.	6.50	6x40x10	165 lbs.	16.00

FLORAL DESIGN BOXES. (Gray.)

No. 25. 7x30x12.....	\$17.25	No. 27. 8x20x20.....	\$19.00
No. 26. 6x36x14.....	18.50	No. 28. 8x24x24.....	23.00

Packed 25 complete per bundle.

CORSAGE BOXES. Pearl Gray.

5x9x6, 30 lbs.....	\$3.90
5½x11x8, 45 lbs.....	4.90

Rubber Hose, Couplers, Nozzles, Etc.

ELECTRIC NON-KINKABLE GUARANTEED HOSE

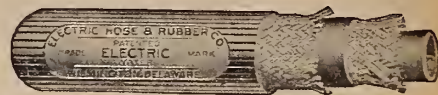
A brand of hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

Price $\frac{3}{4}$ or $\frac{1}{2}$ inch; couplings 15c per set; sample mailed free if desired.

1 to 24 feet.....	per ft. 22c	50 to 99 feet.....	per ft. 20c
25 to 49 feet.....	per ft. 21c	100 to 400 feet.....	per ft. 19c

In bales of 500 ft., 18c ft.



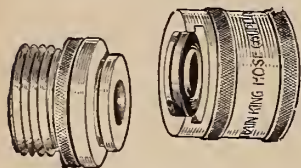
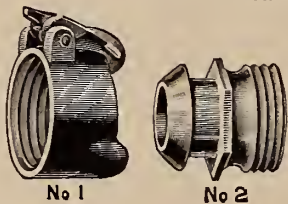
HOSE COUPLER, The "Snap."

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

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

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

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



INSTANTANEOUS

HOSE COUPLER. Instead of screwing your hose connections together, you can now snap them on instantly. Fits nozzles, sprinklers and standard hose connections. $\frac{3}{4}$ -inch. Price, 60c; doz., \$6.50.

HOSE MENDERS, Iron.— $\frac{3}{4}$ -in. Each, 7c; doz., 70c; gross, \$7.25.

HOSE CLAMPS, with nut and bolt. For $\frac{3}{4}$ -inch hose. Each, 5c; doz., 40c; gross, \$3.50.

PERFECT CLINCHING HOSE COUPLER.

$\frac{3}{4}$ -inch. Per pair, 25c; per doz., \$2.50.

PERFECT CLINCHING HOSE MENDER.

Each.....15c; doz., \$1.00.



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 $3\frac{3}{4}$ inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

Boston Rose Spray Nozzle—Brass. $\frac{3}{4}$ -inch hose. State whether coarse or fine spray is wanted. Each, \$1.35; by mail, \$1.45.

Bordeaux Spray Nozzle—For spraying insecticides and whitewashing. $\frac{1}{2}$ -in. hose. Each, 90c; by mail, 95c.

Vermorel Spray Nozzle—For spraying insecticides and whitewashing. For $\frac{1}{2}$ -inch hose. Each, 90c; by mail, 95c.

"Gem"—Throwing all variations, from fine spray to stream. Each, 75c.

HOSE STRAPS, Caldwell. For $\frac{1}{2}$, $\frac{3}{4}$ and 1 in. hose. Doz., 35c; gross, \$3.25.

HOSE WASHERS. $\frac{3}{4}$ -inch. Doz., 5c; gross, 50c.

HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers or mechanical skill to adjust them. Price: For $\frac{1}{2}$ or $\frac{3}{4}$ inch hose, each, 10c; 4 for 35c; doz., 90c. 1-inch hose, each, 12c.; doz., \$1.15.

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



Vaughan's Florist

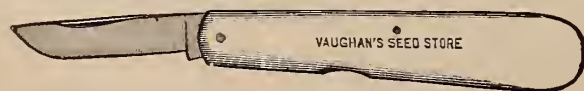
Florists' Knives

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. 5 A

Budding, No. 5A. Black handle; brass lined.....\$1.50 3 for \$4.25
Budding, Beech Handle. Per doz., \$4.0040 1.10



No. 109

Budding, Ivory Handle, No. 109......\$2.50 \$7.00
Potato Knife, Stationary blade, beech handle, right or left handed. Per doz., \$2.50..... .30 ...



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

Vaughan's Budding and Prop. No. 862S1, with Brass Caps, each, \$1.50; doz, \$12.50.

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

Vaughan's Florist—3 for \$3.00; 12 for \$10.50.....\$1.25
Propagating, No. 1545, White handle with nickel silver shackle for attaching to chain. 3 for \$3.50..... 1.25
Asparagus—American straight cut45
American Fishtail..... .50
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W 2.00
Vaughan's English No. 107—Heavy Prop., Ivory Handle with Brass Caps..... 3.00
Imported Nurseryman's Extra Heavy Pruner, No. 3C... 2.00
Imported strong, No. 2C 1.75
Putty Knife—No. 120, a very good tool; 3 for \$1.00..... .35
Pruning, Stag handle..... 2.25

Greenhouse and Garden Supplies

THERMOMETERS (Can be sent by mail at a small extra charge for packing.) 8-in., ordinary grade tin case thermometer, black lithographed scale, red perma-color tubes, each, 35c; doz., \$2.75.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.50; 3 for \$4.25.

Cabinet. Wood case; metal face. 8-in. cabinet thermometer, black oxidized metal scale mounted on wood back, easy reading red perma-color tubes, each, 75c; 3 for \$2.00.

Self-Registering. With magnet. 10-in., Maximum and Minimum registering thermometers mounted on substantial brass frame, guaranteed accurate, complete with magnet, each, \$5.50.

Minimum. For registering cold during absence and showing present temperature. 10-in., guaranteed accurate, each, \$2.25.

Hotbed (Mushrooms). Brass point, wood frame. 18-in., Hot Bed or soil thermometer, guaranteed accurate, each, \$2.75.

SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch single glass, each, \$3.10. 3 for \$9.00; doz., \$34.80. Glazed, single strength, each \$6.40; doz., \$73.20.

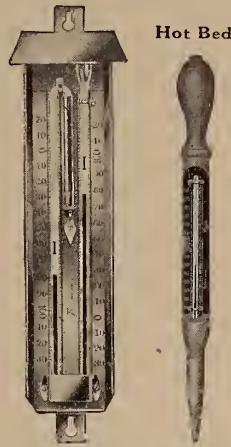
For 38 in. x 6 ft., for 4 rows, 8-inch single glass, unglazed, each, \$3.45; 3 for \$10.00; doz., \$38.60. Glazed, each, \$6.75; doz., \$78.00.

Our sash are made of clear air-dried Cypress. Unglazed sash are not painted. Glazed sash are painted one coat.

Add 95c per sash for double-strength glass. Above prices subject to market fluctuation.

CELLO GLASS Will take the place of glass in hotbed sash, unbreakable and very light in weight, put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$12.75; 100-ft. roll, \$46.50.

SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from 1/8 to 1/2 inch. Each, \$2.50.

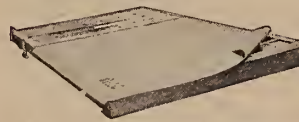


Hot Bed

PLANT BED CLOTH. A substantial substitute for glass, being light, can be easily and safely shipped.

Medium. 20 yds and up, per yd., 21c; 60 yds. and up, yd., 19c.

Heavy. 20 yds. and up, per yd., 30c; 60 yds. and up, yd., 28c. We do not sell less than 20 yds. of a kind; comes in 40- and 60-yd. lengths. Samples on application.



MILWAUKEE WATERPROOF HOTBED MATS. A combination of heavy weight burlap, felt and absorbent pulp, cemented together with a specially prepared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size, 40x78 inches. Each, \$2.25; doz., \$22.50. Size, 76x76 inches, each \$4.00; doz., \$40.00.

Write us for prices in continuous lengths.

MATS, Imported Hotbed. Superior to straw mats; very durable; size 76x76 inches. Each \$2.65; 3 for \$7.50; doz. \$27.00.

SYRINGES

English Brass.

No. 0. Length, 12 1/2 in.; 15-16 in. in diam..... \$2.35

No. D. 15 1/2 in. long, 1 1/2 in. in diam..... 4.00

No. 5. Best for general greenhouse use..... 6.50

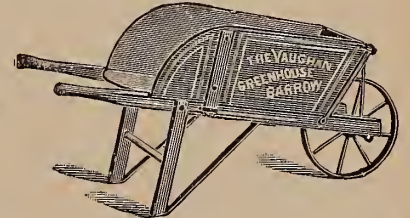
No. 12. 14 in. long, 1 in. in diam..... 3.75

No. 11. 18 in. long; 1 stream, 2 sprays..... 5.50

WHEELBARROWS

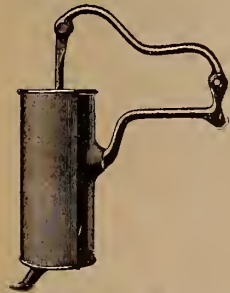
Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows:

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 tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. Legs reinforced. Price, each, \$9.25.



Glazing Tools, Materials and Paints

ALL THE BEST MATERIALS FOR GREENHOUSE USE



MASTICA MACHINE

MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).



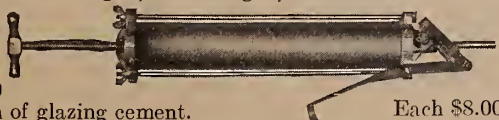
PUTTY BULB

Price, per gal., \$2.60; 5 gals., \$12.50; 10 gals., \$24.00.

MASTICA MACHINE—Each, \$3.25.

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

GLAZING GUN



Gratis with 40

or 60-gal. drum of glazing cement.

Each \$8.00

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., \$2.90; 5 gals., \$14.25; 10 gals., \$28.00.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid

putty in glazing greenhouses. Each, \$1.50; 3 for \$4.25; doz., \$14.00; in three doz. lots, doz., \$13.00; in six doz. lots, doz., \$12.50. If by mail (weight under 1 lb.).

GLAZING POINTS, Vaughan's Perfection—No rights or lefts

No. 2. For large single thick glass.

No. 2 1/2. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2 1/2 per lb. (about 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, 5/8 and 7/8-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of 5/8; over 1,000 points in 1-lb. pkg. of 7/8. Price: Per lb., 55c; 5 lbs., \$2.50; 20 lbs., \$9.00.



CLAMP, Peerless Repair

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.35.



DIAMOND GLASS CUTTER. With guide wheel. Each, \$4.50.

RED DEVIL GLASS CUTTER. Doz., \$2.00; each, 20c.

PUTTY KNIFE, No. 120. A very good tool. Each, 35c; 3 for \$1.00.

PAINT, Vaughan's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., \$3.60; 5 gals., \$16.25; 1/2 bbl., at \$2.95 gal.



Insect Destroyers



Unmailable—Insecticides containing Poison CANNOT be Sent by Mail—by Express only.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c; ½ lb. can, \$1.25, makes 40 to 100 gallons; 2-lb. can, \$3.25, makes 200 to 500 gallons; 10-lb. can, \$11.85, makes 840 to 2100 gallons.



LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00. Write for prices in barrel lots.

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; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$14.00.

ANTROL. Sets containing 4 jars and 4-oz. bottle of syrup, price \$1.00; extra jars each 15c. 4 oz. bottle syrup 50. Pint bottle of syrup \$1.00; gal. \$4.00.



ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 35c; smaller size, 20c; by mail 5c. extra.

APHINE. 1 pt., 65c; 1 qt., \$1.00; 1 gal., \$3.00.

CALCIUM, ARSENATE. (Dry.) Lb., 50c; 4 lbs., \$1.60.

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., 40c; 4 lbs., \$1.50; case of 24 lbs., \$5.25.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ½ lb., 25c.

DERRISOL. Is an odorless nonpoisonous 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; 8 ozs., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.



EVERGREEN. Non-poisonous insecticide. 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 32-oz. bottle, \$3.85; gallon bottle, \$13.00.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$6.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 65c; 1 qt., \$1.00; gal., \$3.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95c; 10 lbs., \$1.80.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.00; 5-lb. tin, \$3.75; 10-lb. tin, \$6.85.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 35c; pt., 60c; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent. nicotine. ¼ lb., 75c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

"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, \$5.00; 288 sheets, \$8.75.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings Gladiolus and disinfection of seed bed soil. Prices, 2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$51.25; 100 lbs., \$120.00. Write for leaflets stating for what purpose desired.

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

SNAROL. An insecticide bait to combat snails, cutworms, sow bugs and grasshoppers. Price, 1 lb., 50c; 3 lbs., \$1.00; 15 lbs., \$3.75.

ACME ALL ROUND SPRAY. The latest improvement in the insecticide field, one product which will combat blight and fungus diseases, control sucking insects and destroy chewing insects in one application; safe to use on almost all fruits, vegetables, flowers and shrubs. Per ¼ lb., 35c; 1 lb., 85c.



TWO-WAY SPRAY. (Dry.) Combination insecticide and fungicide, containing arsenate of lead and Bordeaux mixture. Price, lb., 50c; 4 lbs., \$1.50; 100 lbs., \$21.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.50.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 50c; 4 lbs., \$1.75; case of 32 lbs., \$9.00; 100 lbs., \$22.00.

PYROX. Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.



NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; ½ pt., \$1.10; pt., \$2.00; 3 pts., \$5.75; original case 10 pts., \$18.00. 40% grade. 4 lbs., \$7.00; 8 lbs., \$13.50.

PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. ¼ lb., 20c; ½ lb., 35c; per lb., 55c; 5 lbs., \$2.50; 14 lbs., \$6.00.

SULPHO-TOBACCO SOAP. One of the best remedies for greenfly on roses and house plants. Per ½-lb. box, 25c; by mail, 30c. 3-oz. package, each, 15c; by mail, 20c.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 75c; gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60. Write for price in barrel lots.



SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb. 25c; 5 lb. package, 60c; 25 to 50 lbs., at 10c per lb. Per keg 125 lbs., \$12.00; barrel, 250 lbs. in bulk, \$23.00. Slug Shot Duster. ½ gal. size, 60c.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., \$1.10; gal., \$3.25.

TOBACCO DUST. (Regular Grade.) 5 lbs., 35c; 10 lbs., 60c; 100 lbs., \$4.00.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$9.50; 1000 lbs., \$18.00.

TREE TANGLEFOOT. Perfect safeguard for trees. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.



VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. Pint, 65c; quart, \$1.00; gal., \$3.00.

***VOLCK.** The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. ½ pint, 50c; pint, 75c; qt., \$1.00; gal., \$3.00; 5 gal., \$12.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew scale, etc. Price, ½ pint, 40c; quart, \$1.00; gallon, \$3.00; 5 gallons for \$12.00.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.



Sprayers, Blowers and Sprinklers

Standard Spray Pump. This pump is bucket, barrel or knapsack pump, as desired. Price, \$5.00. With knapsack and curved extension, \$9.25.



Armstrong Standard Spray Pump

Auto Spray. Eight to ten strokes, compresses enough air to discharge entire contents. Fitted with "Auto Pop" automatic valve, which is closed by the air pressure. In operation a lever is moved, opening the valve and allowing an instantaneous discharge of spray. Price, including extension rod: Galvanized iron reservoir, with Auto Pop, \$6.50; solid copper reservoir, with Auto Pop, \$9.00. Brass Extension Rod, in 2-ft. lengths, each, 50c.



Success Spray Pump

Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, \$7.00.

The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickel plated iron; construction simple. Each, \$2.75.

Perfection Sprayer. The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides. Two styles.

Galv'zed steel, \$6.50; solid brass, \$9.00.



THE HUDSON PERFECTION SPRAYER

WHEELBARROW SPRAYER

Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 12½ gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$22.50. Shipping weight, 80 lbs.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Each, \$14.00.



The American Beauty Dust Sprayer

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 \$18.00.**

Write for leaflet of the American Beauty Dust Sprayer.



See page 58 for Insecticide Nozzles


POWDER GUNS. The best dry powder guns for blowing powder on plants and insects.

Cyclone. Each, 20c. **Jumbo,** each, 45c.

SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

We are General Western Agents


None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each \$1.35; doz., \$13.50.



Pneumatic Sprayer. Compressed air hand-sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides. 1-qt. size. Galvanized Tank; each, \$1.25; brass tank, each, \$2.00.

DUSTER—Leggett's Little Giant.

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

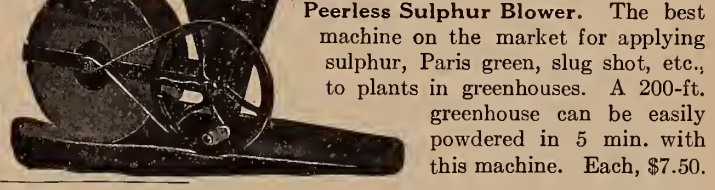


LITTLE GIANT DUSTER

DUSTER. Lowell. Handy for dusting any dry insecticide. Operated same as hand-sprayer. Each, 85c; 3 for \$2.25.

POWDER BELLOWS. For dusting with sulphur or like material. Made of hardwood with best calfskin, receivers in polished zinc with large opening for powder. 17-in., each, \$1.85; 21-in., each, \$2.85.

Peerless Sulphur Blower. The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A 200-ft. greenhouse can be easily powdered in 5 min. with this machine. Each, \$7.50.



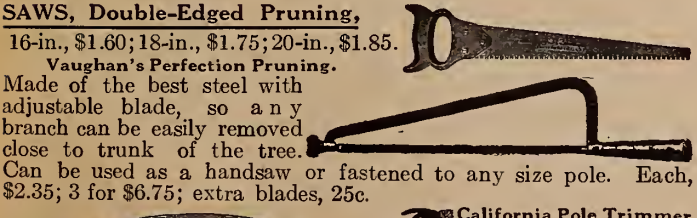
Trowels, Lawn and Pruning Tools

SAWS, Double-Edged Pruning,

16-in., \$1.60; 18-in., \$1.75; 20-in., \$1.85.

Vaughan's Perfection Pruning.

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



California Pole Trimmer

Curved, draw-cut saw with crook for removing branches. Each, \$2.35.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.85.

SHEARS, Pruning. 6-in., \$1.50; 9-in., \$1.75. Extra springs, ea., 15c.

Levin's Improved. Each, 85c.

Henckel Twin Brand Imported Pruning Shears, with ratchet, 7½-inch. Each, \$2.75; 8½-inch, each, \$3.25; 9½-inch, each, \$3.75.

Henckel. Calif. pattern, with brass spring. Each, \$3.50.



Grass. Vaughan Doo-Klip, for trimming around beds. Each, \$1.25.

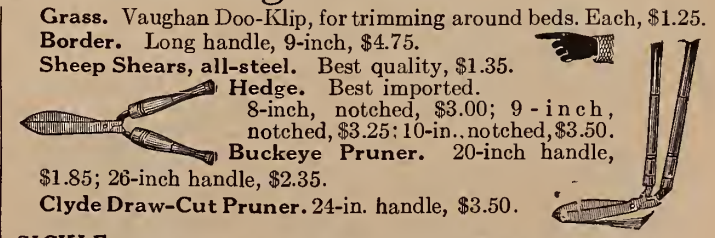
Border. Long handle, 9-inch, \$4.75.

Sheep Shears, all-steel. Best quality, \$1.35.

Hedge. Best imported. 8-inch, notched, \$3.00; 9-inch, notched, \$3.25; 10-inch, notched, \$3.50.

Buckeye Pruner. 20-inch handle, \$1.85; 26-inch handle, \$2.35.

Clyde Draw-Cut Pruner. 24-in. handle, \$3.50.



SICKLE. Grass Hook. (English, Riveted Back.) Each, 85c.

Domestic Knuckle Saver. Each, 85c.


TREE PRUNERS. Waters' 6 ft., \$1.65; 8 ft., \$1.85; 10 ft., \$2.00; 12 ft., \$2.25. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Ea., \$5.50.

TROWELS. Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 95c; 3 for \$2.75; 6 for \$4.50; 12 for \$8.50.

Ordinary Garden Trowel. 6-inch, 15c; dozen, \$1.50.

English Steel. An excellent trowel, neat and durable; 6-inch, each, 35c; 3 for \$1.00; dozen, \$3.00.



Stakes, Pots and Tubs

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.60; 500 for \$6.00; per 1000, \$10.00. (If shipped from New York, per 100, \$1.85; 500 for \$7.25; per 1000, \$12.50.) Special price on larger lots on application.

Heavier Grade. 1/2 run 8 to 9 ft.; 1/2 9 to 10 ft.; balance 10 to 11 ft. Weight about 250 pounds per 1000. Price (if shipped from Chicago), per 100, \$2.40; 500 for \$9.50; 1000, \$16.50. (If shipped from New York, per 100, \$2.65; per 500, \$10.00; per 1000, \$18.00.)

Japanese Bamboo Stakes, Plain and Green Painted.

	Per 100	Per 1000		Per 100	Per 1000
1 1/2 feet.....	\$0.60	\$3.00	3 feet.....	\$1.00	\$5.50
2 feet.....	.75	3.95	3 1/2 feet.....	1.10	6.25
2 1/2 feet.....	.90	4.75	4 feet.....	1.25	7.00
Natural. 6 ft..	1.50	11.00	Write for price in bale lots.		

Pipe Stems, 4 to 6 ft. long, weight, per 1000, 54 lbs. F. O. B. Chicago, 100 for \$1.00; 500, \$4.00; 1000, \$7.25.

Heavy Chinese Tonkin Stakes, Natural Color. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F.o.b.	
		New York	Chicago
4 ft.	1/2 to 3/8 inch.....	\$3.50	\$4.00
4 ft.	3/4 inch.....	5.50	5.75
5 ft.	5/8 to 3/4 inch.....	6.25	6.75
6 ft.	3/4 to 7/8 inch.....	6.50	7.50
8 ft.	7/8 to 1 inch.....	7.50	8.50

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.

No. of Gauge, No. 9 Wire	100	1000	No. 8 Wire	100	1000
1 1/2 feet.....	\$0.80	\$ 5.50	3 1/2 feet.....	\$1.90	\$15.65
2 feet.....	1.00	7.25	4 feet.....	2.15	16.95
2 1/2 feet.....	1.20	9.00	5 feet.....	2.50	20.00
3 feet.....	1.40	10.50	6 feet.....	2.95	24.95

CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price, \$2.25 per 1000. Samples mailed free.



GRAFTING WAX. Per 1/4-lb. bar, 20c; 1/2-lb. bar, 30c; 1 lb., 50c.



SOD CRUSHERS.

No. 1 Machine. Total height, 46 inches; size of roll, 6x21 inches; suitable for 5,000 feet or less of glass. Each, \$22.50

No. 2 Machine. Total height, 46 inches; size of roll, 6x42; suitable for large establishment. Each, \$32.50.

FLOWER TUBS. "Richmond Style."

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



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

If handles are required, add 35c per tub.

Prices on pots subject to change without notice

IMPROVED NEPONSET PAPER FLOWER



POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	f. o. b. New York	Per 1000, f. o. b. Chicago	Original 1000 hold crates	Gross wt. of 1000 pots about
2 1/4.....	\$0.55	\$ 4.00	\$ 4.10.....	1000.....	12 lbs.
2 1/2.....	.60	4.45	4.65.....	1000.....	17 lbs.
3.....	1.00	5.60	5.85.....	1000.....	23 lbs.
3 1/2.....	1.10	7.35	7.65.....	1000.....	35 lbs.
4.....	1.20	8.85	9.35.....	500.....	46 lbs.
5.....	1.85	13.70	14.45.....	500.....	80 lbs.
6.....	2.40	18.00	19.00.....	500.....	110 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

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

No. of Pots in crate	Sold in Crate	Per 1000	No. of Pots in crate	Per 1000
2 in.....	1500.....	\$ 8.25	6 in.....	117.....
2 1/2 in.....	1200.....	11.00	7 in.....	99.....
3 in.....	800.....	14.00	8 in.....	50.....
4 in.....	360.....	2.90	9 in.....	28.....
5 in.....	240.....	4.45	10 in.....	24.....
			12 in.....	6.....



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.....

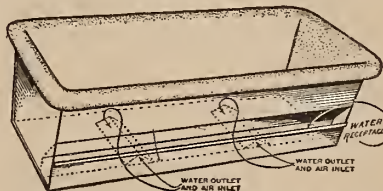
BULB PANS

5 inch.....	Doz. Per 100	8 inch.....	Doz. Per 100
\$0.80	\$4.45	\$2.25	\$15.20
.95	6.60	3.85	29.00
1.70	10.90		

THE LITTLE WONDER NO-DRIP HANGING BASKET.

A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and no-drip feature of this basket make it an ideal basket for either porch or inside use.

5-inch.....	Each	Doz.	9-inch.....	Each	Doz.
\$0.85	\$9.00	\$1.60	\$1.60	\$16.20	
.95	9.50	2.25	24.00		
1.10	11.40				



Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight.

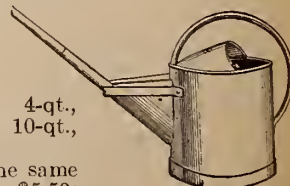
Length	Width	Depth	Price
24 inch	8 1/2 inch	6 1/4 inch	\$1.65
30 inch	8 1/2 inch	6 1/4 inch	2.10
36 inch	8 1/2 inch	6 1/4 inch	2.85
42 inch	8 1/2 inch	6 1/4 inch	3.50

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

WATERING POTS. American.

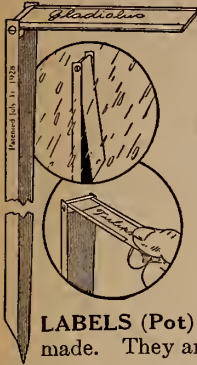
Heavy galvanized round can, 2 copper-faced roses, long sprouts. 4-qt., \$4.35; 6-qt. \$4.75; 8-qt., \$4.95; 10-qt., \$5.35; 12-qt., \$5.85.

French Style. Oval, otherwise the same make as above. 6-qt., \$5.20; 8-qt. \$5.50; 10-qt., \$5.95; 12-qt., \$6.65.



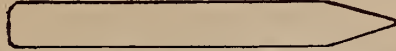
French Style

Labels, Paper, and Pot Covers



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

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



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

Wooden,	4-in., plain,	10,000,	\$12.50	Per 1000	Painted
"	4 "	"painted,	\$16.00	\$1.35	1.75
"	5 "			1.60	2.20
"	6 "			2.00	2.65
"	8 "			5.60	6.60
"	10 "			6.85	8.00
"	12 "			9.50	11.00

LABELS (Tree).

Wooden,	3 1/2 in. iron wired,	per 1000	Plain	Painted
"	3 1/2 in. copper wired,	per 1000	\$1.60	\$2.00
			1.95	2.35

COPPER LABELS. Wired, indestructible. Per 100, \$1.60; larger size, per 100, \$2.25.

CYPRESS LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of 3/8-inch timber. Paint with white lead before using, and write before paint dries.

Length, 16 inches	per 100,	\$3.75
" 18 inches	" "	4.75

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. The writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3 3/4 x 3/4 inches. Price per 100, \$1.60.

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

Paper

Prices on Paper subject to Market changes.

American Beauty Tissue. 24x36 inches, f. o. b. New York, ream (480 sheets), \$1.60; 10 reams (4800 sheets), \$14.50; f.o.b. Chicago, ream (400 sheets), \$1.35; 10 reams (4000 sheets) \$11.50.

Florists' Pure White Tissue. 24x36 inches, f. o. b. Chicago, 2000 sheets, \$7.00; 400 sheets, \$1.50; f. o. b. New York, 2400 sheets, \$8.40; 480 sheets, \$1.80.

White Wax. Medium, 24x36 inches; f.o.b. Chicago, 400 sheets, \$2.00; f.o.b. New York, 480 sheets, \$2.50.

Green Wax. Beautiful shade light green, 24x36 in., f.o.b. Chicago, 400 sheets, \$2.25; f.o.b. New York, 480 sheets, \$2.70.

Green Wax Paper. 3-inch rolls; a time-saver and no waste; 12 lbs. to a box. Per box of 12 rolls, \$2.50.



Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 40c; per doz., \$4.00; per 100 rolls, \$26.50.

Florists' Watermarked Wrapping Paper. "Say it with Flowers" combining two essentials, Paper and Publicity. Made in two colors, bleached white and cloud green. Rolls, sizes 24 in., 30 in., 36 in. wide. Price per lb., 15c. Write for prices in larger quantities.

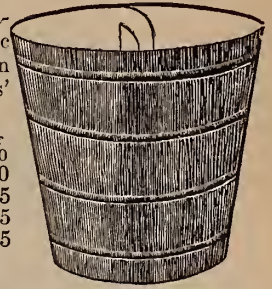
Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 9c.

PENCILS, Weatherproof. For marking labels. Each, 10c; doz., \$1.00.

PORTO RICO MATS. These artistic mats used for decorating all blooming plants. Assorted colors, plain and two-tone, per doz., \$1.80; per 100, \$9.50.



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



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

Specify size and design when ordering.

POT COVERS, Crepe Paper. Rubber bands running through them for adjustment on pot; are without bottom. Doz. 100

No. 1—To cover 5 or 6-in. pot	\$0.85	\$ 5.50
No. 2—To cover 6 or 7-in. pot	1.00	7.50
No. 3—To cover 8 or 9-in. pot	1.35	9.00
No. 4—To cover 10-in. pot	1.50	11.00

VASE. Green Earthenware

Cemetery. A strong and ornamental vase, that keeps its color. Each, 35c; per dozen, \$3.20; 3 dozen for \$9.00.

Tin, Green Painted, with spike. Each, 20c; doz. \$1.80; 3 doz. for \$4.50.



Tin, Green Vase

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.



Galv. Vase



Green Cemetery Vase

Style	Diameter		Ht.	Per Doz.	Price	Style	Diameter		Ht.	Per Doz.	Price
	Top	Bot.					Top	Bot.			
253	4 3/4 in.	3 1/2 in.	10 in.	\$4.50	65	7 1/2 in.	6 1/2 in.	8 in.	\$5.00		
255	6 1/2 in.	5 1/2 in.	12 in.	6.75	66	9 in.	7 1/2 in.	10 in.	6.00		
257	6 1/2 in.	5 1/2 in.	15 in.	7.80	68	9 in.	7 1/2 in.	12 1/2 in.	9.00		
57	5 in.	3 1/2 in.	5 in.	2.75	69	9 in.	7 1/2 in.	18 in.	12.00		
59	6 1/2 in.	5 1/2 in.	7 in.	4.20	70	9 in.	7 1/2 in.	24 in.	13.20		

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.

SUCTION FLOWER HOLDERS

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



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



SPHAGNUM MOSS

Bright, Clean, New Growth,
Free from Brush or Grass

VAUGHAN'S
CLEAN SPHAGNUM
FOR FLORISTS

Burlapped Bales

THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

For carloads write us.

BURLAPPED BALES. (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots per bale, \$1.25; 25-bale lots per bale, \$1.10. Write for price on moss in large quantities F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. CHICAGO. Single bale, \$1.50; 5 bales, \$7.00; 10 bales, \$13.50. Write for price on larger quantities.

New York Prices, 35 cents per bale higher. Cartage free.

GREEN SHEET MOSS, for Windows, Baskets, etc.

per sack, \$2.25; 5 sacks, per sack, \$2.00.
Above prices subject to change without notice.

Ribbons and Chiffons



Nu Idea Fibre

Nu Idea Silk Fibre Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Price per spool, \$1.15. Box of 20 spools at \$1.00 spool.

Plain Edge Metaline Shower Ribbon No. 2. 50-yard spool, \$1.00.

Pecot Edge Metaline Shower Ribbon. Something new and very rich looking. Price per reel of 50 yds., \$1.25.

Pecot Edge Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, \$1.25.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., \$6.75.

Fibre Ribbon. Silk finish, 1-inch width; all colors. 50-yard bolt, \$1.50.

Rayon Ribbon. A firmly woven and lustrous ribbon, 4½ inches wide, with pressed embossed edges; very beautiful and effective on baskets, funeral work, bouquets and door badges. 25 to 35 yards to a piece. Price, per yd., 13c; price, 5 piece lots, 12c per yd.

Chiffon. 150 width, beautiful quality, three silk stripes on each side in all colors. Suitable for the better grade of wedding work, etc. 40-yard bolt, per yd., 9c.

Rayon Gauze. Netting effect, lustrous line of colors, beautiful in appearance, inexpensive in price, per yd., 5c.

Metaline. Pattern 7500, has a woven edge and positively cannot fray or pull out. 6-inch edges, highly lustrous, adaptable for basket and funeral work, all colors. 40-yd. pieces, per yd., 8½c.

Ribbonzene Crinkle Ribbon No. 1.

All colors. 500-yard spool, \$1.15; doz. spools, \$12.00.



Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 8c. Six bolts at 8½c per yard.



Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 6½c; 6-inch, per yard, 8c.

Plain 3-Stripe French Chiffon. Superior quality. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade: Four-inch, per yard, 5c; 6-inch, per yard, 6½c; in 12-bolt lots, 6c per yard.

Corsage Shields. Lacette's. All colors. Per doz., \$2.00; gross, \$21.00.

Corsage Pins, 4-inch; assorted colors. Per gross, \$2.00.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, \$6.50.

Books on Florists' Problems

BOOKS. Prices quoted below include postage, and are subject to change without notice.

Bulbs. The book for Spring, Summer, Fall and Winter Flowering, Bulbs and Lilies. By Roekewell. Illustrated. \$3.10

Cyclopedia. Bailey's New Standard of Horticulture. 3 volumes; 3639 pages. 25.00

Dahlia Culture, A Little Book of Modern. By Waite. Illustrated. Cloth, 126 pages. 1.65

Fertilizers. By Prof. Voorhees. The best book on this important subject. Easy, comprehensible style. 2.60

Floral Designs de Luxe. 355 designs. 5.00

Foundation Planting. By L. H. Johnson. Illustrated. Over two hundred black and white illustrations. 3.60

Gladiolus, The. By A. C. Beal, Ph.D. Illustrated. 128 pages. 1.35

Greenhouse Construction. By Richard T. Muller. Illustrated. 141 pages. 1.65

Greenhouse Management. By L. R. Taft. Illus. Cloth. 2.35

Farm and Garden Rule Book. Contains much valuable information. By L. H. Bailey. Cloth. 3.10

Iris, The. By Wister. Cloth, 128 pages. 1.35

BOOKS. (Continued)

Insects and Insecticides. C. M. Weed. Illus. 334 pp. \$1.80

Mushroom Growing. By B. M. Duggar. Illustrated. Cloth, 250 pp. 2.10

Nursery Manual, The. Bailey. Cloth. 12 mo. 2.60

Plant Culture. By Oliver. Illustrated. Cloth. 442 pages. 3.65

Plant Propagation Greenhouse and Nursery Practice. By M. G. Kains, Cloth, 322 pp. 2.35

Practical Landscape Gardening. By Robert B. Cridland, Landscape Architect, Illustrated. Cloth. 2.65

Pruning Manual, The. Bailey. Illus. 407 pp. 2.60

Rock Gardens. By Rockwell. Illustrated. 86 pages. 1.10

Roses and Their Culture. By S. C. Hubbard. 127 pages. 1.35

Shrubs. The Book of. By Hottes. Illustrated. 371 pages. 3.10

The Book of Water Gardening. Peter Bisset. Cloth. 5.00

Fritz Bahr's Commercial Floriculture. A practical manual for the retail grower. 5.50

Vegetable Forcing. Watts. Cloth. 2.60

Write for our more complete list of Garden Books.

Wreath and Bouquet Materials

Prepared Leaves, Sprays and Mosses

JAPANESE AIR PLANTS. Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15c; doz., \$1.35; 100, \$9.50.

IMMORTElLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch, 50c; doz., \$4.80; 50 bunches, \$18.50. In case lots of 125 bunches, \$35.00 per 100 bunches.

Natural (Yellow), bunch, 50c; dozen, \$4.80; 50 bunches, \$17.50. In case lots, of 125 bunches, \$34.00 per 100 bunches.



MAGNOLIA. Bronze, Green, Purple. Most popular leaf ever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color per carton, \$1.65; 6 at \$1.60 each. Red, per carton, \$2.00. Case of 100 lbs., \$21.00.

LYCOPodium, Prepared. 10 lbs. to carton. Price, per carton, \$2.75; 3 cartons, \$2.65 per carton. Write for price in bulk.

OAK LEAVES, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.60; 6 cartons, \$1.50 each.

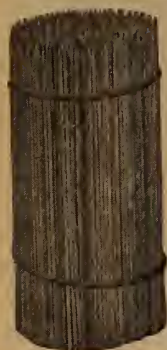
OAK SPRAYS, Prepared. Large selected branches in Red, Brown and Green. Price, per lb., .35c; 10 lbs., \$3.00. Write for prices in case lots.

IMPORTED STATICE. Used extensively in Wreaths and Baskets. Natural, per lb., \$1.00; 10 lbs. for \$9.00.

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

GREEN WIRED MATCH-STICKS. 4-inch box of 4,500, \$3.25; 6-in. box of 3,000, \$2.50.

TOOTH PICKS. Wired. A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, \$2.75 per box; case of 50,000, \$11.50.



Wood. 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 15 boxes, \$1.00; 35 boxes, \$2.00; 1 case, 100 boxes, \$4.75.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc. \$2.25 per box of about 1,000.

FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, \$2.35.

TIN FOIL. Price subject to change without notice. Terms cash.

Florists' Foil. 5, 6 or 7 inch, 1 lb., 22c; 10 lbs., \$2.20; 25 lbs., \$5.00; 50 lbs., \$9.00; 100 lbs., \$16.50.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.50.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 boxes, 75c; 10 boxes for \$6.50.



WHEAT SHEAVES. Write for prices.



CYCAS LEAVES. Prices subject to change without notice.

Length	Doz.	100	Length	Doz.	100
8 to 12 in.	\$0.60	\$2.75	28 to 32 in.	\$1.15	\$6.00
12 to 16 in.	.70	3.00	32 to 36 in.	1.35	7.00
16 to 20 in.	.85	3.75	36 to 40 in.	1.50	8.50
20 to 24 in.	.95	4.50	40 to 44 in.	1.75	9.50
24 to 28 in.	1.00	5.00	44 to 48 in.	2.00	10.50

WIRE. (Prices subject to change.)

Bright Annealed.

	Per lb.	6 lbs.	12 lbs.
No. 18.	.25	\$.075	\$1.10
No. 20.	.25	.85	1.25
No. 22.	.30	1.00	1.35
No. 24.	.35	1.15	1.60
No. 26.	.35	1.30	1.75
No. 28.	.40	1.40	2.00
No. 36.	.70	2.50	3.25



FLORISTS' CUT WIRE. Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price.....	\$1.35	\$1.50	\$1.60	\$1.65	\$2.25	\$2.75



TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, \$2.25. Write for prices in larger quantities.

Polished Cotton. No. 228, for parcels. Per lb., 55c.

Jute. For bunching; 2 or 3-ply. Per lb., 32c; 10 lbs., \$2.75; per 100 lbs. \$23.00.

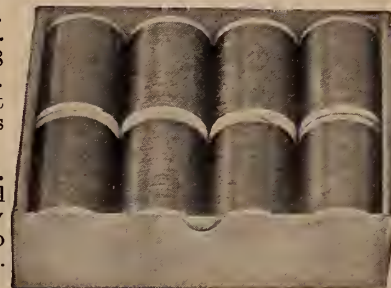
Silkalene. For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25.

Florists' Thread, Green.

Similar to Silkalene. Samples on application. 8 spools to a box. Per lb. box, \$1.35; 10 boxes at \$1.25 per box; 25 boxes at \$1.10 per box.

Green Sea Island Twine.

Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 75c. 5 boxes at 70c per box.



FLORISTS' SNIPS

(Especially suitable for cutting wire, etc.) Each, \$1.25; 3 for \$3.50.

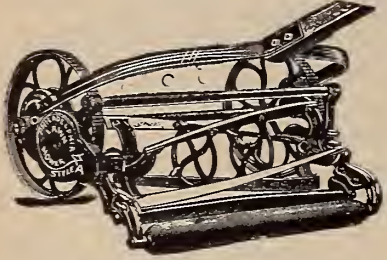


Improved Dental Snips. For cutting annealed wire, ribbons, chiffons, etc. Each, \$1.25; 3 for \$3.50.

IMPORTED NICKEL PLATED FLORISTS' SNIPS. For cutting wire chiffon ribbon, etc. A very handy pocket snip. Each, \$1.50.

Lawn Supplies for Parks and Cemeteries

Lawn Mowers



Philadelphia Lawn Mower

The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. We list the three highest grade machines made by the Philadelphia company. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
\$18.50	\$20.50	\$23.50	\$25.50

Style K. Cylinder with 5 blades. Driving wheel 10 inches. Big bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
\$15.50	\$17.50	\$19.50	\$21.50

Graham. Named for the president of the Philadelphia company. The finest lawn mower made. All steel cylinder, 4 blades. Driving wheels 10 inches. Train of gears for easy running on both sides. Bearings absolutely accurate. Wheels, gears and cylinders can be removed without disturbing other adjustments.

17 in.	19 in.
\$24.00	\$26.00

Pilot Ball-Bearing A Reasonably Priced Durable Lawn Mower.

Drive Wheels—9 inches; open spoke design; revolve on steel bearings.
Reel—5½ inches in diameter; malleable spiders; steel shaft.

Gears—Double; one in each wheel; flat steel pawls.
Blades—Four crucible tool steel, hardened and tempered.

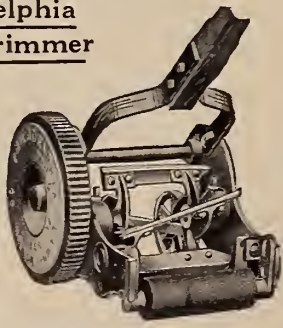
Ball-Bearings—Self-adjusting; dust-proof.
Bottom Knife—Tool steel; self-sharpening.

This mower is very graceful in outline and one of the easiest-running machines on the market. Handsomely finished in aluminum bronze with blue and gold decorations.

14-inch	16-inch	18-inch
\$9.00	\$9.50	\$10.00

Philadelphia Lawn Trimmer

Does what Lawn Mower leaves undone. Having one side without wheel, it can run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc. Price, each \$9.50, complete.



PERFECTION GRASS CATCHERS

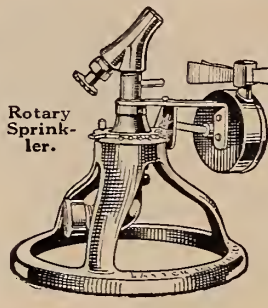
Something new and better made of extra heavy white duck, extra heavy galvanized roller, flanged bottom which is so made that when catcher is attached directly over roller of mower, grass will slide backward to lower level of catcher. Extra heavy galvanized wire frame, adjustable steel hooks which will fit any mower made.

No. 301 Adjustable to mowers 12-16 inches. Each, \$1.25.

No. 306 Adjustable to mower 16-20 inches Each, \$1.50.

Write us for price and leaflet on Motor Mowers.

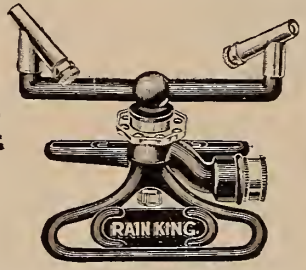
ROTARY AND OSCILLATING SPRINKLER



Rotary Sprinkler.

This sprinkler is adjustable at will from bell-shaped spray or full stream, half or full circle, 15 to 80 feet diameter. It is a pleasure to watch this sprinkler in operation. It does the work better than a man can do it. Saves time, labor and money.

Each, \$9.00; 3 for \$25.00.



STANDARD RAIN KING

Combines all the best features of both stationary and revolving sprinklers. Waters the largest lawns or the smallest corners, strips and odd-shaped places. Sprinkles in two directions at once or concentrates wherever water is wanted. Gives a gentle mist, a soaking downpour or light shower—all at instant command. Each, \$3 50; 3 for \$10.00.



THE EVANSTON SPRINKLER

One of the best lawn sprinkler on the market; has no revolving parts to wear out and will not clog with sand or dirt. Gives an even distribution of water over a large area. 2 lbs. Each, 70c; 3 for \$2.00.

Lincoln Park or Butterfly

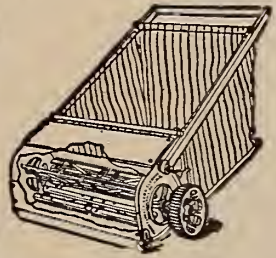
Cheapest and best Sprinkler made. Each, 35c.

Mounted on stand: 2-foot, 95c; 4-foot, \$1.10; 6-foot, \$1.25.

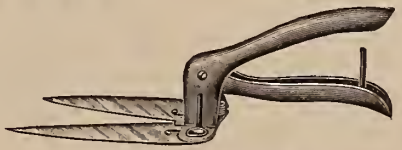


Gem Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. Price, 24-inch wide, each, \$31.00.



Vaughan's Doo-Klip Grass Shear



Each, \$1.35; 3 for \$3.75.

Grass or Sheep Shear

6-inch, full polished. Each, \$1.25.



THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width, is taken out at the start. Price, \$35.00.

Lawn Rollers



Genuine Dunham Water-Weight Rollers

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively 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. in.	Wt., tons	Filled empty water	Price
WB5.....	18	24	1	85	265	\$15.00
WB7.....	24	24	1	110	420	17.00
WB9.....	24	32	1	130	565	19.00

Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	Diam. in.	Length in.	Sec. in.	Wt., tons	Filled empty water	Price
WB2.....	14	24	1	68	175	\$10.50
WB4.....	18	24	1	82	265	12.00

Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

WEED KILLER

Atlas Non-poisonous. Clean, odorless, stainless, non-poisonous to man and all kinds of livestock, but highly destructive to plant life.

DRY SUPER CONCENTRATE (Mailable)
Small cans (make 2½ gals. of weed killer)... \$0.50
Large cans (make 20 gals. of weed killer)... 2.00

LIQUID SUPER CONCENTRATE
5 gallons drums (will treat 2,500 sq. ft.)... \$ 8.00
30 gallons drums (will treat 15,000 sq. ft.)... 37.50
50 gallons drums (will treat 25,000 sq. ft.)... 55.00

Grass Hooks or Sickles

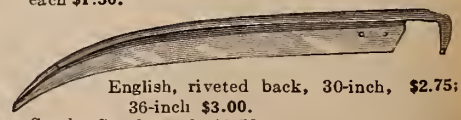
English, Riveted back. Each... 75c
Domestic. Best quality... 75c



Kelly No. 4. Perfect grass hook. Each, 65c.

SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes, 32 inch, each \$1.50.



English, riveted back, 30-inch, \$2.75;
36-inch \$3.00.
Scythe Snath, each, \$1.50.
Scythe Stone. Natural, 15c each.

VAUGHAN'S HIGH-GRADE FERTILIZERS

The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth

VAUGHAN'S LAWN AND GARDEN FERTILIZER (6-8-6)

Six per cent nitrogen; eight per cent phosphoric acid; six per cent potash.

This mixture differs from our balanced plant ration, in that it is composed of plant foods in mineral form. The advantages of mineral fertilizer include the absence of objectionable odor, and the quality of being more readily soluble, which makes it more quickly effective upon plant growth. The formula of this mixture, 6-8-6, is very close to that of Vaughan's Balanced Plant Ration. If it is necessary to store fertilizer in a cellar, garage or any similar place where a pronounced odor is objectionable, then the mineral fertilizer is preferable. This is an excellent mixture for regular use in the garden plot in small quantities to insure vigorous growth.

For a new lawn, broadcast evenly 30 to 40 lbs. per 1000 square feet. To stimulate an old lawn, apply 20 to 30 lbs. per 1000 square feet, and during the growing season, wash it down immediately with the hose to prevent burning. For flowers and vegetables, use from 4 to 6 lbs. per 100 square feet.

5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.65; 50 lbs., \$2.65; 100 lbs., \$4.50; 250 lbs., \$10.90; 500 lbs., \$20.00; 1,000 lbs., \$39.00; 2,000 lbs., \$76.00.

BONE, BLOOD AND POTASH

Fertilizer Mixture (Analysis) 5-8-7

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a money-maker. For potting soil, 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., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.45; 500 lbs., \$14.35; 1000 lbs., \$27.85; 2000 lbs., \$55.00.

BONE AND BLOOD. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.60; 50 lbs., \$2.40; 100 lbs., \$3.70; 250 lbs., \$8.70; 500 lbs., \$16.25; 1000 lbs., \$30.50; 2000 lbs., \$59.50.

NITROPHOSKA. A highly concentrated inorganic fertilizer containing 15% nitrogen, 30% phosphoric acid and 15% potash, clean and odorless, very quick acting. Price, 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$3.75; 50 lbs., \$6.35; 100 lbs., \$11.00.

PEAT MOSS GRANULATED. A moisture retaining humus, an important aid in saving soil fertility. Better than manure.

Bale, about 190 lbs., \$4.50; in 5-Bale lots, \$4.00 per Bale; in 10-Bale lots, \$3.75 per Bale.

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., \$2.25; 50 lbs., \$3.95; 100 lbs., \$7.00; 250 lbs., \$16.25; 500 lbs., \$31.25.

SUPER PHOSPHATE. Twenty per cent available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., \$1.20; 50 lbs., \$1.70; 100 lbs., \$2.50; 250 lbs., \$5.65; 500 lbs., \$9.75; 1000 lbs., \$17.75; 2000 lbs., \$35.00.

MURIATE OF POTASH. Imported Potash once again available, should be used liberally, especially for all root crops. Price, 25 lbs., \$1.50; 50 lbs., \$2.20; 100 lbs., \$3.65; 250 lbs., \$8.95; 500 lbs., \$16.80.

HARDWOOD ASHES. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Price, 25 lbs., \$1.10; 50 lbs., \$1.65; 100 lbs., \$2.45; 500 lbs., \$9.85; 1000 lbs., \$17.75; 2000 lbs., \$34.00.

HORN SHAVINGS. Quick-acting and lasting. Price, 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$2.35; 50 lbs., \$4.15; 100 lbs., \$6.95. Write for prices on larger quantities.

AGRICULTURAL GYPSUM. A high grade lime product for sweetening heavy and sour soils. Per 100 lbs., \$2.00; 500 lbs., \$8.00; 1000 lbs., \$13.25; 2000 lbs., \$25.00.

PULVERIZED LIMESTONE. For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, a large handful to a square yard. Packed in cotton sacks. Price, 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.25; 2000 lbs., \$15.50.

SOILTEX. The new testing outfit approved by the Department of Agriculture, tells the acidity of your soil and exactly how much lime to apply. It is quick, accurate and easy to use, requires no special equipment. Goes in the pocket. Costs less than two cents per test. Price, \$1.00 per outfit. Leaf Mold for Ferns. Clean Stock. Per bushel sack, \$1.20; 5 for \$5.25.

SULPHATE OF AMMONIA Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., \$1.75; 50 lbs., \$3.15; 100 lbs., \$5.25; 500 lbs., \$22.00.

ORCHID PEAT (Fern Roots.) A wonderful fertilizer. Very useful for Orchids and Azaleas. Price, \$3.00 per sack of about 2 bushels; in 3 sack lots, \$2.75 per sack.

VIGORO. Is a specially prepared plant food, it contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Price, 25 lbs., \$1.95; 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$18.50; 1,000 lbs., \$36.00; 2,000 lbs., \$70.00.

VAUGHAN'S BONE MEAL AND SUPER PHOSPHATE

"Rose Grower"

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3 1/4 per cent; total phosphoric acid, 22 per cent.

Price, 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.20; 100 lbs., \$3.60; 250 lbs., \$8.60; 500 lbs., \$15.70; 1000 lbs., \$29.00; 2000 lbs., \$57.00.

Quantity Required.—For permanent pasture and mowing lands 1/4 to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL. 25 lbs., \$1.40; 50 lbs., \$2.00; 100 lbs., \$3.50; 250 lbs., \$8.30; 500 lbs., \$15.25; 1000 lbs., \$28.25; 2000 lbs., \$55.00.

VAUGHAN'S SHEEP MANURE

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. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 25 lbs., \$1.15; 50 lbs., \$1.65; 100 lbs., \$2.65; 500 lbs., \$10.00; 1000 lbs., \$17.00; 2000 lbs., \$33.00.

SCOTCH SOOT. (Genuine Imported.) Gardeners know the value of stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.85; 50 lbs., \$3.15; 100 lbs., \$6.25; 500 lbs., \$26.00.

LOMA. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 5-lb. carton, 12 in a case, per case, \$5.04; 10-lb. bags, paper lined packed, 10 in a jute sack, per sack, \$7.00; 25-lb. bags, 4 in a sack, per sack, \$5.60; 50-lb. bags, 2 bags to a sack, per sack, \$4.90; 100-lb. bags \$4.20.

NITRATE OF SODA or Chili Saltpeter. Nitrate of Soda is not Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen.

HOW TO USE NITRATE OF SODA

Remove the lumps before using and break them up, which can be done by pounding. Use as a top-dressing at the rate of 100 lbs. per acre on the following vegetables, when plants are well established: Beets, Cabbage, Cauliflower, Cucumber, Celery, Egg Plant, Lettuce, Spinach, Onions.

For Asparagus, a top-dressing of 250 lbs. per acre just as soon as the first shoots make their appearance. For Strawberries, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes), 25 lbs., \$1.85; 50 lbs., \$3.10; 100 lbs., \$5.20; 500 lbs., \$23.75; 1000 lbs., \$44.25; 2000 lbs., \$87.00.

Write for prices on larger quantities.

FLORANID UREA. A highly concentrated inorganic 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, lb. can, 65c; 25 lbs., \$4.50; 50 lbs. for \$8.25; 143 lbs., \$15.00. Write us for prices on larger quantities.

SHREDDED CATTLE MANURE. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor, and when spread on lawn and garden it works down into the soil so that there is no refuse to blow about or be raked off when the growing season begins. If applied to the lawn in the fall it protects the grass roots all through the winter. It is as easy and clean to handle as grain, being perfectly dry and can be stored anywhere until wanted for use. Price, 100 lbs., \$2.65; 500 lbs., \$10.00; 1000 lbs., \$17.00; 2000 lbs., \$33.00.

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.40; 14 lbs., \$2.20; 28 lbs., \$3.75; 56 lbs., \$6.75; 112 lbs., \$12.25.

VAUGHAN'S CONCENTRATED

PLANT FOOD

In Packages for Retailing

A most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers.

Package containing food for 20 plants for 3 months; large package containing sufficient plant food for one year. Directions in package. Small packages, retailing, each, 20c. Per doz., \$1.50; 24 for \$2.75. Large packages, retailing, each, 30c. Per doz., \$2.50; 24 for \$4.75.



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.



CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Store

NEW YORK,
47-49 BARCLAY ST.

GREENHOUSES AND NURSERIES,
WESTERN SPRINGS, ILL.

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

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

PRICES IN THIS CATALOG 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 per cent 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 same, from which deduct 2 per cent.

POSTAGE for parcel post shipment. The prices in this catalog 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 per cent. 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 to use; 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 trade reference or property statement. If the business is a partnership or a corporation, be sure to give the names of partners or officers and signatures of those authorized to sign orders. Some individual name should be signed to all orders. A typewritten or rubber stamp signature is insufficient. We do not open new accounts for cash goods.

All "Holiday Stocks" are sold strictly on cash terms.

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

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 CATALOG** will be given as follows:

- 40% on packets.
 - 25% on ounces of vegetable seeds.
 - 20% on pounds of peas, beans and corn.
 - 10% on special offers and cut-rate collections.
- (None of these seeds are returnable. They are sold outright.)*

On special orders for your customers, made up from our retail catalog and transmitted to us to be assembled and packed in our retail departments, and delivered to you, we will allow 20%.

Cash Discount. On orders from this catalog over \$2.00 for Flower seeds, if cash is enclosed, 5 per cent, except Cyclamen, the prices of which are net, and 2 per cent on Asparagus.

No order will be charged to open account for less than 25 cents.

All telegrams other than those for cut flowers F. T. D. should be addressed to our warehouse and general office at 601 W. Jackson Blvd. F. T. D. messages to 10 West Randolph St.

IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop. If the customer does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate prices quoted in our catalog.

ADVANCE ORDERS for 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 when you order.

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Vaughan's Mixtures

WE MAKE all of our mixtures of these bulbs ourselves, using named varieties and mixtures of proven merit; by this method we can safely guarantee our customers satisfaction when buying our mixtures. We can mix each 100 or each 250 especially, insuring real variety in each bag.

Rainbow Mixture. Composed of the choicest named varieties and including also many of Vaughan's best named, Vilmorin kinds and Nancianus sorts. The best mixture from best existing kinds, and is with out an equal in America.
First size, per 100, \$4.00; per 1,000, \$35.00.
Medium size, per 100, \$3.50; per 1,000, \$30.00.

Extra Fine Mixed. This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some of Vaughan's named, insuring a wide range of colors, shades and types.
First size, 100, \$2.75; 1,000, \$25.00.
Medium size, 100, \$2.25; 1,000, \$20.00.

Standard Mixed. This mixture contains a very complete range of colors. Large bulbs, per 100, \$2.00; per 1,000, \$18.00.
Medium size, 100, \$1.75; 1,000, \$15.00.



A 50-acre Field of Gladioli in Blossom at Vaughan's Farm, Ovid, Mich.

Vaughan's Gladioli

Prices subject to change without notice
Grown on our own farms from our own planting stocks.

Free from disease—True to name

IF MEDIUM SIZE Bulbs are wanted deduct 20% from prices below except where noted.

America. Color, soft lavender-pink. More flowers are open at one time on the symmetrical spike of this Gladiolus than any other we know of. The standard commercial pink.

Price, First size, per 100, \$2.25; per 1,000, \$20.00.

Medium size, per 100, \$1.80; per 1,000, \$16.00

Anna Eberius. A little different in color from anything on the market. Dark velvety plum rose, throat deeper shade. This is a color combination that florists have been hoping for, it harmonizes well in most all kinds of floral work.

Price, First size, per 100, \$3.50; per 1,000, \$30.00.

Medium size, per 100, \$3.00; per 1,000, \$25.00.

Attraction. Deep rich crimson with large white center and throat.

Price, per 100, \$3.50; per 1,000, \$30.00.

Arizona. Rose-pink; dark crimson blotch; grows erect, flowers beautifully placed. Early, good foreer, admired equally as much as Pendleton.

Price, per 100, \$3.00; per 1,000, \$25.00.

BARON J. HULOT

Baron J. Hulot. The best deep blue; deep violet-blue with many open flowers on tall spike.
Price, First size, per 100, \$4.00; per 1,000, \$35.00.
Medium size, per 100, \$3.50; per 1,000, \$30.00.

Bertrax. White flowers of great substance. Good shipper.
Price, per 100, \$3.00; per 1,000, \$25.00.

Black Pansy. Rich dark red, pansy-like throat.
Price, per 100, \$4.00; per 1,000, \$35.00.

Byron L. Smith. Lavender on whiteground; exceptional for cut flowers.
Price, per 100, \$5.00; per 1,000, \$50.00.

Chicago Red. Brilliant scarlet, large, opens well.
Price, First size, per 100, \$3.50; per 1,000, \$30.00.
Medium size, per 100, \$3.00; per 1,000, \$25.00.

Chicago Salmon. Clear salmon. Price, First size, per 100, \$4.00; per 1,000, \$35.00.
Medium size, per 100, \$3.50; per 1,000, \$30.00.

Capt. Boynton. Lavender. Price, per 100, \$8.00; per 1,000, \$75.00.

Chicago White. (The Earliest White.) If you want the earliest possible cut Gladiolus, use this. The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks.

It has great value for flower designs, the spikes are just large enough, full and white for quick and effective making up of all Floral Work. There is a big and growing demand for this variety for early use, both indoors and out.

Price, First size, per 100, \$2.50; per 1,000, \$20.00.

Medium size, per 100, \$2.00; per 1,000, \$18.00

Clara Adams. Light pink with a slight crimson marking in the throat.
Price, per 100, \$4.50; per 1,000, \$40.00.

Crescent Queen. Dark wine red.
Price, per 100, \$4.00; per 1,000, \$35.00.

Crimson Glow. Scarlet-crimson.
Price, per 100, \$4.00; per 1,000, \$35.00.

Detroit. Light pink with deeper penciling on inside and outside of upper petals.
Price, First size, per 100, \$15.00; per 1,000, \$120.00.
Medium size, per 100, \$12.00; per 1,000, \$100.00.

Dr. Norton. The finest cream and pink; a variety that is really in a class by itself, exceptionally fine for cut-flowers.
Price, First size, per 100, \$4.00; per 1,000, \$35.00.
Medium size, per 100, \$3.50; per 1,000, \$30.00.

E. J. Shaylor. A beautiful deep rose-pink; slightly ruffled; has created the greatest sensation during the past years, wherever shown. One of the very best forcers; brought the highest price of any variety in the Chicago market last season; in a class by itself.
Price, First size, per 100, \$2.25; per 1,000, \$20.00.
Medium size, per 100, \$1.80; per 1,000, \$16.00.

Early Sunrise. Flowers extra large bright salmon-scarlet color with pencil stripe of cream through center of each petal of the flower. Vigorous grower, extremely early and good propagator.
Price, First size, per 100, \$4.50; per 1,000, \$40.00.
Medium size, per 100, \$4.00; per 1,000, \$35.00.



CHICAGO WHITE



CAPT. BOYNTON

Vaughan's Gladioli



IONIA

Price, per 100, \$4.00; per 1,000, \$35.00.

Glory of Kennemerland. The greatest attraction at the Michigan State Fair. Beautiful rose with yellow blotch, large flowers broadly expanded. An extremely showy variety. Price, per 100, \$3.50; per 1,000, \$32.50.

Golden Measure. Best of all yellow varieties. Price, per 100, \$6.50; per 1,000, \$62.50.

Gretchen Zang. Soft melting shade pink, blending into scarlet on lower petals, spike tall and graceful. Price, per 100, \$3.00; per 1,000, \$27.50.

Halley. Delicate salmon-pink, a pale ground showing at the throat, which is marked with small red stripes. Valuable for its earliness. Price, First size, per 100, \$2.50; per 1,000, \$22.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

Herada. Pure mauve, glistening and clear with deep markings in throat. Immense blooms. Price, First size, per 100, \$3.00; per 1,000, \$25.00. Medium size, per 100, \$2.50; per 1,000, \$20.00.



KALAMAZOO

Evelyn Kirtland. The color is a beautiful shade of rosy pink shading to light pink toward the center, with brilliant blotches of scarlet on lower petals. The whole flower overlaid with a glistening luster that serves to harmonize the varied coloring. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Flora. Beautiful golden yellow; large flowers. A very strong grower. Price, First size, per 100, \$5.00; per 1,000, \$45.00. Medium size, per 100, \$4.50; per 1,000, \$40.00.

Florists' Lavender (454). Lavender with carmine throat on yellow ground. Blooms are medium size flowering very early. Strong spike with flowers well placed. A very desirable variety for the florist. Price, First size, per 100, \$4.50; per 1,000, \$40.00. Medium size, per 100, \$4.00; per 1,000, \$35.00.

Florence. Bright lilac, white blotch on the two lower petals. Very distinct. Very strong stalk. Price, per 100, \$8.00; per 1,000, \$75.00.

Giant Nymph. Rose pink flowers with yellow throats. Price, per 100, \$4.00; per 1,000, \$35.00.



MRS. F. KING

Helen Franklin. Pure white violet stripes on lower petals; slightly ruffled; a great favorite in New England; admired wherever exhibited; good forcer. Price, per 100, \$3.50; per 1,000, \$30.00.

Ionia. Yellow suffused with pink which gives it an exceptionally delicate shade. Price, per 100, \$12.00; per 1,000, \$100.00.

Joe Coleman. Very large and vigorous; rich red, one of the finest ruffled varieties. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Kalamazoo. Purple-violet with lines of creamy white running through each petal to the edge of the flower and throat of creamy white. Flowers large, compact and well placed on a very strong spike. Price, per 100, \$12.00; per 1,000, \$100.00.

Le Marechal Foch. Beautiful shade of light pink; flowers twice as large as America; one of the earliest; blooms the same time as Halley and Wilbrink. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

L'Immaculee. Pure white, long spike of many flowers open at one time; very early; one of the best of the white varieties. Price, First size, per 100, \$4.00; per 1,000, \$35.00. Medium size, per 100, \$3.50; per 1,000, \$30.00.

Lena Graetz. Very meritorious as a cut flower, almost pure white. Price, per 100, \$3.50; per 1,000, \$30.00.

Louise. Lavender Price, per 100, \$4.00; per 1,000, \$35.00.

L. W. Wheeler. Distinct shade of pink suffused with yellow blending to a strong yellow toward the center blotch of crimson. Exceptionally good keeper and beautiful by artificial light. Price, per 100, \$10.00; per 1,000, \$90.00.

Los Angeles. Large flowers. Salmon-pink. Very early. Long stem. Price, per 100, \$5.00; per 1,000, \$45.00.

Martha Phillips. This is a dark solid red, florets medium size, many open at a time and well placed on the stem. Price, per 100, \$10.00; per 1,000, \$90.00.

Mary Fennell. Light lavender, lower petals penciled with yellow-primrose. Price, per 100, \$4.00; per 1,000, \$35.00.

Mary Pickford. Color a delicate creamy white, throat soft yellow. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Mona Lisa. Strong plant. Many flowers open at a time. Of palest soft rose-pink, or blush-white. A magnificent almost pure self-color. Price, per 100, \$4.00; per 1,000, \$35.00.

Mrs. Frank Pendleton. One of the most exquisitely colored and formed Gladiolus in our entire list. In addition, the size of bloom is not exceeded by any other. The color is a delicately flushed salmon-pink. Each flower is strikingly marked with rich maroon blotch on the three lower petals. The blooms are wide open and are arranged individually on slender but wiry stems. Price, First size, per 100, \$2.60; per 1,000, \$24.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Mrs. Francis King.

The long, strong flower stalk and foliage, its effective flower spike with a good line of reserve buds continually opening, with flower 2 to 3 inches across five to six flowers open at once; its brilliant vermilion-scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced in any other Gladiolus. Most popular kind this season in New Jersey coast towns where many Gladiolus are used. Price, First size, per 100, \$2.50; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.



L. W. WHEELER

Gladiolus Collections in Separate Colors

Blue Shades, Per 100, \$4.50; per 1,000, \$40.00.

Red and Scarlet Shades, Per 100, \$2.50; per 1,000, \$22.00.

White Shades, Per 100, \$2.50; per 1,000, \$22.00.

Striped Shades, Per 100, \$2.75; per 1,000, \$25.00.

Pink Shades, Per 100, \$2.50; per 1,000, \$22.00.

Yellow Shades, Per 100, \$3.50; per 1,000, \$30.00.



ORANGE QUEEN

Vaughan's Gladioli



MRS. F. PENDLETON

Price, First size, per 100, \$5.50; per 1,000, \$50.00.
Medium size, per 100, \$4.50; per 1,000, \$40.00.

Mrs. W. E. Fryer. Bright scarlet. Good strong stems. Price, per 100, \$3.50; per 1,000, \$30.00.

Mystic. Bright rose-pink, flaked deeper. Pure white blotches on the lower petals. Early. Price, per 100, \$4.00; per 1,000, \$35.00.

Orange Glory. Very rich and striking color. Price, per 100, \$5.00; per 1,000, \$45.00.

Odin. A sport of Prince of Wales; salmon color with dark blotches; early, good forcer. Price, per 100, \$3.50; per 1,000, \$30.00.



ROSE 1910

Myrtle. Tender and delicate rose-pink. "The most beautiful pink yet produced in Gladiolus." Brings high price in the Chicago market. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Mary Alice. Color, rose-pink, the throat marking of a lavender-mauve, a light streak running through the center of each petal, anthers lavender, flowers large, well open with petals slightly reflexed. The stalk is very tall, strong and straight. Price, First size, per 100, \$4.00; per 1,000, \$35.00. Medium size, per 100, \$3.50; per 1,000, \$30.00.

Mrs. H. E. Bothin. Flesh salmon-pink, flame scarlet center. A large show flower. As a cut flower variety this is second to none and before long, will become as popular as that great favorite, Mrs. Frank Pendleton. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Mrs. F. C. Peters. The blooms of this new variety are extra large, of a rich, rosy lavender, with a patch of bright crimson on lower petals.



SCARLET PRINCEPS

Panama. Pink; a sure money-maker. Price, First size, per 100, \$3.00; per 1,000, \$25.00. Second size, per 100, \$2.50; per 1,000, \$20.00.

Prince of Wales. Delicate salmon-pink. Very large flowers. Early and a good forcer. A real florist variety. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$3.00; per 1,000, \$25.00.

Peace. Giant white flowers with lilac feathering in throat of two of the petals; flowers correctly placed on a tall, graceful spike. Price, First size, per 100, \$2.50; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

Princeps. Scarlet, white throat. Price, Medium size, per 100, \$5.50; per 1,000, \$50.00.

Princepine. Carmine-red with large white blotch. Price, per 100, \$3.50; per 1,000, \$30.00.

Rose 1910. Early, rose-pink; very desirable cut-flower. Price, First size, per 100, \$3.00; per 1,000, \$25.00. Medium size, per 100, \$2.50; per 1,000, \$20.00.

Rose Ash. Ashes of roses, a decidedly new color which has attracted much attention. Price, First size, per 100, \$4.00; per 1,000, \$35.00. Medium size, per 100, \$3.50; per 1,000, \$30.00.

Rose Glory. Purest rose-pink deeper in throat; ruffled. Price, per 100, \$3.50; per 1,000, \$30.00.

Scarlet Princeps. (Virginia.) A sensation in scarlet Gladiolus, six or more massive "Princeps" blooms open at one time. Throat a little deeper, an extraordinary distinct and massive spike. Winner of many awards. Price, First size, per 100, \$4.00; per 1,000, \$35.00. Medium size, per 100, \$3.50; per 1,000, \$30.00.

Schwaben. A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best, of clear canary-yellow, shading to a soft sulphury yellow when opening.

Price, First size, per 100, \$2.85; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Scarlano. Light orange-red. Price, per 100, \$3.50; per 1,000, \$30.00.

The Vamp. A delicate pink, on three lower petals a large blotch of velvety crimson surrounded with a creamy white halo producing a very beautiful effect. Price, per 100, \$3.00; per 1,000, \$25.00.

Vaughan's White. Best white. Price, per doz., \$2.00; per 100, \$15.00.

Virginia. (See Scarlet Princeps.)

Virginal. A White Gandavensis hybrid in which the grace and vigorous constitution of the Vaughan type are combined. The pure satin white of its petals is without marking except for the faint lavender penciling deep in the throat and the lower petals. The stamens are light lavender. The flowers are well placed, of which there are fifteen or more to the spike. Price, per doz., \$2.00; per 100, \$15.00.

Wilbrink. A sport of Halley; retains Halley's earliness and has the color of America; soft yellow blotch on lower petals. Price, First size, per 100, \$3.00; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Primulinus Varieties

Alice Tiplady. Rich orange; extra fine, a great favorite; about 50 per cent produce two flower spikes. Price, First size, per 100, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Maiden's Blush. Exquisite bluish-pink flowers finely formed on long straight stems; free-flowering. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

Mrs. L. S. Hubbard. Prim. Hybrid seedling of very distinct and exceptional color. It is early, prolific. Massed together in a bouquet the general appearance is a beautiful plum color. Price, per 100, \$3.50; per 1,000, \$30.00.

Rose Luisante. Shell pink, cream throat. Price, per 100, \$3.50; per 1,000, \$30.00.

Souvenir. Most superb deep yellow self. Tall-stemmed, large hooded flowers facing forward, 4 to 6 open at the same time. Flowers ship and keep exceptionally well. Early. Price, per 100, \$3.50; per 1,000, \$32.50.

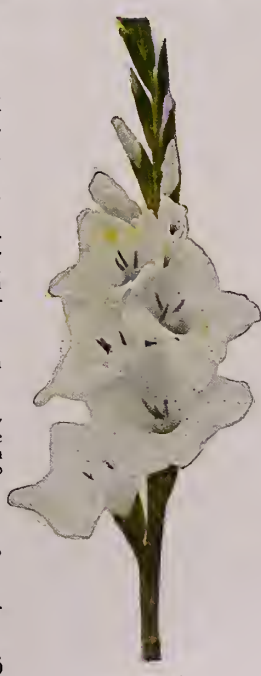
Orange Queen. Apricot-orange. Price, per 100, \$5.50; per 1,000, \$50.00.

Sunbeam. Best yellow. Price, per 100, \$3.00; per 1,000, \$25.00.

Hybrids Mixed. Price, per 100, \$2.25; per 1,000, \$20.00.



SCHWABEN



VIRGINAL

Balanced Stock of Grass Seed \$10

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

5 ½-lb. cartons (Retailing at	\$0.15	} Price to you
36 1-lb. cartons " "	.25	
5 5-lb. cartons " "	1.15	} \$10.00
Retail price of lot " "	15.50	

Net Cash
F. O. B. Chicago or New York

Retails for
\$15.50



OUR \$10.00 HOMEGROUNDS MIXTURE DEAL

Vaughan's Homegrounds Mixture

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

Vaughan's Homegrounds Mixture

	Per 100-Lbs.
100, 50 or 25-lb. bags.....	\$14.00
5-lb. cartons.....	15.50
1-lb. cartons.....	16.00

How to Make a Lawn

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

Our Mixture Formulas Are Scientific

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

Lawn Mixtures and Fancy Grasses

- "GOOD MIXED" LAWN GRASS SEED. Contains timothy. 100 lbs., \$20.00 less than 25 lbs., 22c per lb.
 - "QUICK SHOW" LAWN SEED, for immediate effect. 100 lbs., \$24.00 less than 25 lbs., 26c per lb.
 - KENTUCKY BLUE GRASS. Fancy. (19 lb. Seed.) 100 lbs., \$32.50 less than 25 lbs., 34½c per lb.
 - KENTUCKY BLUE GRASS. Fancy. (21 lb. Seed.) 100 lbs., \$33.50 less than 25 lbs., 35½c per lb.
 - RED TOP, Fancy Seed. Extra heavy. 100 lbs., \$20.00 less than 25 lbs., 22c per lb. Bags 35c each extra.
 - CLOVER, Dutch White. Bags 35c each extra.
 - Choice grade, \$35.00 to \$40.00 per 100 lbs.
 - Fancy grade, \$45.00 per 100 lbs.; less than 25 lbs., 47c per lb.
- Put up in packages 5 lbs. and less, write for prices.
Subject to change without notice.

Prices subject to market changes.

Vaughan's Chicago Parks

This is the standard mixture, famous for 50 years, which is composed of re-cleaned, high quality grass and clover seed combined in the formula approved by the United States government as the best for establishing a permanent lawn. The price of this mixture varies with crop conditions; the quality never varies. Kentucky blue grass, red top and white clover are its chief constituents. It contains no timothy.

Vaughan's Columbian (Shady Place Mixture)

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

Prices for Chicago Parks and Columbian Mixtures

½ lb. carton (each 18c) }	Per 100 Lbs.
1 lb. carton (each 35c) }	\$32.50
2 and 3-lb. cartons	31.75
5-lb. cartons or bags (each \$1.65).....	31.00
10 and 15-lb. bags.....	30.50
100, 50 or 25-lb. bags.....	30.00



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

Chicago Parks Grass Seed Deal

Retail Price
5 ½-lb. cartons... \$0.25
32 1-lb. cartons... 0.50
4 5-lb. carton... 2.40

Retail price, lot, \$29.25

Price to you
\$15.00
Net Cash

F. O. B. Chicago or New York

All Grass Seed Net Cash f. o. b. Chicago or New York.

ORDER for SEEDS, BULBS and SUPPLIES TO

(Use Special Order Sheet attached for PLANTS, TREES, SHRUBS, Etc.)

VAUGHAN'S SEED STORE S 29

47-49 Barclay Street, NEW YORK

601 West Jackson Blvd., CHICAGO

NAME _____ Date _____ 19 _____

Write very plainly

Post Office _____ State _____

Street, P. O. Box or Rural Delivery _____

Express or Freight Office {If different } {from P. O. } _____ Forward Goods by _____ (Parcel Post, Express, Freight or Boat)

AMOUNT ENCLOSED

(SEND NO CASH OR CURRENCY UNLESS REGISTERED)

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

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

See Page 120 for our SPECIAL PREPAID OFFER, also Table of PARCEL POST RATES to different zones. Your local postmaster will tell you in which Zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge.

VAUGHAN'S SEED STORE (Incorporated).

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY <small>Do not Abbreviate</small>	NAME OR CATALOG NUMBER OF ARTICLE <small>Where Catalog gives a Number, Please order by it</small>	WEIGHT <small>For Parcel Post Only</small>	PRICE	
			Dols	Cts.
<u>Substitutes</u> You may substitute the next best of any variety you cannot supply Please do not substitute without first notifying me..... (Please mark a cross (X) in one of the above spaces.)				
(Order Flower Seeds by numbers only)		Carried Forward,	lbs.	\$

RUSH ORDER TO

Vaughan's Seed Store

WE PAY POSTAGE. NO STAMP NECESSARY ON THIS CARD

Please send the following via. _____

Quantity	Description	Price

TOTAL _____

NAME _____

ADDRESS _____

BY _____

RUSH ORDER TO

Vaughan's Seed Store

WE PAY POSTAGE. NO STAMP NECESSARY ON THIS CARD

Please send the following via. _____

Quantity	Description	Price

TOTAL _____

NAME _____

ADDRESS _____

BY _____

RUSH ORDER TO

Vaughan's Seed Store

WE PAY POSTAGE. NO STAMP NECESSARY ON THIS CARD

Please send the following via. _____

Quantity	Description	Price

TOTAL _____

NAME _____

ADDRESS _____

BY _____

RUSH ORDER TO

Vaughan's Seed Store

WE PAY POSTAGE. NO STAMP NECESSARY ON THIS CARD

Please send the following via. _____

Quantity	Description	Price

TOTAL _____

NAME _____

ADDRESS _____

BY _____

Postage
Will be Paid
by
Addressee

BUSINESS REPLY CARD

First Class Permit No. 165, Sec. 384½ P. L. & R. CHICAGO, ILL.

Vaughan's Seed Store

601 W. Jackson Blvd.,

CHICAGO,
ILL.

No
Postage Stamp
Necessary
If Mailed Before
Dec. 1, 1929.

Postage
Will be Paid
by
Addressee

BUSINESS REPLY CARD

First Class Permit No. 165, Sec. 384½ P. L. & R. CHICAGO, ILL.

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Vaughan's Seed Store

601 W. Jackson Blvd.,

CHICAGO,
ILL.

No
Postage Stamp
Necessary
If Mailed Before
Dec. 1, 1929.

Summer-Flowering Bulbs

FOR WHOLESALE
TRADE ONLY

All Prices Subject to Change Without Notice.

THE following bulbs are either grown by ourselves on our own farms or on contract with experienced growers in the locality best adapted for their cultivation. Those classes like Hybrid Amaryllis, Begonias and Gladiolus, which can be improved by pollenization of class breeding are being noticeably improved each season by our growers.

VAUGHAN'S NEW HYBRID AMARYLLIS

One of the finest strains of Amaryllis we have ever seen, raised by two eminent growers whose entire stock and hybridization for a dozen years we have purchased in its entirety. Flowers are immense, borne mostly four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains. The bulbs are 2 inches and up; are sure bloomers. Try 25 or 50; will retail quick at \$1.00 to \$1.50 in bloom.

	Doz.	100
Vaughan's New Hybrid, California-grown	\$5.50	\$40.00
Equestra. Orange-scarlet	2.00	15.00



BEGONIA SINGLE

BEGONIAS

Tuberous-Rooted

	Doz.	100
Single, separate colors, 1-1½-inch	\$1.55	\$11.00
Single, mixed, 1-1½-inch	1.50	10.00
Single separate colors, 1½-2-inch	1.75	13.00
Single, mixed, 1½-2-inch	1.60	12.00
Double, separate colors, 1-1½-inch	1.60	12.00
Double, mixed, 1-1½-inch	1.55	11.00
Double, separate colors, 1½-2-inch	2.00	15.00
Double, mixed, 1½-2-inch	1.75	13.00

LILY BULBS AND VALLEY

FROM ICE STORAGE
F. O. B. CHICAGO

Progressive Florists are rapidly coming to recognize the demand for Lilies for summer use, and each year an increasing number are using their empty benches for this stock to great advantage. We accept no responsibility whatever for results in forcing cold storage stock or for damage in transit. Prices subject to change.

LILIUM LONGIFLORUM GIGANTEUM

7 to 9-inch. Packed 300 bulbs to case	Per 100	Case.
	\$9.00	\$22.00

LILY OF THE VALLEY PIPS

C. M. BRAND

Packed 250 to case	Per case	\$15.00
Packed 500 to case	Per case	22.00
Packed 1000 to case	Per case	40.00

M. M. BRAND

Packed 250 to case	Per case	\$12.00
Packed 500 to case	Per case	20.00
Packed 1000 to case	Per case	37.00

FALL BULBS

Place your 1929
Fall Bulb orders
now and secure
the lowest import
prices and earli-
est delivery.



CALADIUM

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7-inch circumference	\$0.60	\$ 3.50	\$27.50
7 to 9-inch circumference . . . . .	.90	5.50	50.00
9 to 11-inch circumference	1.50	10.00	90.00
11 to 12-inch circumference	2.25	15.00	....
12-inch and upwards, very large	2.50	17.50	....

CALLAS—For Spring Planting

Elliotiana. This meritorious California novelty has not received the attention it deserves.

1½-inch	Doz.	100
	\$1.75	\$12.00

TUBEROSES

Well-Cured Bulbs. Free From Rot.

The Tuberose Bulb industry has declined notably since 1914. We, however, are still contracting with dependable growers and can offer Dwarf Excelsior Pearl type as below:

	100	1000
Dwarf Excelsior Pearl { First size, 4 to 6-inch	\$3.25	\$27.50
{ Second size, 3 to 4-inch	2.25	18.00
Variegated Leaved, single	3.00	25.00
Albino, early single white	3.00	25.00
Armstrong's Ever-Blooming	3.00	25.00
Mexican	2.00	18.00

MISCELLANEOUS BULBS

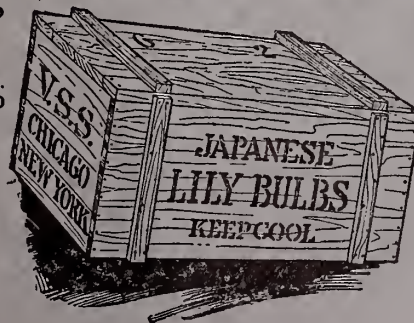
	Doz.	100	1000
APIOS TUBEROSA. Climber	\$0.75	\$5.00	\$45.00
CINNAMON VINES. Climber, large roots . . . . .	.70	4.50	40.00
GLOXINIAS. Mixed, 1-1½ inch	2.50	18.00	....
GLOXINIAS. Mixed, 1½-inch and up	3.00	20.00	....
HYACINTHUS CANDICANS. 1¼-1½ inch	1.00	6.00	55.00
ISMENE CALATHINA	1.60	10.50	95.00
MADEIRA VINE. 2-3 inches . . . . .	.60	4.00	35.00
MADEIRA VINE. 3 inches and up . . . . .	.70	4.50	40.00
OXALIS. In separate colors . . . . .	.75	5.00	....
ZEPHYRANTHUS CANDIDA . . . . .	.50	3.00	25.00
ZEPHYRANTHUS ROSEA	1.25	8.00	75.00

LILY BULBS—General List

F. O. B. CHICAGO

New Season's Bulbs. Sound When Shipped.

Size in circumference.	Doz.	100	Per Case
AURATUM { 8 to 9 inches, 180 to case	\$2.25	\$16.00	\$22.00
{ 9 to 11 inches, 125 to case	3.00	22.00	22.00
MAGNIFICUM { 8 to 9 inches, 200 to case	2.00	15.00	25.00
{ 9 to 11 inches, 140 to case	2.75	20.00	25.00



CANADENSE. Yellow and orange	Doz.	100
	\$1.75	\$12.00

REGALE. 4-6 inch	2.75	20.00
6-7 inch	3.50	25.00

PARDALINUM	2.00	15.00
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SUPERBUM. Orange	1.75	12.00
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TIGRINUM Splendens	1.50	10.00
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TIGRINUM FL. PL.	1.50	10.00
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UMBELLATUM. Mixed	2.00	15.00
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PETUNIA

Dwarf California Giants

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.

Trade pkt., \$1.00; 1-32 oz., \$3.00; 1-8 oz., \$11.00.

47 Barclay St., New York.

VAUGHAN'S SEED STORE

Drawer V, Chicago