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Spring

1931

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Book for Florists



Vaughan's Seed Store
New York Chicago

Annual Flower Seed Novelties

ASCLEPIAS

Curassavica. Greenhouse plant which blooms from seed the first year; orange; useful winter-blooming indoor plant. Trade pkt., 50c; ¼ oz., \$1.25.

ASTER

Giant California Sunshine Mixed. They are the result of a cross between the California Giants and the Sunshine type. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter. With the disk a lovely light-yellow and the encircling guard petals varying shades of Enchantress-pink, appleblossom, deep-rose, blue and lavender, there are produced color contrasts startlingly beautiful. Trade pkt., \$1.00; ¼ oz., \$2.00; oz., \$7.50.

BALSAM

Bush Flowering Mixed. Dwarf growing free-flowering double balsam of bushy growth, flowers appear in clusters on the top of stems instead of hidden on side of stems as in the other sorts. It is a fine bedding and pot plant. White, Rose and Red. Each, trade pkt., 25c; ¼ oz., \$1.25; oz., \$5.00.

BEGONIA

Double Tuberos-Rooted, Bronze-Leaved Scarlet. The foliage is of medium size, brown-red, almost black-brown. Flowers of medium size, very double, orange, light and dark scarlet. Comes 90% true from seed, and of the remainder most of the plants will be dark-leaved, with semi-double flowers. Trade pkt., \$1.00.

CHRYSANTHEMUM

Coronaria Single Coronet. Flowers cream, edged lemon. Flowers last very long when cut and are charming in combination with blue corn flowers. Trade pkt., 20c; oz., 60c.

DIANTHUS

Heddewigii Double Lilac. This annual pink is splendid for wreaths and funeral work. Height 12 in. Trade pkt., 25c; ¼ oz., 85c; oz., \$3.00.

DIANTHUS SWEET WIVELSFIELD

A new, hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus is bound to win instant favor both as a cut flower of lasting quality and as a new spring bedding plant. Trade pkt., 50c; ¼ oz., \$1.50; oz., \$5.00.

FELICIA

Bergeniiana (Kingfisher Daisy). Turf-like foliage, with daisy-like flowers ¾ in. across of an uncommon shade of blue. This annual is easily raised, and comes quite true from seed. Trade pkt., 25c; ½ oz., \$1.00.

FREESIA

Hybrida Tubergenii. Richest shades, very large flowering hybrids. If sown in April, the plants will bloom in December to January. In order to lengthen the blooming period several sowings 2 to 3 weeks apart can be made. Trade pkt., 25c; ½ oz., \$1.00; oz., \$6.00.

IMPATIENS

Liegnitzia. Deep vermilion-red, free-blooming, splendid for beds and pots; requires half shade. Trade pkt., \$1.00.

LARKSPUR

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

	Tr. Pkt.	¼ oz.	Oz.
Blue Spire, dark blue.....	\$0.35	85c	\$3.00
Lilac Spire, beautiful lilac color	.35	85c	3.00
White Spire, pure white flowers	.35	85c	3.00
Exquisite Pink Improved, soft salmon-pink.....lb., \$12.00	.25	30c	1.00
Exquisite Rose.....	.25	30c	1.20

MARIGOLD

Giant African Orange "Alldouble." A new strain of this popular variety which has been developed to produce 100% double flowers. Trade pkt., \$1.00; ½ oz., \$1.75; oz., \$3.00.

PETUNIAS

Shepherd's Pride. New. A most distinct and beautiful new shade—flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink. Good percentage of double flowers. 1000 seeds, \$2.00; 5,000 seeds, \$9.00.

PRIMULA OBCONICA

Grandiflora Rhine Pearl is dark salmon-carmine, a good color. Flower very large—almost as large as Fassbender Red and a most striking and distinct variety, very free blooming, large clusters. Trade pkt., \$1.00; ¼ oz., \$2.00.

Grandiflora Lachsrosa. A beautiful salmon-rose. Trade pkt., \$1.00; ¼ oz., \$2.00.

STOCKS

Excelsior Column. These produce one enormous spike with large flowers, 2 to 2½ ft. high and can be planted close together in the bench which quality make them a profitable type. They are in season with Bismarck Stocks.

White, Chamois Rose, Rose, Light Blue, Dark Blue, Silvery Lilac and Crimson. Each, trade pkt., \$1.00.

SCABIOSA

Loveliness. The blossoms range through varying tones of soft delicate salmon rose. It has long, stiff stems and a delightful fragrance. Trade pkt., 50c; ½ oz., \$1.75; oz., \$3.00.

URSINIA

Anethoides. The plants form large tufts of leaves, from which spring up long wiry stems, bearing flowers of a rich orange-yellow, adorned by a beautiful ring of deep purple with spots of a darker shade. Trade pkt., \$1.00.

ZINNIA

Crown O' Gold, derives its name and distinction from the fact that each petal of the flower is overlaid with a deep golden-yellow at the base, while carrying out the individual flower color at the tip. Trade pkt., 50c; ¼ oz., \$1.20; oz., \$4.00.

Order A Seed Assortment Now!

Garden Seeds Will Boom this Spring and You
Should Have this Ideal Sideline

WE STRONGLY advise every florist friend who has not already ordered a commission box assortment of Vaughan's Garden Seed for 1931, to attach his name to the contract at the bottom of this page right now and mail it to us at once.

Thousands of florists have found garden seeds to be an ideal side line. It is logically associated with flowers. Questions about culture can be answered authoritatively by the florist. The customers it brings into your store are flower lovers, who will buy your flowers at seasons when they cannot grow their own.

Vaughan's Seeds are known to you; and our colorful display and advertising materials are especially designed to fit in a florist's shop. They are used in many of the best equipped and most beautiful flower stores in this country. They introduce into the store the atmosphere of spring, and help all sales, as well as seed sales.

The season of 1931 will see garden seeds booming; this is always the case after a depression. No florist should overlook this opportunity to share in a business which really belongs to him. Send us your contract now!

.....
_____ 19____

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 1931. 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 _____

**SPECIAL MERCHANDISING ORDER BLANK TO
VAUGHAN'S SEED STORE**

_____ 19____

Your Name _____

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

Street _____

Town _____

Signed _____

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

Quantity		Price
	Rainbow Gladiolus deal, 500 bulbs and display box, \$11 each. Delivery in spring 1931	
	Balanced Stock of Grass Seed, Chicago Parks, Deal No. 1, \$15.00	
	Balanced Stock of Grass Seed, Chicago Parks, Deal No. 2, \$20.00	
	Balanced Stock of Grass Seed, No. 25 Mixture, Deal No. 3, \$10.00	
	Combination Offer, Sun and Shade Grasses, \$25.00	
	100-lb. Bags Vaughan's No. 25 Lawn Mixture @ \$16.50 per hundred pounds	
	100-lb. Bags Vaughan's Chicago Parks Mixture @ \$36.00 per hundred pounds	
	100-lb. Bags Vaughan's Columbian Mixture @ \$36.00 per hundred pounds	
	Also the following Grass Seed, Supplies and Insecticides:	
TOTAL		

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

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



AGERATUM Blue Ball

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 24 to 34.

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.

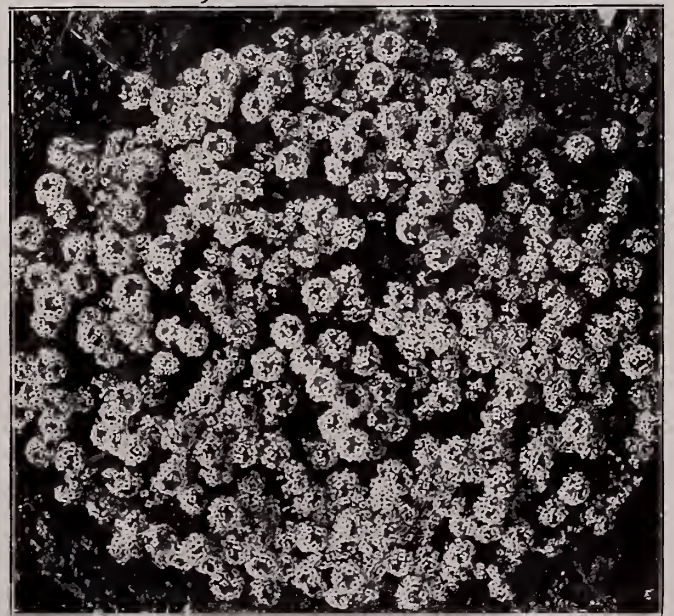
Quantities of $\frac{1}{4}$ lb. and over are charged at the pound rate; $\frac{1}{8}$ lb. at the oz. rate; $\frac{1}{2}$ oz., at the ounce rate, but only when the price per ounce is 40c or more, and is not otherwise quoted.

We do not sell $\frac{1}{2}$ oz. where the price per ounce is 15c or less.

Cash Discount.—On orders from this catalogue 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.

	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.	$\frac{1}{8}$ 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. \$3.00	.10 .40
Roseum Album. White.	lb. \$3.00	.10 .30
Fl. Pl. Double pink.	lb. \$3.60	.10 .40
Album Fl. Pl. Double white.	lb. \$3.60	.10 .40
Double Giant Mixture. This large-flowering type is twice the size of the old one, with long, stiff stems. Flowers are double and semi-double, white, chamois, flesh color and bright rose.	$\frac{1}{4}$ oz., \$1.25	.50 4.00
Agapanthus Umbellatus (Blue Lily of the Nile), does well out of doors in all Southern States. Greenhouse plant in the North. . . . .	.35	4.00
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
Adonis Aestivalis (Flos Adonis). Red, 12-inch. . . . .	.10	.20
Autumnalis Red, 12-inch. . . . .	.10	.20

	Trade pkt.	Oz.
Ageratum Mexicanum. Blue, 2 ft.	\$0.10	\$0.40
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	.70
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.	$\frac{1}{4}$ oz. 60c	.25 2.20
Princess Victoria Louise. Light blue, white center, 6 in. . . . .	.15	.50
Purple Perfection, new. . . . .	.15	.80
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.	$\frac{1}{4}$ oz. \$1.00	.35
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	.80
Little Dorrit. It forms perfect little bushes, fairly smothered with white flowers. 4 in.	lb. \$6.00	.20 .60
Vaughan's Little Gem. 4 in. Extra fine strain.	lb. \$6.00	.15 .60
Amaranthus Abyssinicus. Useful in basket work. . . . .	.15	.40
Atropurpureus. Dark crimson, 24 in. . . . .	.15	.15
Caudatus (Love-Lies-Bleeding). Red, 30 in. . . . .	.15	.15
Cruentus (Prince's Feather). Red, 3 to 4 ft. . . . .	.15	.15
Henderi. Ornamental foliage, 5 ft. . . . .	.15	.60
Melancholicus Ruber. Dark red leaves, 3 ft. . . . .	.10	.30
Molten Fire.	$\frac{1}{4}$ oz. \$1.00	.35
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
Tricolor, Joseph's Coat. . . . .	.10	.40
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



ALYSSUM Vaughan's Little Gem

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

Flower Seeds in Larger Quantities

Vaughan's New Snapdragon

"Ceylon Court Yellow"

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., \$1.00; 3 for \$2.50

Other "SNAPS" for Greenhouse Forcing

	Trade pkt.	
Afterglow. A beautiful bronze.....	3 trade pkts., \$5.00	\$2.00
Cheviot Maid. The earliest and best pink winter-blooming "snap".....	3 trade pkts., \$2.50	1.00
Empress. Rich velvety crimson.....	oz., \$1.00; 1/4 oz., \$0.35	.25
Geneva Pink. A well-known rose-pink variety of outstanding merit.....	3 trade pkts., \$2.50	1.00
Golden Pink Queen.....	3 trade pkts., \$2.50	1.00
Happiness. New pure pink.....	3 trade pkts., \$5.00	2.00
Helen. Lovely salmon free-blooming.....	3 trade pkts., \$2.50	1.00
Jennie Schneider. Beautiful pink, same shade as Columbia rose.....	3 trade pkts., \$2.50	1.00
Judd's New Early Columbia. Rose color.....	3 trade pkts., \$2.50	1.00
Judd's New Early Premier. Rose color.....	3 trade pkts., \$2.50	1.00
Laura. A glossy deep rose.....	3 trade pkts., \$2.50	1.00
Mohr's Pink.....	3 trade pkts., \$2.50	1.00
Nelrose. Salmon-pink.....	oz., \$2.00; 1/4 oz., \$0.65	.25
Orlando. Bronze.....	3 trade pkts., \$2.50	1.00
Peerless Pink. Pink with white lip.....	1/4 oz., \$0.75	.25
Penn-Orange. Striking tangerine orange, dark green foliage.....	3 trade pkts., \$2.50	1.00
Philadelphia Pink.....	3 trade pkts., \$2.50	1.00
Pink Perfection. Hermosa pink, suffused salmon.....	1/8 oz., \$0.50	.25
Roman Gold. A deep golden yellow with the lip a lighter yellow suffused with pink, the tips having a beautiful pink-copper hue.....	3 trade pkts., \$2.50	1.00
Rose Queen, Witterstaetter's.....	3 trade pkts., \$5.00	2.00
Silver Pink. Vaughan's deep pink self.....	1/4 oz., \$0.50	.25
Improved Sunburst. Color of Sunburst Rose.....	3 trade pkts., \$2.50	1.00
White Rock. A new and extra early-blooming pure white.....	3 trade pkts., \$2.50	1.00
Greenhouse Varieties. Mixed.....	3 trade pkts., \$2.50	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 2 1/2 inches wide on strong, sturdy stems, each blossom set closely on the stalk.

	Trade pkt.	
Appleblossom. Rosy pink, white tube.....	1/4 oz., 65c	\$0.35
Bunch of Lilacs. Lilac-purple.....	1/4 oz., 65c	.35
Canary Bird. Canary-yellow.....	1/4 oz., 65c	.35
Cerberus. Carmine-rose, yellow lip.....	1/4 oz., 65c	.35
Copper King (Indian Summer). Copper shades, varies.....	1/4 oz., 65c	.35
Delicate shades.....	1/4 oz., 65c	.35
Defiance. Scarlet.....	1/4 oz., 65c	.35
Fairy Charm. Flaming tigered or blotched petals.....		.25
Fire Flame. Dark purple and yellow with dark throat.....	1/4 oz., 65c	.35
Gotelind. Pale orange.....	1/4 oz., 65c	.35
Golden Queen. Yellow with rosy lilac throat.....	1/4 oz., 65c	.35
Maralda. Coppery carmine.....	1/4 oz., 65c	.35
Old Gold. Beautiful art shade.....	1/4 oz., 65c	.35
Purple King. Rich, velvety purple.....	1/4 oz., 65c	.35
Ruby. Rich, velvety ruby-red.....	1/4 oz., 65c	.35
Snowflake. White.....	1/4 oz., 65c	.35
The Rose. Pure rose.....	1/4 oz., 65c	.35
Wallflower colors.....	1/4 oz., 65c	.35
Maximum. Many kinds, mixed.....	oz., \$1.20; 1/4 oz., 35c	.25



Ceylon Court Yellow

Large-Flowering Tall Sorts	Trade pkt.	Oz.
Brilliant Scarlet.....	1/4 oz., 25c	\$0.15 \$0.80
Bonfire. Bright orange-red.....	1/4 oz., 25c	.15 .80
Dark Rose (Coral red).....	1/4 oz., 25c	.15 .80
Dark Orange.....	1/4 oz., 25c	.15 .80
Delicata. Soft pink, white throat.....	1/4 oz., 25c	.15 .80
Evening Sky. Orange-rose, yellow mouth, white throat.....	1/4 oz., 65c	.35 .80
Fire King. Orange-scarlet and white.....	1/4 oz., 60c	.35 1.80
Garnet.....	1/4 oz., 25c	.15 .80
Goliath. Salmon rose with orange center shading to pale apricot.....		.25 .80
Golden King. Improved yellow.....	1/4 oz., 35c	.25 1.00
Harmony. Rich terra-cotta-pink, yellow center.....	1/4 oz., 50c	.35 1.60
Lovely. White with pink lip.....	1/4 oz., 25c	.15 .80
Queen Victoria Improved. Pure white.....	1/4 oz., 35c	.25 1.00
Rose King.....	1/4 oz., 30c	.15 1.00

Large-Flowering Tall Sorts—Continued	Trade pkt.	Oz.
Rose Queen.....	1/4 oz., 25c	\$0.15 \$0.80
Striped Varieties. (Butterfly mixed).....	1/4 oz., 25c	.15 .80
The Cardinal.....	1/4 oz., 50c	.35 1.60
Venus. Apple-blossom-pink.....	1/4 oz., 25c	.15 .80
Venus. Pink type.....	1/4 oz., 25c	.15 .80
Majus Grandiflorum. Mixed.....	1/4 oz., 20c	.15 .60

Large-Flowering Half-Dwarf Sorts

Amber Queen. Canary-yellow overlaid chamois pink.....	1/4 oz., 50c	.20 .80
Aurora. Cinnabar carm., white throat.....	1/4 oz., 25c	.15 .80
Black Prince. Deep crimson.....	1/4 oz., 25c	.15 .80
Bonfire. Orange buff. (Defiance).....	1/4 oz., 40c	.20 .80
Canary Bird. Lemon-yellow.....	1/4 oz., 25c	.15 .80
Cottage Maid. Pale pink, white throat.....	1/4 oz., 25c	.15 .80
Crimson Queen.....	1/4 oz., 30c	.15 .80
Daphne. Pink suffused with white.....	1/4 oz., 25c	.15 .80
Daffodil. Pale lemon-yellow. Early flowering.....		.25 .80

ANTIRRHINUM—Continued

Large-Flowering Half-Dwarf Sorts Trade pkt. Oz.

Defiance. Brilliant scarlet.....	¼ oz., 60c	\$0.25	.....
Empress. Rich velvety crimson.....	¼ oz., 35c	.25	\$1.00
Fascination. Pearly pink self.....	¼ oz., 35c	.20	.....
Fawn. Terra-cotta-pink, suffused yellow.....	¼ oz., 65c	.35	.....
Firebrand. Fiery orange-scarlet.....	¼ oz., 40c	.25	1.20
Gloria. Rich, deep rose-pink.....	¼ oz., 40c	.25	1.40
Golden Monarch. Good yellow.....	¼ oz., \$1.00	.35	.....
Golden Queen. Yellow.....	¼ oz., 25c	.15	.80
Keystone. Beautiful pink.....		1.00	.....
Madonna. Improved.....		.25	.....
Madonna. White.....	¼ oz., 35c	.25	1.00
Mauve Beauty. Rose mauve.....	¼ oz., 30c	.20	1.00
Mont Blanc. Large-flowered, white.....		.25	.....
Prima Donna. Terra-cotta-pink, suffused primrose, excellent for florist's use.....	½ oz., 50c	.25	.....
Queen of the North (Phelps white).....	¼ oz., 25c	.15	.80
Rose Dore. Salmon-rose.....	¼ oz., 25c	.15	.80
Vaughan's Special Mixture, semi-tall sorts.....	¼ oz., 40c	.25	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.	
Eldorado. Rich deep golden yellow.....	\$0.25	.....
Golden Dawn. Golden buff, overlaid salmon.....	.25	.....
Orange King. Rich orange.....	¼ oz., 65c	.25	.....
Sunset. Terra cotta to rosy salmon.....	¼ oz., 65c	.25	.....
Twilight. Delicate apricot with salmon shading,	¼ oz., 65c	.25	.....
Nanum Maximum Snowstorm. Pure white.....	¼ oz., 65c	.25	.....
Nanum Maximum Victory.....	¼ oz., 65c	.25	.....
Red Chief. Rich deep scarlet.....	.25	.....
Rose Eclipse. Lustrous, rich deep rose.....	.25	.....
Tom Thumb. Fine for pots and edging.			
Fireball. Scarlet.....	.35	.....
Orange-yellow.....	.35	.....
Pink.....	.35	.....
Snow Queen. White.....	.35	.....
Mixed, all colors, 6 in.....	¼ oz., 30c	.20	\$1.00
Sutton's Little Gem. Very charming, compact little plants, 4 to 6 inches high, covered with small flowers of various pretty colors; splendid for rock gardens or borders.....	.50	.....

Anchusa Capensis. Azure blue, 2 ft.....	1 lb., \$ 4.00	.15	.40
Capensis Blue Bird. Vivid indigo.....	12 lb., 12.00	.20	1.00
Antigonon Leptopus (Mountain Rose). Rosellb., 5.00		.15	.50
Araali Sieboldi. Seed ready in April. 1,000 seeds, \$1.00			
Arctotis Grandis (The African Lilac Daisy). A good cut-flower, flowers pure white on upper surface, reverse petals being lilac, 36 in.....		.15	.50
Breviscapa Aurantiaca. The daisy-like flowers have petals of a most pleasing dark orange color which turns lighter toward the center, thus producing a wonderful contrast to the purplish disc.....		.50	.....

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

candens Defflexus. 100 seeds, \$1.50; 1,000 seeds, \$10.00.

Lath House

Grown Seed, 100 seeds, 30c; 250 seeds, 50c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.00; oz., 80c; 1b., \$8.00.

Write for prices on larger lots.

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets 100 seeds, \$1.25; 1,000 seeds, \$10.00

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



BEGONIA Semperflorens

Begonia

Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet.....	Trade pkt.	Oz.	
	\$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.....	½ oz., \$2.00; 1/8 oz., \$6.00	1.00	\$40.00
Fireball. Fiery crimson, 10 in.....	½ oz., \$2.00	1.00	
Gruppen Konigin. Foliage dark green, edged reddish brown. Dwarf compact growth, large brilliant dark rose flowers.....	½ oz., \$2.00	1.00	
Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in.....	½ oz., \$2.00	1.00	
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....	½ oz., \$3.00	1.00	
White Pearl. White.....	½ oz., \$2.00	.50	
Semperflorens Alba. White, 14 in.....	1/8 oz., 50c	.25	
Albert Martin. Bright carmine, very large flowers, 14 in.....	½ oz., \$1.00	.50	
Erfordia. Rosy carmine, 10 in.....	½ oz., \$1.80	.50	
Fire Sea (Blaze of Fire). Red flowers, green foliage.....	½ oz., \$2.25	1.00	
Flame of Love. Large scarlet flowers, bright green, brown-tinted foliage, 10 in.....	½ oz., \$2.00	1.00	
G. Knaacke. Glowing salmony pink resembling Meloir.....	½ oz., \$2.00	1.00	
Glory of Erfurt. Large carmine flowers.....	1/8 oz., 2.00	.50	
Melanie (Marginata). White, margined with rose		.50	
Rose Charm. Fresh rose color.....	1/8 oz., \$2.50	1.00	
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in.....	1/8 oz., \$2.00	1.00	
Vernon. Blood-red, dark leaves, 12 in.....	1/16 oz., .50	.35	
Wuerttembergia. Deep scarlet.....	1/8 oz., 1.00	.50	
Mixed.....	1/8 oz., .60	.25	3.20
Tuberous-Rooted, Single. Mixed 12-in.....	1/32 oz., \$2.00	.50	
Crispa mixture of frilled sorts.....	1/32 oz., \$2.80	1.00	.....
Narcissus-Flowered.....		1.00	.....
Lloydii (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets, 1.00		1.00	.....
Double. Mixed.....	1/64 oz., \$5.00	1.00	.....
Bronze Leaved Scarlet.....		1.00	.....

Artemisia. Annu, very decorative, 5 ft.....	.10	.30
Sacrorum Viridis (Summer Fir). 5 ft.....	.15	.80
Asclepias Curassavica. Greenhouse plant which blooms from seed the first year; useful winter blooming indoor plant.....	¼ oz., \$1.25	.50
Asperula Azurea Setosa. Lavender-blue, 12 in.....	.10	.30

Vaughan's Asters



ASTER CALIFORNIA GIANT SUNSHINE

Tall Section

California Giant Sunshine Mixed. They are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

In point of color the lovely dual-tone effect beggars description. The grace and beauty of build, with cushiony centers of tubular bifurcate petals and the rim of exquisitely-poised outguard petals surrounding the central disk, make for a lace-like perfection and daintiness of form and contour that must appeal to the most esthetic taste.

With the disk a lovely light-yellow and the encircling guard petals varying shades of Enchantress-pink, apple blossom, deep-rose, blue and lavender, there are produced color contrasts at once startlingly beautiful in the ensemble, stamping this glorious new strain as one of the outstanding acquisitions of modern times to floriculture. 1/4 oz. \$2.00 \$1.00 \$7.50

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

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	Light Grayish	Lavender	
Peachblossom	Crimson	Purple	Trade pkt.	Oz.
Any of the above.		1/4 oz., 65c	\$0.25	\$2.00
Mixed, all colors.		1/4 oz., 50c	.25	1.60

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	Azure-Blue		
Shell-Pink	Lavender	Dark Blue		
Malmaison Pink	Cattleya	Purple	Trade pkt.	Oz.
Dark Pink				
Any of the above.		1/4 lb., \$14.00; 1/4 oz., 35c	\$0.25	\$1.20
Mixed, all colors.		1/4 oz., 30c	.20	1.00

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	Carmine-Rose	Light Grayish	Lavender	
September-Pink	Crimson	Purple		
Peachblossom	Azure-Fairy	Black Prince	Trade pkt.	Oz.
Rose				
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 above.		1/4 oz., 30c	\$0.20	\$1.00
Mixed, all colors.		1/4 oz., 25c	.15	.80

GIANT COMET—2 feet

Yellow.	1/4 oz., 35c	\$0.25	\$1.20
Salmon-Rose. . . . .		.35	1.60
Queen of Spain. Flesh.	1/4 oz., 45c	.25	1.60
Mixed, all colors.	1 lb., \$10.00; 1/4 oz., 30c	.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			
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	Crimson	Terra-Cotta		
Soft Pink	Deep Rose	Light Blue		
Malmaison Pink	Sky-Blue	Dark Blue	Trade pkt.	Oz.
Vermillion-Carmine				
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. . . . .			.25	1.20
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	Crimson	Dark Blue		
Rose-Pink	Scarlet	Purple		
Flesh	Deep Lavender	Trade pkt.	Oz.	
Any of the above.		1/4 lb., \$10.00; 1/4 oz., 30c	\$0.15	\$1.00
Mixed, all colors,		1/4 oz., 25c	.15	.80

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	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

Vaughan's Asters

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

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. A wonderful cut-flower variety.

White	Light Blue	Dark Blue	Flesh	Trade pkt. Oz.
Pink	Dark Rose	Lilac		
Any of above.....	1/4 oz., 50c	\$0.35	\$1.50	
Mixed. The above and others.....	1/4 oz., 35c	.25	1.20	

OTHER ASTERS

Aurora Salmon Rose. Plant of pyramidal growth 3 1/2 to 4 inches across. Flowers beautiful salmon rose color.....	Trade pkt. Oz.	\$0.25	\$1.40
Ball's White. Finest pure white aster for cut flower purposes. Midseason.....	1/4 oz., 60c	.25	2.00
Everlasting Flesh. It resembles a large Helichrysum; when cut and dried it retains its color and shape as an everlasting flower.....		.25	1.20
Everlasting Rose.....		.35	2.40
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.....	1 lb., \$16.00; 1/4 oz., 50c	.25	1.40
Heart of France Wilt Resistant Strain. The same variety as above only these have proved themselves absolutely free from the wilt disease, having been grown in the sickest of soils successfully. 1/4 oz. \$2.50	1.00	8.00	
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. 1/4 oz., 40c		.25	1.40
Lemon Ball. Most distinct yellow aster, a light canary yellow, quilled and so double that it has the appearance of a perfect hemisphere; very lasting when cut, and the plants remain in bloom for a long time; upright growing; 20 in.	1/8 oz., \$1.50	.50	....
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 is a dark rich garnet or ox-blood-red.....	1/4 oz., 40c	.25	1.40
Swan's Down. An enormous white peony-flowered Aster. Flowers beautifully incurved about 4 1/2 to 5 1/2 inches in diameter with straight, rigid stems, non-lateral branching.....	1/4 oz., 85c	.50	3.20
Maiden's Blush. A sister of the above, only the lovely flower is a soft appleblossom pink.....	1/4 oz., 85c	.50	3.20
Scarlet King. The most beautiful and distinct of all red Asters, more brilliant even than Heart of France; blooms profusely and lasts long when cut. 20 in.	1/8 oz., \$1.00	.50	....
Soleil D'Or (Golden Sun). 18 in. Best yellow Aster.....	1/4 oz., 45c	.25	1.60
The Mikado, Pink Rochester. 2 ft. Petals are narrow, very long and gracefully reflexed. 1/4 oz., 40c		.25	1.40
Victoria Micaela. Salmon-pink, overspread with white. 20 in.	1/4 oz., \$1.00	.50	....



BEAUTY ASTER

Surprise Aster "Salmongold" is an entirely new color and new form. When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The single blossom is 2 3/4 to 3 1/2 inches in diameter of a noble, circular round form. The blossoms resemble to a certain degree the Peony Flowered type with the long stems of the American Beauty. Each plant carries on the average of 40 to 50 blooms and the cut flowers remain in water fresh from two to three weeks. (About 50 seeds), \$0.35

ASTERS IN MIXTURES

Vaughan's Florists' Mixture.....	1/4 oz., 35c	.25	\$1.25
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	Mauve		
Marechal Joffre. Large-flowered, single red.	Trade pkt. Oz.		
Each of the above.....	1/4 oz., 25c	\$0.20	\$0.80
Mixed, all colors.....	1/4 oz., 20c	.15	.60

DWARF AND SEMI-DWARF ASTERS

Vaughan's Fireball.....	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



CALENDULA Ball Orange

Balsam

Trade pkt. Oz.

Double Pink, Crimson, Scarlet, Flesh color, Lilac, Dark Blue, Light Lemon.....	\$0.15	\$0.60
Alba Perfecta. Largest and best double white...	.15	.80
Aurora. Striking brilliant color.....	.15	.60
Nilsson Rose. Deep rose-pink..... lb., \$6.00	.15	.60
The Queen. Salmon-pink..... lb., \$6.00	.15	.60
Prince Bismarck. Salmon-rose.....	.15	.80
Camellia-flowered. Mixed, all colors. Improved.	.15	.60
Rose-flowered. Mixed, all colors.....	.15	.50
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

Balsam Apple (Momordica). Curious climbers....	.10	.40
Pear.....	.10	.40
Bartonia Aurea. Golden yellow. 24 in.....	.10	.30
Bachelor's Button. See Centaurea Cyanus.		
Balloon Vine (Cardiospermum Halicacabum).....	.15	.15
Basil. Bush variety. Vivid green, fragrant foliage, of dwarf habit, makes a good pot plant.....	.15	.60
Bellis. See perennial pages.		
Bidens. Humilis Yellow. Cosmos-like flowers, 20 in... ¼ oz., 30c	.15	1.00
Bird of Paradise. (Poinciana Gilliesii).....	.25	1.00
Blue Daisy. See Agatheia.		
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. ½ oz., \$1.50; ¼ oz., \$2.80; 500 seeds.	.35	
Speciosa Major Alba. pure white flowers.....	.50	
Cacalia (Tassel Flower). Scarlet, orange or Mixed; good cut-flower, 16 in., each.....	.10	.50
Calandrinia Grandiflora. Rose, 16 in.....	.15	.80
Umbellata. Crimson-violet, very fine, 6 in..... ¼ oz., 50c	.25	

Cactus Seed

In view of the great interest in Cacti at the present time, we are offering seeds of some of the most popular types in mixture, and a few of the better known varieties separately; also a collection of ten varieties in separate packets.

Cacti can easily be grown from seed and it is an interesting pastime, each miniature plant being as perfect as the parent, and most of the varieties offered developing comparatively fast. The seeds germinate irregularly, over a period of from 14 to 40 days. All the bags have cultural directions.

We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price 25c

	100 seeds	1000 seeds
Cereus (Column-cacti), mixed.....	\$0.25	\$2.00
Echinocactus (Hedgehog-cacti), mixed.....	.25	2.40
Echinocereus (Cluster-cacti), mixed.....	.30	2.40
Echinopsis (Tube-flowering hedgehog-cacti), mixed.....	.40	3.00
Mammillaria (Wart-cacti), mixed.....	.30	2.40
Opuntia (Fig-cacti), mixed.....	.20	1.40
Cacti. All kinds and forms, mixed.....	.20	1.40
Collection. 10 sorts, each in illustrated bag with cultural directions..... each, 65c		
Cephalocereus Senilis (Old Man Cactus)....	.65	5.00
Cereus Grandiflorus (Queen of the Night)....	8.00	
Lithops Lesliei (Flowering Stones).....	1.50	12.00

Calceolaria Hybrida

Mixed, Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A superior English strain. Price, trade pkt. (about 1,000 seeds), \$1.00; ½ oz., \$3.50; ¼ oz., \$2.00. Trade pkt. Oz.

Hybrida Grandiflora Graciosa. A type with very large flowers, self colors of a great variety, especially in the yellow shades..... ¼ oz., \$2.50	\$0.75
Hybrida Grand Nana Tigrina. Dwarf mixed..... ¼ 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..... ¼ oz., \$6.00	1.00
Lignosa Bunch of Gold. A compact plant, 12 in. high, bearing numerous sprays or bunches of small golden yellow flowers all through the summer.....	1.00
Profusa Hybrids. Flowers are large and range in color from yellow to reddish bronze.....	1.00
Rugosa Aurea. Golden Rain.....	1.00
Rugosa Hybrida Orange.....	1.00
Rugosa Hybrida Scarlet.....	1.00
Rugosa Hybrida Crimson.....	1.00
Rugosa Major, mixed.....	1.00

The Rugosa varieties furnish splendid cut-flower material besides being a good pot plant. The flowers are smaller than the Hybrida produced in clusters and keep well in water after cutting.

Calendula

Trade pkt. Oz.

Sensation. Long stems very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.... ¼ oz., \$1.00; 2 oz., \$5.50	\$0.50	\$3.00
Ball Orange. 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., \$30.00; ¼ oz., \$1.00	.50	3.00
Ball Supreme. Light orange with brown eye..... ¼ oz. \$1.00; 2 oz., \$5.00	.50	3.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange..... lb. \$30.00; ¼ oz., \$1.00;	.50	3.00
Ball White. Creamy white color with dark center..... ¼ oz., \$1.00	.50	3.00
Radio. An English introduction. The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled which has an extraordinary effect on the appearance of the flower..... 2 oz., \$5.00; ¼ oz., \$1.00	.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., \$8.00	.20	.75
Apricot. Creamy yellow, flushed apricot. ¼ oz., 25c	.15	.75
Sulphurea Plena. Select double sulphur-yellow. lb., \$5.00	.15	.50
Pongei Fl. Pl. Double white.....	.15	.80
Metcor..... lb., \$2.00	.10	.25
Mixed. All colors..... lb., \$1.40	...	.15

		Trade	pkt.	Oz.
California Poppy. See Escholtzia.				
Calliopsis Bicolor Nigra Speciosa, Very dark, 40 in..	\$0.10	\$0.30		
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., \$4.00	.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		
Vaughan's Special Mixture.....	.15	.50		
Campanula. See Perennial pages.				
Canary Bird Flower. Yellow. Good climber for shade	.10	.30		

Candytuft

Giant Hyacinth-Flowered. Select, pure white, 12 in. lb., \$8.00	.20	.80
Princeps (Little Prince). Dwarf, large spikes, 6 in..	.15	.60
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..... lb., \$5.00	.15	.50
Rose Cardinal. Rose-pink, 1 ft..... lb., \$5.00	.15	.50
Mixed..... lb., \$2.80	.10	.30

For Gibraltarica and Sempervirens see perennial pages.

Canna. Large-Flowering Varieties. Mixed lb., \$4.00	.15	.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	.50
Large-Flowering Pink. Comes pretty true. lb., \$6.00	.25	.50
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.

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

		Trade	pkt.	Oz.
Any of above.....	1/4 oz., 70c	\$0.50	\$2.50	
Vaughan's Early and Perpetual-Flowering, mixed,	1/4 oz., 65c	.50	2.00	

Double Enfant de Nice

This is the result of a cross between two French varieties. They are of compact growth with extremely stiff stems bearing flowers which are up to 2 1/4 to 2 3/4 inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White	Rose		
Salmon	Red		
Each of above.....	1/8 oz., \$2.00	\$0.75	....
Mixed, from varieties noted above.....	1/8 oz., 1.50	.75	....
Giants of Nice. Blooms in four to five months from sowing.....	100 seeds, 65c; 1000 seeds, \$5.00		
American Varieties. Seeds saved from the best varieties, with large flowers borne on long stems.	100 seeds, 65c; 1,000 seeds, \$5.00	.35	\$2.00
Mixed, extra choice.....	1/4 oz., 60c		
Vaughan's Special Mixture. A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud.	1/8 oz., \$1.00; 1,000 seeds, 50c		

For other Carnations see Hardy Perennials.

Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy-pink bracts, intermingled with orange-red. Fine for pots.....	500 seeds, \$1.00		
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Celosia

Childsii (Chinese Wool Flower). Crimson, 2 ft.	1/4 oz., 40c	.25	1.20
Deep Rose, New.....	1/4 oz., 40c	.25	1.20
Yellow.....	1/4 oz., 40c	.25	1.20
Mixed.....	1/4 oz., 40c	.25	1.20
Chrysanthemiflora. A cross between C. Plumosa and Cristata Mixed.....	1/4 oz., 65c	.35	2.40



CARNATION Double Enfant de Nice

CELOSIA—Continued		Trade	pkt.	Oz.
Cristata (Coxcomb). Tall, Crimson.....	1/4 oz., 85c	\$0.25	\$1.20	
Tall golden yellow.....		.35	....
Rose.....		.35	....
Scarlet.....		.35	....
Chamois.....		.35	....
Tall sorts, mixed.....		.15	.80	
Parrot's Feather, Cristata X Plumosa	1/4 oz., 85c	.25	3.00	
Nana Aurea. Dwarf, dark golden, 12 in.....		.35	....
Empress. Bright crimson combs, dark foliage, beautiful, 12 in.....	1/4 oz., 70c	.35	2.40	
President Thiers. Dark crimson, 12 in.	1/4 oz., 65c	.35	2.20	
Rosea. Dwarf, dark rose combs, 12 in.	1/4 oz., 60c	.35	....
Dwarf Sorts. Extra choice mixed.....		.35	2.00	
Plumosa (Ostrich Plume). Crimson....	1/4 oz., 30c	.25	1.00	
Ostrich Plume Orange.....	1/4 oz., 30c	.25	1.00	
Pride of Castle Gould.....	1/4 oz., 65c	.50	3.20	
Triumph of the Exposition, Mixed....	1/4 oz., 20c	.15	.60	
Dwarf Mixed. Fine for pots.....	1/4 oz., 50c	.25	....
Thompsoni Magnifica, Mixed.....	1/4 oz., 25c	.15	.80	
Tall Mixed, feathered varieties.....		.10	.50	

Centaurea

Americana. Lilac, handsome, 4 ft.:..... lb., \$4.00	.10	.40	
Alba. White, rare, 4 ft.....	.15	.60	
Candidissima (Dusty Miller). Yellow, silvery foliage, 16 in.....	1/4 oz., 40c	.25	1.40
Cyanus (Corn Flower). 36 in.			
Double Atropurpurea. Plum color..... lb., \$4.00	.10	.40	
Crimson..... lb., \$4.00	.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., \$4.00	.10	.40	
White. Pure..... lb., \$4.80	.10	.40	
Mixed, all colors..... lb., \$3.00	.10	.30	
Victoria. Dwarf blue, for borders, 8 in.....	.10	.30	
Vaughan's Special Mixture. Cyanus varieties.			
..... lb., \$4.00	.15	.40	
Gymnocarpa. Silvery foliage..... lb., \$4.00	.15	.50	
Imperialis (Giant Sweet Sultan) Alba. Pure white, 32 in.....	1/4 oz., \$6.00	.15	.60
Amaranth. Splendid new color..... lb., \$6.00	.15	.60	
Brilliant Rose..... lb., \$6.00	.15	.60	
Deep Lavender..... lb., \$6.00	.15	.60	
Favorita. Rosy lilac..... lb., \$6.00	.15	.60	
Lilacina. Lilac center..... lb., \$6.00	.15	.60	
Splendens. Dark purple..... lb., \$6.00	.15	.60	
Mixed Colors.....	.10	.40	
Moschata, Mixed (Sweet Sultan). 32 in.....	.15	.50	



COSMOS Double Early-Flowering Mixed

CENTAUREA—Continued		Trade pkt.	Oz.
Suaevolens (Sweet Sultan). Canary-yellow, 2 ft. lb., \$4.00	\$0.10	\$0.40	
Vaughan's Special Mixture includes all the annual Centaurea sorts.	.15	.60	
See also Perennial pages.			

Centrosema Grandiflora. Reddish violet. 1/4 oz., 35c	.25	1.20	
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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.	.15	.50	
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	
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	
Nanum Coronet. Single. Flowers cream, edged lemon. Flowers last very long when cut and are charming in combination with blue corn flowers	.20	.60	
Frutescens (Paris Daisy). White, 30 in.	.15	.60	
Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft.	.50	1.00	
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.	.25	1.40	
Japonicum fl. pleno. Double Japanese, mixed, 2 ft.	.50	1.20	
Japanese Balcony. A very choice mixture of single small-flowering Chrysanthemums. Make good pot plants and plants suitable for hanging baskets and porch boxes. Plants produce drooping spikes a foot or more in length about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed. Should be grown in hanging basket or in a pot set high to allow the plant to develop to full beauty. Blooms first year from seed.	1.00	2.50	

CHRYSANTHEMUM—Continued

	Trade pkt.	Oz.
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in.	\$0.10	\$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. 1/4 oz., \$2.25; 1/2 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. 1/2 oz., \$3.00	1.00	....
Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored.		
Azure Blue	Dark Rose	Pink
Dark Blue	Lilac	White
Dark Red		
Each of the above.	1.00	....
Multiflora Nana. Mixed, all colors, 1/2 oz., \$2.50	1.00	....
Nana Maxima. Mixed.	1.00	....
Potsdam Strain. An improvement on the Multiflora Nana Strain.	1-32 oz., \$3.00; 1/4 oz., \$1.70	1.00
Large-Flowering Crimson.	500 seeds	.50
Azure Blue.	500 seeds	.50
Dark Blue.	500 seeds	.50
Old Rose. Pink to rich coppery red.	500 seeds	.50
Matador. Deep copper scarlet.	500 seeds	.50
James' Giant. A well-known English strain.	1/2 oz., \$2.50; 1,000 seeds	1.00
Grandiflora, Semi-Dwarf. Mixed.	1/2 oz., \$2.00; 500 seeds	.50
Gigantea. Dark red, with white.	1/4 oz., \$2.25; 500 seeds	1.00
Dark blue with white.	1/4 oz., \$2.25; 500 seeds	1.00
Plenissima. Double mixed.	1/2 oz., \$2.00	1.00
Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. Plants grow 3 ft. high.	1/6 oz., \$1.00	.50
Feltham Beauty. Somewhat dwarfier than above, but with larger flowers and broader petals; nearly all have white centers.	1-32 oz., \$2.50; 500 seeds	.50
Stellata Blue.	1/4 oz., \$2.00	.50
Polyantha Salmon Pink, a fine new shade.	1.00	....

Cineraria Maritima Candidissima. For bedding.	.15	.50
Maritima 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 started.

	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	.15
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.	1/4 oz., 85c	.25
Cobaea Scandens. Purple.	lb., \$5.00	.10
Scandens Flore Albo. White.	.15	.80
Cockscomb. See Celosia.		
Coix Lachrymae (Job's Tears).	lb., 60c	.10

	Trade pkt.	Oz.
Coleus Colosse des Pyrenees, mixture...	1/16 oz., \$2.00	\$0.50
Large-leaved Dwarf Mixed, for pots...	1/16 oz., \$1.00	.50
Extra Choice, Large-leaved, mixed...	1/16 oz., 85c; 1/8 oz., \$1.50	.50 \$2.00
Fine Mixed...	1/4 oz., \$0.80	.25 2.80
Laciniated and Fringed, 16 in...		.50
Large-leaved, copper color, 20 in...		.50
Vaughan's Rainbow Mixture...	1/16 oz., \$1.50	1.00
Collinsia. Mixed, 1 ft...		.15
Columbine. See Aquilegia.		
Commelina Coelestis. Navy blue flowers, 24 in...	.35	1.60
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...	.25	3.00
Coreopsis. See perennial pages.		
Corn Flower. See Centaurea Cyanus.		
Cosmidium Burridgeanum. Orange Crown. Golden yellow with a broad circle of a rich orange around the disc, 24 in...	.10	.40
Cordylone. 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., \$1.20	.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...	lb. \$4.00	.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
Early Express Pink. An extra early Cosmos, flowering in from 45 to 50 days from the time seed is planted. Plant grows about 2 1/2 to 3 ft. high and is covered with medium sized bright pink flowers...	.25	1.40
Anemone-Flowered (Crested). Pink, Red or White. Each...	lb., \$12.00	.20 1.00
Mixed...	lb. \$10.00	.15 .80
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...	1/8 oz., 50c	.35 3.00
Mixed...	1/4 oz., 60c	.25 2.00
Hollywood Star. Quilled petals, tips slightly curled, mixture of red, white and pink...	1/4 oz., 85c	.25 3.00
Klondyke. Orange-yellow, late-bloomer...		.15 .60
Crepis Barbata Red. Showy semi-double flowers, 18 in...	lb., \$4.00	.10 .40
Crucianella Stylosa. Light red, 18 in...		.15 .60
Cuphea Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft...	1/8 oz., \$1.00	.50
Purpurea. Mixed...		.20
Cyperus Alternifolius (Umbrella Plant)...		.20 1.20
Cypress Vine. White or Scarlet, each...		.10 .25
Mixed...	lb., 1 80	.10 .25
Ivy-Leaved Scarlet...		.15 .50
Hybrid Cardinal Climber...		.25 .80

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	5.00
Single Giant Perfection. Mixed, 4 ft...	.25	1.00
Collarette. New hybrids, 3 ft...	.25	1.20
Coltness Hybrids mixed...	.50	2.40
Coltness Gem, single bright scarlet...	.50	5.00
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

TYPE OF OUR CYCLAMEN



Cyclamen

NOTE—Cyclamen seed prices are net.

Giant English-Grown

Brilliant Giganteum. Very robust grower. Fiery crimson flowers. 100 seeds, \$1.40; 1000 seeds, \$12.00.
 Cherry Ripe. Nearly scarlet. 100 seeds, \$1.40; 1000 seeds, \$12.00.
 Mrs. L. M. Graves. Salmon scarlet. 100 seeds, \$1.40; 1000 seeds, \$12.00.

Prices—any of the following—100 seeds, \$1.40; 1000 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; 1000 seeds, \$10.00.

Persicum Giganteum—German Type

	100	1000
Glory of Wandsbek (Pearl of Zehlendorf). Dark salmon	\$1.20	\$10.00
Rose von Wandsbek (Rose of Zehlendorf). Light salmon	1.20	10.00
Salmon Scarlet. A favorite in the Chicago trade...	1.50	13.00
Salmon Rose Improved...	1.50	14.00
Lavender...	1.50	13.00
Saffron Red...	1.50	12.00
Rose of Marienthal. Delicate pink...	1.00	8.00
Rosea Superba...	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...	1.20	10.00
Rococo. Large flowers, fringed, mixed...	1.40	12.00

Daisy, see Bellis, Agathea, 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.



GLOXINIA Type of Vaughan's Columbian Mixture

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
Double Lilac. Splendid for wreaths and funeral work. Height, 12 in.	1/4 oz., 85c	.25	3.00
Eastern Queen. Single rose	.15		.60
Fireball. Double, brilliant dark scarlet. 1/4 oz., 30c	.20		1.00
Mourning Cloak. Double black purple, white margin	.15		.80
Rosalind. Double rose	1/4 oz., 65c	.25	2.00
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
Salmoncus (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
Violaceus Fl. Pl. Double deep violet. 1/4 oz., 35c	.25		1.20
Single fringed. Choice mixed	.10		.40
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

Dianthus Sweet Wivelsfield

A new, hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus is bound to win instant favor both as a cut flower of lasting quality and as a new spring bedding plant. Trade Pkt., 50c; 1/4 oz., \$1.50; oz., \$5.00.

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.	Trade	pkt.	Oz.
..... lb., \$12.00	\$0.25		\$1.00
Digitalis, see Perennial pages.			
Dracaena Australis..... lb., \$6.00	.15		.60
Indivisa..... lb., \$4.00	.10		.40
Latifolia.....	.15		.80
Lineata.....	.15		.60

Dimorphothecca Aurantiaca (Orange Daisy). Glossy orange-golden flowers, 12 in.	Trade	Pkt.	Oz.
.....	\$0.15		\$0.80
Aurantiaca, New Hybrids.....	.15		.80
Golden West. Canary yellow.....	.25		1.20
Salmon Beauty..... 1/4 oz., 35c	.25		1.20
Ecklonis. White, dark blue center. 1/4 oz., \$1.25	.35		3.00
Pluvialis Ringens. Dwarf, white blue ring.....	.40		2.40
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
Echeveria (Hen and Chicken). De Smetiana.....	.....		.....
Retusa Hybrids. Very easily grown winter bloomer, holding up well for house or store decoration. The Echeverias are just now quite in the popular taste. These hybrids have larger leaves than the old retusa and the flower spikes, 16 to 21 inches high with their bright orange to carmine red flowers, are very pretty above the gray-green foliage. Can be had in bloom from October to May. Well developed plants bring from 5 to 10 well branching, richly blooming stalks, and are easily had in bloom in a warm house for Christmas. A valuable addition to the list of winter-flowering plants. 100 seeds, 45c; 1000 seeds, \$3.50	.....		.....
Setosa..... 100 seeds, 65c; 1000 seeds, \$5.00	.....		.....
Mixed..... 100 seeds, 30c; 1000 seeds, \$2.50	.....		.....
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.	.10		.40
Californica. Pure yellow, 16 in.	.10		.20
Carmine King. Deep carmine..... lb., \$5.00	.15		.50
Chrome Queen, 16 in.	.15		.50
Mikado. Brilliant orange-scarlet.....	10		.50
Golden West. Lemon with deeper yellow center..... lb., \$2.20	.10		.25
Ramona. Coppery gold frilled.....	.25		.....
Rosy Morn (Canaliculata Rosea). Rose suffused, cream-white, 16 in.	.10		.40
Erecta Compacta, Dainty Queen. Rose-flesh.....	.15		.90
Hunnemannia, Bush Escholtzia. Yellow..... lb., \$6.00	.15		.50
Double. Pink.....	.15		.90
Robert Gardiner. Double orange..... 1/4 oz., 85c	.35		3.00
White.....	.15		.60
Yellow.....	.15		.60
Mixed.....	.15		.60
Vaughan's Special Mixture.....	.15		.60
Eucalyptus Globulus, Blue Gum.....	.15		.80
Euphorbia Heterophylla (Mexican Fire Plant).....	.15		.80
Variegata (Snow-on-the-Mountain). Foliage edged white and green..... lb., \$4.00	.10		.40
Evening Primrose, see Oenothera.			
Everlasting Flowers. Annual. See Ammobium, Acroclineum, Helichrysum, Rhodanthe, Xeranthemum, Gomphrena, Lunaria and Statice.			
Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Ornamental Grasses, Physalis and Statice Latifolia.			
Everlasting Flowers. Annual. Mixed.....	.15		.60
Exacum Affine. Blue. Fine for pots and baskets. 1/64 oz., \$1.60; 1000 seeds, \$1.00	.....		.....
Felicia. Bergeniana (Kingfisher Daisy). Turf-like foliage, with daisy-like flowers, 3/4 in. across, of an uncommon shade of blue. This annual is easily raised and comes quite true from seed. 1/4 oz., \$1.00	.25		.....

Fern Spores

Aspidium Cyrtomium Falcatum, Aspidium C. Falcatum Fortunei, Aspidium C. Roehfordianum, Aspidium Tsussinense, Dicksonia Cicutaria, Polypodium Aurcum, Pteris Argyraea, P. Cretica Albo-lineata, P. Cretica Cristata, P. Cretica Mayii, P. Cretica Ouvrardii, P. Ensiformis Victoriac, P. Tremula, P. Cretica Wilsonii, P. Cretica Wimsettii, P. Cretica Wim. Multiceps.

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

Feverfew. See Matriearia and Pyrethrum.			
Forget-Me-Not (Myosotis). See Perennial pages.			
Foxglove (Digitalis). See Perennial pages.			
Four O'Clock (Marvel of Peru). Mixed..... lb., \$1.00	.....		\$0.10
Red, Rose, Lilae and Yellow, each.....	\$0.10		.25
Dwarf Mixed. Choice assortment.....	.10		.30
Longiflora Alba. Sweet-scented.....	.10		.40

	Trade	pkt.	Oz.
Freesia Refracta Alba.....lb., \$4.00	\$0.10		\$0.40
Rainbow Hybrids . The new colored Freesias.....lb., \$16.00	.25		1.40
Hybrida Tubergenii . Richest shades, largest flowering hybrids. Sow seed beginning of April in pots or flats in a mixture of good hot-bed soil and rotted sod. These flats are placed in greenhouse or hot-beds. With a temperature of 10 to 15 degrees the seed will germinate in 4 to 6 weeks if the watering has been properly taken care of. When the seedlings are of sufficient size to be handled they are pricked off in pots or flats or placed 2½ in. apart—here they can remain until the blooming season. Good drainage is of importance otherwise treatment is the same as when raised from bulbs. If sown in April, the plants will bloom in December to January. In order to lengthen the blooming period several sowings 2 to 3 weeks apart can be made.....		1/8 oz.,	\$1.00
Fuchsia . Single mixed.....	.25		6.00
.....200 seeds, \$1.20; 1000 seeds, \$5.00			
Double Mixed.....200 seeds, \$1.20; 1000 seeds, \$5.00			
Gaillardia Amblyodon . Red, fine, 24 in.....	.15		.60
Aurora Borealis . Brown, red and yellow.....	.15		.60
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
Gamolepis Tagetes , 6 in. A charming edging plant with daisy-like yellow flowers.....	.20		1.00
Garden Heliotrope , see Valeriana.			
Gaura Lindheimeri . White. Fine for large groups..	.15		.60
Gazania Longiscapa . Yellow with brown ring.....	.35		1.80
Geranium . Apple-scented.....			
.....100 seeds, 55c; 1000 seeds, \$4.00			
Zonale . Single, fine mixed.....	.25		1.60
Single, extra large-flowering, mixed, choice.....	.35		2.00
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.....	1.00		....
Gilia . Mixed.....			.15
Capitata Blue (Blue Thimble Flower). 2 ft. fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter.....lb., \$2.60	.10		.25
Gladiolus Gandavensis Hybrids, mixed.....lb., \$6.00	.15		.60
Primulinus Hybrids, mixed.....lb., \$6.00	.15		.60
Globe Amaranth (Gomphrena) . Mixed.....	.10		.25
Globosa . Red-purple, white, flesh, and pink.....			
.....each, lb., \$2.40	.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.

.....1/32 oz., \$2.50. Trade Pkt. (about 1000 seeds)	1.00	....
Emperor Frederick . Scarlet, white margin.....		
.....1/32 oz., \$2.50	1.00	
Emperor William . Dark blue, bordered white.....		
.....1/32 oz., \$3.00	1.00	
Othello . Purple.....	1.00	
.....1/32 oz., \$3.00	1.00	
Scarlet Queen . Deep scarlet.....	1.00	
.....1/32 oz., \$2.50	1.00	
Snow Queen	1.00	
.....1/32 oz., \$2.50	1.00	
Waterloo . Black red, passing to deep carmine.....		
.....1/32 oz., \$3.00	1.00	
Spotted and stained choice, mixed	1.00	....
.....1/32 oz., \$2.50	1.00	
Regina Sinningia Imperialis	1.00	
.....1/32 oz., \$2.50	1.00	
Gigantea Mixed	1.00	
.....1/32 oz., \$2.40	1.00	

Godetia

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

Carmine			
Rose			
Rosy Morn (Deep Rose)			
Mauve			
Each of above.....	1/4 oz.,	60c	\$0.25 \$2.00
Mixed.....	.15		1.00
The Bride . White and crimson, 24 in.....	.15		.60
Duchess of Albany . Satiny white, 16 in.....	.15		.60

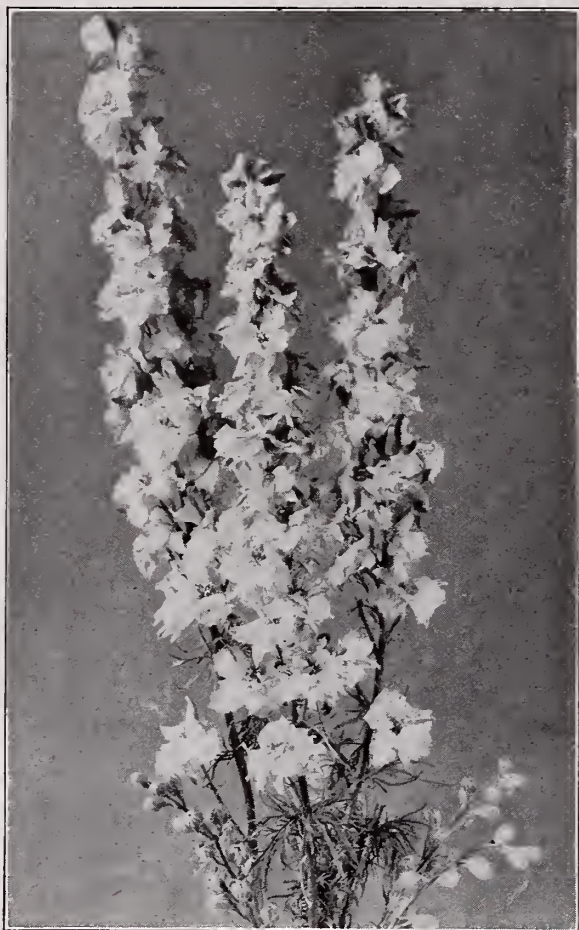


GODETIA Gladiolus-Flowered Double

GODETIA—Continued	Trade	pkt.	Oz.
Gloriosa . Glowing dark red, 10 in.....	\$0.15		\$0.60
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			
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
Grevillea 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.....lb., \$2.80	.10		.30
Rosea.....lb., \$2.00	.10		.20
Grandiflora Alba . Fine for cutting. A very choice strain 1/4 lb., 50c; lb., \$1.60; 5 lbs., \$7.00	....		.20
Carminea . Carmine.....lb., \$2.40	.10		.25
See also Perennial pages.			
Helianthus . See Sunflower.			
Helichrysum Monstrum Fl. Pl.			
Silver Ball	Rose-Carmine		Canary-Yellow
Fireball	Salmon Queen		Crimson
Golden Ball	Violet Queen		Salmon-Red
Rose Queen			
Each of the above.....lb., \$6.00	.15		.60
Vaughan's Special Mixture.....lb., \$6.00	.15		.60

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.



ANNUAL LARKSPUR Stock Flowered

Heliophila Linearifolia. Charming new annual from the Cape, with pretty blue, white-eyed flowers in long racemes. Pretty with Ursinia or other orange flowers. 18 in.	$\frac{1}{16}$ oz., \$1.00	\$0.50	.....
Heliotrope. Finest mixed.	$\frac{1}{4}$ oz., 30c	.20	\$1.00
Dark Varieties, Mixed. ....	.....	.35	1.40
Mammoth Flowered, Mixed.	$\frac{1}{4}$ oz., 50c	.35	1.40
King of the Blacks.	$\frac{1}{4}$ oz., 60c	.35	.....
Madam Bruant. Violet-blue with white eye. ....	.....	.50	1.80
Madam Lederle. Giant-flowered dark blue. ....	.....	.50	1.80
Regale, Mixed.	$\frac{1}{4}$ oz. 60c	.35	.....
White Lady. Pure white. ....	.....	.25	.....
Heliotropes will bloom from seed in four months.			
Helipterum Sandfordi. Chrome yellow, 12 in. ....	.....	.15	.80
Herniaria Hirsuta. Used for ground cover, 3 in. ....	.....	.15	.60
Humulus Japonicus (Japanese Hop). Green-leaved lb., \$3.00	.....	.10	.30
Japonicus fol. variegatis (variegated foliage) lb., \$4.00	.....	.10	.50
Lupulus (common hop) $\frac{1}{4}$ oz. 40c	.....	.25	1.40
Hunnemannia Fumariaefolia (Bush Escholtzia). Does well in greenhouse, 18 in. lb., \$6.00	.....	.15	.50
Ice Plant (Mesembryanthemum Crystallinum). 8 in. Tricolor. Carmine, white and purple. ....	.....	.25	1.20
Impatiens Holstii. Vermilion, very fine. ....	.....	.35	.....
Holstii. New Hybrids, extra choice.	$\frac{1}{32}$ oz., \$1.00; 500 seeds	.35	.....
..... $\frac{1}{32}$ oz., \$1.00; 500 seeds	.....	.35	.....
Liegnitzia. Deep vermilion-red, free-blooming, splendid for beds and pots; requires half shade. .	.....	1.00	.....
Sultani. Bright rose. $\frac{1}{32}$ oz., \$1.00; 500 seeds	.....	.35	.....
Hybrids. $\frac{1}{32}$ oz., \$1.00; 500 seeds	.....	.35	.....
These Impatiens will make splendid pot plants for Christmas.			
Ionopsidium Acaule (Diamond Flower). Pale lilac, 5 in. $\frac{1}{4}$ oz., 85c	.....	.35	3.00
Ipomopsis Elegans. Mixed. Very leafy, the divisions being needle-like about one inch long. The flowers are $1\frac{1}{2}$ inches long, trumpet-shape, borne along the side of the summit of the stem. The colors include vermilion, salmon, apricot, rich pinks and pure yellow. ....	.....	.15	.80

Ipomoea. Bona Nox (Evening Glory), large. Trade pkt. Oz. blue. lb., \$2.00	\$0.10	\$0.15
Coccinea (Star Ipomoea), scarlet, very free-flower- ing. ....	.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
Japanese Giant mixed. lb., \$6.00	.15	.50
Lcari. Dark blue with crimson bars. ....	.50	4.00
Noctiflora (Moonflower), white seeded. lb., \$3.20	.10	.40
Noctiflora, black seeded. lb., \$3.20	.10	.40
Early-Flowering Heavenly-Blue, a good seller. ....	.25	1.50
Setosa (Brazilian Morning Glory), red. lb., \$3.20	.10	.30
Isoloma Hirsutum Multiflorum Hybridum. 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	.....
Kaulfussia Amelloides , blue, 10 in. ....	.25	1.20
Kochia Childsii (Summer Cypress) lb., \$1.40	.10	.15
Lantana Hybrida. Mixed. ....	.15	.50
Bruant's New Dwarf Hybrids, mixed. lb., \$5.00	.15	.50
Lavatera Arborea Variegata. Leaves mottled with yellow, 36 in. ....	.15	.80
Rosea Splendens, 30 in. ....	.15	.50
Alba Splendens, 30 in. ....	.15	.50
Lavender Lace Flower , see Didiscus.	.....	.....
Leptosiphon. French Hybrids, 10 in. ....	.15	.60
Leptosyne Maritima. Yellow, 24 in. ....	.15	.80
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in. ....	.15	.80
Limnanthus Douglassi , yellow and white, 6 in. ....	.15	.60
Linaria Maroccana Excelsior , mixed, 12 in. ....	.15	.60
Lemon Verbena (Aloysia Citriodora) $\frac{1}{4}$ oz., 85c	.25	.....
Lilium Regale. See Perennial pages.	.....	.....
Linum Grandiflorum Rubrum. Large-flowered scar- let Flax, 16 in. lb., \$2.50	.10	.25

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.

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.

Giant Imperial. A new race of annual Larkspur of up-right growth, branching from the base of plant, producing more and longer flower stems for cutting:

.....	Trade Pkt.	Oz.
Blue Spire. Dark Blue. $\frac{1}{4}$ oz., 85c	\$0.35	\$3.00
Lilac Spire. Beautiful lilac color. $\frac{1}{4}$ oz., 85c	.35	3.00
White Spire. Pure white flowers. $\frac{1}{4}$ oz., 85c	.35	3.00
Exquisite Pink Improved. Salmon-pink. lb., \$12.00	.25	1.00
Exquisite Rose. $\frac{1}{4}$ oz., 30c	.25	1.20
Stock-Flowered , 45 in., Newport Pink. lb., \$ 6.00	.15	.60
White. lb., 6.00	.15	.60
Dark Blue. lb., 6.00	.15	.60
Delicate Lavender. lb., 6.00	.15	.60
Empress Rose. Hermosa pink. $\frac{1}{4}$ oz. 30c	.25	1.20
Flesh. lb., \$ 5.40	.15	.60
Lilac. lb., 5.40	.15	.60
La France. Salmon pink. lb., 12.00	.25	1.00
Los Angeles. Salmony scarlet. $\frac{1}{4}$ oz. 30	.25	1.20
Miss California, a very rich, deep pink on a salmon ground. (Delphinium type). $\frac{1}{4}$ oz., 85c	.35	3.00
Rosy Scarlet. lb., \$6.00	.15	.60
Shell Pink. lb., 6.00	.15	.60
Sky-Blue (Ageratum) lb., 6.00	.15	.60
Mixed. lb., 4.00	.10	.40
Improved Giant Hyacinth-Flowered , 45 in., Violet Blue. lb., \$8.00	.25	.80
Mauve. lb., 8.00	.25	.80
Pink. lb., 8.00	.25	.80
Lilac. lb., 8.00	.25	.80
White. lb., 8.00	.25	.80
Mixed. lb., 8.00	.25	.80
Emperor. Extra choice mixed, 2 ft. lb., 4.00	.10	.40
Pink Delight, same shade as Stock-Flowered Ex- quisite. lb., \$10.00	.25	1.00
The Empress. Salmon pink. $\frac{1}{4}$ oz. 50c	.25	1.60



LAGURUS Ovatus



BROMUS Brizaeformis



UNIOLA Latifolia (See Perennials)

Ornamental grasses are valuable for mixing with flowers (like Gypsophila and Saponaria Vaecaria) or for drying for winter. They are easily grown from seeds. Sow thinly, where they are to remain, that allows the plants to branch and produce many sprays.

Nasturtium

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

DWARF SORTS—Tropaeolum Tom Thumb

	¼ lb.	Lb.
Empress of India. Deep crimson, dark-leaved.....	\$0.30	\$1.10
Golden King. Rich color.....	.35	1.20
King Theodore. Rich red, dark bluish foliage.....	.30	1.00
Vesuvius. Rich, fiery rose.....	.35	1.20
Vaughan's Special Dwarf Mixture. .10 lbs., \$10.00	.35	1.20
Dwarf Nasturtiums. Mixed, all colors. 5 lbs., \$3.50	.25	.80

TALL SORTS—Tropaeolum Majus

Ivy Leaved Mixed.....oz., 15c	.40	1.20
Jupiter. Best and largest yellow.....	.30	1.00
King Theodore. Rich deep red, dark foliage.....	.30	1.00
Pearl (Moonlight).....	.30	1.00
Schultzii. Best dark red.....	.30	1.00
Vesuvius. The most gorgeous fiery rose imaginable..	.30	1.00
Vaughan's Special Tall Mixture.....10 lbs., \$8.50	.30	1.00
Tall Sorts in Finest Mixture.....10 lbs., \$5.00	.20	.60

	Trade Pkt.	Oz.
Nemesia Strumosa Suttoni. Orange, 12 in.....	\$0.35	.....
Strumosa Suttoni. Scarlet, 12 in.....	.35	.....
Rose, 12 in.....	.35	.....
Mixed.....¼ oz., 50c	.35	\$1.80
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.....¼ oz., 75c	.35	.....
Triumph. Mixed.....	.35	2.00

These dwarf Nemesias are fine for pots.

Nemophila (Grove Flower). Mixed.....lb., \$1.80	.10	0.15
Insignis. Sky-blue, 6 in.....lb., \$1.80	.10	.15
Nicotiana Affinis. White, sweet-scented, 32 in.	.10	.30
Affinis Hybrids. Mixed colors, 32 in.....	.10	.40
Sanderae. Clear crimson, floriferous, 30 in.....	.15	.50
Crimson King. New, 30 in.....	.15	.70
Hybrids. Mixed, 30 in.....	.15	.80
Sylvestris. Very beautiful, sweet, pure white, 5 ft.	.10	.40
Nierembergia Gracilis, light blue, dwarf, 16 in.	.35	.....
.....¼ oz., 90c		
Nigella Damascena, Miss Jekyll, double blue, 18 in.	.10	.20
Double, mixed.....	.10	.15
Nolana. Mixed, lovely blues, 6 in.....	.10	.40
Nycteria Capensis, white, sweet-scented, 12 in.	.10	.....
.....¼ oz., 25c		
Oenothera (Evening Primrose). Mixed.....	.10	.30
Afterglow. Yellow with bright red calyx.....	.15	.60
America.....¼ oz., 60c	.35	2.00
Lamarckiana. Bright yellow.....	.10	.20

Ornamental Grasses

	Trade Pkt.	Oz.
Agrostis Nebulosa. Cloud-grass. A low grass with extremely delicate feathery panicle.....	\$0.25	\$1.20
Briza Maxima. Quaking Grass. Grows in very graceful panicles which tremble in the slightest breeze		
.....lb., \$4.00	.10	.40
Gracillima Minor.....lb., \$4.00	.10	.40
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.....lb., 60c	.....	.10
Eragrostis Elegans. Feather Love Grass. 1 to 2 ft.	.10	.40
Hordeum Jubatum.....	.15	.60
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 Rueppelianum. 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

Ornithogalum

In a comparatively short time one can work up quite a stock of these with a small investment for seed. The seeds, if planted in a seed bed in rather a cool temperature and transplanted when large enough, about 50% will flower the second year, full-flowering takes place the third year. It is wonderful cut-flower material, the outstanding feature is their lasting quality after being cut.

Thyrsoides. Flowers appear in dense raceme of thirty to forty star-like flowers, each one-inch across, clustered in somewhat triangular form.

Lacteum (Darling Chincherichee). Pure white flowers with dark eye. Each of the above, trade pkt., about 1,000 seeds..... Trade Pkt. Oz. \$1.00

Oxalis Tropaeoloides. Yellow, brown foliage.....	.35	\$3.20
Rosea. Very fine.....¼ oz., 85c	.50	.....
Alba.....	.50	.....
Valdiviana (Golden Cloth). Yellow, sweet.....	.35	2.20
Passiflora Grandiflora (Passion Flower). Blue.....	.50	4.00
Gracilis. Ornamental fruits, white.....	.35	.....
Incarnata. Flesh.....	.25	1.00
Edulis. White.....¼ oz., 50c	.35	1.60
Pennisetum Rueppelianum (purple Feather Grass), 36 in.....	.25	1.20
Longistylum, 18 in.....	.15	.50
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 Scminary, 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.		

Vaughan's Giant Pansies



VAUGHAN'S 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. Trade pkt., \$1.00; 1/8 oz., \$1.50; 1/4 oz., \$2.50; 1/2 oz., \$5.00; 1 oz., \$10.00.

Vaughan's 5-Blotched Super-Swiss Giants. The Swiss Giants as originally introduced by us were mostly 3-blotched. Our grower by painstaking selection has succeeded in fixing a strain that comes 90% 5-blotched and in all the brilliant and unique colors and color combinations of the Swiss Giants having their enormous size of wavy and crinkly flowers. We recommend this strain as distinct and very desirable. Trade pkt., \$1.00; 1/8 oz., \$3.00; 1/4 oz., \$5.00; 1/2 oz., \$10.00; 1 oz., \$20.00.

Swiss Alpenglow. The color is of a rich velvety garnet. Trade pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$6.00; 1 oz., \$12.00.

	Trade Pkt.	1/4 oz.	Oz.
Adonis, light blue white center.	\$0.25	\$0.50	\$1.60
Apricot, small-flowering, for rock gardens. . . . .	.35	.85	3.00
Apollo, bronze. . . . .	.35	.75	2.40
Beaconsfield, light lavender and rich purple. . . . .	.25	.50	1.60
Black, large, true black. . . . .	.25	.50	1.60
Bugnot, shades of red, bronze and cardinal. . . . .	.35	.80	3.00
Boulogne Giant Mixture. The flowers are large size, great substance, fine form.	1/8 oz., \$3.50	6.50	....
Cardinal, brilliant red. . . . .	.25	.60	2.20
Cassier, 3 and 5-spotted. . . . .	.25	.70	2.60
Comet, white with blue rays. . . . .	.35	.60	2.20
Emperor William, dark navy-blue. . . . .	.25	.50	1.60
Eros, velvety brown edged yellow. . . . .	.25	.50	1.60
Fieri Faces, red with black blotches. . . . .	.25	.50	1.60
Golden Queen, clear golden yellow. . . . .	.25	.50	1.60
Goliath Golden Queen (Golden State) . . . . .	.35	.65	2.40
Madame Perret, shades of pink and rose. . . . .	.25	.50	1.60
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. . . . .	.35	.80	3.00
Blue Domino, purplish black. . . . .	.35	.70	2.40
Canary-Yellow, yellow black eye. . . . .	.35	.70	2.60
Dark Blood Red. . . . .	.35	.70	2.40
Volcano, dark red, blotched. . . . .	.25	.70	2.40
Mercury, deep purple-red. . . . .	.25	.60	2.00

Swiss Blue (Ullswater. Thuner Sea.) The most distinct rich deep velvety blue pansy. Ideal for cemetery planting. Trade pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$6.00; 1 oz., \$12.00.

Swiss Yellow. Of the true Swiss type. Rich yellow with blotches on the three lower petals. Trade pkt., \$1.00; 1/8 oz., \$2.25; 1/4 oz., \$4.00; 1 oz., \$14.00.

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; 1/8 oz., 75c; oz., \$5.00; 1/4 lb., \$18.00; lb., \$60.00.

MAPLE LEAF GIANTS, MIXED

A distinct variety which we have only been able to offer privately heretofore. It has large leaves and flowers of giant size and substance with a wonderful color range. Has been grown by a few of our North Shore gardeners who have secured prizes when exhibited at shows. It is a prize-winner whenever shown. Supply of seed limited. Trade pkt., \$1.00; 1/8 oz., \$3.50; 1/4 oz., \$6.50; oz., \$24.00.

VARIOUS MIXTURES

Early-Flowering Giant, Mixed. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40; lb., \$16.00.

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. A mixture of pansies grown by an American specialist. The seed we offer was grown from originator's stock. Trade pkt., 50c; 1/4 oz., \$1.35; oz., \$5.00; 4 ozs., \$18.00.

Miracle Mixture. Grown from introducer's stock seed. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00; 4 oz., \$22.00.

Roggli Giant Mixture. A choice mixture of large-flowering pansies, very freely produced and in a great variety of colors. Trade pkt., 50c; 1/8 oz., \$1.25; oz., \$8.00.

Triumph of the Giants. A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; 1/4 oz., \$1.50; oz., \$5.00.

	Trade Pkt.	1/4 oz.	Oz.
Mrs. Pierre S. du Pont, rich, pure golden apricot, blushed with salmon.	\$0.50	\$1.20	\$4.00
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
Parisian Striped. . . . .	.25	.50	1.80
Paris Market, an improved strain of Trimar-deau mixed.lb., \$14.00	.25	.40	1.20
Pink, lovely shades of pink, same as Hydrangea. . . . .	.25	.60	2.00
President McKinley, five-blotched yellow. . . . .	.25	.60	2.00
Prince Bismarck, bronze and light brown. . . . .	.25	.50	1.60
Prince Henry, darkest blue. . . . .	.25	.40	1.40
Purple, very large, rich deep purple. . . . .	.25	.50	1.60
Ruby Red, purplish red shades. . . . .	.25	.60	2.00
St. Knud, giant orange flowers. . . . .	.25	.85	3.00
Sunlight. Attractive new color. . . . .	.25	.85	3.00
Trimardeau, mixed, many colors, lb., \$14.00	.15	.35	1.20
Terra Cotta, small flowering, for rock gardens. . . . .	.25	.50	1.60
Victoria, vivid red. . . . .	.25	.70	2.40
Violet-Blue, a very pleasing shade. . . . .	.25	.45	1.40
White, with dark eye, very large lb., \$16.00	.25	.50	1.60
White, pure without blotches. . . . .	.25	.40	1.40
Yellow, with dark eye.lb., \$16.00	.25	.50	1.60

PETUNIAS—Continued

SINGLE SMALL-FLOWERED SORTS

	Trade Pkt.	Oz.
Alba. White.....	\$0.15	\$0.80
Blotched and Striped (Inimitable).....	.20	1.00
Countess of Ellesmere. Pink with white throat.....	.15	.80
General Dodds. Blood-red.....	¼ oz., 40c	.25 1.40
Howard's Star. Improved.....	¼ oz., 60c	.25 2.00
Lord Courtenay. Brilliant rose, yellow throat, extra.....	¼ oz., 40c	.25 1.40
Venosa. Light red, veined.....	.20	1.00
Violacea. Violet.....	¼ oz., 50c	.25 1.60
De Luxe Mixture.....	lb., \$22.00; ¼ oz., 50c	.25 1.80

SINGLE SMALL-FLOWERED DWARF SORTS

Adonis. Fiery carmine, white throat.....	¼ oz., 40c	.25 1.20
Alderman. Dark violet.....	¼ oz., 70c	.35 2.40
Blue Bird. Deep violet, extra fine.....	¼ oz., 80c	.35 2.60
Dwarf Inimitable. Blotched and striped.....	¼ oz., 40c	.25 1.40
Carmen Sylva. Baby blue, white throat.....	¼ oz., 40c	.20 1.20
Cockatoo. 8 in. Round and compact, covered with small round blossoms. The flowers are a velvety deep violet-purple with irregular sized white spots and stars.....	.25	.....
Crimson. Same shade as General Dodds.....	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
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.....	lb., \$2.40	.10 .30
Yellow.....	lb., \$2.40	.10 .30
Salmon-Pink.....	lb., \$3.00	.10 .30
Bright Rose.....	lb., \$2.40	.10 .30
Scarlet.....	lb., \$2.40	.10 .30
Mixed.....	lb., \$1.00	.10 .15
Rheas Shirley. Shades of pink and rose mixed.....	lb., \$3.00	.10 .30
Blue Shirley.....	.15	.70
Wild Rose Shirley.....	.15	.50
Flanders Field. English Field. Scarlet.....	lb., \$2.40	.10 .25
Salmon-Pink.....	.15	.60
Somniferum Fl. Pl. Double Carnation-flowered.....	.10	.30
Shell Pink.....	.10	.30
Bright Rose.....	.10	.30
Mixed.....	lb., \$1.20	.15
Vaughan's Special Mixture. Single.....	lb., \$3.20	.10 .30
Vaughan's Special Mixture. Double.....	lb., \$3.20	.10 .30
Vaughan's Special Mixture. Double and Single.....	lb., 3.20	.10 .30

For Oriental and Nudicaule Poppies, see Perennial pages.

Pentstemon

Sensation. 2 ft. 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.....

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.....	⅛ oz., \$1.00	.50

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, Salmon, each.....	⅛ oz., 50c	.25 3.50



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.	Scarlet.
Atropurpurea. Black-brown.	Stellata Splendens. Scarlet with white eye.

Each of above, trade pkt., 20c; ¼ oz., 30c; oz., \$1.00; lb., \$10.00.
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 mixed (Star of Quedlinburg).....	.15	.80
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.....	¼ oz., 40c	.25 1.40
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., 60c	.35 2.40
Fireball.....	¼ oz., 60c	.35 2.00
Isabellina. Yellow.....	¼ oz., 65c	.35 2.20
Chamois.....	¼ oz., 60c	.35 2.20
Mirabilis. Salmon-pink with white eye.....	¼ oz., 80c	.35 3.00
Sky-Blue with eye, fine for edging.....	¼ oz., 60c	.35 2.20
Violet.....	¼ oz., 60c	.35 2.00
Mixed.....	¼ oz., 50c	.25 1.80
Cecily Mixed. Large-flowering.....	¼ oz., 60c	.35 2.00

Polygonum Orientale. Kiss Me Over the Garden Wall .15 .50



PRIMULA Obconica Grandiflora

Primula Obconica

	Trade	pkt.	Oz.
Gigantea Rosea. Fine...	1/16 oz., \$6.00	1/64 oz., \$1.65	\$0.50
Salmon Queen. 8 in.....	1/64 oz., \$2.00	1.00	.....
Mixed.....	1/64 oz., \$1.50	.50	.....
Grandiflora Coerulea. 12 in.....	1/64 oz., \$2.00	.50	.....
Fassbender Red. Flowers rich deep red of enormous size.....	1/64 oz., \$2.25; 1/32 oz., \$4.00	1.00	.....
Lachsrosa. A beautiful salmon-rose.....	1/64 oz., \$3.00	1.00	.....
Mueller's (Berlin) Rose.....	1/64 oz., \$2.00	1.00	.....
Mohnstein's Dark Red.....	1/64 oz., \$2.00	1.00	.....
Rhine Pearl. Dark salmon-carmine. Flower very large—almost as large as Fassbender Red and a most striking and distinct variety, very free blooming in large clusters.....	1/64 oz., \$2.00	1.00	.....
Rose Queen. Pure rose, giant trusses of large flowers.....	1/64 oz., \$2.00	1.00	.....
Ruby. A very free bloomer, flowers up to 1 1/2 in. in diameter, of a rich ruby red with a salmon undertone. Flowers do not turn blue when old.....		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.
 Covent Garden White.
 Giant Pink. Extremely large petals of great substance.
 Giant Salmon. Massive heads of flowers of great substance.
 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	.....
Double Mauve Rose. New.....	1/32 oz., \$1.65, 1,000 seeds, \$1.00	.....	.....
Courtland Seedling. New. Clear lilac pink, very brilliant.....	1/64 oz., \$2.00, 1,000 seeds, \$1.00	.....	.....
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	.....
Ruby.....	1/32 oz., \$2.00; 1000 seeds, \$1.00	.....	.....
Eureka Giant Salmon. Flowers, a most beautiful shade of salmon-pink, carried well above the foliage, on long stiff stems.....	1000 seeds	1.00	.....
Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in.....	1/32 oz., \$1.00	.50	.....

For other Primulas, see Hardy Perennials.



SALVIA Splendens Fireball

	Trade	pkt.	Oz.
Pyrethrum Parthenifolium Aureum (Golden Feather)	\$0.10	\$0.40	.....
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

Ricinus—Castor Beans

Borboniensis Arboreus. 10 to 15 ft.....	lb., \$1.20	.....	.15
Cambodgensis. Very dark, 4 ft.....	lb., \$1.80	.....	.15
Crimson Spire. 6 ft.....	lb., \$3.60	.15	.40
Gibsoni. Dark red leaves, metallic lustre.....	lb., \$1.80	.10	.20
Panormitanus. Large dark leaves, 7 ft.....	lb., \$2.20	.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

Rochea Falcata. A beautiful greenhouse plant, similar to Echeveria; fine flower spikes with scarlet blooms. Fine pot plant. 18 in. . . . 500 seeds, \$1.00

Rose Campion, see Agrostemma Coronaria.

Rose of Heaven, see Agrostemma Coeli Rosa.

Rosa Po'yantha Nana (Baby Rose). White and pink, 16 in. Clean seed..... 1/4 oz., \$1.20 .50 4.00

Rudbeckia, Bicolor Superba. Large golden yellow, dark spots, 2 ft..... .10 .40
 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	1.20
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.....	lb., \$10.00	.20 1.00
Gloxiniaeflora. Mixed.....	1/4 oz., 35c	.20 1.20
Vaughan's Special Mixture.....	1/4 oz., 35c	.20 1.20



SCHIZANTHUS Vaughan's Excelsior Hybrids



STREPTOCARPUS Large-Flowering Hybrids

Salvia

Trade pkt. Oz

Splendens America (Globe of Fire). 16 in., lb., \$28.00	\$0.50	\$2.40
Clara Bedman or Bonfire. Erect habit, 16 in.		
.....lb., \$16.00; 1/4 oz., 50c	.35	1.80
Drooping Spikes. Very fine, 24 in. . . 1/4 oz., 65c	.35	2.20
Fireball. Extra choice, freely blooming, 14 in.		
.....lb., \$24.00; 1/4 oz., 70c	.35	2.40
Maroon Prince. Plum color, 24 in. ....	.50	5.00
Zurich. Early flowering, fine dwarf, 12 in., 1/4 oz., 70c	.50	2.40
Early Harbinger. 1/4 oz., \$1.00	.50	3.60
Splenders Type. lb., \$20.00	.35	1.40
Coccinea. Scarlet (Annual Flowering Sage), 40 in.	.15	.50
Blue Beard. Annual, dark blue, 1 ft. ....	.15	.80
Farinacea. Bright light blue, 40 in. ....	.35	2.00

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
Loveliness. Soft delicate salmon rose color. It has long, stiff stems and a delightful fragrance. 1/2 oz., \$1.75	.50	3.00
Peachblossom. ....	.15	.60
Rose. ....	.15	.50
Shasta. Pure white of enormous size. ....	.15	.60
Snowball. Double white. ....	.15	.60
Sulphur-Yellow. ....	.15	.50
Large-Flowering. Double Tall mixed. lb., \$4.00	.10	.40
Vaughan's Special Mixture. lb., \$6.00	.15	.60

Schizanthus Wisetonensis Mixed. ....	.15	.80
Wisetonensis Rose and Amber Shades. 1/4 oz., \$1.00	.35	....
Rose and Pink Shades. 1/4 oz., \$1.00	.35	....
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. Superior to anything yet offered. 1/4 oz., \$2.00	1.00	....
Retusus Roseus. Pink, 18 in. ....	.50	....
Rosamond. 18 in. ....	.50	....
The retusus are upright growers and furnish splendid cut material.		

Sedum Cocruleum (Stone Crop) Blue. 3 in.	\$0.50	....
Sensitive Plant (Mimosa Pudica) . ....	.15	\$0.45
Shamrock lb., \$8.00	.15	.80
Silene Armeria (Catchfly). Mixed. ....	.10	.25
Armeria Rosea. lb., \$2.00	.10	.25
Pendula Rosea. Pink, 10 in. ....	.10	.20
Compacta Pl. Fl. Deep Lilac. Dwarf compact plants, covered with flowers, very useful as edging to beds of lilac and purple colorings and for rockeries. 1/4 oz., 30c	.25	1.00
Compacta Pl. Fl. Peach-blossom. Similar to above, with numerous double peach-pink flowers. Makes a brilliant show in early spring. 1/4 oz., 30c	.25	1.00
Smilax lb., \$6.00	.15	.50
Snapdragon. See Antirrhinum.		
Solanum Capiscastrum nanum. ....	.15	.60
Christmas (Chameleon) 1/4 oz., 40c	.25	1.40
Cleveland Red 1/4 oz., 30c	.25	1.00
Clevelandi Orange. ....	.35	1.80
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. . . 1/4 oz., 40c	.25	1.40
Streptocarpus. Large-Flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. Sow seed in January or February; plants will bloom in July. 1/4 oz., \$2.00	1.00	....

Sunflower

Miniature Sunflower (Cucumerifolius) lb., \$4.00	.10	.40
Cucumerifolius Stella. ....	.10	.40
Orion. ....	.10	.40
Double Hybrids. ....	.15	.50
Purpureus. ....	.15	.50
Vaughan's Special Mixture. ....	.15	.50
Annus Purpureus (Red Sunflower). ....	.10	.40
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
Maroon Prince. Dwarf-growing, single-flowering true maroon. ....	.25	1.00



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.
Avalanche. White, of great substance.....	\$0.20	\$2.00
Barbara. Salmon.....	.20	2.00
Blanche Ferry. Rose standard and white wings....	.15	1.60
Carmelita. Rose-pink on white ground.....	.20	2.00
Charming. Rosy cerise.....	.15	1.80
Charity. Best red (Improved King Edward VII)....	.15	1.60
Chieftain. Pure satiny mauve.....	.20	2.00
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
Del Monte. Salmon-cerise-pink.....	.20	2.00
Edna May Improved. Pure white.....	.15	1.80
Elfrida Pearson. Large pale pink.....	.15	1.80
Fiery Cross. Intense orange-scarlet.....	.25	1.80
Fluffy Ruffles. Rich rose shaded salmon and cream duplexed.....	.60	6.00
Fortune. Rich dark blue.....	.15	1.80
George Shawyer. Salmon-rose.....	.15	1.80
Gleneagles. Large lavender.....	.20	2.00
Gold Crest. Orange, tinted salmon.....	.20	2.00
Guinea Gold. Golden orange.....	.20	2.00
Hawmark Pink. Deep rose pink.....	.15	1.80
Hawmark Salmon-Pink.....	.15	1.80
Heavenly Blue.....	.20	2.00
Hebe. Bright pink.....	.15	1.80
Hercules. A pale rosy pink flower of giant size....	.15	1.80
Illuminator. Rich salmon-pink.....	.15	1.80
Ivory Picture. Ivory-cream.....	.15	1.80
King Manoel. Chocolate-maroon.....	.15	1.80
King White. Gigantic flowers of pure white.....	.15	1.60
Magnet. Bright cream-pink.....	.15	1.80
Mary Pickford. Dainty cream-pink suffused salmon	.20	2.00
Matchless Cream.....	.15	1.80
Mermaid. Rich, true lavender.....	.20	2.00
Miss California. Orange-salmon and cream-pink....	.20	2.00
Mrs. Cuthbertson. Rose-pink and white.....	.15	1.60
Mrs. Tom Jones. Bright blue.....	.15	1.80
Peggie. Cerise, flushed orange.....	.20	2.00
Picture. Flesh-pink with creamy apricot.....	.15	1.60
Pinkie. Rose-pink, largest.....	.20	2.40
Powerscourt. Lavender.....	.15	1.80
President Harding. Salmon-cerise suffused orange..	.20	2.00
Prince of Orange. The deepest orange.....	.35	3.20
Renown. Carmine rose.....	.20	2.00
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.....	.20	2.20
Tangerine Improved. Glowing orange.....	.20	2.00

	Oz.	Lb.
Valentine. Blush pink.....	\$0.20	\$2.00
Warrior. A fine maroon.....	.15	1.80
Winnie Morse. Lilac flushed rose.....	.30	2.20
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 from separate varieties.....	10 lbs., \$12.00	.20 1.40
Vaughan's Florist's Mixture of Spencer Varieties.	.20	2.40
Spencer Hybrids in splendid mixture..	10 lbs., \$8.00	.15 1.00

SWEET PEAS IN MIXTURE

Vaughan's Prize Mixture.....	10 lbs., \$10.00	.15 1.20
Eckford Mixture.....	10 lbs., 5.00	.10 .60

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
Royal Bouquet. Mixed.....	1/4 oz., 60c	.35	2.00
Sutton's Giant Pink.....	1/4 oz., 50c	.25	1.60
Violacea Stellata. Violet, white eye....	1/4 oz., 50c	.25	1.60
Etna. Geranium red with a small creamy yellow eye.	1/4 oz., 50c	.25	1.60
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 com- posed of the best strains, 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	1.00
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
Chamois. A new shade in the dwarf sorts, pale chamois tinted buff.....	1/4 oz., \$1.00	.50	3.60
Fireball. 6 in. scarlet. Excellent for borders and pot plants.....	1/4 oz., \$1.20	.50	4.00

Various Sorts

Venosa. Heliotrope blue fine for bedding when com- bined with alyssum; used extensively in the Chi- cago 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., \$1.10	.25	4.00



STOCKS Bismarck (Early Giant Imperial)
The Best Cut-Flower Variety

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
Antique Copper	.....	1/8 oz., 75c	.50	4.00
Golden Rose	.....	1/8 oz., 75c	.50	4.00
Elk's Pride, Royal purple	.....	1/8 oz., 75c	.50	4.00
Old Rose	.....	1/8 oz., 75c	.50	4.00

GIANT PERFECTION—Cut and Come Again

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

EXCELSIOR COLUMN

These produce one enormous spike with large flowers, 1 to 2 1/2 ft. high and can be planted close together in the bench which quality makes them a profitable type. Are in season with Bismarck variety.

White	Chamois Rose	Rose
Light Blue	Dark Blue	Crimson
Silvery Lilac		
Trade pkt. Oz.		
Each of above	.....	\$1.00

BEAUTY OF NICE—Early, Large-Flowering, Winter

American Beauty	Monte Carlo, Yellow
Abundance, Soft carmine-rose	Mont Blanc, White
Aurora, Golden buff suffused	Pink, Flesh
with rose	Souv. de Monaco, Crimson
Belle of Naples, Old rose-salmon	Summer Night, Dark blue
Cote d'Azure, Light blue	
Trade pkt. Oz.	
Each of the above	..... 1/8 oz., 35c \$0.25 \$2.40
Beauty of Nice, mixed	..... 1/4 oz., 50c .25 1.80

EMPEROR OR WINTER

Empress Elizabeth, Brilliant carmine rose	1/8 oz., 65c	\$0.35	\$5.00
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DWARF LARGE-FLOWERING TEN WEEKS

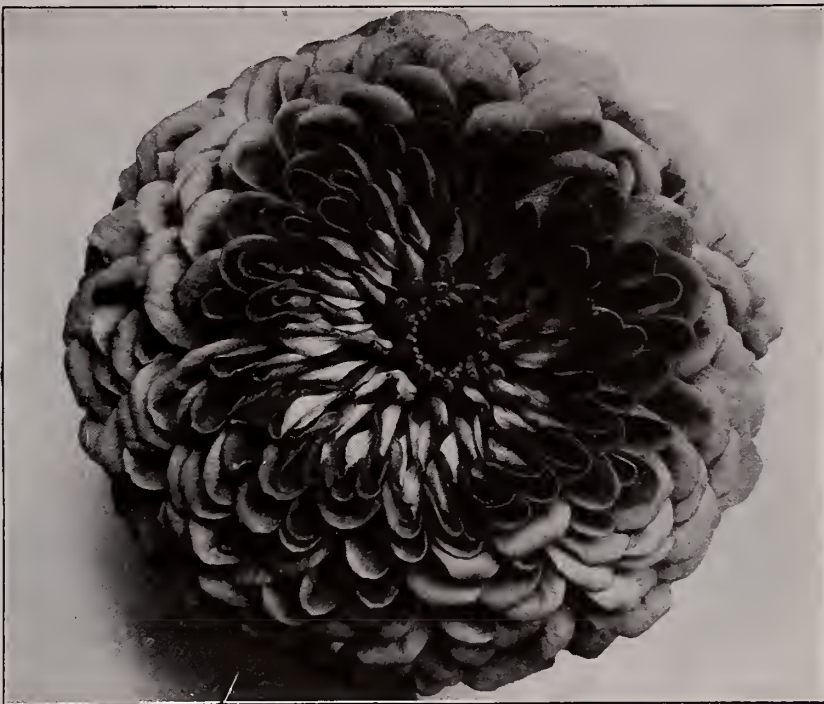
Blood-Red	Dark Blue	Light Blue	
Bright Pink	Deep Rose	Mauve (Water-blue)	
Canary-Yellow	Flesh	White	
Trade pkt. Oz.			
Each of above	..... 1/8 oz., 40c; 1/4 oz., 60c	\$0.25	\$2.20
Dwarf Large-Flowering, 10 weeks, mixed, all colors.			
Extra choice	..... 1/8 oz., 35c; 1/4 oz., 50c	.25	1.80
Thunbergia, Mixed	..... lb., \$6.00	.15	.80
Torenia Fournieri, Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip	..... 1/8 oz., 50c	.25	3.60
White Wings	..... 1/8 oz., 50c	.25	3.60
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	... 1/8 oz., 75c	.35	....

Vinca

Rosea Pink	..... lb., \$8.00; 1/4 oz., 25c	.15	.80
Fl. Albo Oculata, White with pink eye	..... lb., \$8.00	.15	.80
Alba Pura, Pure white	..... 1/4 oz., 25c	.15	.80
Delicata, Soft pink	..... lb., \$8.00	.15	.80
Mixed	..... 1/4 oz., 25c	.15	.80
Viscaria Oculata, Mixed	.....	.10	.40
Nana compacta oculata, Mixed	.....	.15	.80
Cardinalis, Bright carmine	.....	.10	.40
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



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	Crimson	Pink Shades	
(Light Canary)	Deep Flesh	Purple Shades	
Blood-Red.	Deep Salmon	Royal Purple	
Bright Rose	Golden Yellow	Scarlet	
Buttercup	Lavender	Shrimp-Pink	
Burnt Orange	Light Salmon	Violet	
Cream	Orange	White	
			Trade pkt. Oz.
Each of the above	..... lb.,	\$8.00	\$0.15 \$0.80
Colossal varieties, special. Mixed	..... lb.,	\$10.00	.15 .80
Early Wonder. 12 to 15 inches. Flowers similar to the Pumila type, borne on medium size, long stems, making it a very fine flower for cutting or bedding. The color is a salmon-pink. ¼ oz.,	\$1.20		.50 4.00
Picotee Mixed	.....		.25 1.40
Pumila Delight. The petals of the flowers are ruffled and curled, each petal is beautifully picoteed, many attractive shades, including salmon, cream, buff, biscuit, golden-yellow and lavender	.....		.50 2.40
Crested or Curled	.....		.10 .50
Lilliput. Mixed	..... lb.,	\$6.00	.15 .60
Scarlet Gem	..... lb.,	8.00	.15 .80
White Gem	..... lb.,	8.00	.15 .80
Orange	..... lb.,	8.00	.15 .80
Lilac	.....		.15 .80
Golden Gem	..... lb.,	8.00	.15 .80
Canary Gem	.....		.15 .80
Purple	.....		.15 .80
Salmon Rose. A lovely color	..... lb.,	8.00	.15 .80
Violet	.....		.15 .80
Gracillima Fl. Pl. Coccinea	.....		.15 .80
Mexicana (Haageana) F. Pl., double yellow	.....		.15 .80
Hybrida. New Mexican Hybrids. Single	.....		.15 .80
Hybrida. New Mexican Hybrids. Double	.....		.25 1.00
Pumila Fl. Pl. This is called the "Cut and Come Again" type.			
Alba plena. Snowball	.....		.10 .50
Canary Yellow	.....		.15 .50
Coccinea plena. Fireball	.....		.10 .50
Aurea plena. Goldball	.....		.10 .50
Salmon-rose. Remarkable shade, good for cut-flowers	.....		.15 .80
Mixed. The above shades	.....		.10 .40

Dahlia-Flowered

The plants grow tall, are well-branched and the colors are very distinct and striking; the flowers are double and large size.

Buttercup-yellow	Lemon Beauty	
Canary Bird, primrose	Illumination, deep rose	
Crimson Monarch, best red	Oriole, orange and gold	
Dream, deep lavender	Meteor, darkest red	
Exquisite, light rose, center rose	Scarlet Flame, bright scarlet	
Golden Dawn, golden yellow.	Polar Bear, white	
Golden State, rich orange	Purple Prince	Trade pkt. Oz.
Each of the above	..... lb.,	\$20.00 \$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	..... lb.,	\$14.00 .35 1.25
Crown O' Gold. Derives its name and distinction from the fact that each petal of the flower is overlaid with a deep golden-yellow at the base, while carrying out the individual flower color at the tip. The color range comprises the more popular florist shades; including old rose, cream, yellow, carmine and burnished-red—the latter a new shade in Zinnias	..... ¼ oz.,	\$1.20 .50 4.00

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.

Cerise Queen.	
Enchantress, extra choice pink.	
Lemon Queen, canary and cerise, fragrant.	
Miss Willmott, soft pink.	
Orange King, similar in color to the Calendula of the same name.	
Orange Queen, lighter than Orange King.	
Pink Profusion, delicate shrimp pink.	
Purity, a clean pure white.	
Rose Queen, develops into a deep rose.	
Scarlet Queen.	
California Giants. Mixed. All colors.	Trade pkt. Oz.
Each of the above	..... lb., \$12.00 \$0.25 \$1.00

California Giants—New Varieties

Brightness, bright, deep rose color.	
Grenadier. A very dark red, similar in color to Meteor.	
Lavender Gem. Resembling Dahlia-Flowered Dream.	
Salmon Queen, closely resembling Old Rose.	
Violet Queen, dark violet.	Trade pkt. Oz.
Each of the above	..... ¼ oz., \$0.40 \$0.25 \$1.50
Vaughan's Special Mixture of all elegans varieties	..... lb., \$12.00 .20 .90

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



AQUILEGIA Dobbie's Imperial Hybr ds



ACHILLEA, The Pearl



ANCHUSA Dropmore

Seeds of Biennials and Hardy Perennials

Perennials form a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock

garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

	Trade	pkt.	Oz.
Acaena Glauca. X Silvery blue foliage, for carpeting and rock steps.....	\$0.25		
Acanthus Latifolius (Bear's Breech), 3 ft. . . lb., \$4.00	.10	\$0.40	
Mollis. Fine foliated decorative plants, 3 ft., lb., 4.00	.10	.40	
Achillea Ageratum. X Yellow, scented, 24 in. . . . .	.25	1.20	
Filipendula, Parker's var. Yellow, 4 to 5 ft. . . . .	.50	2.60	
Millefolium Kelwayi. Magenta red, 40 in. 1/8 oz., \$1.00	.50		
Ruber, Magenta red, 24 in. . . . .	.25	1.20	
Parmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. 1/4 oz., \$1.00	.50	3.40	
Aconitum Fisheri. Large pale blue flowers, 30 in. . . .	.30	1.60	
Napellus, Monk's Hood. Dark blue, 36 in. . . . .	.35	1.60	
Wilsoni. Rich blue, 6 to 7 ft. . . . .	.50	3.20	
Adlumia Cirrhosa, Allegheny Vine. Beautiful hardy climber . . . . .	.35	2.50	
Adonis Vernalis. Golden yellow, 12 in. . . . .	.35	2.40	
Agatheae Coelestis (Amelloides) (Blue Daisy). Blue, floriferous, 40 in. 1/4 oz., 40c	.25	1.40	
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	
Allium Pulchellum. X Brilliant loose clusters of lilac-red flowers, 16 in. August . . . . .	.50		
Allwoodii, see Dianthus.			
Alstroemeria Aurantiaca. Orange, streaked with red, 3 to 4 ft. . . . .	.35	3.20	
Pulchella. Brilliant yellow with red streaks, 3 ft. . .	.35	3.20	
Alyssum X Argenteum. Yellow-flowered, 24 in. . . . .	.25	1.20	
Rostratum, yellow, 16 in. 1/4 oz., 60c	.35	2.00	
Saxatile compactum (Gold Dust), 12 in. . . . lb., \$7.00	.15	.70	
Sulphureum. Sulphur-yellow, 15 in. 1/4 oz., 1.20	.50	4.00	
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., 2.40		.30	
Anchusa Angustifolia. Navy-blue, 36 in. . . . .	.15	.50	
Italica, Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft. lb., \$7.00	.15	.80	
Lissadell. Large flowered clear Gentian blue, .35	.35	1.40	
Opal. Light blue, 3 to 5 ft. . . . .	.35	1.40	
Myosotiflora. X Beautiful Forget-Mc-Not, blue, 15 in. 1/8 oz., \$1.60	.50		
Anemone (Windflower), Coronaria. Mixed, very showy, 18 in. lb., \$5.00	.15	.50	

	Trade	pkt.	Oz.
ANEMONE—Continued			
Coronaria, Double Chrysanthemum-Flowered, 18 in., fine lb., \$18.00	\$0.35	\$1.40	
Creagh Castle strain. Large color range	1.00		
His Excellency, Single scarlet. lb., \$28.00	.35	2.00	
The Governor. Double bright scarlet flowers. 1/4 oz. \$1.50	.50	5.00	
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. 1/4 oz., \$1.20	.50	4.00	
St. Brigid. Regular strain, 18 in. lb., \$22.00	.35	1.80	
Hupehensis. Similar to Japonica, but the rosy mauve flowers are produced two weeks earlier.			
Pulsatilla. X Violet-lilac, 12 in. 1/4 oz., \$1.25	.35	4.00	
Rubra, X red, 12 in. 1/4 oz., \$1.25	.35	4.00	
Sylvestris. X 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	1.20	
Kelwayi Alba. Hardy white Marguerite. 3 ft. . . . .	.25	1.20	
Montana. X Charming species producing pure white flowers in abundance, 12 in. 1/4 oz., 65c	.50	2.00	
Tinctoria. Very useful yellow border plant. 2 to 3 ft. . . . .	.25	1.20	
Antirrhinum Leptopus (Mountain Rose) . . . lb., \$4.20	.15	.40	
Antirrhinum Asarina. X A very free flowering, creeping snapdragon for sunny rock gardens. Color cream. . . . .	.50		
<u>AQUILEGIA X (Columbine)</u>			
Alpina. Blue, 24 in. . . . .	.35	1.40	
California Hybrids. 1/4 oz., 85c	.50	3.00	
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	
Grandiflora Sulphurca. New. Soft sulphur-yellow . . . . .	.50		
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in. 1/4 oz., 80c	.35	2.80	
Grandiflora Alba. White, long-spurred, 24 in. 1/4 oz., 70c	.35	2.40	
Silver Queen. Long-spurred silvery white. 1/4 oz., \$1.25	.50	4.00	
Coerulea. Blue, Rocky Mt., Columbine. . . lb., \$22.00	.35	.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. . . . 1/8 oz., 80c.	.50	5.00	

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

Seeds of Biennials and Hardy Perennials



BOCCONIA (Plume Poppy)



DAISY Shasta Alaska



ARABIS (Rock Cress)

AQUILEGIA—Continued

	Trade pkt.	Oz.
Farquhar's Pink. Beautiful pink, long spurred flowers, 36 in.	1/4 oz., \$1.25	\$0.50 \$14.00
Glandulosa Major. Black-violet with white corolla, 36 in.	1/8 oz., \$1.00	.50
Jaetschaui. Large yellow with red spurs, 36 in.	1/4 oz., 85c	.35 3.00
Long-Spurred Varieties, choice mixed, 30 in., lb., \$24.00		.35 2.00
Blue Hybrids.	1/8 oz., \$1.00	.50 6.00
Rose and scarlet shades.	1/8 oz., \$1.00	.50 6.00
Mrs. Scott Elliott's Strain of Long-Spurred Hybrids. 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., 1.20	.50 4.00
Nivea Grandiflora. White, semi-double, 36 in. ....		.25 1.20
Skinneri. Scarlet spurs with yellowish green corolla, 30 in.	1/4 oz., 70c	.35 2.20
Vulgaris Alba Plena. Double white, 30 in. ....		.25 1.20
Vulgaris Compacta Edelweiss. One of the earliest spring flowers. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms. ....		.25
Double mixed. lb., \$6.00		.15 .60
Single mixed. lb., 6.00		.15 .60
Vaughan's Special Mixture.	1/4 oz., 1.00	.50 3.60

Arabis. X Alpina. White, 12 in. lb., \$5.00	.15	.60
Alpina Grandiflora Superba. X Large white. ....	.25	1.40
Alpina Nana Compacta, X 10 in. ....	.25	1.40
Alpina Rosea. X Vivid rose. 8 in.	1.00	....
Arenaria Montana X. White, 12 in. ....	.50	....
Aristolochia Tomentosa, Dutchman's Pipe. lb., \$ 6.00	.20	.80
Sipho. Large-leaved. lb., 16.00	.35	1.40
Armeria X Alpina. Purple, 12 in. ....	.50	....
Formosa. Red. 2 ft. 1/4 oz., 50c	.35	1.80
Formosa Hybrida. 2 ft. 1/4 oz., 30c	.25	1.00
Lauchiana. Rosy crimson, 9 in. 1/4 oz., \$1.25	.50	5.00
Maritima. Lilac-rose, 12 in. 1/4 oz., 85c	.50	3.00
Ruby. Deep rose-colored flowers, 24 in. ....	.50	....
Asclepias Tuberosa. Orange, fine, 24 in. 1/4 oz., \$1.50	.50	5.00
Asparagus Verticillatus. Hardy Climbing Asparagus. ....	.35	2.20
Asperula Hexaphylla. White, excellent for cutting, Odorata, Woodruff. Very odoriferous, white, 8 in. ....	.15	.75
Asphodelus Luteus. Yellow, fragrant, 3 ft., 1/4 oz., 60c	.35	2.00
Aster Perennial. Choice mixed. ....	.35	1.80
Perennial. Large-Flowering Varieties, mixed. ....	.50	2.40
Alpinus. Mixed, 15 in. 1/4 oz., 60c	.35	2.00
Goliath. X Soft blue, 15 in. 1/4 oz., \$1.00	.50	3.00
Nixe. X Light blue, 12 in. 1/4 oz., 50c	.35	....
Amellus Hybridus. 30 in. A good mixture. ....	.50	....
Amellus Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; one of the best. ....	.50	....
Amellus Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose.	1.00	....

ASTER PERENNIAL—Continued

	Trade pkt.	Oz.
Farreri. Color is a soft tone of violet mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. Blooms in June and July. 1/8 oz., \$1.50	1/8 oz., 65c	.35 \$2.20
Sub-coeruleus. X Light blue, 15 in.	1/4 oz., 65c	.35
Sub-coeruleus Star of Eisenach. Bright lavender-blue Marguerites with yellow centers measuring more than four inches across and in flower end of May and June. ....		.25
Yunnanensis. Brilliant lilac blue, flowers in early summer.	1/8 oz., 1.50	.50
Aubrietia X 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., \$1.00	.50	3.80
Bougainvillei X Dark blue, 6 in. 1/4 oz., 1.00	.50	3.80
Deltoides X Lilac. ....	.50	....
Graeca. Violet, large. 1/4 oz., 70c	.35	2.40
Leichtlini. Large-flowered, rosy purple. ....	.50	....
Rosea Grandiflora. X Pink.	1.00	....
Whitewall Gem. X Purple. ....	.50	....
Auricula. See Primula.		
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., \$18.00; 1/4 oz., 50c	.25	1.60
Bellis X or Double Daisy, 6 in.		
Longfellow. Very large, double dark rose. 1/4 oz., 50c	.25	1.60
Snowball. Double white, excellent. 1/4 oz., 50c	.25	1.60
White with red center. 1/8 oz., 50c	.35	....
Mammoth Rosy white Quilled—double. 1/8 oz., \$1.00	.50	....
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. 1/4 oz., \$1.20	.50	4.00
Double mixed. 1/4 oz., 50c	.35	1.80
Extra choice mixed. 1/4 oz., 50c	.25	1.60
Bidenes Atrosanguinea. The black Dahlia, 24 in. ....	.25	1.60
Dahliaoides. Mixed, 24 in. ....	.35	1.80
Bignonia Radicans (Trumpet vine). Dark red, orange throat. lb., \$5.00	.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. Germinates slowly. lb., \$4.80	.15	.50
Boltonia Asteroides. White daisy flowers, 4-6 ft. ....	.35	2.80
Latisquama. Delicate pink, 4-5 ft. ....	.35	1.80
Buddleia Veitchiana. Butterfly Bush 5 ft. ....	.25	1.20
Bupthalmium Cordifolium (Speciosum). 36 in. Orange-yellow flowers with brown centers. ....	.25	1.20
Salicifolium. Yellow, dwarf, 18 in. ....	.15	.90
Calamintha X Alpina. Blue, 6 in.50
Callirhoe Involucrata. X Crimson, 6 in. 1/4 oz., \$1.25	.35	4.00

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Seeds of Biennials and Hardy Perennials



CAMPANULA Medium (Canterbury Bell)



COREOPSIS Lanceolata (Double-Flowering)



CHEIRANTHUS (Siberian Wallflower)

CAMPANULA

	Trade	pkt.	Oz.
Carpatica × (Hare Bell). Blue, 9 in.	1/4 oz.,	40c	\$0.25
Alba. × White, 18 in.	1/4 oz.,	40c	.25
Mixed ×.	1/4 oz.,	40c	.25
Fragilis. Blue, splendid for hanging baskets. ....			.50
Glomerata Superba. Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. A splendid cut flower and border variety for full sun or partial shade. June-July. 20 in.	1/8 oz.,	\$1.00.	.50
Lactiflora Coerulea. Light blue, 3 ft.	1/8 oz.,	\$1.00	.50
Macrantha. Blue, large-flowered, 40 in.	1/4 oz.,	50c	.35
Alba, white.	1/4 oz.,	50c	.35
Medium Calycanthema, Cup and Saucer. 36 in. Blue			.30
Calycanthema, Lilac, Pink, White. each.	1/4 oz.,	50c	.30
Mixed. ....			.20
Medium, Canterbury Bell. Single. Blue, 36 in lb., \$4.00			.10
Single, Lilac, Rose, White, each.	lb.,	\$4.00	.10
Mixed.	lb.,	\$3.00	.10
Double, Blue, 32 in. ....			.25
Rose. ....			.25
White. ....			.25
Mixed.	lb.,	\$8.00	.20
Double and single mixed. ....			.15
Persicifolia Alba. White, fine, 30 in.	1/4 oz.,	70c	.35
Alba Plena. Double white. ....			.50
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped. Pure white. 2 ft. June-July.			1.00
Grandiflora Large Bell. Large blue cup-shaped flowers. 2 1/2 ft.	1/16 oz.,	\$1.00	.50
Coerulea. Blue.	1/4 oz.,	70c	.35
Coerulea Plena. Double blue.	1/8 oz.,	\$1.40	.50
Pfitzeri Fl. Pl. Extra large flowered, double blue.			1.00
Telham Beauty. Very large bells of China-blue.	1-16 oz.,	\$2.40	.75
Single mixed.	1/4 oz.,	70c	.35
Pusilla. × Light blue bells. Very free blooming, 4 in. July.			1.00
Alba. × Pure white.			1.00
Pyramidalis Alba. White, 5 ft.	1/4 oz.,	50c	.25
Blue, lavender-blue, 5 ft.	1/4 oz.,	40c	.25
Mixed.	1/4 oz.,	40c	.25
Rotundifolia. × One of the prettiest species, slender branching stems, covered with dainty frail blue flowers, 6-12 in.	1/8 oz.,	\$1.30	.50
Trachelium (Coventry Bells). 2-3 ft. Crowded heads of lavender-blue flowers. ....			.25
Perennial Varieties. Mixed. ....			.25

CAMPANULA—Continued

Trade pkt. Oz.

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.,	50c	\$0.25	\$1.60
Alba. × 18 in.	1/4 oz.,	50c	.25	
Candytuft × Sempervirens (Hardy Candytuft). White, 12 in. June-July.	lb.,	\$24.00	.35	1.80
Tenoreana Lilac with white, 16 in. ....			.20	.80
Queen of Italy. A free-flowering, dwarf, compact variety with almost evergreen foliage; may be grown as annual or biennial. 10 in.	lb.,	\$5.00	.15	.50
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.,	50c	.35	1.60
Vienna Dwarf. White.	1/4 oz.,	60c	.35	2.00
Pink.	1/4 oz.,	85c	.50	3.00
Grenadin-Red. Half high.	1/4 oz.,	60c	.35	2.00
Red, Dwarf.	1/4 oz.,	\$1.25	.50	4.00
White.	1/4 oz.,	75c	.35	2.40
Red, Dwarf.	1/4 oz.,	75c	.35	2.40
Tausendschon. Soft salmon-rose to bright pink.	1/4 oz.,	\$1.50	.50	5.00
Velvety Brown.	1/4 oz.,	75c	.35	2.40
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.	1/4 oz.,	50c	.35	1.40
Coculea Alba. White, with dark eye.	1/4 oz.,	50c	.35	1.40
Centaurea Dealbata. Rose-colored flowers, 18 in.	1/4 oz.,	50c	.35	2.00
Macrocephala. Golden yellow, 36 in.	1/4 oz.,	30c	.25	1.00
Montana. Corn-flower blue. Large flowers, 24 in.	lb.,	\$6.40	.20	.80
Alba. White, superb large flowers, 24 in. lb., \$10.00			.35	1.00
Centranthus. See Valeriana.				
Centrosema Grandiflora. Red-violet.	1/4 oz.,	40c	.25	1.20
Cephalaria Alpina. Sulphur-yellow, 5 ft.	1/4 oz.,	30c	.20	1.00
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers, 16 in.	1/4 oz.,	40c	.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.	1/4 oz.,	55c	.25	2.00
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. ....			.25	.80
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower.	3 to 4 ft.		.25	.80
Torreyi. Brick-red, 4 ft. ....			.15	.80
Hybrida. Mixed. ....			.15	.60

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

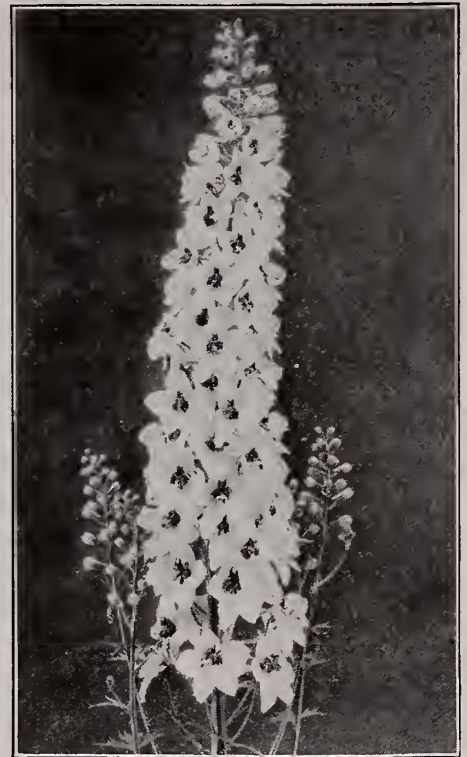
Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon Strain

Chrysanthemum Leucanthemum (Spring Marguerite) Trade pkt. Oz.		
Early floriferous, 36 in. "Mother's Day." lb., \$6.00	\$0.15	\$0.60
Maximum Perfection (Ox-Eye Daisy) lb., 4.00	.10	.40
King Edward VII. Large, white, 36 in. lb., 8.00	.15	.70
Laciniatum, Comet Marguerite. white, 36 in. . . . .	.25	1.20
Mrs. C. Lothian Bell. Single white, 3 ft. 1/4 oz., 30c	.25	1.20
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. 1/4 oz., 40c	.25	1.40
Victor. Giant flowered white. 1/4 oz., 30	.25	1.00
Clematis Paniculata. White. lb., \$ 3.00	.10	.40
Recta. Splendid cut-flowers, white, 4 ft. lb., 12.00	.25	.90
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., \$8.00	.20	.80
Auriculata Superba. Dark yellow with band of brownish red around disc. 1/4 oz., 50	.25	1.60
Corydalis. X Cheilanthifolia. Fern-like foliage, golden-yellow flower spikes. 8 in. April-Oct. . . . .	.50	....
Lutea. X Gray-green foliage, golden-yellow flowers, constantly in bloom all summer. For borders and walls. . . . .	.50	....
Crucianella X Stylosa. Light red, 18 in. . . . .	.15	.60
Cyclamen. X Europaeum. The well known red flowering Alpine violet. 4 in. August-Sept. . . . .	.50	....
Daisy. See Bellis, Agathe, Chrysanthemum Maximum and Pyrethrum.		
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. 1/4 oz., 30c; lb., \$14.00	.25	1.00
Westralia. Very large and early. White. 1/4 oz., 40c	.25	1.40

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
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. lb., \$80.00; 1/4 oz., \$2.00	1.00	6.00

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DELPHINIUM—Continued

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

		Trade pkt. Oz.
XXX Light Blue Shades. 1/4 oz., 70c	\$0.50	\$ 2.60
XXX Dark Blue Shades. 1/4 oz., 70c	.50	2.60
XXX Mid-Blue Shades. 1/4 oz., 70c	.50	2.60
XXX Pastel Shades. 1/4 oz., 70c	.50	2.60
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. 1/4 oz., 50c	.25	1.60
Belladonna. Light Blue, 4 to 5 ft. lb., \$24.00; 1/4 oz., 50c	.25	1.80
Light Blue Improved, 4 to 5 ft. lb., \$36.00	.50	2.80
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. lb., \$8.00	.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 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 True Blue (better than D. Formosum). 5 ft. . . . .	.50	8.00
Double Hybrids. Fine mixed. lb., \$20.00	.35	1.60
Lamartine. Dark blue; single. 1/8 oz., \$1.25	.50	8.00
Mrs. H. J. Jones. Single Cambridge blue, extra long spikes. 1/8 oz., \$1.25	.50	8.00
Rev. E. Lascelles. Deep violet blue, large clear white eye. 1/8 oz., \$1.25	.50	8.00
The above three varieties come almost true from seed.		
Summer Cloud. White, fine. 1/8 oz., \$1.25	.50	7.40
Formosum. Blue, dark, 5 ft. lb., \$30.00	.50	2.40
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in. 1/4 oz., 85c	.50	3.00
Chamois. 1/8 oz., 60c	.50	4.00
Lemon Gem. 18 in. 1/8 oz., \$1.20	.50	
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft. 1/8 oz., \$2.00	.50	14.00
Gold Medal Hybrids. An extra choice strain. lb., \$12.00	.25	1.00
Vaughan's Special Mixture, Perennial varieties. . . . .	.50	3.20



SWEET WILLIAM (*Dianthus Barbatus*)

Requires a dry, sunny location with good drainage. In other words, poor soil, stony, with but little or no humus, and especially deficient in nitrogen.



EDELWEISS



DICTAMNUS Fraxinella (Gas Plant)

Seeds of Biennials and Hardy Perennials

DIANTHUS-PINKS

	Trade	pkt.	Oz.
Allwoodii X	100 seeds, \$1.00; 1,000 seeds, \$8.00		
Barbatus (Sweet William).			
Double Blood-red (<i>Atrosanguineus</i> pl.)	\$0.20		\$1.00
Roseus. Pink . . . . .	.15	.80	
Nigrescens. Almost black . . . . .	.15	.80	
White . . . . .	.15	.80	
Double Mammoth, Flowered. Mixed . . lb., \$14.00	.25	1.20	
Single Albus. White . . . . .	.15	.50	
Blood-red (<i>Atrosanguineus</i>) . . . . .	.15	.50	
Coppery Red . . . . .	.15	.80	
Diadematus. Crimson with white eye . . . . .	.15	.60	
Harlequin (<i>Mutabilis</i>). Many shades to each flower head . . . . .	.15	.50	
Johnson's Giant. Mixture of large-eyed, dark. . . . .	.15	.80	
Nigrescens. Very dark, almost black . . . . .	.15	.50	
Pink Beauty (Newport Pink). Salmon-rose . . . . .	.20	1.00	
Roseus. Delicate pink . . . . .	.15	.50	
Scarlet Beauty. Scarlet lb., \$8.00	.15	.80	
Turkey-Red . . . . .	.15	.80	
Single Dwarf Mixed . . . . .	.15	.50	
Mammoth Flowered. Single mixed . . . lb., \$ 6.00	.15	.60	
Vaughan's Special Mixture lb., 12.00	.25	1.20	
Barbatus X <i>Chinensis</i> (Annual Sweet William). Mixed lb., \$6.00	.15	.60	
Sweet Wivelsfield ¼ oz., \$1.50	.50	5.00	
Caesius, (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers, 3 in. July	.35	1.60	
Deltoides Brilliant (Maiden Pink). X Rose, 6 in. Summer ¼ oz., 50c	.35	1.80	
Dentatus Hybridus X Lilac and red ¼ oz., 50c	.25	1.40	
Graniticus. Carmine. X 8 in ¼ oz., 75c	.25	2.40	
Hybridus Crimson Bedder. Crimson-scarlet. 8 in.			
Latifolius <i>Atrococcineus</i> 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	
Neglectus X (Glacier Pink). Fiery red, 6 in. 1000 seeds, \$5.00; 100 seeds, 50c			
Best rock work species mixed X ¼ oz., \$1.25	.50	4.00	
Plumarius (Clove Pink). X Single mixed, 6 in. lb., \$3.60	.10	.40	
Double. Fine mixed lb., \$14.00; ¼ oz., 30c	.25	1.00	
Spring Beauty. Extra double giant-flowered clove pinks, carnation-like in form and size and with a beautiful range of color. Very fragrant ¼ oz., \$1.25	.50	4.00	
Cyclops. Best single . . . . .	.15	.80	
Cyclops. Red Hybrids ¼ oz., 35c	.25	1.20	
Cyclops. Double Mixed ¼ oz., 75c	.25		
Semperflorens. Single Mixed ¼ oz., 30c	.20	1.00	
Double and Single Mixed ¼ oz., 40c	.25	1.40	

DIANTHUS Plumarius—Continued

	Trade	pkt.	Oz.
Diadematus. Rose sprinkled white	\$0.15	\$0.80	
Albus Plenus. Double white ¼ oz., 60c	.25	2.20	
Nanus fl. pl. Double Early-Flowering. Mixed ¼ oz., 60c	.25	2.20	
Mrs. Sinkins. Double white ½ oz. \$1.00	.50		
Peacock. Fringed . . . . .	.15	.80	
Vaughan's Special Mixture ¼ oz., 60c	.25	2.00	

Dictamnus Fraxinella (Gas Plant). Pink

. ¼ oz., 50c; lb., \$24 00	.25	1.80
Fraxinella Albus. White, 30 in. ¼ oz., 50c; lb., 24 00	.25	1.80
<i>Dielytra Spectabilis</i> . Bleeding Heart. Seedlings will bloom the second year. . . . .	.50	6.00

DIGITALIS (Foxglove)

Canariensis. Canary-yellow ½ oz., 70c	.35	5.00
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 lb., \$12.00 ¼ oz., 35c	.25	1.00
Hybrida Lutzii. New salmon hybrids oz., 40c	.25	1.40
Gloxiniiflora. 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
Grandiflora. Chrome-yellow (<i>Ambigua</i>), 36 in. lb., \$8 00	.15	.80
Maculata Iveryana. Spotted varieties, 4 ft. . . . .	.15	.60
Purpurea . . . . .	.10	.40
Monstrosa. Mixed, 3 ft lb., \$6.40	.15	.60
Mixed lb., 4.00	.10	.40
Vaughan's Special Mixture lb., 8.00	.15	.80

Doronicum Caucasicum, yellow, early 1.00

Plantagineum Excelsum. These handsome large golden-yellow, daisy-like flowers, borne on long stiff stems are very attractive for bouquets. The plants grow 2½ ft. high and bloom in April-May 50 seeds, 50c		
Echinacea Purpurea. Hybrida (Cone Flower), mixed	.35	1.80
Purpurea. Purple Cone Flower, 40 in . . . lb., \$14.00	.25	1.20
Echinops (Globe Thistle) Ritro. Violet, 5 ft. . lb., \$4.80	.15	.50
Sphaerocephalus. Light blue, fine for winter bouquets	.10	.40
Edelweiss. X Large-flowered, 6 in ½ oz., \$2.00	.50	
Eremurus Robustus, 100 seeds, 75c; 1000 seeds, \$6.00		
Himalaicus 100 seeds, 35c; 1000 seeds, 3.00		
Erigeron Speciosus Hyb. Grandiflorus. Rosy lilac . . . . .	.35	2.20
Grandiflorus Elatior. Rosy, 24 in . . . . .	.35	2.40
Erinus X Alpinus. Purple, fine for borders. ¼ oz., \$2.00	.50	

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



HEUCHERA Sanguinea



HOLLYHOCK Chater's Double



LATHYRUS Latifolius (Perennial Pea)

Seeds of Biennials and Hardy Perennials

	Trade pkt.,	Oz.
Gunnera Manicata. Fine foliage plant.....	\$1.00	
Gypsophila Paniculata. White, 40 in.....	.15	\$5.40
Paniculata Fl.Pl. (30 to 40% true), 40 in.....	¼ oz.,	\$1.25
Snow-white.....	⅓ oz.,	80c
Manginii. Rosy white, tall.....	.20	1.00
Repens, X Dwarf, for rockwork. White, 6 in.....	.25	1.40
Helenium Autumnale Superbum. Yellow.....	.35	1.80
Autumnale Hybr. Nanum Pracox. Remarkable early-blooming hybrids in bronze and crimson- brown shades. 3 ft. July-Sept.....	⅓ oz.,	\$1.00
Bigelovi. Yellow, for cutting, 20 in.....	.50	3.60
Hoopesi. Yellow, 30 in.....	.20	1.00
Pumilus Magnificum Bright yellow, 2 ft.....	.25	1.25
Riverton Beauty, Lemon-yellow, 4 ft.....	¼ oz.,	85c
Riverton Gem. Crimson and old gold.....	.50	
Helianthemum X Mutabile, (Rock Rose). Low-grow- ing evergreen plants forming large clumps, com- pletely covered with bloom during July and August. Pale rose changing to lilac, then to white. 8 to 12 in. Mixed colors.....	.20	.80
Helianthus (Sunflower) Maximilianii. Early-flower- ing, yellow. 3 ft.....	⅓ oz.,	70c
Angustifolius. Autumn Glory. Yellow, free-bloom- ing. Good cut-flower, 3 ft.....	.25	1.20
Harvest Moon (Laetiflorus), Semi-double. The pret- tiest of the hardy sun-flower group. Four feet high, flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yolk-of- egg yellow color. September.....	.50	
Rigidus Daniel Dewar. Semi-double golden-yellow flowers. 4 ft. July-August.....	.50	
Perennial Varieties. Mixed.....	⅓ oz.,	\$1.00
Heliopsis Pitcheriana. Golden yellow, 4 ft.....	.15	.80
Scabra Zinniaeflora. Yellow, 3 ft.....	.25	1.20
Soleil d'Or. Golden yellow, 5 ft.....	.25	1.00
Helleborus Niger, Christmas Rose. Seed germinates very slowly. 15 in.....	lb.,	\$10.00
Hesperis Matronalis (Sweet Rocket), red, 40 in.....	lb.,	3.20
Matronalis Alba. White, 40 in.....	lb.,	3.20
Mixed.....	lb.,	3.00
Nana Candidissima, 20 in.....	.15	.60
Heuchera X Sanguinea. Crimson, 30 in.....	⅓ oz.,	1.20
Sanguinea Splendens. Bright vermilion.....	⅓ oz.,	1.20
Hybrida Grandiflora. Mixed, 30 in.....	⅓ oz.,	1.00
Maxima. Crimson, 30 in.....	⅓ oz.,	1.50
Brizoides. Rosy, 30 in.....	⅓ oz.,	1.20
Hibiscus Giant Yellow Sunset or (Golden Bowl), 2 ft.....	.15	.60
Crimson Eye. White with red eye, 4 ft.....	lb.,	\$5.40
Mallow Marvels. Mixed, 4 ft.....	lb.,	5.00
Red, 4 ft.....	lb.,	7.00
Rose.....	.25	1.60

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

	Trade pkt.	Oz.
Hieracium X Villosum. Yellow, silvery leaves, 12 in.....	\$0.35	
Hollyhocks. Double Maroon, Yellow, Pink, Deep Rose, Crimson, Salmon, Appleblossom, Blood-Red, Newport-Pink, Lilac Beauty, White.....	lb.,	\$14.00; ¼ oz., 40c
Dr. Faust Black.....	¼ oz.,	65c
Imperator, Improved. New formation, collar of frilled and fringed edges.....	.50	5.00
Kew Garden Pink. Satiny pink.....	.25	3.00
Queen of Sheba. Primrose with rosy reflection.....	.25	1.80
Chater's Prize. Double Mixed.....	lb.,	\$12 00
Single Black, Pink, Red, Rose, Salmon, White and Yellow, each.....	¼ oz.,	40c
Single mixed.....	lb.,	\$5.00
Exquisite. Mixed colors, curled edges.....	¼ oz.,	50c
Sensation. Monstrous flowers, uniformly double of clear silvery salmon-pink.....	¼ oz.,	50c
Allegheny. Mammoth-flowering, mixed.....	lb.,	\$8.00
Alameda Pink. Wonderful new single pink.....	.25	1.40
Everblooming Single Hybrids.....	lb.,	\$5.00
Double and Single Hybrids, mixed.....	lb.,	6.50
Honesty, see Lunaria.		
Horminum X Pyrenaicum. "Dragon's Mouth." Large rosettes of dull green foliage from which rise sprays of violet-blue flowers.....	1.00	
Humulus Lupinus (common hop).....	¼ oz.,	40c
Hyacinthus Candicans. White yucca-like flowers, 4 ft.....	lb.,	\$4.00
Iberis, see Candytuft.		
Incarvillea Delavayi. Rosy-carmine, 24 in.....	⅓ oz.,	\$1.25
Grandiflora.....	⅓ oz.,	1.00
Brevipes. Large flowers bright deep rose. Very handsome. 2 ft.....	⅓ oz.,	\$1.25
Inula X Ensifolia. Dwarf, golden, 12 in.....	¼ oz.,	\$1.00
Glandulosa Grandiflora. Orange. 2 ft.....	⅓ oz.,	2.50
Iris Kaempferi, Japanese Iris. Most seedlings bloom the second year. 18 in.....	lb.,	\$ 8.00
Large-Flowering (German) Hybrids.....	lb.,	10.00
Isatis Glauca, 2 ft. Foliage silvery gray-green, flowers bright yellow freely produced.....	.15	.80
Kenilworth Ivy X Linaria Cymbalaria, pink.....	¼ oz.,	50c
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wista- ria-like flowers.....	lb.,	\$4.00
Larkspur (Perennial). See Delphinium.		
Lathyrus Latifolius. (Everlasting Pea), mixed.....	lb.,	\$ 5.00
Latifolius Pink Beauty, very fine, 6 ft.....	lb.,	6.00
Red. Magenta, 7 ft.....	lb.,	6.00
White Pearl, 5 ft.....	lb.,	12.00
Lavandula Vera. True Sweet Lavender.....	.15	.80
Liatris (Blazing Star.) Spicata. Purple rose, 20 in.....	.35	1.60
Pycnostachya, 4 ft. Purple. Aug. to Oct.....	¼ oz.,	50c
Scariosa. Rose-purple, 4 ft.....	¼ oz.,	50c



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.

White	Rose Pink	Deep Rose	Maroon		
Yellow	Flesh-Pink	Scarlet	Salmon-Rose		
Any of above				Trade pkt	Oz.
Vaughan's Early and Perpetual-Flowering mixed				$\frac{1}{4}$ oz., 70c	\$0.50 \$2.50
				$\frac{1}{4}$ oz., 65c	.50 2.00



Vaughan's Improved Swiss Giant Pansies

(Flowers About One-third Natural Size)

SEVERAL years ago on a European trip we discovered the original Swiss Giant Pansy which has created a sensation wherever 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; $\frac{1}{2}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$5.00; oz., \$10.00.

Vaughan's 5-Blotched Super-Swiss Giants

The Swiss Giants, as originally introduced by us, were mostly 3-blotched. Our grower, by painstaking selection, has succeeded in fixing a strain that comes 90% 5-blotched and in all the brilliant and unique colors and color combinations of the Swiss Giants, having their enormous size of wavy and crinkly flowers. We recommend this strain as distinct and very desirable. **Trade pkt.**, \$1.00; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.00; $\frac{1}{2}$ oz., \$10.00; oz., \$20.00.

Pansy Swiss Alpenglow

This has the same early, free and almost ever blooming habit as our Swiss Giants (Mixture) but the color is of a rich velvety gamet. A most striking and attractive color. (See illustration). **Trade pkt.**, \$1.00; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; $\frac{1}{2}$ oz., \$6.00; oz., \$12.00.

Pansy Swiss Blue (Ullswater Thuner Sea)

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; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; $\frac{1}{2}$ oz., \$6.00; oz., \$12.00.

Pansy Swiss Yellow

The same form and substance of flower as above only color is a clean golden shade embellished by three dark blotches. **Trade pkt.**, \$1.00; $\frac{1}{8}$ oz., \$2.25; $\frac{1}{4}$ oz., \$4.00; oz., \$14.00.



PANSY SWISS ALPINE GLOW



This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers

Grass Seed Deals

Vaughan's Chicago Parks Contains No Timothy

Chicago Parks Deal No. 1	Retails for \$23.65										
\$15	<table border="0"> <tr> <th>Cartons</th> <th>Ret. Price</th> </tr> <tr> <td>4 ½-lb.</td> <td>\$0.30</td> </tr> <tr> <td>20 1-lb.</td> <td>.60</td> </tr> <tr> <td>1 3-lb.</td> <td>1.75</td> </tr> <tr> <td>3 5-lb.</td> <td>2.90</td> </tr> </table>	Cartons	Ret. Price	4 ½-lb.	\$0.30	20 1-lb.	.60	1 3-lb.	1.75	3 5-lb.	2.90
Cartons	Ret. Price										
4 ½-lb.	\$0.30										
20 1-lb.	.60										
1 3-lb.	1.75										
3 5-lb.	2.90										
Net Cash											

Retails for \$31.65	Chicago Parks Deal No. 2												
<table border="0"> <tr> <th>Cartons</th> <th>Ret. Price</th> </tr> <tr> <td>3 ½-lb.</td> <td>\$0.30</td> </tr> <tr> <td>25 1-lb.</td> <td>.60</td> </tr> <tr> <td>2 2-lb.</td> <td>1.20</td> </tr> <tr> <td>1 3-lb.</td> <td>1.75</td> </tr> <tr> <td>4 5-lb.</td> <td>2.90</td> </tr> </table>	Cartons	Ret. Price	3 ½-lb.	\$0.30	25 1-lb.	.60	2 2-lb.	1.20	1 3-lb.	1.75	4 5-lb.	2.90	\$20
Cartons	Ret. Price												
3 ½-lb.	\$0.30												
25 1-lb.	.60												
2 2-lb.	1.20												
1 3-lb.	1.75												
4 5-lb.	2.90												
	Net Cash												

This mixture is composed of heavy, re-cleaned seed, blended according to the formula proved in our fifty years' experience to be the best for permanent lawns under American conditions. Recent scientific experiments by the Department of Agriculture confirmed what experience has taught us as to

our formula. Kentucky blue grass and red top form the bulk of this mixture, to which are added white clover in the correct proportion and other grasses to thicken the turf, and assist in establishing the permanent stand of blue grass upon which good lawns depend. Produces a lawn that will endure.

\$25.00 Combination Offer, Sun and Shade Grasses, Retails for \$39.40

Chicago Parks (For Sun): 3 ½-lb. cartons; 22 1-lb. cartons; 2 2-lb. cartons; 1 3-lb. carton; 3 5-lb. cartons.

Columbian (For Shade): 2 ½-lb. cartons; 10 1-lb. cartons; 1 2-lb., carton; 1 3-lb. carton; 1 5-lb. carton.

Vaughan's No. 25 Lawn Mixture

A New Economy Mixture Containing NO TIMOTHY

We have prepared this blend to fill the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our No. 25 has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut. No. 25 should be cut as soon as it is long enough, and kept short. To obtain the finest texture, it should be cut twice a week. It is a rugged and hardy grass, that will grow under more severe conditions than some of the other lawn grasses. It should be followed by reseeding with Vaughan's Chicago Parks Mixture, containing a large proportion of the permanent Kentucky blue grass. We will gladly send a sample and will appreciate a trial order.

Price,	-	-	-	\$16.50 per 100 lbs.
5 and 10 lb., bags,				17.50 per 100 lbs.
1 lb. cartons,				18.50 per 100 lbs.

Retails for \$16.20	No. 25 Deal No. 3								
<table border="0"> <tr> <th>Cartons</th> <th>Ret. Price</th> </tr> <tr> <td>26 1-lb.</td> <td>\$0.30</td> </tr> <tr> <td colspan="2">Bags</td> </tr> <tr> <td>6 5-lb.</td> <td>1.40</td> </tr> </table>	Cartons	Ret. Price	26 1-lb.	\$0.30	Bags		6 5-lb.	1.40	\$10
Cartons	Ret. Price								
26 1-lb.	\$0.30								
Bags									
6 5-lb.	1.40								
	Net Cash								

All Grass Seed Net Cash, F. O. B. Chicago or New York.



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

Sell Gladiolus Bulbs in Spring

VAUGHAN'S RAINBOW GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use specially graded bulbs, the size which do best for outdoor flowering. The 10 named varieties (50 each) include such world-beaters as Mrs. Pendleton, Mrs. Francis King, Herada, 1910 Rose and E. J. Shaylor—none better known. 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. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value.

Caladiums

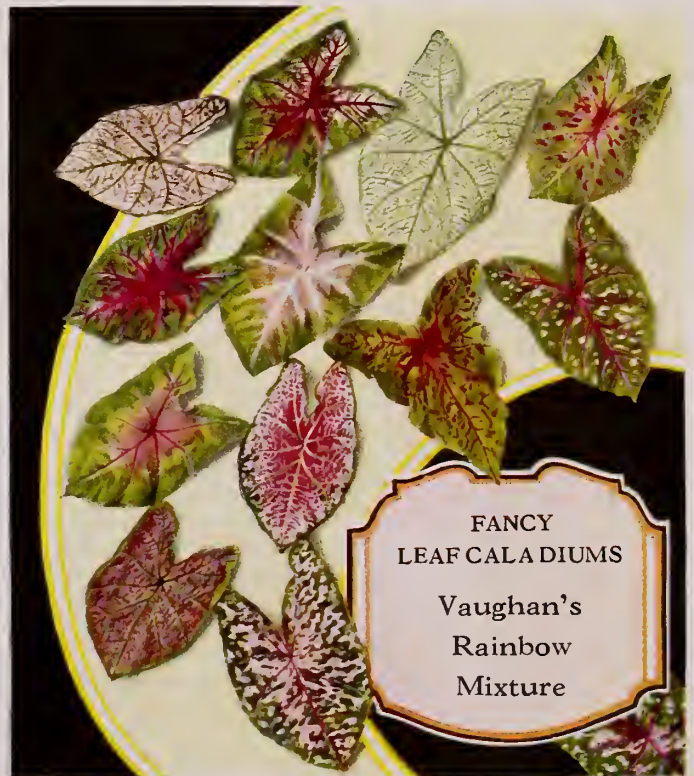
Vaughan's Special Fancy-Leaved

One of the finest summer foliage plants, they should be better known and grown everywhere. Nothing compares with their rich, ornamental coloring and graceful appearance. Easily grown pot plants, selling readily all summer. No florist should be without these highly decorative plants.

Rich ornamental leaves, handsomer than begonias, delicately marbled, veined and striped in every describable shade of pink, red, green and white. Hardly any two leaves just alike and attracting attention everywhere. Used as pot plants for living room, sun porch or store, for shady window boxes and for outdoor bedding in shady positions sheltered from wind.

Start in sand in January or February and shift to pots before leaves unfold.

Our Rainbow mixture is composed of choice dormant bulbs carefully graded in the finest varieties. The Named sorts and Unusual and Rare Varieties are probably the best to be had. All bulbs are good size, clean, healthy and we have discarded old varieties which do not have rich coloring. Shipments start in January and bulbs are available until late March.



	Doz.	100	1000
Vaughan's Rainbow Mixture	\$2.00	\$14.00	\$130.00
Named. Our selection	2.50	16.50	155.00
Unusual and rare varieties. All named	3.00	18.75	175.00



A Brilliantly Colored, Attention Commanding Streamer of Modern Art Design. No One Can Overlook it. 40x16 inches.

Our Consignment Seed Offer

Our Posters and Patented Display Rack Sells the Modern Garden

OUR packet seeds are supplied on the usual terms, but with unusual display material, and a unique method of direct delivery to you by parcel post. An assortment of flower seeds, or both flower and vegetable seeds as you choose, is sent you on consignment, to be sold at 40% commission. All packets are 10 cents. Each rack is dated and bears a seed analyst's certificate of the purity and freshness of its seeds. At the end of the season you return the unsold packets in a bag supplied by us, and destroy the rack. You are credited with the returns and billed for the seeds sold, less 40%.

Here is What We Send You to Sell

Dated, Certified Seeds. A dated assortment of garden seeds, freshly packed for the season of 1931, tested and certified by a qualified seed analyst, containing vegetables chosen for their flavor and tenderness and a large selection of flower seeds.

Pictures from Oil Paintings. Accurate full color pictures, made from oil paintings, of each variety of flower and vegetable in the assortment. 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 give your store the atmosphere of spring.



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

Fill Out this Contract and Mail 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 1931 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 us. This will save time and avoid the necessity of writing especially for them.



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

Your Firm Name.....

VAUGHAN'S SEED STORE
Commission Box Department
601 W. Jackson Blvd., 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 1931. 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, is to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.

REFERENCES:

Sign here.....

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 Nanceianus sorts. The best mixture from best existing kinds, and is without an equal in America.

First size, per 100, \$3.50; per 1,000, \$30.00.
Medium size, per 100, \$3.00; per 1,000, \$25.00.

Extra Fine Mixed. This mixture is specially grown for us, and is further improved by us when received from the grower by the addition of many choice new kinds, including some of Vaughan's named, insuring a wide range of colors, shades and types.

First size, 100, \$2.50; 1,000, \$22.00.
Medium size, 100, \$2.00; 1,000, \$18.00.

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.

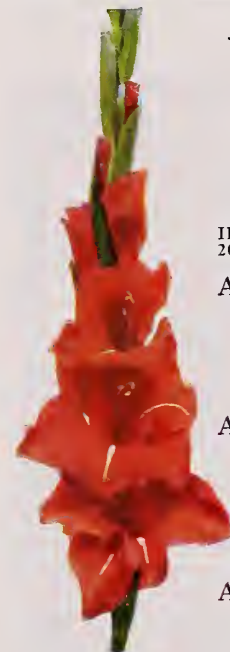
Free from disease—True to name

IF MEDIUM SIZE Bulbs are wanted deduct 20% from prices below except where noted.

Alma. Phlox pink, 3 to 4 feet tall, blossoms in 90 days. Blossoms well-placed on stems, face one way; seven to ten open at once. Twenty flowers on a typical spike. This color is popularly known as light lavender or orchid. Throat marking is darker surrounded by a cream, which blends gradually into the general color. Price, per 100, \$5.50; per 1,000, \$50.00.

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, \$2.00; per 1,000, \$18.00.
Medium size, per 100, \$1.75; per 1,000, \$15.00.

Anna Eberius. 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, \$2.75; per 1,000, \$25.00.
Medium size, per 100, \$2.25; per 1,000, \$20.00.



DR. BENNETT

Baron J. Hulot. The best deep blue, deep violet-blue with many open flowers on tall spike. Price, 1 1/2 in. Bulbs, per 100, \$4.50; per 1,000, \$40.00.
Medium size, per 100, \$4.00; per 1,000, \$35.00.

Black Pansy. Rich dark red, pansy-like throat. Price, per 100, \$3.00; per 1,000, \$27.00.

Byron L. Smith. Lavender on white ground; exceptional for cut flowers. Price, per 100, \$4.00; per 1,000, \$35.00.

Caruso. Splendid flowers of brilliant orange-red. The earliest of all red gladiolus, blooming with or before Halley. Price, per 100, \$10.00; per 1,000, \$99.00.

Chateau Thierry. Bright scarlet-red, with carmine stripe on creamy ground on lower petals. Price, per 100, \$2.75. per 1,000, \$25.00.

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, \$2.00; per 1,000, \$18.00.
Medium size, per 100, \$1.75; per 1,000, \$15.00.



CHICAGO WHITE

Capt. Boynton. Lavender. Price, per 100, \$5.00; per 1,000, \$45.00.

Chicago Salmon. Clear salmon. Price, First size, per 100, \$3.50; per 1,000, \$30.00.
Medium size, per 100, \$2.75; per 1,000, \$25.00.

Clara Adams. Light pink with a slight crimson marking in the throat. Price, per 100, \$2.75; per 1,000, \$25.00.

Crescent Queen. Dark wine red. Price, per 100, \$2.75; per 1,000, \$25.00.

Crimson Glow. Scarlet-crimson. Price, per 100, \$2.75; per 1,000, \$25.00.

Detroit. Light pink with deeper pencillings on inside and outside of upper petals. Price, First size, per 100, \$10.00; per 1,000, \$90.00.
Medium size, per 100, \$9.00; per 1,000, \$80.00.

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.

Deutschland. Color is a wonderful pink, with fiery crimson blotch. The spikes are very large, borne on tall, slim but wiry stalks, presenting an elegant appearance. Price, per 100, \$5.00; per 1,000, \$45.00.

Dr. F. E. Bennett. Peach-red, overlaid with flame-scarlet, throat stippled with ruby and white. A very large, attractive red with plenty of vigor. The flowers have good substance. Price, per 100, \$5.00; per 1,000, \$45.00.

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, \$2.00; per 1,000, \$18.00.
Medium size, per 100, \$1.75; per 1,000, \$15.00.

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, \$4.10; per 1,000, \$37.00.
Medium size, per 100, \$3.80; per 1,000, \$34.00.



CAPT. BOYNTON

Vaughan's Gladioli



MRS. F. PENDLETON

Edith Mason. A beautiful delicate, self-pink of the shade called by Ridgeway, geranium-pink; inconspicuous throat markings of cream; 4 to 5 feet tall, blossoms in 90 days. Seventeen flowers on a typical spike, all face one way. Price, per doz., \$3.50; per 100, \$25.00.

Elizabeth Tabor. Petals are delicate rosy pink on white ground, lower ones bearing a rich dark crimson blotch which terminates in a diamond of soft yellow. Grows tall, but rarely has a crooked stalk. Flower spike very long, with a number of flowers open at once, gracefully placed. Very good forcer. Price, per 100, \$3.50; per 1,000, \$30.00.

Elsie McCormick. A beautiful rose-pink. Very strong, healthy grower, medium in height and holds a large number of blooms open at one time. Price, per 100, \$5.00; per 1,000, \$45.00.

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, 1 $\frac{3}{4}$ -in. Bulbs, per 100, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Florence. Bright lilac, white blotch on the two lower petals. Very distinct. Very strong stalk. Price, per 100, \$5.00; per 1,000, \$45.00.

Giant Nymph. Rose-pink flowers with yellow throats. Price, per 100, \$2.75; per 1,000, \$25.00.

Golden Measure. Best of all yellow varieties. Price, per 100, \$5.00; per 1,000, \$45.00.

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, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.

Herada. Pure mauve, glistening and clear with deep markings in throat. Immense blooms. Price, First size, per 100, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

Improved Martha Washington. This is an improvement of our Martha Washington variety. Large, light red flower with throat blotches that are almost black. Looks like a Martha Washington geranium. Price, per doz., \$1.75; per 100, \$12.00.



KALAMAZOO

Ionia. Yellow suffused with pink which gives it an exceptionally delicate shade. Price, per 100, \$6.00; per 1,000, \$55.00.

Joe Coleman. Very large and vigorous; rich red, one of the finest ruffled varieties. Price, First size, per 100, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

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, \$7.00; per 1,000, \$65.00.

Lansing. Big pink, strong tall-grower. A white ground is overlaid with pale sulphur-yellow on two side petals, with tips of all petals tinted light flaming pink. Price, per doz., \$1.50; per 100, \$10.00.

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, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.



MRS. F. KING

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, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$2.75; per 1,000, \$25.00.

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, \$3.50; per 1,000, \$30.00.

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, \$4.50; per 1,000, \$40.00.

Los Angeles. Large flowers. Salmon-pink. Very early. Long stem. Price, per 100, \$2.75; per 1,000, \$25.00.

Manistee (303). Season from 90 to 95 days. This is a large ruffled pink. Vigorous grower with heavy foliage and strong straight spikes. Flower well placed and beautifully ruffled. Price, per 100, \$8.00; 1,000, \$75.00.

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, \$4.50; per 1,000, \$40.00.

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, \$2.75; 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, \$3.50; per 1,000, \$30.00.

Mrs. Frank Pendleton. One of the most exquisitely colored and formed Gladioli 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, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.

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



L. W. WHEELER

Most popular kind this season in New Jersey towns where many Gladioli are used. Price, First size, per 100, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.

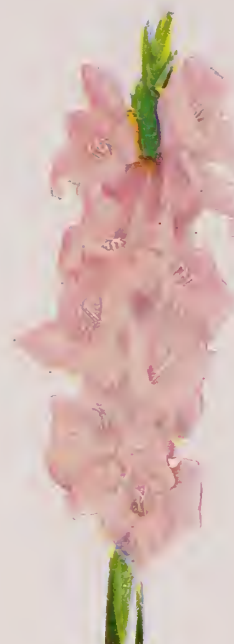
Mrs. Leon Douglas. Ground color Begonia-Rose, striped with flame and brilliant scarlet. Lip is pale lemon slightly speckled with ruby. The size of the flowers, we believe, is the largest in existence, and all are very open and well set on the spikes. The spikes are extra long and have up to as many as seven side spikes on each main spike. This is one of the most beautiful varieties ever produced. Price, per 100, \$4.50; per 1,000, \$40.00.

Gladiolus Collections in Separate Colors	
FIRST SIZE	
Blue Shades-	
Per 100, \$4.00;	per 1,000, \$35.00.
Red and Scarlet Shades,	
Per 100, \$2.00;	per 1,000, \$18.00.
White Shades,	
Per 100, \$2.25;	per 1,000, \$20.00.
Striped Shades,	
Per 100, \$2.75;	per 1,000, \$25.00.
Pink Shades,	
Per 100, \$2.00;	per 1,000, \$18.00.
Yellow Shades,	
Per 100, \$3.50;	per 1,000, \$30.00.



ORANGE QUEEN

Vaughan's Gladioli



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, \$2.50, per 1,000, \$22.50.

Mrs. H. E. Bothin. Flesh salmon-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, \$2.75; 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. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$2.75; per 1,000, \$25.00.

Mrs. W. E. Fryer. Bright scarlet. Good strong stems. Price, per 100, \$2.75; per 1,000, \$25.00.

Mystic. Bright rose-pink, flaked deeper. Pure white blotches on lower petals. Early. Price, per 100, \$4.00; per 1,000, \$35.00.

Orange Glory. Very rich and striking color. Price, per 100, \$4.00; per 1,000, \$35.00.

Odin. A sport of Prince of Wales; salmon color with dark blotches; early, good forcer. Price, per 100, \$2.75; per 1,000, \$25.00.

Panama. Pink; a sure money-maker. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Second size, per 100, \$2.00; per 1,000, \$18.00.

Peach Rose. An extra choice and distinct deep rose-pink of remarkable color and appearance. Was awarded First-class Certificate of Merit by Mass. Hort. Society. Price, per 100, \$5.00; per 1,000, \$45.00.

Prince of Wales. Delicate salmon-pink. Very large flowers. Early and a good forcer. A real florist variety. Price, First size, per 100, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.25; per 1,000, \$20.00.

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, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.



ROSE 1910

Princes. Scarlet, white throat. Price, First size, per 100, \$5.00; per 1,000, \$45.00.

Princepine. Carmine-red with large white blotch. Price, per 100, \$2.75; per 1,000, \$25.00.

Rose 1910. Early, rose-pink; very desirable cut-flower. Price, First size, per 100, \$2.00; per 1,000, \$18.00. Medium size, per 100, \$1.75; per 1,000, \$15.00.

Rose Ash. Ashes of roses, a decidedly new color which has attracted much attention. Price, First size, per 100, \$3.50; per 1,000, \$30.00. Medium size, per 100, \$2.75; per 1,000, \$25.00.

Scarlet Princes. (Virginia.) A sensation in scarlet Gladiolus, six or more massive "Princes" blooms open at one time. Throat a little deeper, an extraordinary distinct and massive spike. Winner of many awards. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

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, \$2.50; per 1,000, \$22.50. Medium size, per 100, \$2.00; per 1,000, \$18.00.



SCARLET PRINCES

Scarlano. Light orange-red. Price, per 100, \$3.50; per 1,000, \$30.00.

Sphinx. Lilac-red flowers, purple-red blotch. Price, per 100, \$5.00; per 1,000, \$45.00.

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, \$2.75; per 1,000, \$25.00.

Vaughan's White. Best white. Price, per 100, \$6.50; per 1,000, \$60.00.

Virginia. (See Scarlet Princes.)

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 100, \$6.50; per 1,000, \$60.00.

W. H. Phipps. LaFrance-pink overlaid with light rose-salmon, lighter toward the center. Lower petals very faintly striped and speckled with ruby. Flowers enormous. A masterpiece in Gladioli. Price, per 100, \$6.00; per 1,000, \$55.00.

White Pendleton (550). This is a white sport of Mrs. F. Pendleton. It is a pure white with a dark blotch in the throat. Price, per 100, \$5.00; per 1,000, \$45.00.

Wilbrink. A sport of Halley; retains Halley's earliness blotch on lower petals. Price, First size, per 100, \$2.25; per 1,000, \$20.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

Windsor. Sister to Detroit. A giant flower of light pink with deeper penciling of light crimson on inside and outside of upper petals. Price, per 100, \$5.00; per 1,000, \$45.00.

Primulinus Varieties

Alice Tiplady. Rich orange; extra fine, a great favorite; about 50 per cent produce two flower spikes. Price, First size, per 100, \$2.25; 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, \$1.75; per 1,000, \$15.00. Medium size, per 100, \$1.50; per 1,000, \$12.00.

Mary H. Dick. Very delicate pink with florets well placed. Per 100, \$3.50; per 1,000, \$30.00.

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.

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, \$2.75; per 1,000, \$25.00. Medium size, per 100, \$2.00; per 1,000, \$18.00.

Orange Queen. Apricot-orange. 1 $\frac{3}{4}$ -inch. Price, per 100, \$4.00; per 1,000, \$35.00. Medium size, 1 $\frac{1}{4}$ -1 $\frac{3}{8}$ inch, per 100, \$3.50; per 1,000, \$30.00.

Pinkprim. A large flowered Primulinus hybrid of a wonderful salmon-pink tint which Ridgeway terms salmon-rose. Marked only by white blotches at the lower petals and deep throat stippling of a color called by Ridgeway deep salmon-rose. Flowers well placed, averaging about ten to the spike. Four open at a time, measuring about 3 $\frac{1}{2}$ inches across. Price, per 100, \$3.50; per 1,000, \$30.00.

Sunbeam. Best yellow. Price, per 100, \$2.25; per 1,000, \$20.00.

Hybrids Mixed. Price, per 100, \$2.00; per 1,000, \$18.00.



SCHWABEN



VIRGINAL



Our Lawn Mixtures 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.

Dealers who wish to establish a permanent clientele of seed buyers are beginning to understand the importance of selling seeds of known value and standard quality. In no department is quality more important than with lawn seed. Protect yourself by selling your customer the sort of seed that has held for Vaughan's Seed Store a steadily growing business for more than 50 years.

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., \$25.00; less than 25 lbs., 27c per lb.
- Kentucky Blue Grass. Fancy. (19 lb. Seed.)
- Kentucky Blue Grass. Fancy. (21 lb. Seed.)
- Red Top. Fancy Seed. Extra heavy.

Ask for prices on Blue Grass and Red Top.
 Clover. Dutch White. Bags 35c each extra. Choice grade, \$33.00 to \$42.00 per 100 lbs.
 Fancy grade, \$47.00 per 100 lbs.; less than 25 lbs., 49c per lb.
 Put up in packages 5 lbs. and less, write for prices.
 Subject to change without notice.

Vaughan's Special Grass Mixture "Private Estate"

This contains a large proportion of the more expensive grasses, like the Bent Grasses, Chewing's Fescue, etc., also extra heavy Kentucky Blue Grass.
 (Retail at 80c per lb.) Price \$53.00 per 100 lbs.; 5-lb. cartons, each, \$2.85; per 100 lbs., \$54.00; 1-lb. cartons each, 60c; per 100 lbs., \$55.50. Orders for 10 to 25 lbs., at 55c per lb.

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.

SPECIAL MIXTURES

We will make up grass seed mixtures to suit your needs, including timothy mixtures, from \$13.00 per cwt. up to the higher grades.

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. This mixture is for light or medium shade.

Prices for Chicago Parks and Columbian Mixtures

	Per 100 lbs.
½ lb. carton (each 20c) \	\$38.50
1 lb. carton (each 40c) /	
2 and 3-lb. cartons	37.75
5-lb. cartons or bags (each \$1.95)	37.00
10 and 15-lb. bags	36.50
100, 50 or 25-lb. bags	36.00

Write for quantity prices.

Vaughan's Dense Shade Mixture

Composed of grasses most suited for growing in heavily shaded situations. This is an exceptional shade mixture and decidedly the best shade mixture on the market. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet. Prices same as for Private Estate Mixture.

All grass seed net cash, f.o.b. Chicago

Vaughan's Dahlias



GLADYS BATES

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.

Varieties marked * are good for cut flowers.

KEY TO ABBREVIATIONS. D., Decorative; H. D., Hybrid-Decorative; C., Cactus; H. C., Hybrid Cactus; P., Peony; Sin., Single; S., Show.

AMERICAN GEM. This is a selected type of the English bedding strain known as Coltness Gem. On compact bushy plants two feet high are borne many single blooms two to four inches in diameter of a brilliant geranium red with a heavy cluster of deep yellow stamens in the center. Beginning to bloom in July it continues until frost constantly improving in quality and number. Plants in our trials bear as high as thirty perfect blooms at one time. A good cut-flower and good keeper. Pot plants only ready in May each, 50c; dozen, \$5.00; per 100, \$35.00.

A. D. LIVONI. * (S.) A beautiful soft pink flower with quilled petals.	Doz. 100	\$1.25	\$8.00
ALEX WALDIE. * (D.) Creamy ground overlaid with delicate salmon pink. Splendid form with good stem.	3.00	20.00	
AMBASSADOR. (C.) Soft yellow at the center with salmon, amber and pink shadings gradually deepening toward the tips and outer floral rays.	5.50	40.00	
ATTRACTION. (C.) Very large, perfect and full flowers of a clear lilac-rose color; producing fine flower stems.	3.50	25.00	
CHARM. * (D.) A much admired free-flowering variety on long, stout, wiry stems, a most pleasing combination of burnt orange shading to yellow.	3.00	20.00	
CIGARETTE. (H.C.) Creamy white heavily edged with pomegranate-red but it varies greatly no two flowers being exactly alike.	4.50	30.00	
COUNTESS OF LONSDALE. * (C.) A delicate apricot, shading towards the edges of the petals to carmine-pink. Good stem and free and early flowering.	1.50	10.00	
DREER'S WHITE. * (S.) Large pure white quilled petals. A dwarf grower with long drooping stems. A good bloomer.	1.50	10.00	
DREER'S YELLOW. (S.) Large, clear yellow with quilled petals and strong stem.	2.00	15.00	
F. W. FELLOWS. (C.) Flowers of immense size composed of numerous long narrow incurved petals of a lively orange-scarlet.	3.00	20.00	
GLADYS BATES. * (C.) 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.	2.50	18.00	

GOLDEN CENTURY. (Sin.) A rich golden yellow suffused with amber.	Doz. 100	\$1.50	\$10.00
J. H. JACKSON. * (C.) A perfect, gorgeous, deep velvety blackish maroon. Gigantic in size. Every Dahlia lover should grow this variety.	2.00	15.00	
JACK ROSE. * (D.) A rich velvety crimson.	1.00	6.00	
JAN OLIESLAGERS. (P.) Deep primrose-yellow.	1.50	10.00	
JERSEY'S BEAUTY. * (D.) The most popular Dahlia in commerce today. Color eosine pink, a color difficult to adequately describe. As a cut flower or for exhibition it is unrivaled. Fine stem and foliage.	4.00	30.00	
JERSEY'S KING. * (D.) Broad petaled flowers of begonia pink with splendid stems. A favorite everywhere it is grown.	7.50	50.00	
JUDGE MAREAN. * (D.) 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.	4.50	30.00	
LADDIE. * (D.) A soft lemon yellow with orange buff suffusion which gives it a glowing color that makes it particularly attractive. The flowers are of large size produced very freely.	3.00	20.00	
MARC AUREAN. (D.) A finely formed flower of large size of sulphur-yellow, shading to lemon yellow at the center, continuing in good shape through the season. Early and profuse bloomer.	3.00	20.00	
MARGARET WOODROW WILSON. * (D.) Face of petals creamy white, reverse Phlox-pink. Petals broad and well placed, terminating in points, strong upright stems, dark green foliage. Medium height bush. A Dahlia for all who want beauty, size and stem.	10.00	75.00	
MAROON CENTURY. (Sin.) Beautiful rich maroon, large yellow center. Erect, free flowering.	1.50	10.00	
MAUDE ADAMS. * (S.) Snowy white, overlaid clear delicate pink. Vigorous grower; one of the best.	1.50	10.00	
MINA BURGLE. * (D.) Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet.	1.75	12.00	
MR. CRAWLEY. (D.) A plant of dwarf habit, having blooms of a glowing salmon-pink with yellow at the base of petals.	2.50	18.00	
MRS. CARL SALSBACH. * (D.) Color a lively shade of Solferino-pink with white suffusion which intensifies its color. Strong grower with good stem.	2.00	15.00	
MRS. IDE VER WARNER. * (D.) 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.	2.50	18.00	
MRS. ETHEL F. F. SMITH. (C.) Creamy white, shading to a lemon tint at the center. Immense flowers produced freely on long stiff stems.	2.00	15.00	
PATRICK O'MARA. (D.) 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.	2.50	18.00	
PINK CENTURY. (Sin.) 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.	1.50	10.00	
POLAR BEAR. * (H.D.) A pure white of splendid form which will stand the sun. Good stems and splendid keeping qualities and one of the best commercial whites.	3.00	20.00	
ROSA NELL. * (D.) Deep cerise pink, of a beautiful form and large size blooms. Good stem.	2.50	18.00	
PURPLE KING. * (D.) A lavender purple, early free bloomer, a strong grower. Making a bushy plant covered with flowers.	1.75	12.00	
SCARLET CENTURY. (Sin.) Brightest dazzling scarlet, golden disc. Immense flowers of fine round form, very profuse in flowering.	1.50	10.00	
SUN MAID. (H.C.) Color is a soft blending of orange and gold. The flowers have great depth and are held erect on strong stiff stems.	10.00	75.00	
SYLVIA. * (D.) White shading to soft pink on the outer petals.	1.25	8.00	
THE MILLIONAIRE. * (D.) (Gold Medal Dahlia.) Most delicate lavender with faint pink cast overshadowing it. Flowers measure 6 to 9 inches.	3.00	20.00	
TYRREL AUSTIN. (P.) Outer petals a rich carmine-red, inner petals beautifully blended and veined carmine, shades of yellow and pink.	1.50	10.00	
YELLOW DUKE. * (S.) Clear canary yellow. Very large and free bloomer with strong stem.	1.50	10.00	

Un-named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, orange and lavender; strong divisions of field roots, per 1,000.	\$75.00	1.25	8.00
Mixed field clumps, all colors.		1.75	12.00

Books on Florists' Problems

BOOKS. Prices quoted below include postage, and are subject to change without notice.

Common Garden Pests. By Gregory and Davis. What they are and how to control them. Illustrated. 150 pages	\$ 0.55
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
Floral Designs de Luxe. 472 illustrations.	5.00

Foundation Planting. By L. H. Johnson. Illustrated. Over two hundred black and white illustrations.	\$3.60
Fritz Bahr's Commercial Floriculture. A practical manual for the retail grower.	5.50
Garden Guide. The Amateur Gardener's Handbook. 388 pages, 270 illustrations, 106 half-tones, 164 sketches. Paper, \$1.10. Cloth.	1.65
Gardening Under Glass. By F. F. Rockwell. Illustrated. 289 pages.	2.65
The Book of Water Gardening. Peter Bisset. Cloth.	5.00

Write for our more complete list of Garden Books.



ANEMONE Japonica



DELPHINIUM (Bleeding Heart)



DELPHINIUM—Wrexham

Hardy Perennial Plants

All Perennials are Furnished in Strong Pot Plants or one-year Field Roots.

Five or more of one variety at the ten rate.

Twenty-Five or more at the Hundred Rate. Less than five, double the rate per hundred.

PLANTS FOR ROCK GARDENS

The sign X is placed after varieties especially suited for use in rock gardens.

	10	100
ACHILLEA Ageratum. X. Yellow. 1 ft. July.....	\$1.25	\$10.00
Boule De Neige. Dble. White. 2 ft. June-July.....	1.25	10.00
Millefolium Kelwayi. Pink. 2 ft. June-Sept.....	1.25	10.00
Parker's Variety. Yellow. 3 ft. June-Sept.....	1.25	10.00
Ptarmica, The Pearl. Dble. White. 1½ ft. All summer.....	1.25	10.00
The different varieties of Achillea are much used for cut flowers.		
ACONITUM Fischeri (Monkshood). Blue. 3 ft. Sept.....	1.85	15.00
Sparks Variety. Violet blue. 5 ft. July-Aug.....	1.85	15.00
AJUGA Reptans. X. Blue. 6 in. May.....	1.00	8.00
ALYSSUM Saxatile Compactum. X. Yellow. 1 ft. May.....	1.25	10.00
ANCHUSA Italica Dropmore. Blue. 4 ft. June-Sept.....	1.25	10.00
Myosotidiflora. X. Blue. 1 ft. May.....	1.85	15.00
ANEMONE Japonica Alba. Large, pure white.....	1.25	12.00
Alice. Large rose pink.....	1.25	12.00
Lorelei. Lilac rose.....	1.25	12.00
Queen Charlotte. Large semi-double La France pink.....	1.25	12.00
Richard Ahrens. New large double white with pink hue.....	1.25	12.00
Whirlwind. Excellent double white.....	1.25	12.00
ANEMONE Sylvestris. X. White. 1 ft. Apr.-May.....	1.50	12.00
ANTHEMIS Kelwayi. (Marguerite). Yellow. 2 ft. June-Aug.....	1.00	8.00
AQUILEGIA (Columbine)		
Alpina. X. Blue. 1 ft. May-June.....	1.25	10.00
Canadensis. X. Red and yellow. 1½ ft. May-June.....	1.25	10.00
Chrysantha. Yellow. 3 ft. June.....	1.25	10.00
Coerulea. X. Blue and white. 1½ ft. June.....	1.50	12.00
Farquhar Pink. 2 ft. May-June.....	1.50	12.00
Grandiflora Alba. White. 2 ft. June.....	1.50	12.00
Dobbie's Imperial Hybrids. Mixed. 2½ ft. June.....	1.50	12.00
Mrs. Scott Elliott. Long-spurred mixture. 2½ ft. June.....	1.50	12.00
Skinneri. Yellow and red. 2 ft. May.....	1.50	12.00
ARABIS Alpina. X. (Rockcress.) White. 6 in. Apr.-June.....	1.25	10.00
ARENARIA Montana. X. White. 4 in. Apr.-May.....	1.25	10.00
ARMERIA Laucheana. X. Light red. 8 in. May-June.....	1.50	12.00
Formosa. Rose pink.....	1.25	10.00
ARTEMISIA Lactiflora. White. 4 ft. Aug.-Sept.....	1.25	10.00
Silver King. Silvery foliage. 3 ft. All summer. Highly desirable as a cut flower and also for drying.....	1.50	12.00
Stelleriana. Deeply cut silvery white foliage.....	1.25	10.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.....	1.25	10.00
Asphodeline Lutea. Golden yellow. June-July.....	1.25	10.00
ASTER Abendrothe. Pink. 4 ft. Sept.-Oct.....	1.25	10.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct. One of the best Fall cut flowers.....	1.25	10.00
Climax White. 4 ft.-5 ft. Sept.-Oct.....	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June.....	1.25	10.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in. April-May.....	1.25	10.00
BAPTISIA Australis. Dark blue. 4 ft. May-July.....	1.25	10.00
BELLIS Perennis. X. (English Daisy). White or pink. 6 in. April-June.....	1.00	8.00
BOCCONIA Cordata. (Plume poppy). White. Good cut flower. 7 ft. July-Aug.....	1.25	10.00
BOLTONIA Asteroides. White. 6 ft. Aug.-Sept.....	1.25	10.00
Latisquama. Shell pink. 5 ft. Aug.-Sept.....	1.25	10.00
Nana. Shell pink. 2 ft. Aug.-Sept.....	1.25	10.00
BUDDLEIA Variabilis. (Butterfly Bush). Lilac. 4 ft. July-Sept.....	1.00	8.00
CALAMINTHA Alpina. X. Purple. 6 in. June.....	1.50	12.00

	10	100
CAMPANULA Calycanthera (Canterbury Bells, Cup and Saucer). Blue. 3 ft. July.....	\$1.50	\$12.00
Calycanthera. Pink. 3 ft. July.....	1.50	12.00
White. 3 ft. July.....	1.50	12.00
Carpatica. Blue. X. 9 in. July-Aug.....	1.25	10.00
Alba. X. White. 9 in. July-Aug.....	1.25	10.00
Lactiflora Coerulea. Pale blue. July-August.....	1.50	12.00
Medium (Canterbury Bells). Blue. 3 in. June-July.....	1.25	10.00
Rose. 3 ft. June-July.....	1.25	10.00
White. 3 ft. June-July.....	1.25	10.00
Persicifolia. Blue. 2 ft. June-July.....	1.25	10.00
Alba. White. 2 ft. June-July.....	1.25	10.00
Piperii. X. 1 ft. Blue. June-August.....	1.25	10.00
Portenschlagiana. X. 4 in. Deep lavender blue. May-June.....	1.50	12.00
Rotundifolia. X. (Blue Bells of Scotland.) Blue. 1 ft. June-Aug.....	1.25	10.00
Trachelium. Lavender-blue. 3 ft. July.....	1.00	8.00
CARNATION Grendin. 1 ft. July. Mixed colors.....	1.25	10.00
CASSIA Marilandica. Yellow. 5 ft. July-Sept.....	1.25	10.00
CATANANCHE Coerulea. Blue. 2 ft. July-Aug.....	1.25	10.00
CENTAUREA Montana. Blue. 2 ft. June-Sept.....	1.25	10.00
CEPHALARIA Alpina. Pale yellow. 3 ft. June-July.....	1.25	10.00
CERASTIUM Tomentosum. X. White. 6 in. May-June.....	1.25	10.00
CHEIRANTHUS Allioni. X. Orange. 1 ft. May-July.....	1.25	10.00
CHELONE Lyoni. 3 ft. Purple red. Aug.-Sept.....	1.25	10.00
CHIVES. (Herb). Used for seasoning.....	1.00	8.00
CHRYSANTHEMUM		
Articum (Arctic Daisy). 2 ft. White. Late Sept.....	1.25	10.00
King Edward Shasta Daisy. White. Makes good cut flower. 3 ft. All summer.....	1.25	10.00
Leucanthemum Flore Pleno. 1-2 ft. Double white.....	1.50	12.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.....	1.00	8.00
Supreme. 3 ft. Large white flowers. Makes good cut flowers.....	1.50	12.00
Uliginosum. 3-4 ft. Large white flowers.....	1.00	8.00
CIMICIFUGA Racemosa. White. 4 ft. July-Aug.....	1.50	12.00
CLEMATIS Recta. White. Desirable for cut flowers, 3 ft. June-July.....	2.50	20.00
CONVOLVULUS Mauritanicus. X. 6 in. Blue, resembling a morning glory. All summer.....	1.50	12.00
COREOPSIS Lancelata. Yellow. 2 ft. All summer.....	1.00	8.00
CYPripEDIUM Acaule. X. Rosy purple. 1 ft. May-June.....	1.50	12.00
Spectabile. X. Rosy purple. 2 ft. June.....	2.25	18.00
DAISY Hartje & Elder. Early. Blooms for Decoration Day. Valuable cut flower.....	1.25	10.00
DELPHINIUM Belladonna. Light blue. Much used for cut flowers. 4 ft. All summer.....	1.25	10.00
Bellamosum. Dark blue. 4 ft. All summer.....	1.25	10.00
Blackmore & Langdon. Hybrid mixture. 4 ft. All summer.....	1.85	15.00
Chinese Album. White. 2 ft. July.....	1.25	10.00
Chinese Blue. Blue. 2 ft. July.....	1.25	10.00
Formosum. Dark blue, white center. 4 ft. All summer.....	1.25	10.00
Indigo. Darkest blue. 4 ft. All summer.....	1.50	12.00
Summer Cloud. White. Makes good cut flower. 4 ft. All summer.....	1.85	15.00
Vaughan's Gold Medal Hybrids. Mixed colors. 4 ft. All summer.....	1.85	15.00
Wrexham Hollyhock Flowered. Choice hybrid mixture. 5 ft. All summer.....	2.50	20.00

Less than five, double the rate per hundred. All varieties followed by X are suitable for rock gardens.

Vaughan's Cannas

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

Price for Dormant Roots up to APRIL 1st, after which pot plants are ready. All have green foliage unless otherwise specified; 25 at 100 rate; 250 at 1000 rate. Not less than 25 sold wholesale. Four-inch pot plants of all varieties can be furnished at \$3.00 extra per 100.

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... Per 100 \$ 4.00 Per 1000 \$35.00
3-inch pot plants... 12.00 100.00

***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
3-inch pot plants... 12.00 100.00

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
3-inch pot plants... 12.00 100.00

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... 6.50 55.00
3-inch pot plants... 13.00 115.00

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
3-inch pot plants... 12.00 100.00

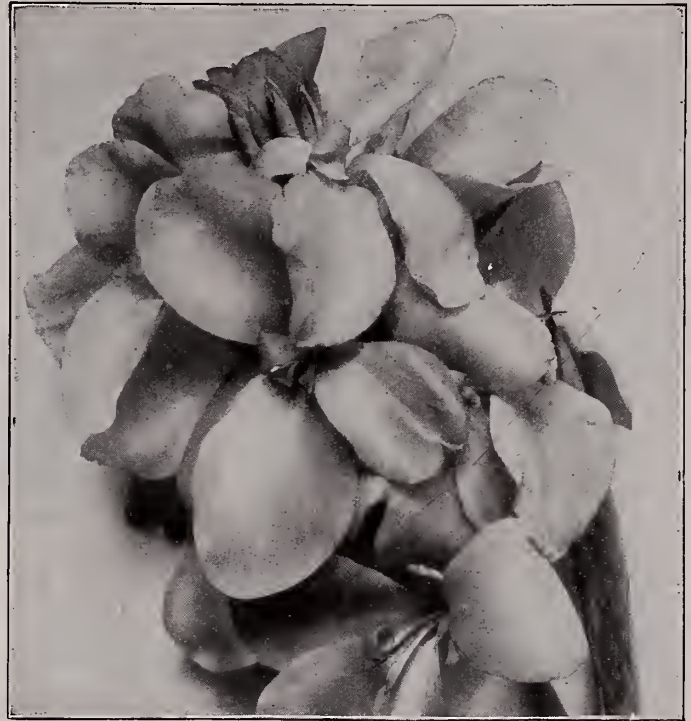
APRICOT. 4 ft. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. Dormant Roots... 4.00 36.00
3-inch pot plants... 12.00 100.00

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... 6.50 55.00
3-inch pot plants... 13.00 115.00

DR. E. ACKERNECHT. 4 ft. Large flowers in a loose truss. Rich cerise pink flecked with deeper carmine. Petals broad and large. Dormant Roots... 3.50 30.00
3-inch pot plants... 12.00 100.00

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
3-inch pot plants... 14.00 125.00

GAJETTY. 4 ft. Scarlet-orange mottled with Carmine and edged clear yellow. A handsome variety... 3.50 30.00
3-inch pot plants... 12.00 100.00



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

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... Per 100 \$ 8.00 Per 1000 \$ 65.00
3-inch pot plants... 16.00 150.00

***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
3-inch pot plants... 12.00 100.00

Standard Varieties

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

CHAS. HENDERSON. 4 ft. Bright crimson

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

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

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

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

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

Price of each of above varieties except when noted. Per 100 Per 1000
Dormant Roots... \$3.00 \$27.50
3-inch pot plants... 12.00 100.00

***WINTZER'S COLOSSAL.** 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy. Dormant Roots... 4.00 35.00
3-inch pot plants... 12.00 100.00

If any varieties wanted in 4-inch pot plants, add three cents each to prices for 3-inch.

*All marked * are Orchid-Flowering Varieties

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 3 to 5 eyes while the stock lasts.

WHITE AND LIGHT SORTS

7.8 **Duc de Wellington.** Very large, well-formed Each sulphur-white bloom stems very firm and long... \$0.30 10 100
\$ 2.00 \$ 18.00

8.1 **Duchess de Nemours.** (Calot.) Sulphur-white with greenish reflex, cup-shape... .35 2.20 18.00

9.1 **Francis Willard.** Exquisite bluish-white. Of good substance and a fine cut-flower variety... 1.50 12.50 100.00

9.3 **Festiva Maxima.** Very popular large white... .35 2.50 20.00

7.9 **Madame de Verneville.** Delicate rose-white, one of the most desirable for all purposes. June rose fragrance... .30 2.50 18.00

9.7 **Solange.** Deep cream, tinged with amber. Late... 1.75 15.00

9.4 **Tourangelles.** Pearl-white overlaid with delicate shades of salmon... 1.75 15.00

LIGHT AND DARK PINK AND ROSE

7.7 **Dorchester.** Creamy flesh-color, tinged with pink... .35 3.00 20.00

8.9 **Georgiana Shaylor.** Pale rose-pink; midseason... 1.50 12.00 100.00

9.2 **M. Jules Elie.** The best pink... .75 5.50 45.00

8.5 **Octavie Demay.** Delicate hydrangea-pink. Dwarf... .60 5.00 35.00

8.7 **President Taft.** (Reine Hortense.) Delicate hydrange-pink. Fine for cut-flowers... 1.00, \$350.00 .60 5.00 40.00

9.8 **Therese.** Violet-rose, changing to lilac-white; mid-season... 2.00 15.00

RED AND CRIMSON

	Each	10	100
7.8 E. G. Hill. Carmine rose; early midseason...	\$1.00	\$9.00	\$75.00
8.4 Felix Crousse. Best red for florists...	.50	4.00	35.00
8.2 Grover Cleveland. Rich dark crimson late...	.75	5.00	40.00
8.8 Karl Rosenfield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early...	.75	5.00	40.00
6.9 Louis Van Houtte. Deep carmine-rose...	.35	2.50	22.50
7.5 Marechal Valliant (Grandiflora Rubra). Light red, resembling the American Beauty Rose...	.35	3.00	25.00
8.7 Mary Brand. Vivid crimson of immense size...	1.00	9.00	75.00
8.6 Officialis Rubra Plena. Old-fashioned red...	.50	4.50	40.00
8.8 Richard Carvel. Very early, deep red...	1.75	15.00	125.00
Tenuifolia Flora Plena. (Double Fern-leaf Peony) Brilliant dark crimson. Very early...	1.50	10.00	.....

UN-NAMED PEONIES—Divided Roots of from 3 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. These cases contain 75 double white, 75 double pink, and 50 double red, each color separate—200 roots in all; 3 to 5 eye divisions.

Price per case, \$28.00. We cannot divide cases.



POMPON VARIETY



CAPRICE TYPE



LARGE FLOWERING HARDY

Vaughan's Chrysanthemums

Chrysanthemums are becoming more popular every year; the varieties listed on this page are among the best. There is a large and growing demand for good outdoor types. The selling season for pot plants and cut pompons extends from September until late in December.

Hardy Chrysanthemums

Large Flowering

- A. Barham. Orange Bronze. Matures Oct. 5.
- Carrie. Deep Yellow. Matures Aug. 20.
- Eden. Bright Rose. Matures Oct. 1.
- Firefly. Reddish Bronze. Matures Oct. 10.
- Greystone. Golden Orange. Matures Oct. 5.
- Harvest Home. Bronzy Yellow. Matures Oct. 1.
- Idolf. Salmon Pink. Matures Sept. 25.
- Fields of Snow. White. Matures Sept. 25.
- Murillo. Rose Pink. Matures Oct. 5.
- Winnetka. White. Matures Oct. 10.
- Wolverine. Bright Yellow. Matures Aug. 20.

Baby or Button Type

- Metzi. Bronze. Matures Oct. 15.
- Rodell. Yellow. Matures Oct. 15.
- Skibo. Bronze. Matures Oct. 20.

All Hardy Rooted Cuttings.....	100	1000
	\$6.00	\$55.00
All Hardy 2 1/4" Pots.....	8.00	75.00

Greenhouse Varieties

Exhibition Types

	Rooted Cuttings	
	Per 100	Per 1000
Earl Kitchner. Bronze. Matures Nov. 5.....	\$6.00	\$55.00
Turner, Bronze. Light Bronze. Matures Nov. 5.....	6.00	55.00
Turner, Pink. Pink. Matures Nov. 5.....	6.00	55.00
Turner, White. White. Matures Nov. 5.....	6.00	55.00
Turner, Yellow. Yellow. Matures Nov. 5.....	6.00	55.00

Large Commercial

	Rooted Cuttings	
	Per 100	Per 1000
Betsy Ross. White. Matures Nov. 5.....	\$ 4.00	\$35.00
Citronella. Yellow. Matures Oct. 25.....	4.00	35.00
Detroit News. Bronze. Matures Oct. 25.....	4.00	35.00
Friendly Rival. Bright Yellow. Matures Thanksgiving.....	5.00	45.00
Gladys Pearson. Light Bronze. Matures Nov. 20-25.....	4.00	35.00
Gold Lode. Yellow. Matures Oct. 1.....	4.00	35.00
Hilda H. Bergen. Mahogany Bronze. Matures Oct. 25.....	7.00	65.00
Indianola. Bronze. Matures Oct. 8.....	5.00	45.00
J. W. Prince. Bright Pink. Matures Nov. 1.....	4.00	35.00
Lustre. Pink. Matures Oct. 8.....	5.00	45.00
Mistletoe, Bronze. Bronze. Matures Dec.....	4.00	35.00
Mistletoe, Pink. Pink. Matures Dec.....	4.00	35.00
Mistletoe, White Imp. White. Matures Dec.....	15.00	140.00
Mistletoe, Yellow. Yellow. Matures Dec.....	4.00	35.00
Mrs. R. M. Calkins. Yellow. Matures Nov. 25-30.....	4.00	35.00
Pride of Richmond. Pink. Matures Nov. 5.....	7.00	65.00
Quaker Maid. White. Matures Oct. 5.....	4.00	35.00
Richmond. Yellow. Matures Nov. 1.....	4.00	35.00
Sun Glow. Yellow. Matures Oct. 25.....	4.00	35.00
Sun Gold. Yellow. Matures Thanksgiving.....	4.00	35.00
Thanksgiving Pink. Dark Pink. Matures Thanksgiving.....	4.00	35.00
Tom Browne. White. Matures Nov. 20-30.....	7.00	65.00
Whittier. Yellow. Matures Nov. 15.....	4.00	35.00

Pompons

	Rooted Cuttings	
	Per 100	Per 1000
Alecia. Bronze. Matures Oct. 30.....	\$7.00	\$65.00
Aloma (Single). Bronze. Matures Oct. 15.....	6.00	55.00
Bronze Cup (Anemone). Matures Nov. 10.....	15.00	140.00
Bucena. Light Bronze, 1 1/2 in. diameter. Matures for Thanksgiving.....	4.00	35.00
Chicago Pearl. White. Matures for Thanksgiving.....	4.00	35.00
Christmas Gold. Bright Yellow. Matures Dec. 1.....	4.00	35.00
Clorinda. Bronze. Matures for Thanksgiving.....	4.00	35.00
Cora Peck Buhl. Yellow. Matures Oct. 25.....	4.00	35.00
Dorothy Turner. Bronze. Matures for Thanksgiving.....	8.00	75.00
Dream (Single). Matures for Thanksgiving.....	4.00	35.00
Frank Wilcox, Jr. Bronze. Matures for Thanksgiving.....	4.00	35.00
Garza Supreme (Anemone). White. Matures late Dec.....	5.00	45.00
Gold Tips. Bronze and Yellow. Matures for Thanksgiving.....	12.00	100.00
Golden Crest. Yellow. Matures Nov. 15.....	4.00	35.00
Golden Sceptre. Bright Yellow, 2 in. in diameter. Matures Nov. 25.....	4.00	35.00
Golden State (Anemone). Pale yellow. Matures Nov. 20.....	4.00	35.00
Izola (Anemone) Amaranth Matures Nov. 1.....	4.00	35.00
Lindy. Copper Bronze. Matures Nov. 10.....	4.00	35.00
Louise Davenport. Bronze. Matures Nov. 10.....	4.00	35.00
Melba (Single). Bronzy Red. Very good. Matures Nov. 5.....	6.00	55.00
Mintje, Orange Bronze. Matures Oct. 18.....	8.00	75.00
Mrs. Beu. Bronze. Matures for Thanksgiving.....	4.00	35.00
Mrs. E. D. Godfrey. Light Pink Single. Matures for Thanksgiving.....	4.00	35.00
Murray Hill Beauty (Single). Old Rose. Matures for Thanksgiving.....	4.00	35.00
New York. Bronze. Matures Nov. 25.....	4.00	35.00
Rodell. Yellow. Matures Oct. 20.....	4.00	35.00
Rose Royal (Anemone). Violet Rose. Matures Nov. 15.....	4.00	35.00
Sunshine (Anemone). Yellow. Matures for Thanksgiving.....	4.00	35.00
Usona. Pink. Matures for Thanksgiving.....	4.00	35.00
White Wings. White. Matures Oct. 10.....	4.00	35.00
Yuletide Yellow. Yellow. Matures about Dec. 10.....	4.00	35.00
Yuletide White. White. Matures Dec. 10.....	4.00	35.00

Pot Plant Varieties

- Butler's Caprice. Deep Pink. Matures Oct. 20.
- Dorothy Turner. Bronze. Matures Nov. 25.
- Improved Yellow Caprice. Yellow. Matures Nov. 15.
- Katheleen Thompson. Crimson. Matures Oct. 20.
- Lilac Caprice. Deep Lilac. Matures Oct. 20.
- Patty Pink. Pink. Matures Dec. 1.
- Purple Caprice. Purple. Matures Oct. 20.
- Rodell. Yellow button. Matures Oct. 20.
- White Caprice. White. Matures Oct. 20.
- W. H. Lincoln. Yellow. Matures Nov. 10.

	Per 100	Per 1000
All Pot Plant Varieties—Rooted Cuttings.....	\$6.00	\$55.00
All Pot Plant Varieties—2 1/4" Pots.....	8.00	70.00

Vaughan's Roses for Florists

DORMANT 2 YR. FIELD. From November 1st to April 15th we can supply strong, healthy, two-year field grown stock suitable for outdoor planting or for potting. All our roses are carefully graded two-year stock with strong healthy canes and heavy roots.

POT GROWN FOR SPRING SALES. Many varieties in 5" or 6" pots, in leaf and roots well established, ready May 1st and available all summer. There is a constantly increasing demand for pot grown roses. Five or more of one variety takes the 10 rate. Twenty-five or more of one variety takes the 100 rate. Packing extra at cost.

Choice Hybrid Tea Varieties

PRICES listed are for two-year No. 1, field grown, dormant plants. Pot-grown plants, ready May 1st, can be supplied at prices marked.

DAME EDITH HELEN. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems. Two-year dormant: Each, 60c; 10, \$5.00; 100, \$40.00. Pot-grown: Each, \$1.00; 10, \$9.00.

MRS. A. R. BARRACLOUGH. One of the finest new roses with long tapering buds and blooms of bright but sparkling carmine-pink of an even tone passing to yellow at the base of the petals. Two-year dormant: Each, 60c; 10, \$5.00; 100, \$40.00. Pot-grown: Each, \$1.10; 10, \$10.00.

MRS. ERSKINE PEMBROKE THOM. The best yellow garden variety. The fine long buds open into perfectly shaped, open flowers of rich lemon yellow. Very vigorous and continuously in bloom. Two-year dormant: Each, 70c; 10, \$6.00; 100, \$50.00. Pot-grown: Each, \$1.10; 10, \$10.00.

MRS. LOVELL SWISHER. Long shapely buds and magnificent flowers of salmon-pink deepening toward the center. Delightfully tea-scented. Two-year dormant: Each, 60c; 10, \$5.00; 100, \$40.00. Pot-grown: Each, \$1.10; 10, \$10.00.

TALISMAN. Famous for its unique and wonderful coloring; shades of deep gold, apricot yellow and deep pink indescribably blended into a rose of perfect shape and splendid fragrance. Two-year dormant: Each, \$1.00; 10, \$9.00; 100, \$75.00. Pot-grown: Each, \$1.75; 10, \$16.00.

Standard Varieties

PRICES of the following: Two-year No. 1, field grown, dormant plants. Each, 50c; 10, \$4.00; 100, \$35.00. Pot-grown, ready May 1st: Each, 95c; 10, \$9.00.

GENERAL MACARTHUR. Rich crimson scarlet, very fragrant. One of the best bedding Roses.

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

HADLEY. Rich crimson, velvety appearance, lovely shape and fragrant. Blooms well in fall.

KAISERIN AUGUSTE VICTORIA. Delicate creamy white flowers of beautiful form.

LADY HILLINGDON. Lovely shaped flowers of deep saffron-yellow, beautifully shaded towards the edges.

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.

MME. CAROLINE TESTOUT. Bright satiny rose edged silvery rose. A very popular variety.

RADIANCE. Bright rose-pink, shining flowers of wonderful shape and fragrance, very popular variety.

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

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

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.

Polyantha and Baby Roses

PRICES of the following: Two-year No. 1, field grown, dormant plants: Each, 50c; 10, \$4.00; 100, \$35.00.

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

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.

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

GARDENIA. Buds yellow, creamy-white flowers with white centers. Vigorous grower and very hardy. Each, 50c; 10, \$4.00; 100, \$35.00.

HIAWATHA. Small single flowers dazzling red with white eye. Large clusters. Each, 45c; 10, \$3.50; 100, \$30.00.

MARY WALLACE. The attractive new climber originated by the late Dr. Van Fleet. Semi-double, bright clear rose-pink, salmon at base of petals. Each, 50c; 10, \$4.00; 100, \$35.00.

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. Each, 50c; 10, \$4.00; 100, \$35.00.

ROSERIE. True cerise-pink, strong grower and good producer. A sport from Tausendschoen. Each, 45c; 10, \$3.50; 100, \$30.00.

SILVER MOON. Large creamy buds, produced in small sprays. Plant vigorous, growing 15-20 ft. in a season. A great cover. Each, 50c; 10, \$4.00; 100, \$35.00.

WHITE DOROTHY. The counterpart of the Pink Dorothy Perkins, except color, being pure white. Each, 40c; 10, \$3.00; 100, \$20.00.

New Climbing Roses

PRIMROSE. A pure yellow, hardy climbing rose. Its large, double flowers are a soft, rich primrose yellow, and are borne in clusters of 4 and 5 on an extremely vigorous plant, with beautiful foliage. Each, \$1.00; 10, \$9.00; 100, \$75.00.

MME. GREGOIRE STAEHELIN. This new variety is the aristocrat of the climbing roses. Its beautiful flowers are of an enormous size and in color are an iridescent pearl-pink, splashed with carmine. Delightfully fragrant. Hardy vigorous grower with large disease-resistant foliage. Each, \$1.00; 10, \$9.00; 100, \$75.00.

Hardy Hybrid Perpetual Roses

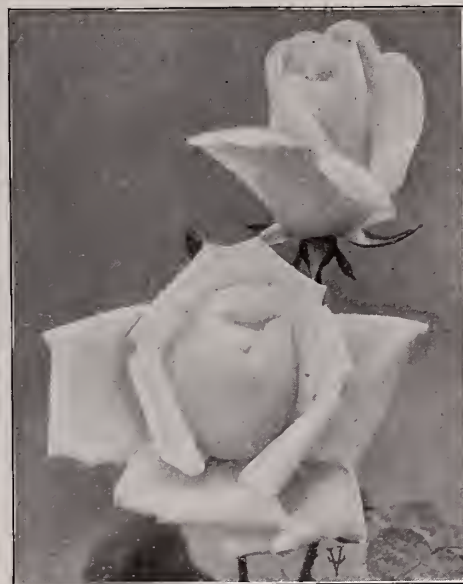
PRICES of the following: Two-year No. 1, field grown, dormant plants: Each, 50c; 10, \$4.00; 100, \$35.00. Pot-grown, ready May first: Each, 90c; 10, \$8.50.

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

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

GEN. JACQUEMINOT. Bright and shining crimson.

GEO. ARENDS. Clear soft pink.



SOUVENIR DE CLAUDIUS PERNET

Climbing Roses

PRICES listed are for two-year, field grown, dormant plants. Pot-grown plants, ready May 1st, can be supplied as follows: Each, 90c; 10, \$8.50.

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. Each, 45c; 10, \$3.50; 100, \$30.00.

CLIMBING AMERICAN BEAUTY. Large double rosy crimson, flowers freely, produced in June and occasionally throughout the season. Each, 50c; 10, \$4.00; 100, \$35.00.

CLIMBING BABY RAMBLER. Scarlet flowers in clusters, dark foliage. Each, 50c; 10, \$4.00; 100, \$35.00.

CRIMSON RAMBLER. Scarlet-red flowers borne in sprays. Vigorous grower. One of the best for covering a trellis, porch or unsightly fence. Each, 50c; 10, \$4.00; 100, \$35.00.

DR. W. VAN FLEET. A delicate shade of flesh-pink, deepening in the center. Each, 50c; 10, \$4.00; 100, \$35.00.

DOROTHY PERKINS. The best of the pink ramblers. Each, 40c; 10, \$3.00; 100, \$25.00.

EUGENE JACQUET. Almost every eye produces a handsome truss of fragrant, cherry-red flowers. It flowers a week earlier than Tausendschoen or Roserie. Each, 45c; 10, \$3.50; 100, \$30.00.

EXCELSA. Deep crimson and scarlet, large full trusses. Each, 40c; 10, \$3.00; 100, \$25.00.

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. Each, 50c; 10, \$4.00; 100, \$35.00.



CRIMSON BABY RAMBLER

J. B. CLARK. Intense scarlet.

MRS. JOHN LAING. Bright, shining pink.

PAUL NEYRON. Deep rose.

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

ULRICH BRUNER. Cherry crimson.



RASPBERRY Latham or Minnesota No. 4 (Red)

Small Fruits

- BLACKBERRY** Eldorado, Snyder. 75c per 10; \$5.00 per 100.
GRAPE Agawam, Catawba, Diamond, 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; Hubbard, 2-yr., \$4.50 per 10.
RASPBERRIES Cumberland, St. Regis, 60c per 10; \$5.00 per 100. Golden Queen, Latham, Quillen, Royal, Victory, 80c per 10; \$6.00 per 100.

Fruit Trees

APPLES

2-year trees, 4 to 5 ft., $\frac{1\frac{1}{2}}$ to 1 in. caliper, each 50c; per 10, \$4.50; per 100 \$35.00. 3-year old trees, 6 to 7 ft., 1 to $\frac{1}{4}$ in. caliper, each 75c; per 10, \$6.50; per 100, \$50.00.

Banana, Delicious, Duchess, Grimes Golden, Maiden Blush, Northwestern Greening, Wagener, Yellow Transparent.

CHERRIES

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

PEARS

2-year trees, 4 to 6 ft., $\frac{1\frac{1}{2}}$ to 1 in. caliper, each 60c; per 10, \$5.00; per 100, \$45.00.

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 50c; per 10, \$4.50; per 100, \$35.00.

Monitor, Opata, Sapa, Terry, Underwood, Waneta.

SPECIMEN FRUIT TREES

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 Vigor Strawberry Plants

Grown in Northern Michigan's Ideal Fruit Soil and Climate—Not for shipment after May 15.

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, \$1.45; 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, \$1.60; 500, \$5.00; 1000, \$9.00.

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, \$7.00; 1000, \$13.50.

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, \$7.00; 1000, \$13.50.

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.

Fargo, North Dakota, April 17th, 1930

Vaughan's Seed Store, Chicago, Illinois.

It is my pleasure to report that the Giganteum Easter Lily bulbs received from you have turned out exceptionally well this year. We hope that we may have the same grade of bulbs for next year.

SHOTWELL FLORAL CO.

Carrot

Table listing Carrot varieties such as Danvers Half Long, Chantenay, and Very Early Scarlet Forcing with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Useful Vegetables

Table listing various useful vegetables including Chervil, Chicory, Corn Salad, Cress, and Collards with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Cauliflower

Vaughan's Extra Select Snowball, pkt., 25c; 1/4 oz., \$1.00; oz., \$3.00; 1/4 lb., \$10.00.

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 and we have never yet come across anything superior to Vaughan's New Snowball.

Vaughan's Earliest Dwarf Erfurt

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

Dry Weather

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

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads.

Table listing Danish Snowball varieties like Extra Early Paris, Lenormand's Short Stem, and Autumn Giant with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Celery

Table listing Celery varieties such as Golden Phenomenal, Giant Pascal, and Paris Golden Self-Blanching with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Sweet Corn

Table listing Sweet Corn varieties like Golden Bantam, Vaughan's Mammoth White Cory, and Whipple's Early Yellow with prices in 2 lbs, 10 lbs, and 100 lbs.

Cucumbers

Table listing various Cucumber varieties including Evergreen, Davis Perfect, and Improved White Spine with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Dandelion—Thick Leaved or Cabbaging. Pkt., 25c; oz., \$1.00. Common. Pkt., 10c; oz., 40c; lb., \$3.00.

Dill—Oz., 15c; 1/4 lb., 25c; lb., 75c.

Egg Plant

Table listing Egg Plant varieties like Black Beauty, Vaughan's Improved N. Y. Purple, and Florida High Bush with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Endive

Table listing Endive varieties such as Green Curled Panclier, Green Curled Summer, and Ever White Curled with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

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

Herbs—Some very short. Write for pound prices.

For complete list see Retail Catalogue.

Kale or Borecole

Table listing Kale or Borecole varieties like Dwarf Green Scotch, Dwarf Green Curled, and Vaughan's Excelsior Moss Curled with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Kohlrabi

Table listing Kohlrabi varieties like Short-leaved Early Erfurt, Early White Vienna, and Early Purple Vienna with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Leek

Table listing Leek varieties like Broad Scotch or London Flag and Large Musselburg with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Lettuce

Leaf Varieties

Table listing Leaf Varieties like Black-Seeded Simpson, Grand Rapids Forcing, and Early Curled Silesia with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Cabbage and Head Varieties

Table listing Cabbage and Head Varieties such as Vaughan's All Seasons, May King, and Mammoth Black Seeded Butter with prices in Oz, 1/4 lb, Lb, and 5 Lbs.

Muskmelon

	Oz.	¼ lb.	Lb.
Vaughan's Improved Milwaukee	\$0.20	\$0.60	\$2.00
Extra Early Osage. (Vaughan's Selected)	.20	.50	1.75
Hoodoo, Introducer's Strain	.20	.60	2.00
Paul Rose	.15	.40	1.25
Osage, Vaughan's Original Stock	.20	.60	2.00
Standard Stock	.15	.40	1.25
Special Shipping	.20	.60	2.00
Rocky Ford, Vaughan's Selected Stock	.15	.45	1.50
Emerald Gem. One of the sweetest	.15	.40	1.25
Tip Top. A very fine market melon	.15	.50	1.50
Osage Gem	.15	.40	1.25
Improved Jenny Lind	.10	.30	1.00
Extra Early Hackensack. Best strain	.15	.40	1.25
Montreal Market Nutmeg. Very large	.15	.40	1.25
Banana	.15	.40	1.25
Honey Dew	.20	.60	1.75
Mango Melon or Vegetable Orange (Vine Peach)	.20	.60	2.00
Pollock-10-25	.15	.40	1.25
Edwards Perfecto. (New)	.15	.45	1.50
Bender's Surprise. (New)	.15	.50	1.50
Sweet Air (Early Knight)	.15	.40	1.40
Vaughan's New Okra	.20	.50	1.50
Golden Champlain	.20	.60	1.75
Rittenhouse	.20	.60	1.75
Honey Rock	.25	.75	2.25
Hale's Best	.15	.45	1.50

Martynia—For Pickles .35

The young seed pods make fancy pickles.

Watermelon

	Oz.	¼ lb.	Lb.
Citron	.15	.30	1.00
Cuban Queen	.15	.30	1.00
Florida Favorite	.15	.30	1.00
Early Fordhook	.15	.30	1.00
Halbert Honey	.15	.30	1.00
Rattlesnake	.15	.30	1.00
Harris Earliest	.15	.30	1.00
Peerless or Ice Cream	.15	.30	1.00
Phinney's Improved	.15	.30	1.00
Mountain Sweet	.15	.30	1.00
Melver's Sugar	.15	.30	1.00
Alabama Sweets	.15	.30	1.00
Kleckley Sweets	.15	.30	1.00
Vaughan's Black Diamond	.15	.30	1.00
Sweetheart	.15	.30	1.00
Winter	.15	.30	1.00
New Chilean	.15	.30	1.00
Tom Watson	.15	.30	1.00
Cole's Early	.15	.30	1.00
Irish Gray	.15	.30	1.00
Excel	.15	.30	1.00
New Wonder	.15	.40	1.35
Stone Mountain	.20	.50	1.50

Mustard

	Oz.	¼ lb.	Lb.	10 Lbs. Per lb.
White London	\$0.10	\$0.20	\$0.60	\$0.50
Giant Southern Curled	.15	.25	.75	.60
Chinese Smooth Leaved	.15	.25	.75	.60
Fordhook Fancy	.15	.25	.75	.60
Florida Broad Leaved	.15	.25	.75	.60
Tender Green (See Spinach)				

Mushroom Spawn

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

- 7. Brown (Bohemia) hardy, good producer, very heavy.
- 8. Cream-White, Mammoth Strain.
- 9. White (Alaska) Mammoth Strain.

(Bricks weigh approximately 1 lb.)

1 Brick	5 Bricks	10 Bricks	25 Bricks	100 Bricks
35c	\$1.50	\$2.50	\$5.50	\$19.00

Lambert's New Process Bottle Spawn. Write for circular. \$1.35 per bottle; \$12.00 per case.

Okra

White Velvet, Dwarf, Tall or Perkins' Mammoth	Oz.	¼ lb.	Lb.
Prices of all of the above	\$0.10	\$0.25	\$0.75

Onion

	¼ lb.	Per lb.	10 lbs. Per lb.	25 lbs. Per lb.	100 lbs. Per lb.
Large Red Wethersfield	\$0.50	\$1.25	\$1.15	\$1.00	\$0.90
Southport Red Globe	.65	2.10	2.00		
Southport Yellow Globe, California-grown	.65	2.00	1.75		
Southport Yellow Globe, our own Eastern-grown	.85	2.50	2.25		
Ideal Southport White Globe	.90	3.25	3.00		
Ailsa Craig	.75	2.50			
Australian Brown Flat	.50	1.25	1.15	1.00	.90
Giant Gibraltar	.75	2.50	2.25		
Denia (Sweet Spanish) Riverside	1.00	3.75	3.50		
Mammoth Silver King	.85	2.75	2.50		
Ohio Yellow Globe	.60	2.00	1.90		
Bermuda Yellow	.75	2.50	2.35		
Bermuda Crystal White Wax	1.25	4.00	3.75		
Prizetaker	.65	2.10	2.00		
White Barletta	.65	2.25	2.00		
White Queen	.65	2.25	2.00		
White Portugal	.50	1.60	1.45	1.35	1.25
Early White Welsh	.90	3.00			
Yellow Globe Danvers	.65	2.10	2.00		
Fancy Yellow Globe Danvers	.75	2.25	2.15		

Onion—Continued

	¼ lb.	Per lb.	10 lbs. Per lb.	25 lbs. Per lb.	100 lbs. Per lb.
Yellow Strassburg	\$0.50	\$1.25	\$1.15	\$1.00	\$0.90
Vaughan's Special Yellow Globe (Early Mountain Danvers)	.75	2.35	2.25		
Early Flat Red	.90	3.00			
Early Flat Danvers	.50	1.25	1.15	1.00	.90
Japanese or Ebenezer	.50	1.50	1.35	1.25	1.15
White Pearl	.65	2.10	2.00		
White Bunch	.90	3.00	2.75		

Peas

	2 lbs.	10 lbs.	100 lbs.
Alaska	\$0.40	\$1.70	\$15.00
Alderman	.50	2.20	20.00
American Wonder	.50	2.20	20.00
Ameer	.50	1.90	17.00
Black-Eyed Marrowfat	.45	1.80	16.00
Champion of England	.50	2.00	18.00
Dwarf Defiance	.60	2.40	22.00
Dwarf Gray Sugar	.50	2.25	20.00
Dwarf Telephone or Daisy (ex. choice)	.60	2.40	22.00
Extra Early Prem. Gem. or Little Gem	.50	2.00	18.00
Everbearing	.50	2.00	18.00
First and Best	.45	1.90	17.00
Gradus, Vaughan's re-selected	.50	2.20	20.00
Horsford's Market Garden	.45	1.80	16.00
Juno or Dwarf Champion	.50	2.00	18.00
Laxtonian	.50	2.20	20.00
Laxton's Progress (New)	.60	2.40	22.00
Little Marvel	.60	2.40	22.00
Mammoth Podded Sugar	.70	2.70	25.00
Nott's Excelsior. One of the best earlies	.50	2.00	18.00
Quite Content	.60	2.40	22.00
Improved Stratagem	.60	2.40	22.00
Surprise. Fine extra early	.60	2.20	20.00
Sutton's Excelsior	.50	2.00	18.00
Telephone. Vaughan's Improved	.50	2.20	20.00
Thomas Laxton	.60	2.40	22.00
Vaughan's Top O' the Morn. Large podded, dwarf	.60	2.00	18.00
White Marrowfat. Large	.40	1.60	14.00

Parsley

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled	\$0.15	\$0.35	\$1.00
Double Curled	.15	.35	1.00
Fern Leaved	.15	.40	1.25
Plain	.15	.35	1.00
Hamburg Rooted	.20	.45	1.50
Vaughan's XXX	.15	.40	1.25

Parsnip

	Oz.	¼ lb.	Lb.
Long Smooth, Hollow Crown	\$0.15	\$0.35	\$1.00
Improved Guernsey	.15	.35	1.00
Magnum Bonum	.15	.35	1.00
Vaughan's Intermediate	.15	.35	1.00
Vaughan's Marrowfat	.15	.35	1.00

Pepper

	½ oz.	Oz.	¼ lb.
Vaughan's Magnum Dulce. Largest	\$0.50	\$0.75	\$2.15
Vaughan's Sweet Mountain	.30	.45	1.25
Bullnose (Hot)	.30	.45	1.25
Large Bell (Sweet)	.30	.45	1.25
Neapolitan	.30	.45	1.25
Cayenne. Long Red	.30	.45	1.25
Chinese Giant	.50	.75	2.00
Crimson Giant	.50	.75	2.00
Mammoth Golden Queen	.50	.75	2.25
Red Cherry	.30	.50	1.50
Red Cluster	.30	.50	1.50
Red Chili	.35	.60	1.75
Ruby King	.30	.45	1.25
New Sweet Upright Salad	.50	.75	2.00
Pimento	.30	.45	1.25
Tabasco	.50	.75	2.00
Hungarian	.90	1.50	5.00
Harris Giant	.50	.75	2.00
Worldbeater	.30	.45	1.25
Sweet Spanish Monstrous	.40	.65	1.75
Royal King	.30	.50	1.50
Ruby Giant	.30	.50	1.50
California Wonder	.50	1.00	3.50

Pumpkin

	Oz.	¼ oz.	Lb.
Winter Queen, or Winter Luxury	\$0.15	\$0.40	\$1.25
Vaughan's Mammoth Prize	.15	.45	1.50
Calhoun	.15	.40	1.25
Golden Oblong	.15	.40	1.25
Japanese Pie	.15	.40	1.00
Large Cheese	.15	.25	.75
Large Connecticut Field or Big Tom	.15	.25	.75
Large Tours or Mammoth French	.15	.45	1.40
Quaker Pie	.15	.40	1.25
Sweet Potato	.15	.40	1.25
Cushaw, White	.15	.40	1.25
Cushaw, Striped	.15	.40	1.25
Vaughan's Small Sugar Pie	.15	.30	1.00

Radish

	Oz.	¼ lb.	Lb.	100 lbs. Per lb.
Cincinnati Market. Long Scarlet	\$0.10	\$0.30	\$0.75	
Crimson Giant Forcing	.15	.35	1.00	
Earliest White Olive	.15	.35	1.00	
Earliest White Turnip (White Box)	.15	.30	.90	
Improved Early Scarlet Globe, Vaughan's Select	.15	.35	1.00	
Early Scarlet Globe, American	.10	.30	.80	\$0.60
Early Deep Scarlet Turnip	.10	.30	.80	
Early Scarlet Globe, White Tip	.10	.30	.90	

Radish—Continued

	Oz.	¼ lb.	Lb.	100 lbs. Per lb.
Saxa. Earliest Round Red.....	\$0.15	\$0.35	\$1.00	.....
Early Long Scarlet Short Top.....	.15	.35	1.00	.....
White Stuttgart.....	.15	.35	1.00	.....
Improved French Breakfast.....	.10	.30	.75	.....
Vaughan's Giant Butter Radish.....	.15	.35	1.00	.....
Golden Yellow Summer.....	.15	.35	1.00	.....
Half Long Deep Scarlet.....	.10	.30	.80	.....
Improved Chartier.....	.10	.30	.80	.....
Brightest Long Scarlet (Cardinal).....	.10	.30	.80	.....
White Strassburg.....	.15	.35	1.00	.....
Long White Vienna.....	.10	.25	.75	.....
Non Plus Ultra.....	.10	.30	.80	.....
Vaughan's 20-Day Forcing. Early. Olive-shape.....	.15	.30	.80	.....
Scarlet Turnip, White Tip (Sparkler).....	.10	.25	.70	\$0.60
Scarlet Turnip, White Tip (American).....	.10	.20	.60	.....
Vaughan's All Seasons.....	.10	.30	.90	.....
Vaughan's Cardinal Forcing.....	.15	.35	1.00	.....
Vaughan's Olive Crystal.....	.15	.35	1.00	.....
White Icicle. The earliest long white.....	.10	.25	.75	.70

Winter Varieties

Chinese Mammoth or Celestial.....	.15	.35	1.00	.....
California Mammoth Winter.....	.15	.35	1.00	.....
Half Long Black Winter.....	.15	.35	1.00	.....
Long White Spanish.....	.15	.35	1.00	.....
Long Black Spanish.....	.15	.35	1.00	.....
Rose, or Scarlet China Winter.....	.15	.35	1.00	.....
Round Black Spanish.....	.15	.35	1.00	.....
The Munich.....	.15	.35	1.00	.....
Sakurajima.....	.20	.65	1.50	.....

Rhubarb

	Oz.	¼ lb.	Lb.
Vaughan's Mammoth.....	\$0.15	\$0.35	\$1.00
Roots. 1-year, per 100, \$4.00; 2-year, per 100, \$7.50; 3-year, per 100, \$15.00.			

Horse Radish

Per 100, \$2.00; per 1,000, \$15.00; 5,000, per 1,000, \$12.00.

Salsify

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island.....	\$0.25	\$0.75	\$2.50
Scorzoner, or Black Salsify.....	.25	.75	2.50

Sorrel

French.....	.25	.50	1.50
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Spinach

	Lb.	10 lbs. Per lb.	25 lbs. Per lb.	100 lbs. Per lb.
New Long Standing Bloomsdale.....	\$0.35	\$0.28	\$0.25	\$0.22
Bloomsdale or Norfolk, Savoy-Leaved.....	.30	.25	.22	.20
Extra Large Round-Leaved.....	.30	.25	.22	.20
Monstrous-Leaved Viroflay.....	.30	.25	.22	.20
Long Standing.....	.30	.25	.22	.20
Vaughan's Giant Fill Basket.....	.30	.25	.22	.20
Prickly Seeded.....	.30	.25	.22	.20
Princess Juliana, Long Standing.....	.35	.28	.25	.22
Virginia, Blight Resistant.....	.35	.28	.25	.22
Victoria.....	.30	.25	.22	.20
Vaughan's Triumph.....	.30	.25	.22	.20
Tetragonia, or New Zealand.....	.75	.....	.....	.....
Antvorskov (Danish King).....	.35	.28	.25	.22
Vaughan's Special.....	.35	.28	.25	.22
Gandy L. S.....	.30	.25	.22	.20
Broad-Leaved Flanders.....	.30	.25	.22	.20
Perpetual Spinach Beet, See Swiss Chard.				
Tendergreen, ¼ lb., 35c; Lb., \$1.00.				

Swiss Chard

	Oz.	¼ lb.	Lb.
Cut and Come Again.....	\$0.10	\$0.25	\$0.80
Lucullus.....	.10	.30	.85
Lyon.....	.10	.30	.85
Perpetual Spinach Beet.....	.10	.30	.85

Squash

Banana.....	.20	.60	2.00
Blue Hubbard.....	.20	.50	1.50
Boston Marrow.....	.15	.40	1.15
Chicago Watted Hubbard.....	.15	.45	1.50
Chicago Orange Marrow.....	.15	.40	1.15
Cocozelle.....	.15	.45	1.50
Delicious.....	.15	.45	1.40
Table Queen, "Des Moines," Acorn.....	.15	.50	1.50
Early White Bush.....	.15	.40	1.15
Early Yellow Bush.....	.15	.40	1.15
Bush Fordhook.....	.15	.40	1.25
Vaughan's Giant Summer Crookneck, Yellow.....	.15	.45	1.40
Golden Hubbard.....	.15	.40	1.25
Original Hubbard, Extra Select.....	.15	.40	1.25
Kitchenette Small Hubbard.....	.15	.45	1.50
Mammoth White Bush, Extra Select.....	.15	.40	1.25
Mammoth Yellow Bush.....	.15	.40	1.25
Mammoth Chili.....	.20	.50	1.75
Sweet Potato.....	.25	.75	2.00
Pike's Peak, or Sibley.....	.15	.40	1.25
Vegetable Marrow.....	.15	.45	1.50
Yellow Straightneck.....	.25	.75	2.00
Yellow Summer Crookneck.....	.15	.40	1.25
Zucca de Pergola. Italian Sort.....	.35	1.00	3.00
Italian Marrow.....	.20	.60	1.75

Tomato

	Oz.	¼ lb.	Lb.	Oz.	¼ lb.	Lb.	
Dwarf Stone.....	\$0.40	\$1.25	\$4.50	Magnus.....	\$0.40	\$1.15	\$3.50
New Globe.....	.45	1.25	4.25	Marglobe.....	.50	.50	5.00
John Baer.....	.35	1.00	3.00	Marvelossa.....	.60	1.75	6.00
Early Detroit.....	.40	1.25	4.50	Matchless.....	.30	.90	3.25
Acme.....	.35	1.15	3.75	Ponderosa.....	.50	1.60	5.50
Beauty.....	.45	1.25	4.00	Stone, Improved.....	.40	1.00	3.25
Bonny Best.....	.35	1.00	3.00	Vaughan's Tall Champion.....	.50	1.65	5.50
Chalk's Early Jewel.....	.35	1.00	3.00	Red Currant.....	.50	1.50	.....
Cream City.....	.40	1.25	4.50	Red Pear.....	.50	1.50	.....
Crimson Cushion.....	.50	1.50	4.75	Red Peach.....	.50	1.50	.....
Dwarf Champion.....	.40	1.25	4.25	Red Plum.....	.50	1.50	.....
Earliana, Vaughan's Select.....	.40	1.00	3.00	Red Cherry.....	.50	1.50	.....
Golden Queen.....	.40	1.25	4.25	Yellow Pear.....	.50	1.50	.....
Avon Early (New).....	.45	1.25	4.00	Yellow Peach.....	.50	1.50	.....
Gulf State (New).....	.40	1.25	4.00	Yellow Plum.....	.50	1.50	.....
Greater Baltimore.....	.35	1.00	3.00	Ground Cherry.....	.50	1.50	.....
June Pink.....	.40	1.40	4.50	Golden Ponderosa.....	.50	1.60	5.50
Cooper's Special.....	.50	1.50	5.00	Hudson Valley Maid, Early.....	.50	1.50	5.00
Break-O-Day.....	1.25	.....	.....	Forcing Sorts. Stirling Castle, Lister's Prolific, Fill Basket, Napoleon, Lorrillard, Bonny Best. Pkt., 25c; Oz., 75c.			
New Globe, pkt., 25c; oz., \$1.50. Grand Rapids, pkt., 25c; oz., \$1.50.							

Turnip

	Oz.	¼ lb.	Lb.
Early White Milan. Earliest of all.....	\$0.10	\$0.30	\$1.00
Early Extra Purple Top Milan.....	.10	.30	1.00
Purple Top Strap Leaf.....	.10	.20	.60
White Egg.....	.10	.20	.60
Purple Top White Globe.....	.10	.20	.60
White Flat Dutch.....	.10	.20	.60
Large Yellow, or Amber Globe.....	.10	.20	.60
Yellow Aberdeen.....	.10	.20	.60
Golden Ball or Orange Jelly.....	.10	.20	.60
Cowhorn or Long White.....	.10	.20	.60
Pomerainian White Globe.....	.10	.20	.60
Early Snowball.....	.10	.20	.60
Seven Top.....	.10	.20	.50
Yellow Stone.....	.10	.20	.60
Large White Norfolk.....	.10	.20	.60
Teltow.....	.10	.20	.60
Shogoin or Foliage Turnip.....	.20	.45	1.25

Rutabaga or Swede

	Oz.	¼ lb.	Lb.
Monarch.....	\$0.10	\$0.25	\$0.75
Laing's Swede.....	.10	.25	.75
New Breadstone.....	.10	.25	.75
Carter's Imperial Swede.....	.10	.25	.75
Vaughan's American Purple Top Improved.....	.10	.25	.75
Skirving's Rutabaga.....	.10	.25	.75
White Swede.....	.10	.25	.75
Rhode Island Rock.....	.10	.25	.75
Sutton's Champion.....	.10	.25	.75
Sweet German.....	.10	.25	.75
Bangholm Danish.....	.10	.25	.75
Golden Neckless.....	.10	.25	.75

Planet Jr. Garden Tools

See page 105, Retail Catalog, for illustration and description

- No. 12 Planet Jr. Double and Single Wheel Hoe..... \$ 10.75
 - No. 25 Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow..... 21.50
 - No. 17 Planet Jr. Single Wheel Hoe..... 7.75
 - No. 3 Planet Jr. HILL and DRILL Seeder, the Market Gardeners' Favorite..... 17.50
- Write us for prices and pamphlet on Planet Jr. garden tractors.

Seeders

- Corn Planter—Hand..... \$ 3.00
- Cahoon Seeder..... 4.50
- Midget Seeder with Handle..... 4.25
- The Economical Seeder..... .45
- Sowrite Seeds Sower..... Postpaid .90

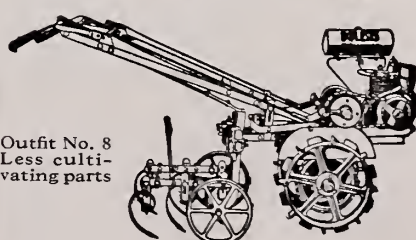
Bolen's New Model "DJ" All-Purpose Garden Tractor

For the gardener, the florist, the nurseryman and suburban resident. The BOLENS will plow, disc, seed, cultivate, mow the lawns or operate a mowing machine to cut hay, weeds, etc.

This is just the machine you need; any good-sized boy or girl can run it and do most accurate work. BOLENS is unlike other Garden Tractors because it has a power turn, absolutely accurate tool control, and ample clearance for all crops. There is no other machine like a BOLENS.

We have used BOLENS tractors in our Vaughan's Nursery the past eight years and would not be without it.

Tell us the work you wish to do and we will give prices on the BOLENS and the exact equipment needed to your work.



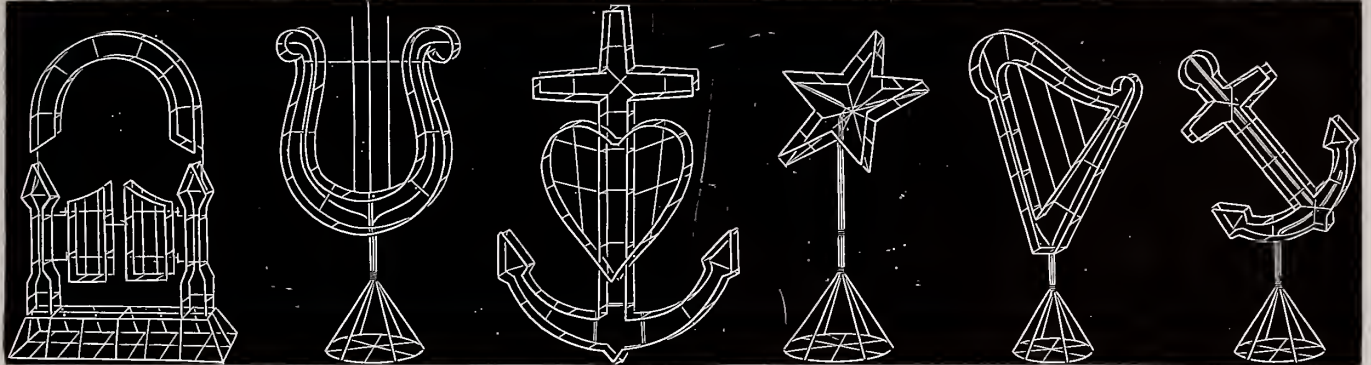
Florists' Wire Designs

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

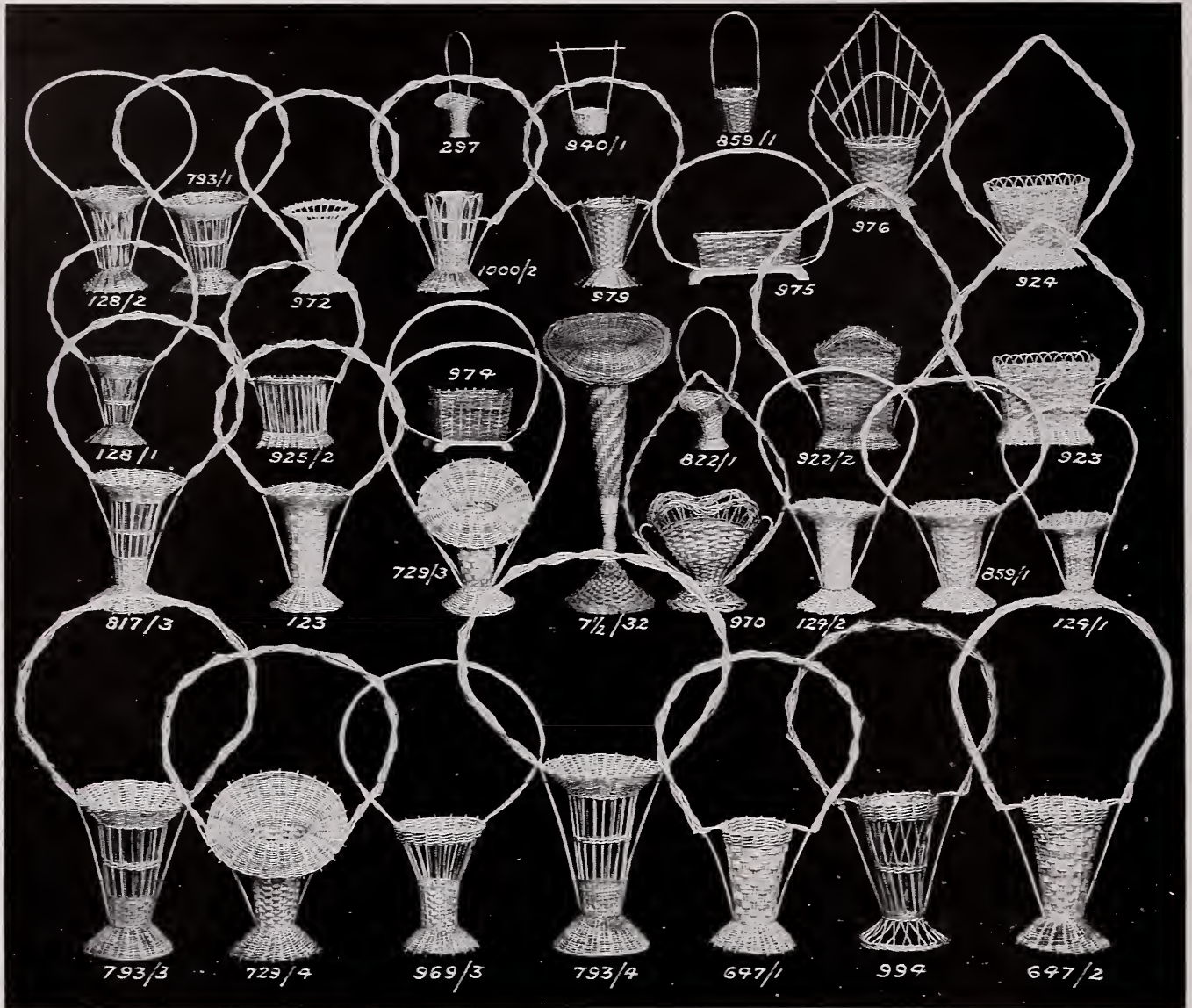
STAR ON BASE

HARP ON BASE

ANCHOR ON BASE

ANCHORS—Flat		
Inch	Price	Inch
10	\$0 20	20
12	25	22
14	30	24
16	35	27
18	45	30
20	55	36
22	65	42
24	75	48
26	85	54
28	95	60
30	105	66
32	115	72
34	125	78
36	135	84
38	145	90
40	155	96
42	165	102
44	175	108
46	185	114
48	195	120
50	205	126
52	215	132
54	225	138
56	235	144
58	245	150
60	255	156
62	265	162
64	275	168
66	285	174
68	295	180
70	305	186
72	315	192
74	325	198
76	335	204
78	345	210
80	355	216
82	365	222
84	375	228
86	385	234
88	395	240
90	405	246
92	415	252
94	425	258
96	435	264
98	445	270
100	455	276
102	465	282
104	475	288
106	485	294
108	495	300
110	505	306
112	515	312
114	525	318
116	535	324
118	545	330
120	555	336
122	565	342
124	575	348
126	585	354
128	595	360
130	605	366
132	615	372
134	625	378
136	635	384
138	645	390
140	655	396
142	665	402
144	675	408
146	685	414
148	695	420
150	705	426
152	715	432
154	725	438
156	735	444
158	745	450
160	755	456
162	765	462
164	775	468
166	785	474
168	795	480
170	805	486
172	815	492
174	825	498
176	835	504
178	845	510
180	855	516
182	865	522
184	875	528
186	885	534
188	895	540
190	905	546
192	915	552
194	925	558
196	935	564
198	945	570
200	955	576
202	965	582
204	975	588
206	985	594
208	995	600
210	1005	606
212	1015	612
214	1025	618
216	1035	624
218	1045	630
220	1055	636
222	1065	642
224	1075	648
226	1085	654
228	1095	660
230	1105	666
232	1115	672
234	1125	678
236	1135	684
238	1145	690
240	1155	696
242	1165	702
244	1175	708
246	1185	714
248	1195	720
250	1205	726
252	1215	732
254	1225	738
256	1235	744
258	1245	750
260	1255	756
262	1265	762
264	1275	768
266	1285	774
268	1295	780
270	1305	786
272	1315	792
274	1325	798
276	1335	804
278	1345	810
280	1355	816
282	1365	822
284	1375	828
286	1385	834
288	1395	840
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294	1425	858
296	1435	864
298	1445	870
300	1455	876
302	1465	882
304	1475	888
306	1485	894
308	1495	900
310	1505	906
312	1515	912
314	1525	918
316	1535	924
318	1545	930
320	1555	936
322	1565	942
324	1575	948
326	1585	954
328	1595	960
330	1605	966
332	1615	972
334	1625	978
336	1635	984
338	1645	990
340	1655	996
342	1665	1002
344	1675	1008
346	1685	1014
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354	1725	1038
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358	1745	1050
360	1755	1056
362	1765	1062
364	1775	1068
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382	1865	1122
384	1875	1128
386	1885	1134
388	1895	1140
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392	1915	1152
394	1925	1158
396	1935	1164
398	1945	1170
400	1955	1176
402	1965	1182
404	1975	1188
406	1985	1194
408	1995	1200
410	2005	1206
412	2015	1212
414	2025	1218
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418	2045	1230
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424	2075	1248
426	2085	1254
428	2095	1260
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436	2135	1284
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464	2275	1368
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474	2325	1398
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478	2345	1410
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482	2365	1422
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520	2555	1536
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526	2585	1554
528	2595	1560
530	2605	1566
532	2615	1572
534	2625	1578
536	2635	1584
538	2645	1590
540	2655	1596
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544	2675	1608
546	2685	1614
548	2695	1620
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554	2725	1638
556	2735	1644
558	2745	1650
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562	2765	1662
564	2775	1668
566	2785	1674
568	2795	1680
570	2805	1686
572	2815	1692
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576	2835	1704
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602	2965	1782
604	2975	1788
606	2985	1794
608	2995	1800
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634	3125	1878
636	3135	1884
638	3145	1890
640	3155	1896
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648	3195	1920
650	3205	1926
652	3215	1932
654	3225	1938
656	3235	1944
658	3245	1950
660	3255	1956
662	3265	1962
664	3275	1968
666	3285	1974
668	3295	1980
670	3305	1986
672	3315	1992
674	3325	1998
676	3335	2004
678	3345	2010
680	3355	2016
682	3365	2022
684	3375	2028
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688	3395	2040
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698	3445	2070
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706	3485	2094
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710	3505	2106
712	3515	2112
714	3525	2118
716	3535	2124
718	3545	2130
720	3555	2136
722	3565	2142
724	3575	2148
726	3585	2154
728	3595	2160
730	3605	2166
732	3615	2172
734	3625	2178
736	3635	2184
738	3645	2190
740	3655	2196
742	3665	2202
744	3675	2208
746	3685	2214
748	3695	2220
750	3705	2226
752	3715	2232
754	3725	2238
756	3735	2244
758	3745	2250
760	3755	2256
762	3765	2262
764	3775	2268
766	3785	2274
768	3795	2280
770	3805	2286
772	3815	2292
774	3825	2298

Vaughan's Flower Baskets Newest Pattern



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 for a \$10.00 assortment.

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

Style	Diameter	Depth	Over All	Price	Unlined
712/18			18 in.	\$2.00	
712/24			24	3.60	
712/32			32	5.00	
712/36			36	6.00	
712/42			42	7.35	
123	9 in.	13 in.	29	1.00	
124/1	7	9	22	.57	
124/2	8	10 1/2	27	.90	
128/1	7	9	22	.62	
128/2	8	10 1/2	27	.95	
297		5 1/2	11	.35	
647/0	7	11 1/2	27	1.05	
647/1	7 1/2	12 1/2	31	1.20	
647/2	8	15	36	1.35	
729/1	10	11 1/2	23	.85	
729/2	12	13	26	1.15	
729/3	15 1/2	13 1/2	30	1.35	
729/4	17	15	32	1.70	
793/1	9	10	25	.90	
793/2	10 1/2	12 1/2	30	1.10	
793/3	12	16	36	1.65	
793/4	13	18 1/2	40	2.00	
817/2	8 1/2	11	25	.85	
817/3	10	14	32	1.20	
822/1	9		16	.50	\$0.40

Style	Diameter	Depth	Over All	Price	Unlined
822/2	10 in.		18 in.	\$0.60	\$0.50
822/3	11		22	.75	.60
822/4	12		26	.85	.70
840/1	4 1/2	3 in.	12	.15	.10
859/1	9 1/2	11	25	.95	
859/2	10 1/2	12	30	1.20	
859/1G	4 1/2	4 1/2	13	.30	
859/2G	5	5	14 1/2	.35	
922/1	7 1/2	10	24	1.40	
922/2	9 1/2	13	29	1.70	
923	11	9	25	1.70	
924	11 1/2	9 1/2	25	1.70	
925/2	7 1/2	7 1/2	21	1.00	
969/1	6 1/2	8 1/2	22	.75	
969/2	7	10	26	.95	
969/3	9 1/2	12 1/2	30	1.40	
970	12	12 1/2	26	1.70	
972	8	9 1/2	23	.85	
974	9x5 1/4	5 1/2	16	1.05	
975	12x4 1/4	5 1/2	15	1.10	
976	8 1/2	7 1/2	21	1.35	
979	7 1/4	9	23	.85	
994	8 1/2	15	33 1/2	1.50	
1000/2	6	10 3/4	23 1/2	1.00	

These prices call for a two-tone or enamel finish. Metal liners included. Where liners are not desired, deduct 10% from price. 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, \$2.25; 3 for \$6.50. 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.

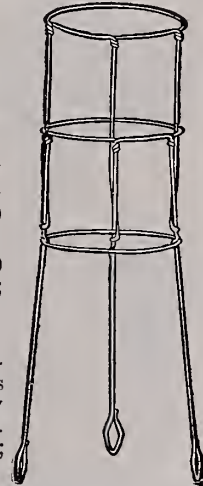
MODEL EXTENSION CARNATION SUPPORTS

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., \$2.75.



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.



VASE. Green Earthenware Cemetery. A strong and ornamental vase, that keeps its color. Retail at 50c. 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, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest.



Galv. Vase Attractively striped in red.

Syle	Diameter		Ht.	Per Doz.	Price	Syle	Diameter		Ht.	Per Doz.	Price
	Top	Bot.					Top	Bot.			
253	4 ¼ in.	3 ½ in.	10 in.	\$4.50	65	7 ½ in.	6 ½ in.	8 in.	\$5.00		
255	6 ½ in.	5 ¼ in.	12 in.	6.75	66	9 in.	7 ½ in.	10 in.	6.00		
257	6 ½ in.	5 ¼ in.	15 in.	7.80	68	9 in.	7 ½ in.	12 ½ in.	9.00		
57	5 in.	3 ½ in.	5 in.	2.75	69	9 in.	7 ½ in.	18 in.	12.00		
59	6 ½ in.	5 ¼ in.	7 in.	4.20	70	in.	7 ½ in.	24 in.	13.20		

LETTERS AND FIGURES



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

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, Grandpa, Grandma, 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 1,000 words, \$20.00.

CLOCK DIALS. Purple face with white figures, or white face with purple figures. 4-inch., per doz., \$4.00; 7-inch, per doz., \$5.50.

GILT RIBBON LETTERS. Gummed. 25 letters in a package. 1¼-in. per 100, 75c; per 1,000, \$3.50; ¾-in., per 100, 60c; per 1,000, \$3.00.

CHENILLE LETTERING. Silk—Purple, scarlet, pink, light blue, yellow and white, at 75c per pkg. of 12 yds; \$8.00 per doz. pkgs.

Worsted, Large—Purple, pink, scarlet, light and dark blue, white or yellow, at 55c per pkg. of 12 yards; \$5.50 per doz. pkgs.

Worsted, Medium—At 45c per pkg. of 12 yds.; \$4.75 per doz. pkgs.

Worsted, Small—Same colors, at 40c per pkg. of 12 yds; \$3.75 per doz. pkgs.

Twisted Chenille, Large—Any color, at 55c per pkg. of 12 yds.; \$5.50 per doz. pkgs.

WOOD EASELS

Strong, well made, finished in white enamel.

Height	Per Doz.	Height	Per Doz.
30-inch.....	\$4.00	48-inch.....	\$5.50
36-inch.....	4.25	54-inch.....	6.50
42-inch.....	4.75	60-inch.....	7.50



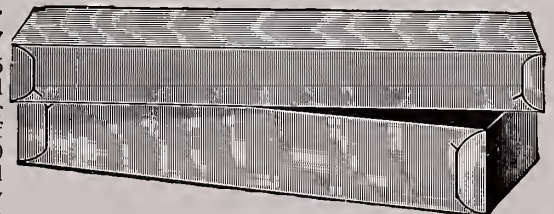
CUT-FLOWER BOXES

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 x21x5	40 lbs.	\$4.00	5x28x 8	90 lbs.	\$ 8.00
3½x24x5	50 lbs.	5.25	5x36x 8	125 lbs.	10.50
3½x30x5	65 lbs.	6.00	5x42x 8	165 lbs.	15.00
4 x24x8	70 lbs.	7.00			

FLORAL DESIGN BOXES. (Gray.)

No. 25. 6x36x12.....	100 \$17.50	No. 27. 8x20x20.....	100 \$21.00
No. 26. 10x36x14.....	28.50	No. 28. 8x24x24.....	23.00

Packed 25 complete per bundle.

CORSAGE BOXES. Pearl Gray.

5x9x6, 30 lbs.....	100 \$3.90	5½x11x8, 45 lbs.....	100 \$4.90
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Rubber Hose, Couplers, Nozzles, Etc.

FLORIST NON-KINKABLE GUARANTEED HOSE

A brand of hose, manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

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

1 to 24 feet.....per ft. 23c | 25 to 49 feet.....per ft. 22c | 50 to 99 feet.....per ft. 21c | 100 to 400 feet.....per ft. 20c
In bales of 500 ft., 19c ft.



CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 16c ft.; 100 to 500 ft., 15c ft.

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

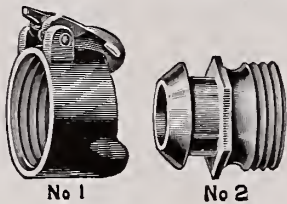
HOSE COUPLER, The "Snap."

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, 40c; doz., \$4.00.

No. 2—Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection, No. 1. Can also be screwed into old threaded coupling. Each, 25c; doz., \$2.50.

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

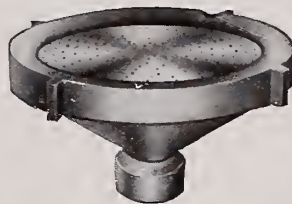


HOSE NOZZLES.

"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, \$1.45; by mail, \$1.50.

"Gem"—Throwing all variations, from fine spray to stream. Each, 70c; doz., \$6.50.



ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, \$1.00; doz., \$8.00.



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 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.

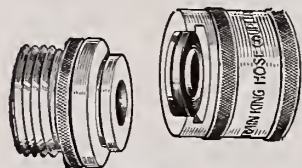


HOSE STRAPS, Caldwell. For $\frac{1}{2}$, $\frac{3}{4}$ and 1 in. hose. Doz., 35c; gross, \$3.25.

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

RAIN KING 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., \$6.00.



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

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.



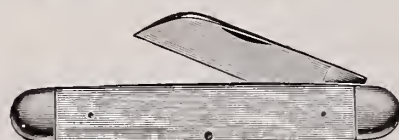
No. 5 A

Budding, No. 5A. Black handle; brass lined.....\$1.50 3 for \$4.25
Budding, Beech Handle. Per doz., \$4.00 40 1.10

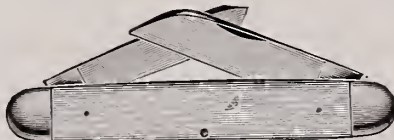


No. 801

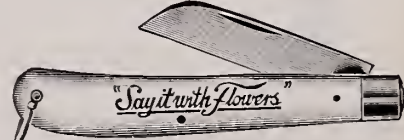
Budding, Aluminum Handle (Imported), No. 801. \$2.00 3 for \$5.00
Potato Knife, Stationary blade, beech handle, right or left handed. Per doz., \$2.50..... .30 ...



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., \$11.50.



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

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



Vaughan's Florist (Henckel Brand) Each
Vaughan's Florist—3 for \$4.00; 12 for \$14.00.....\$1.50



No. 1011

Propagating, No. 1011. Aluminum handle (imported)..... \$2.00
3 for \$5.00.
Henckel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$5.00..... 2.00
Vaughan's English No. 107—Heavy Prop., Ivory Handle with Brass Caps..... 3.50
Imported Nurseryman's Extra Heavy Pruner, No. 3C... 2.25
Imported strong, No. 2C..... 2.00
Putty Knife—No. 120, a very good tool; 3 for \$1.00..... .35
Pruning, Stag handle..... 2.50

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 permacolor tubes, each, 35c; doz., \$2.75.



Hot Bed

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.25; 3 for \$3.50; doz., \$12.00.

Cabinet. Wood case; metal face. 8-in. cabinet thermometer, black oxidized metal scale mounted on wood back, easy reading red permacolor 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, \$3.35; 3 for \$9.75; doz., \$37.20. Glazed, single strength, each, \$5.85; doz., \$69.00.

For 38 in. x 6 ft., for 4 rows, 8-inch single glass, unglazed, each, \$3.60; 3 for \$10.50; doz., \$40.80. Glazed, each, \$6.60; doz., \$78.00.

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

Add 50c 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, \$11.00; 100-ft. roll, \$40.00.

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

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.

GLASS CLOTH. The most popular glass substitute; transparent, waterproof and weatherproof, 36 inches wide; put up in 10, 50 and 100-yard rolls. Per yd., 28c.

LIMBER GLASS CLOTH. Medium weight per yard, 24c. Write for Samples.

MILO 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., \$21.60. Size, 76x76 in., ea., \$4.00; doz., \$42.00. Write 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..... | Each \$2.50 |
| No. D. | 15 1/2 in. long, 1 1/2 in. in diam..... | 4 50 |
| No. 5. | Best for general greenhouse use..... | 7 00 |
| No. 12. | 14 in. long, 1 in. in diam..... | 4 00 |
| No. 11. | 18 in. long; 1 stream, 2 sprays..... | 6.00 |

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

Price, per gal., \$2.65; 5 gals., \$12.50; 10 gals., \$24.00.

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

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 Mastic 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 Each \$8.00
Gratis with 40 or 60-gal. drum of glazing cement.

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., \$3.00; 5 gals., \$14.50; 10 gals., \$28.50.

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.

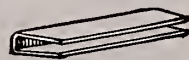
SIEBERT'S IMPROVED

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, \$4.75.

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.

Insecticides and Fungicides

Unmailable—Insecticides Containing Poison CANNOT be Sent by Mail—by Express Only

ANTROL. Sets containing 4 jars and 4-oz. bottle of syrup, price, 95c; extra jars each, 15c. 4-oz. bottle syrup, 45c. Pint bottle of syrup, 95c; gal., \$3.75.

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, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. 1 pt., 75c; 1 qt., \$1.00; 1 gal., \$3.00.

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; 1 lb. bottle, \$2.50, makes 40 to 200 gallons; 2-lb. can, \$3.75, makes 200 to 500 gallons; 5 lb. can, \$7.00, makes 400 to 1000 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., \$13.50.

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.

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

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ 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 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

EVERGREEN. Non-poisonous insecticide. Oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 32-oz. bottle, \$3.50; gallon bottle, \$13.00; 5-gal. drum, \$50.00.

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, 75c; 1 qt., \$1.10; 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; lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 45c; pt., 75c; qt. \$1.10; ½ gal., \$1.75; gal., \$3.00; 5 gals., \$12.00.

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.

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.

NICOTROL. An activated nicotine spraying preparation made by combining nicotine and pentrol. Qt., \$1.25; gal., \$2.75; 5 gals., \$10.50.

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

KALITE. A better and safer protection for vegetables, fruits and flowers. A non-poisonous insecticide in powder form for controlling chewing and eating insects; not to be mixed with water; can be applied with any standard duster. Price, 1 lb., 35c; 5 lbs., \$1.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

KALOIL. Self spreading, free flowing pyrethrum spray; mixes freely with hard or soft water at all normal temperatures, without using soap, heating or extra handling; a contact insecticide which kills most insects such as aphids, plant lice, leaf hoppers, red mites, etc. Price, 1 ½ oz. can, 35c; 6 oz., can, \$1.00; 32 oz., can \$3.85; gal., \$13.00.



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., 45c; 1 lb., 95c.

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., \$19.50.



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, 1 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.

Pomo-Green The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew, and chewing insects. Lb., 50c; 5 lbs., \$2.00; 25 lbs., \$7.50.

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.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings Gladiolas and disinfection of seed bed soil. Prices, 2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25; 100 lbs., \$220.00. 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., 45c; 3 lbs., 95c; 15 lbs., \$3.50; 50 lbs., \$9.50.

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.

SHEPS PLANT SPRAY. An effective non-poisonous solution that kills and controls both sucking and chewing insects. 2 oz. bottle, 35c; ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.35; 5 gals., \$30.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 85c; qt., \$1.25; gal., \$3.75.

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. ½ pint, 50c; pint, 75c; quart, \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, 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 aphid, 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. Aphid, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens, and shrubbery. 25 lbs. \$1.75; 100 lbs., \$4.75.



Sprayers, Blowers and Sprinklers



Standard Spray Pump. This pump is bucket, barrel or knapsack pump, as desired. Price, \$5.50. With knapsack and curved extension, \$9.50.



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. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, \$6.50.

The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickel plated iron; construction simple. Each, \$2.75.

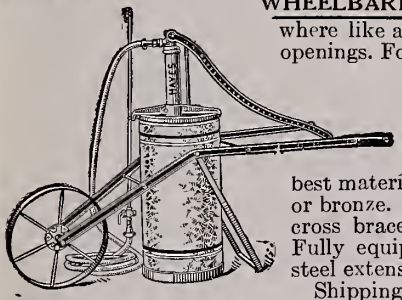


Perfection Sprayer. The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for White-wash, Water, Paints, Insecticides. Two styles. Galvanized steel, \$6.50; solid brass, \$9.00.

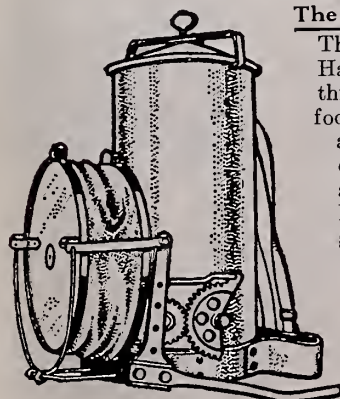


Bottle Sprayer. One qt. bottle. Fine for spraying designs and boxes of flowers. Throws a fine spray. Each, \$1.25.

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 12 1/2 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. Write us for prices on Barrel and Power Sprayers.

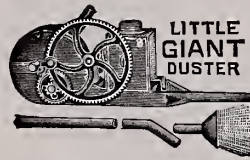


The American Beauty Dust Sprayer
The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator 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.

POWDER GUNS. The best dry powder guns for blowing powder on plants and insects. Cyclone. Each, 20c. Jumbo, each, 45c.



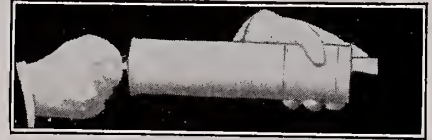
SCOLLY'S FAMOUS FLORISTS' SPRINKLER
We are General Western Agents
None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each \$1.35; doz., \$13.50.



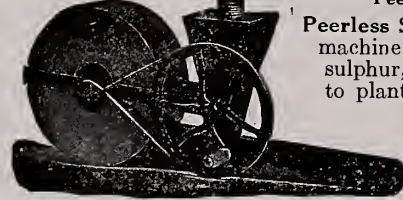
DUSTER—Lowell.
Handy for dusting any dry insecticide. Operated same as hand-prayer. Each, 85c; 3 for \$2.25.

DUSTER—Leggett's Little Giant.
The best dry powder gun; can dust two rows at a time. Each, \$10.00.

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.



Feeney Model B Duster
Each, \$1.00; doz., \$9.00.



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, \$8.00.

Trowels, Lawn and Pruning Tools

SAWS, Double-Edged Pruning,
16-in., \$1.60; 18-in., \$1.75; 20-in., \$1.85.



California Pole Trimmer.
Curved, draw-cut saw with crook for removing branches. Each, \$2.35; 3 for \$6.75.



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, 7 1/2-inch. Each, \$2.75; 8 1/2-inch, each, \$3.25; 9 1/2-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.

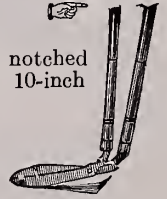
TREE PRUNERS. Waters' 6 ft., \$1.65; 8 ft., \$1.85; 10 ft., \$2.00; 12 ft., \$2.25. Extra blades, each, 25c.

No. 4 Jointed Tree Pruner, 12 ft., in three 4-ft. sections. Ea., \$6.00.

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. Each, 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, \$1.45; 500 for \$5.50; per 1000, \$9.50. (If shipped from New York, per 100, \$1.75; 500 for \$7.00; per 1,000, \$12.00.) Special price on larger lots on application.

Heavier Grade. 1/2 run 8 to 9 ft.; 1/3 9 to 10 ft.; balance 10 to 11 ft. Weight about 250 pounds per 1,000. Price (if shipped from Chicago), per 100, \$2.25; 500 for \$9.00; 1000, \$15.75. (If shipped from New York, per 100, \$2.50; per 500, \$9.50; per 1000, \$17.25.)

Japanese Bamboo Stakes, Plain and Green Painted.

Per 100		Per 1000		Per 100		Per 1000		
1 1/2 feet.....	\$0.60	\$2.75	3 feet.....	\$1.00	\$4.75			
2 feet.....	.75	3.45	3 1/2 feet.....	1.10	5.50			
2 1/2 feet.....	.90	4.00	4 feet.....	1.25	6.50			
Natural. 6 ft..	1.50	10.00	Write for price in bale lots.					

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F. O. B. Chicago, 100 for \$1.00; 500, \$4.00; 1000, \$7.25.

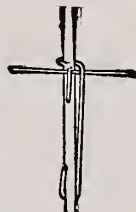
Heavy Chinese Tonkin Stakes, Natural Color. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F. o. b.	
		New York	Chicago
4 ft.	1/2 to 3/8 inch.....	\$3.00	\$3.25
4 ft.	3/4 inch.....	4.50	4.75
5 ft.	5/8 to 3/4 inch.....	5.25	5.75
6 ft.	3/4 to 7/8 inch.....	5.75	6.00
8 ft.	7/8 to 1 inch.....	6.25	6.75

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	\$ 5.35	3 1/2 feet.....	\$1.75	\$13.00
2 feet.....	1.00	7.10	4 feet.....	2.10	14.95
2 1/2 feet.....	1.20	8.75	5 feet.....	2.45	18.00
3 feet.....	1.35	10.00	6 feet.....	2.90	22.00

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 1,000. 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 water-proof 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 1000	Per 1000, f. o. b. New York	Per 1000, f. o. b. Chicago	Original hold crates	Gross wt of 1000 pots about
2 1/4.....	\$0.55	\$ 4.00	\$ 4.20	1,000.....	12 lbs.
2 1/2.....	.60	4.45	4.65	1,000.....	17 lbs.
3.....	1.00	5.60	5.95	1,000.....	23 lbs.
3 1/2.....	1.10	7.35	7.45	1,000.....	35 lbs.
4.....	1.20	8.85	9.20	500.....	46 lbs.
5.....	1.85	13.70	14.25	500.....	80 lbs.
6.....	2.40	18.00	19.10	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	Lots only	No. of Pots in crate	Per 100
2 in.....	1,500...	\$ 8.25 per 1,000	6 in.....	117.... \$ 6.60 per 100
2 1/2 in.....	1,200...	11.00 per 1,000	7 in.....	99.... 10.90 per 100
3 in.....	800...	14.00 per 1,000	8 in.....	50.... 15.20 per 100
4 in.....	360...	2.90 per 100	9 in.....	28.... 21.75 per 100
5 in.....	240...	4.45 per 100	10 in.....	24.... 29.00 per 100
			12 in.....	6.... 58.00 per 100

NEPONSET BLACK POTS—For Growing. This new development makes it possible to take advantage of the economy, ease and convenience of paper pots for the full growing period of young plants without any damaging or retarding of root growth. In fact, the special waterproofing treatment of these pots seems to encourage healthy growth.



AZALEA POTS, also suitable for Boston Ferns

Size	Quan. per case	Shipping Wt. per case	Price per M
2 1/2 inch	1000	22 lbs.	\$ 5.45
3 inch	1000	28 lbs.	7.15
4 inch	500	26 lbs.	11.25

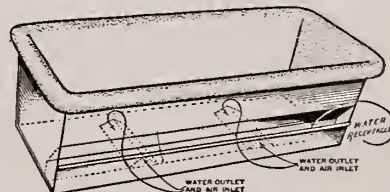
BULB PANS

Size	Doz. Per 100	Per 100	Doz. Per 100	Per 100
5 inch.....	\$0.80	\$4.45	8 inch....	\$2.25 \$15.20
6 inch.....	.95	6.60	10 inch..	3.85 29.00
7 inch.....	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.

Size	Each	Doz.	Each	Doz.
5-inch...	\$0.85	\$9.00	9-inch...	\$1.60 \$16.20
6-inch...	.95	9.50	14-inch...	2.25 24.00
7-inch...	1.10	11.40		



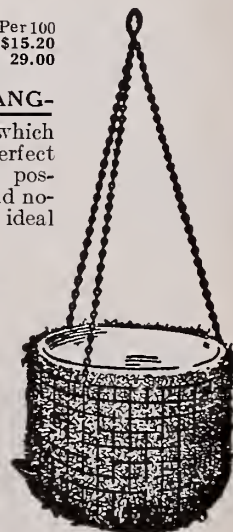
Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight.

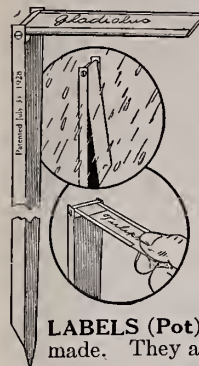
Outside dimensions of Window Boxes, Model A.

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.

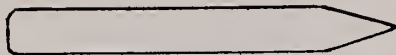


Labels, Paper, and Pot Covers



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.,	\$1.25	\$2.50	\$4.00	\$ 6.50
18-in.,	1.75	3.50	5.00	9.00



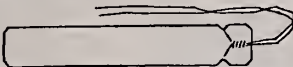
LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat.

	Per 1,000	Plain Painted	
		Plain	Painted
Wooden, 4-in., plain, 10,000, \$14.00.....	\$1.50	.....	.....
" 4 " painted, 10,000, \$18.00.....	.....	\$ 1.95	.....
" 5 "	1.80	2.35	.....
" 6 "	2.00	2.65	.....
" 8 "	5.60	6.60	.....
" 10 "	6.85	8.00	.....
" 12 "	9.50	11.00	.....

LABELS (Tree).

	Per 1,000	Plain	Painted
Wooden, 3½ in. iron wired.....	per 1,000	\$1.85	\$2.15
" 3½ in. copper wired.....	per 1,000	2.10	2.50

COPPER LABELS. Wired, indestructible. Per 100, \$1.60; larger size, per 100, \$2.25.



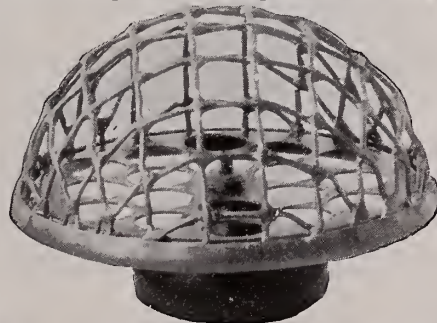
HEAVY WOOD LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of ¾-inch timber. Paint with white lead before using, and write before paint dries.

Length, 16 inches.....	per 100, \$3.25
" 18 inches.....	" 4.00

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 3¼x¾ inches. Price per 100, \$1.60.

PLANT MARKERS. Cadmium plated having four times the rust resistance 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.

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 Handy Hanson Handle Ideal Type 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., \$3.00; 100, \$22.00. Packed in boxes of 25 each; 100 price allowed on one or more boxes. Three sizes, small, medium and large. Four plain colors, green, pink, blue, and lavender. Also 2-tone gold finish, using above colors as a base.

Paper

Prices on Paper subject to Market changes.

American Beauty Tissue. 24x36 inches, f. o. b. Chicago, ream (400 sheets), \$1.35; 10 reams (4000 sheets) \$10.50; f.o.b. New York, ream (480 sheets), \$1.50; 10 reams (4800 sheets), \$14.00.
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, \$2.35.



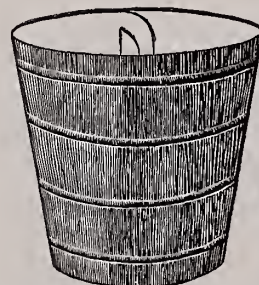
Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 40c; per doz., \$3.50; 25 rolls, \$6.50; per 100 rolls, \$24.50.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 8c.

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., \$1.50; per 100, \$6.00; 500 for \$27.50.



BIRD'S FLOWER POT COVER. Waterproof, beautiful in color and artistic in design, harmonize with the color in all plants. Special design for Mother's day and Easter. Write for booklet.

Size	Weight per case	Per 100	Per 1,000
4-inch	18 lbs.	\$2.50	\$22.00
5-inch	24 lbs.	3.00	24.75
6-inch	27 lbs.	3.50	29.75
7-inch	39 lbs.	4.75	39.75

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

STICK-TO-IT POT COVERS. Made of waterproof crepe paper with elastic band around same. These pot covers come already pleated with a crepe ruffle around center, giving a pot tie effect. Moss green.

	Doz.	100		Doz.	100
5-in.....	\$0.90	\$ 6.00	7-in.....	\$1.35	\$9.00
6-in.....	1.10	7.50	8-in.....	1.50	10.50

Reeds, Raffia and Basket Bottoms

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

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 45c; 5-lb. lots, per lb., 40c; 10-lb. lots, per lb., 38c; 100 lb., \$29.00. Bale lots (about 225 lbs.), per 100 lbs., \$26.00.

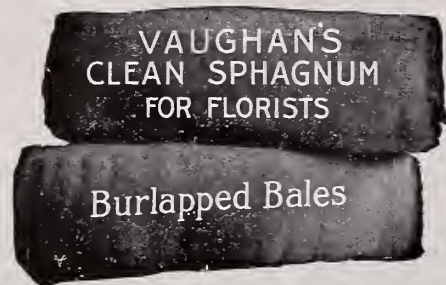
Dyed—Old gold, pink, purple, emerald green, dark red, bright red black, navy blue, orange. Per lb., 85c; 5 lbs. at 80c; 10 lbs. at 78c; 25 lb. at 75c. Samples on application.

BASKET BOTTOMS. Veneered Basket Bottoms for Reed weaving

	Each	Per 100		Each	Per 100
3-inch, Round.....	\$0.05	\$4.35	6x10-inch, Oval.....	\$0.15	\$13.00
4-inch, ".....	.06½	6.00	8x14-inch, ".....	.24	22.00
5-inch, ".....	.07½	7.00	10x16-inch, ".....	.29	27.00
6-inch, ".....	.09½	8.75	12x20-inch, ".....	.45	40.00
8-inch, ".....	.14	12.50	3-inch, Square.....	.05	4.35
10-inch, ".....	.20	18.00	5-inch, ".....	.07	6.50
12-inch, ".....	.24	22.00	6-inch, ".....	.09½	8.75
3x 6-inch, Oval.....	.08½	7.50	8-inch, ".....	.13½	12.50
4x 8-inch, ".....	.11	9.50	10-inch, ".....	.20	18.00
			12-inch, ".....	.24	22.00

SPHAGNUM MOSS

Bright, Clean, New Growth,
Free from Brush or Grass



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, \$1.10; 25-bale lots per bale, \$1.00. Write for price on moss in large quantities F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. CHICAGO. Single bale, \$1.35; 5 bales, \$6.25; 10 bales, \$12.00. 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, \$1.95.
Above prices subject to change without notice.

Ribbons and Chiffons



Brilliant Fibre

Brilliant 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, \$1.00. Box of 20 spools at 90c spool.

Novelty Tinsel Ribbon. Brilliant metallic colors which blend themselves to varieties of flowers and plants. This is one of the biggest selling items in pot ties. Also used on corsage bouquets, wrist and shoulder shields. 50-yd. bolts, width $\frac{3}{4}$ -inch. Per bolt, 75c; 10 bolts for \$7.00; 25 bolts for \$16.00.

Plain Edge Metaline Shower Ribbon No. 2. 50-yard bolt, 95c; 10 bolts for \$8.50.

Picot Edge White Metallic Shower Ribbon. Something new and very rich looking. Price per bolt of 50 yds., \$1.00; 10 bolts for \$9.00.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50-yards, \$1.00; 10 spools for \$9.00.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., \$6.75.

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., $5\frac{1}{2}$ c., 6-bolt lots, per yd. 5c.

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, $5\frac{1}{2}$ c; 6-inch, per yard, $6\frac{1}{2}$ c; in 6-bolt lots, 6c per yard.



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

Metaline. Pattern 9500, 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., $7\frac{1}{2}$ c; 6 Bolts, at 7c per yard.

Ribbonzene Crinkle Ribbon No. 1. All colors. 500-yard spool \$1.00; doz. spools, \$10.80.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 8c; Six bolts at $7\frac{1}{2}$ c per yard.



Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 6c; 6-inch, per yard, 8c.

Corsage Shields. Lacette's. All colors. Per doz., \$1.75; gross, \$16.50.

Corsage Pins, 4-inch; assorted colors. Per gross, \$2.00.

Corsage Ties (Cord and Tassels) Per doz., 65c; per gross, \$6.50.

Silk Fibre Ribbon. One-inch wide in all colors. Per bolt of 50 yards, \$1.15.

Silk Fibre Ribbon

Metallic Chiffon Ribbon. This ribbon has a bright metallic lustre with striped edges, width $5\frac{1}{2}$ inches, for baskets and bouquets; we carry a stock of all colors. Bolts average 40 yards each; per yard, $5\frac{1}{2}$ c; 6-bolt lots, per yard, 5c.

Arveyware Vases and Flower Pot Covers

Are Made in Four Attractive Colors—Green, Silver, Gold, Crimson, and in Sizes Shown Below. Ready Sellers With Cut Flowers



Pedestal Vase



Vertical Vase



Pot Cover

Arveyware Pedestal Vases

No.	Height	Sizes Top Dia.	Shipping Wt. per Carton	Quantity Per Carton	Price
No. 7	7 in.	3 in.	8 lbs.	1 dozen	\$4.80 per dozen
No. 9	9 in.	4 in.	12 lbs.	1 dozen	6.00 per dozen
No. 12	12 in.	$4\frac{3}{8}$ in.	18 lbs.	1 dozen	7.80 per dozen
No. 15	15 in.	$5\frac{1}{2}$ in.	20 lbs.	$\frac{1}{2}$ dozen	9.60 per dozen

Arveyware Vertical Vases

No.	Height	Sizes Top Dia.	Shipping Wt. per Carton	Quantity per Carton	Price
No. 7	7 in.	3 in.	8 lbs.	1 dozen	\$3.00 per dozen
No. 9	9 in.	4 in.	10 lbs.	1 dozen	4.20 per dozen
No. 12	12 in.	$4\frac{3}{4}$ in.	16 lbs.	1 dozen	6.00 per dozen
No. 25	15 in.	$5\frac{1}{2}$ in.	18 lbs.	$\frac{1}{2}$ dozen	7.80 per dozen

Arveyware Flower Pot Covers

No.	Height	Sizes Top Dia.	Shipping Wt. per Carton	Quantity per Carton	Price
No. 7	7 in.	3 in.	11 lbs.	1 dozen	\$3.00 per dozen
No. 7	7 in.	7 in.	14 lbs.	1 dozen	3.84 per dozen
No. 8	8 in.	8 in.	17 lbs.	1 dozen	5.04 per dozen
No. 9	9 in.	9 in.	23 lbs.	1 dozen	6.24 per dozen
No. 10	10 in.	10 in.	28 lbs.	$\frac{1}{2}$ dozen	7.80 per dozen

Packed one dozen to a carton (Shipped only in full carton lots)

Prepared Leaves and Sprays

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, \$1.00; doz., \$10.80; in case lots of 125 bunches, \$35.00 per 100 bunches.

Natural (Yellow), bunch, 90c; dozen, \$9.60.

Write for prices on larger quantities.

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, \$2.35; 3 cartons, \$2.25 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, \$1.50; 6 cartons, \$1.35 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., 85c; 10 lbs. for \$7.00.

MATCH-STICKS. Dyed green; 5-inch, 80c; 12-inch, \$1.75; 18-inch, \$2.45 per 1000.

GREEN WIRED MATCH-STICKS. 3-inch, per carton of 8,000, \$3.50; 4-inch, per carton of 10,000, \$6.00; 4-inch box of 4,500, \$3.25; 6-inch box of 3,000, \$2.50.

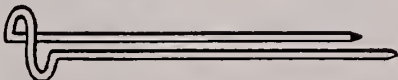
TOOTH PICKS. Wired. A time and money saver. These are put up in boxes containing 10,000 wired picks ready for use. Price, \$2.50 per box; case of 50,000, \$10.50.



Wood. 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 15 boxes, \$1.00; 35 boxes, \$2.00; 1 case, 100 boxes, \$4.75.

FERN PIN. New Philly.

The bend holds the leaves firmly; easier to handle. Per box, \$1.95.



PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., \$1.95 per box of about 11,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 75c; 10 boxes for \$6.50.

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., \$4.75; 50 lbs., \$8.75; 100 lbs., \$16.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.50.

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	\$ 6.50
12 to 16 in.	.70	3.00	32 to 36 in.	1.35	7.50
16 to 20 in.	.85	3.75	36 to 40 in.	1.50	9.00
20 to 24 in.	.95	4.50	40 to 44 in.	1.75	10.50
24 to 28 in.	1.00	5.25	44 to 48 in.	2.00	11.50

TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, \$1.95. Write for prices in larger quantities.

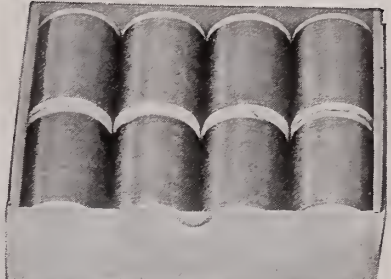
Silkalene. For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.25.

Polished Cotton. No. 228, for parcels. Per lb., 45c.

Jute. For bunching; 2 or 3-ply. Per lb., 30c; 10 lbs., \$2.65; per 100 lbs. \$22.00.

Florists' Thread, Green.

Best Yet brand. Similar to Silkalene. Samples on application. 8 spools to a box. Per lb. box, \$1.25; 10 boxes at \$1.15 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, 70c; 5 boxes at 65c per box.

WIRE. (Prices subject to change.)

Florist Wire on 12-lb. coils.

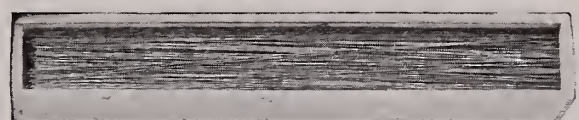
No. 18	\$1.15
No. 20	1.25
No. 22	1.40
No. 24	1.60
No. 26	1.75
No. 28	2.00
No. 36	3.25



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	\$1.20	\$1.40	\$1.60	\$1.65	\$2.10	\$2.65



FLORISTS' SNIPS (Especially suitable for cutting

wire, etc.) Each, \$1.25; 3 for \$3.50.



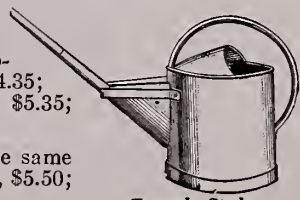
Improved Dental Snips. For cutting annealed wire, ribbons, chiffon, etc. Each, \$1.25; 3 for \$3.50.

IMPORTED NICKEL PLATED FLORISTS' SNIPS. For cutting wire, chiffon, ribbon, etc. A very handy pocket snip. Each, \$1.50.

WATERING POTS, American.

Heavy galvanized round can, 2 cop- per faced roses, long spout. 4-qt., \$4.35; 6-qt. \$4.75; 8-qt., \$4.95; 10-qt., \$5.35; 12-qt., \$5.85.

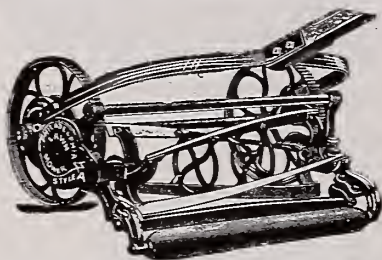
French Style. Oval, otherwise the same make as above. 6-qt., \$5.20; 8-qt., \$5.50; 10-qt., \$5.95; 12-qt., \$6.65.



French Style

Lawn Supplies for Parks and Cemeteries

Lawn Mowers



Philadelphia Lawn Mower

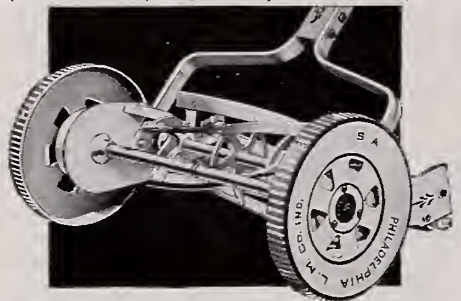
The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. We list the three highest grade machines made by the Philadelphia company. 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. \$18.50 17 in. \$20.50 19 in. \$23.50 21 in. \$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. \$14.75 16 in. \$16.75 18 in. \$18.75 20 in. \$20.50



Philadelphia Lawn Mower S-A. Highest grade ever built. Principal parts pressed steel. Practically unbreakable. Radical ball bearings throughout. Gears in air tight dust proof casing. Requires oiling but once or twice during season. Triple roller clutches in place of ratchets. Five crucible steel blades. Self sharpening. Prices, 15 in., \$25.00; 18 in., \$30.00; 24 in., \$35.00.

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.

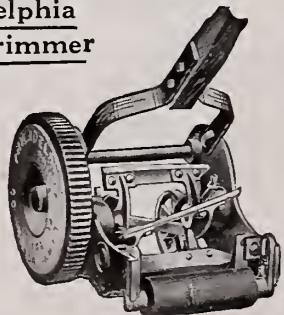
Ball-Bearings—Self-adjusting; dust-proof.

Bottom Knife—Tool steel; self-sharpening.

14-inch \$9.00 16-inch \$9.50 18-inch \$10.00

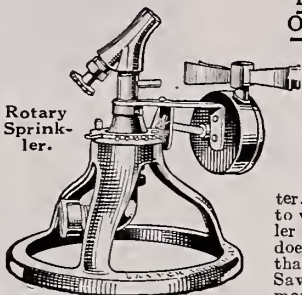
Philadelphia Lawn Trimmer

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 \$9.25, complete.



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.



RAIN KING, MAJESTIC.

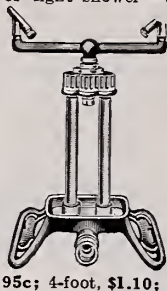
Each, \$6.50; 3 for \$18.00

GIANT, Each, \$12.50

MAMMOTH, Each, \$22.50

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.



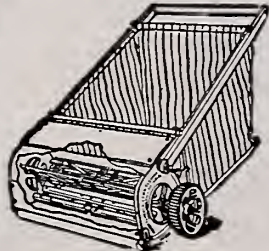
THE EVANSTON SPRINKLER

One of the best lawn sprinklers 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. Each, 70c; 3 for \$2.00.



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. Price, 24-inch wide, each, \$30.00.



GRASS HOOKS OR SICKLES

English. Riveted back. Each...85c
Domestic. Best quality.....75c

Kelly No. 4. Perfect grass hook. Each, 65c.



SCYTHE BLADES

Kelly Cloverleaf Dutch grass scythes, 32-inch, each \$1.50.

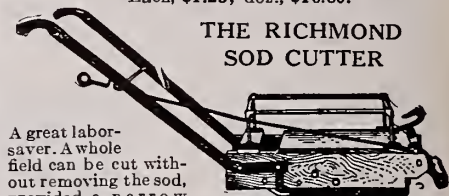


English, riveted back, 30-inch, \$2.75; 36-inch \$3.00. Scythe Snath, each, \$1.50. Scythe Stone. Natural, 15c each.

Doo-Klip Grass Shear

Each, \$1.25; doz., \$10.80.

THE RICHMOND SOD CUTTER



A great labor-saver. A whole field can be cut with-out removing the sod, provided a narrow strip of about one inch in width, is taken out at the start. Price, \$35.00.

Genuine Dunham Water-Weight Lawn Rollers



Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.

No.	in.	in.	in.	tons	Sec.	Wt., Filled	Price
WB5.....	18	24	1	85	265	\$14.50	
WB7.....	24	24	1	110	420	16.50	
WB9.....	24	32	1	130	565	18.50	

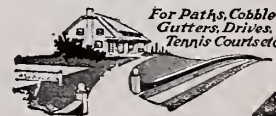
Dunham rollers with plain bearings slightly lighter than the roller-bearing rollers.

No.	in.	in.	in.	tons	Sec.	Wt., Filled	Price
WB2.....	14	24	1	68	175	\$10.50	
WB4.....	18	24	1	82	265	12.00	

WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. Price, \$9.50.

Write us for price and leaflet on Dunham Water-Weight Horse and Tractor Rollers.

"HERBICIDE" THE WEED EXTERMINATOR



For ordinary grass and weeds each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Live stock should be kept off the treated ground until the dead leaves wither away. Qt., 70c; gal., \$2.00; 5 gals., \$7.50; 10 gals., \$12.50; 30 gals., \$28.00; 50 gals., \$42.00.

Reade's non-poisonous weed killer, qt. can, 70c; gal., \$2.00; 5 gals., \$8.00.

Reade's NON-POISONOUS Weed Killer

PURFECK
Chickweed Eliminator; kills only the chickweed and does not injure the grass, making it unnecessary to dig out the patches where chickweed appears or replant or resod such portions of the lawn or turf. Price, qt., 75c; gal., \$2.00; 5 gals., \$9.00.

ATLACIDE
Non-poisonous Weed Killer Duster, especially recommended for obtaining weed-free drive ways, paths, tennis courts, and gutters. 1 lb. Duster kills 100 sq. ft. of weeds, price, 50c; 3½ lb. Duster kills 350 sq. ft. of weeds, price, \$1.50. Write for prices on larger sizes.



VAUGHAN'S HIGH-GRADE FERTILIZERS

Prices for Florists F. O. B. New York on ton lots. Cartage charged on smaller quantities.
The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter; beets become stringy, etc. Plant food of the right amount

and kind controls the yield and quality of market-garden products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

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.

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., 55c; 10 lbs., \$1.00; 25 lbs., \$2.20; 50 lbs., \$3.40; 100 lbs., \$5.20; 250 lbs., \$13.20; 500 lbs., \$25.00; 1000 lbs., \$46.00; 2000 lbs., \$88.00.

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 seed 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., \$1.40; 50 lbs., \$2.25; 100 lbs., \$3.85; 500 lbs., \$17.00; 1000 lbs., \$32.00; 2000 lbs., \$58.00.

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., \$1.80; 50 lbs., \$3.15; 100 lbs., \$5.85; 250 lbs., \$14.25; 500 lbs., \$26.75; 1000 lbs., \$51.00; 2000 lbs., \$98.00.

LOMA. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 1-lb. carton, 24 in a case, per case \$3.60; 5-lb. carton, 12 in a case, per case, \$4.00; 10-lb. bags, paper lined, packed 10 in a jute sack, per sack, \$5.67; 25-lb. bags, 4 in a sack, per sack, \$4.67; 50-lb. bags, 2 bags to a sack, per sack, \$4.34; 100-lb. bag, \$4.00.

PEAT MOSS GRANULATED. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 20 bushels, \$3.00. Write for quantity price.

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., \$2.60; 50 lbs., \$4.35; 100 lbs., \$8.25; 250 lbs., \$19.00; 500 lbs., \$36.50; 1000 lbs., \$68.50; ton, \$136.00.

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., \$1.15; 50 lbs., \$1.60; 100 lbs., \$2.45; 250 lbs., \$5.10; 500 lbs., \$9.25; 1000 lbs., \$17.25; 2000 lbs., \$33.00.

PURE RAW BONE. Coarse ground. (Ask us for sample.) This material appeals to every florist who has used it. Note high guaranteed analysis and special low price. Price, per 100 lbs., \$4.25; 500 lbs., \$19.00; 1000 lbs., \$32.00; ton, \$60.00.

MURIATE OF POTASH. Imported Potash once again available, should be used liberally, especially for all root crops. Price, 25 lbs., \$1.75; 50 lbs., \$2.90; 100 lbs., \$4.35; 500 lbs., \$19.75; 1000 lbs., \$38.00.

HARDWOOD ASHES. Genuine Canadian unbleached. 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., \$1.25; 50 lbs., \$2.15; 100 lbs., \$3.80; 500 lbs., \$15.65; 1000 lbs., \$28.25; 2000 lbs., \$52.50.

HORN SHAVINGS. Quick-acting and lasting. Price, 5 lbs., 95c; 10 lbs., \$1.50; 25 lbs., \$2.25; 50 lbs., \$4.10; 100 lbs., \$7.25; 500 lbs., \$31.00. 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., \$26.00.

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, 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$1.75; 500 lbs., \$6.50; 1000 lbs., \$10.00; 2000 lbs., \$18.00.

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., \$1.95; 50 lbs., \$3.50; 100 lbs., \$5.95; 500 lbs., \$24.00.

VIGOR. Is a specially prepared plant food, it contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. Price, 100 lbs., \$5.00; 500 lbs., \$21.00; 1000 lbs., \$39.00; 2000 lbs., \$77.00.

V. C. FAIRWAY GRASS FOOD. Compounded for the feeding of turf grasses and for no other plant or purpose; recommended by leading turf specialists and agronomists, for use on lawns, golf courses and parkways. Price, per ton, \$80.00. Write us for dealer prices on smaller size packages and for quantity lots.

BLOOM AID PLANT TABLETS. The best counter re-sale plant food for potted plants; put up in display cases of 24 pkgs. Retail at 25c per pkg. Price, per case, \$4.00. Write for quantity price.

BLOOM AID 100 lbs., \$5.00; ton, \$80.00.

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, 2 per cent; total phosphoric acid, 20 per cent.

Price, 5 lbs., 55c; 10 lbs., \$1.00; 25 lbs., \$1.65; 50 lbs., \$2.80; 100 lbs., \$4.35; 250 lbs., \$10.50; 500 lbs., \$20.00; 1000 lbs., 38.00; 2000 lbs., \$71.00.

Quantity Required.—For permanent pasture and mowing lands 1/2 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., \$1.50; 50 lbs., \$2.25; 100 lbs., \$4.25; 250 lbs., \$10.25; 500 lbs., \$19.50; 1000 lbs., \$37.00; 2000 lbs., \$70.00.

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. Strawn 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., \$1.35; 50 lbs., \$1.90; 100 lbs., \$2.60; 500 lbs., \$12.00; 1000 lbs., \$23.00; 2000 lbs., \$44.00.

SCOTCH SOOT. (Genuine Imported.) Imported. Prices F.O.B., Chicago. Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.70; 50 lbs., \$2.90; 100 lbs., \$4.85; 500 lbs., \$21.50.

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.

For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes), 25 lbs., \$1.65; 50 lbs., \$2.60; 100 lbs., \$4.50; 500 lbs., \$21.50; 1000 lbs., \$40.00.

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, 1-lb. can, 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00; 143 lbs., \$14.00.

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 pen. Price, 100 lbs., \$3.40; 500 lbs., \$16.25; 1000 lbs., \$30.25; 2000 lbs., \$57.50.

THOMPSON'S "SPECIAL" TOP DRESSING Chrysanthemum Manure An excellent stimulating manure for top dressing for Chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top dressing plants in pots during the growing season. Price, 7 lbs., \$1.10; 14 lbs., \$1.75; 28 lbs., \$3.25; 56 lbs., \$6.00.

THOMPSON'S VINE, PLANT AND VEGETABLE MANURE

So compounded as to combine stimulating with lasting effects. A safe and reliable Food and Stimulant for every Fruit-bearing plant, for Foliage and Flowering Plants, for Vegetables and out-door Plants of every description; admirably adapted for mixing with the soil when potting in the proportion of 4 lbs. to each wheelbarrow of soil. Price, 14 lbs., \$1.50; 28 lbs., \$2.75; 56 lbs., \$5.00; 112 lbs., \$9.00.

CLAY'S FERTILIZER. Prices F. O. B., New York. 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., \$1.10; 14 lbs., \$2.00; 28 lbs., \$3.50; 56 lbs., \$6.50; 112 lbs., \$12.00.

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.



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, medium size Bulbs	\$4.50	\$35.00
Equestra. Orange-scarlet.....	2.00	15.00



BEGONIA SINGLE

BEGONIAS

Tuberous-Rooted

	Doz.	100	1000
Single, separate colors, 1-1½-inch	\$1.30	\$ 8.50	\$ 80.00
Single, mixed, 1-1½-inch	1.25	8.00	75.00
Single separate colors, 1½-2-inch	1.40	9.50	90.00
Single, mixed, 1½-2-inch	1.35	9.00	85.00
Double, separate colors, 1-1½-inch	1.40	9.50	90.00
Double, mixed, 1-1½-inch	1.35	9.00	85.00
Double, separate colors, 1½-2-inch	1.65	12.50	115.00
Double, mixed, 1½-2-inch	1.55	11.00	100.00

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

NORTHERN GROWN

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

LILY OF THE VALLEY PIPS

C. 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

M. M. BRAND

Packed 250 to case.....	Per case	\$10.00
Packed 500 to case.....	Per case	18.00
Packed 1000 to case.....	Per case	35.00

FALL BULBS

Place your 1931
Fall Bulb orders
now and secure
the lowest import
prices and earliest
delivery.



CALADIUM

CALADIUM ESCULENTUM

(Elephant's Ear)

Sizes	Doz.	100	1000
5 to 7-inch circumference.....	\$0.55	\$ 3.50	\$30.00
7 to 9-inch circumference.....	.80	5.50	47.50
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.....	2.75	17.50	....

CALLAS—For Spring Planting

Elliotiana. This meritorious California novelty has not received the attention it deserves.

	Doz.	100
1½-inch.....	\$2.75	\$20.00

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	\$2.75	\$22.50
{ Second size, 3 to 4-inch	1.75	15.00
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

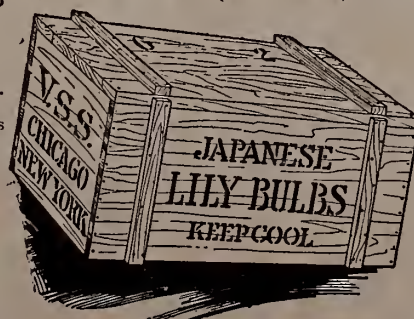
	Doz.	100	1000
APIOS TUBEROSA. Climber.....	\$1.15	\$7.50	\$70.00
CINNAMON VINES. Climber, large roots .....	.70	4.50	40.00
GLOXINIAs. Mixed, 1-1½ inch	2.75	20.00	....
HYACINTHUS CANDICANS. 1½-1½ inch	1.00	6.00	55.00
ISMENE CALATHINA	1.75	12.00	110.00
MADEIRA VINE. 2-3 inches.....	.55	3.50	30.00
MADEIRA VINE. 3 inches and up.....	.70	4.50	40.00
MONTBRETIAS MIXED.....	.55	3.50	30.00
OXALIS. In separate colors.....	..	.75	5.00
TIGRIDIAS MIXED.....	1.55	11.00	100.00
ZEPHYRANTHUS CANDIDA.....	.30	1.75	15.00
ZEPHYRANTHUS ROSEA.....	.75	5.00	50.00

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	20.00	22.00
MAGNIFICUM { 8 to 9 inches, 200 to case	2.25	16.00	30.00
RUBRUM { 9 to 11 inches, 140 to case	3.25	23.00	30.00



CANADENSE. Doz.	100
Yellow and orange.....	\$1.60 \$12.00
REGALE.	
4-6 inch.....	1.80 12.50
6-7 inch	2.50 18.00
PARDALINUM.....	2.00 15.00
SUPERBUM.	
Orange.....	1.60 12.00
TENUIFOLIUM.....	2.00 15.00
TIGRINUM	
Splendens.....	1.25 8.00
TIGRINUM FL. PL. ..	1.25 8.00
UMBELLATUM.....	
Mixed.....	1.60 12.00

Perennial Flower Seed Novelties

AQUILEGIA

Vulgaris Compacta Edelweiss. One of the earliest spring flowers. The plants are 6 to 20 inches high and covered with large fringed double blossoms. Trade pkt., 50c.

ASTER

Sub-Coeruleus Star of Eisenach. A new giant-flowered race of these popular spring Asters. Brilliant center-flue Marguerite with yellow centers thrown to sides that open in arcs across and in flower end of May to July. Trade pkt., 50c.

CAMPANULA

Glomerata Superba. Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. A splendid cut-flower and bouquet variety. In full bloom purple shade June-July. 20 in. Trade pkt., 50c. 1/2 oz., \$1.00.

CARNATION

Grenadin Tausendschon. This new variety shows a wonderful play of color—rims are rose and toward nose to bright pink. Brings a high percentage of double flowers. Trade pkt., 50c. 1/4 oz., \$1.50; oz., \$3.00.

CHELONE

Barbata Praecox. (Earl Fl.) These early flowering hybrids grow about 2 to 4 ft. high with flowers ranging in shade from white to rich red in pretty rows—a desirable cut flower. Trade pkt., 25c. oz., 80c.

DELPHINIUM

Elatum Hybridum Lamartine. Single dark blue. Trade pkt., 50c, 1/2 oz., \$1.25; oz., \$3.00.

Mrs. H. J. Jones. Single Camarotte type, extra long spike. Trade pkt., 50c, 1/2 oz., \$1.25; oz., \$3.00.

Rev. E. Lascelles. Deep violet blue large clear white eye. Trade pkt., 50c, 1/2 oz., \$1.25; oz., \$3.00. This above varieties come almost true from seed.

DIANTHUS PLUMARIUS

Spring Beauty. Extra double semi-flowering plants or clays pink, variegated in form and size and with a beautiful range of color. Very fragrant and easy of culture. Trade pkt., 50c. 1/2 oz., \$1.25; oz., \$3.00.

DIELYTRA

Spectabilis Bleeding Heart. Seedling with flowers become rose. Trade pkt., \$1.00; oz., \$3.00; oz., \$11.00.

GALLIARDIA

Burgundy. Strong variegated double about 4 ft. in diameter at base and 2 ft. from July until Fall. Blooms through to the end of season early, comes off in full, true from seed. Trade pkt., 50c.

Tangerine. Compact double large, 10" across, golden hue and brilliant red center of all summer bloom. Trade pkt., 50c. 1/2 oz., \$1.00; oz., \$3.00.

HOLLYHOCK

Double Imperator Improved. 4 to 5 ft. Flowers measure 1 to 2 ft. across with an extremely new formation. The colors are composed of a very broad colored stripe and fringed petals in many odd and so-called shades. Very vigorous branching type. Trade pkt., 50c. 1/2 oz., \$1.00.

IXCARVILLEA

Grand flora Blue eyes Jersey Garden Gloxinia. Large flowers, bright blue shade. Very hardy, does well. Trade pkt., 50c. 1/2 oz., \$1.00; oz., \$3.00.

LUPINUS

Polyphyllus Chocolate Soldier. Yellow, purple and white. Trade pkt., 50c. 1/2 oz., \$1.00; oz., \$3.00.

LYCHNIS

Chalcidonia Salmon Queen. Beautiful salmon shade. 3 ft. Trade pkt., 50c. 1/2 oz., \$1.00; oz., \$3.00.

GENOTHERA

Clutei. From a large seed and some leaves it throws up a beautiful stalk some 5 ft. in height bearing an ample profusion of flowers of a rich yellow hue. Grows in flower in late July and shows its beauty during the July and the early part of the August. Trade pkt., 50c. 1/2 oz., \$1.00; oz., \$3.00.

POPPY

Nudicaule El Monte. Double deep tangerine orange which from the part Advertiser Hybrids. The double form of enormous size borne on long wiry stems. Trade pkt., 50c. 1/2 oz., \$1.25; oz., \$3.00.

Nudicaule Sunbeam Deep Yellow. A large flowered and strong-growing form. 17 to 18 in. high. Very rich color and beautiful fringing. Trade pkt., 50c, 1/2 oz., \$1.25; oz., \$3.00.

Nudicaule Sunbeam Orange. Trade pkt., 50c; 1/2 oz., \$1.25; oz., \$3.00.

Nudicaule Sunbeam White. Trade pkt., 50c; 1/2 oz., \$1.25; oz., \$3.00.

RANUNCULUS

Asteticus Ravenna. A very large form in seed raised and introduced from Italy. It produces flowers of the double form of a pale yellow color with simple and double forms and is excellent for cutting. Trade pkt., \$1.00; 1/2 oz., \$1.00; oz., \$3.00.

SENECIO

Cilvorum Orange Queen. Single border plant. Very fragrant. Blooms from July until August. Trade pkt., 50c.

Cilvorum Debut. A single double variety with dark orange flowers. In culture. 1 ft. Trade pkt., 50c.

STATICE

Dunlop. New double variety of pure silver-grey flowers. An original feature. 30 in. Trade pkt., 50c.