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BOOK FOR FLORISTS

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SPRING —1934—



Types of our California Giant and Dwarf Giant Petunias

Vaughan's Seed Store

CHICAGO ▼ ▼ NEW YORK



STOCKS White Wonder



NASTURTIUM Golden Gleam

NASTURTIUM Golden Gleam

This novelty which proved so popular is readily adaptable for greenhouse culture, providing large golden yellow semi-double fragrant flowers, on long, stiff stems. When sown in the greenhouse with sweet peas the plants will grow from 6 to 8 feet. $\frac{1}{2}$ oz., 20c; oz., 30c; lb., \$3.00.

STOCK White Wonder

It is a tall growing variety of the Bismarek type in habit and season. The heads are very large and the individual flowers are closely set and of extraordinary size. 1,000 seeds, \$1.00; $\frac{1}{8}$ oz., \$1.50; oz., \$10.00.

MARIGOLD Guinea Gold

A very distinct type of Marigold, of graceful pyramidal habit, growing 2 to 2 $\frac{1}{2}$ feet high, and producing 30 to 40 flowers, 2 to 2 $\frac{1}{2}$ inches across, of a brilliant shade of orange flushed with gold, resembling Camations. Unlike the ordinary African Marigold, this variety produces few single flowers, but practically 100 per cent., semi-double. The characteristic Marigold odour, too, is much less pungent than in other sorts. 2 $\frac{1}{2}$ ft. Lb., \$14.00; $\frac{1}{4}$ oz., 40c; trade pkt., 25c; oz., \$1.50.



MARIGOLD Guinea Gold

At Last

the Turn Has Come

UNMISTAKABLE signs of business recovery are evident throughout the world. The rising phase of the business cycle is well under way.

Higher prices are inevitable, higher for the goods you buy, but also higher for the goods you sell. The prudent merchant will make sure that he does not run short in an advancing market.

While the trend is unmistakable in other lines, and it must soon affect the florists, you are fortunate in still being able to purchase the materials which produce flowers at figures which have advanced little if at all from the season's lows.

Prices in this book have not been raised, except where increases were forced upon us by the higher cost of purchases. But we must reserve the right to advance these prices without notice.

Always you may depend upon being able to buy from us at the lowest prices possible to make without sacrificing in the least degree the high quality which 58 years' experience have led our customers to expect of Vaughan's Seed Store merchandise.

Florists will understand that never can a saving on initial cost compensate for any lack of quality in materials on which you expend so much more than their first cost before bringing them to market.

Vaughan's Seed Store

Leonard H. Vaughan

President

Home Gardening Will Expand Under the New Deal

A GREAT increase in the demand for garden seed is certain to result from the increase of leisure time and the disappearance of relief rolls under the N. R. A. programme.

Millions of Americans have learned the pleasure and profit of gardening. With restored incomes, they will increase their seed purchases. Widespread distribution of seeds by relief agencies may be expected to disappear, and seeds sown must be purchased.

If you have failed in the past to get your share of this business do not delay any longer, but sign the contract at the bottom of this page and make sure of an assortment of Vaughan's Seeds which will come to you on consignment, without expense or investment on your part.

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.

No florist should overlook this opportunity to share in a business which really belongs to him. Send us your contract now!

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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 1934. 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 _____

Novelties and Specialties of 1934

PETUNIA

Giants of California

Illustrated on Front Cover

This is a most superb mixture, not at all to be compared with the seed usually offered. Trade pkt., 50c; 1/32 oz., \$1.25; 1/16 oz., \$2.00; oz., \$28.00.

Dwarf Giants of California

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. Trade pkt., \$1.00; 1/32 oz., \$2.80; 1/8 oz., \$8.00.

Radiant New Snapdragons NEW ENGLISH SNAPDRAGONS "MAJESTIC" Half Dwarf Sorts

A new type of Snaps with flowers of the Maximum sorts and in height of the Semi-tall sorts.

Avalanche. Masses of snowy white flowers. Trade pkt., 50c; 1/8 oz., 85c.

"Dawn O'Day." Of upright habit, with massive spikes of extra fine shape. The large flowers open a pale rose pink, quickly developing into a pure apricot. Trade pkt., 50c.

Delight. Delicate salmon-pink. Trade pkt., 50c; 1/8 oz., 85c.

Eldorado. Deep golden yellow, the richest tint to date in this family. Trade pkt., 50c; 1/8 oz., 85c.

Golden Dawn. Golden buff overlaid salmon. Trade pkt., 50c; 1/8 oz., 85c.

Orange King. An exquisite blend of shades, rich terra cotta above, the lip golden yellow merging to pure deep orange at the base. Trade pkt., 50c; 1/8 oz., 85c.

Red Chief. Rich deep scarlet. Trade pkt., 50c; 1/8 oz., 85c.

Rose Beauty. A charming rose pink self. Trade pkt., 50c; 1/8 oz., 85c.

Rose Marie. Light salmon rose with gold center. Trade pkt., 50c; 1/8 oz., 85c.

Sunset. Color bright terra cotta above, shading gradually downward into rosy salmon. Trade pkt., 35c; 1/4 oz., 60c.

Twilight. Delicate apricot with yellow and salmon shading. Trade pkt., 50c; 1/8 oz., 85c.

Majestic Mixed. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.40.

Improved Early Flowering

Especially recommended for outdoor planting. The colors are uniform, fixed and true. The habit is uniform, height about 2 1/2 feet. They come into bloom three weeks earlier and are in full bloom one month earlier. There are more flowers in full bloom at one time to a spike and owing to their early flowering habit they appear to be more rust-resistant than any other Snapdragon.

Early Rose Pink Early Pure White

Early Bright Yellow Early Soft Pink

Early Bright Scarlet

Each of the above, Trade pkt., 25c.

Medium Height, Large Flowering

Flame. Brilliant orange-scarlet self. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40.

His Excellency. Brilliant orange scarlet with dark throat. Trade pkt., 35c; 1/8 oz., 60c.

Red Emperor. Rich deep scarlet, compact habit. Trade pkt., 50c.

Tangerine. A brilliant attractive shade. Trade pkt., 50c; 1/8 oz., 85c.

Rock Hybrids

The plants form compact tufts 4 to 6 inches high, covered with miniature flowers. Valuable for rockeries, small beds and edgings, as well as for pot plants in the greenhouse.

White Gem. Trade pkt., 50c.

AGERATUM

Blue Cap. 6 in. The flowers are larger than Little Blue Star and of a deeper, richer color. It surpasses Blue Ball in dwarf compactness of habit and the regular form of its inflorescence. Fine for edgings to flower borders. Trade pkt., 50c; 1/4 oz., 90c; oz., \$3.00.

Little Silver Star. Distinguished for compact, close habit. The plants are 4 to 5 inches high, from 8 to 10 inches across. When flowering they are thickly covered with silver grey star-like flowers. The seedlings come as true as can be expected from Ageratum. Trade pkt., 50c.



ASTER Super Giant Los Angeles.

ARCTOTIS

Hybrids. An introduction from South Africa. The showy daisy-like flowers, 2 1/2-3 inches across, come in orange, terra cotta, red, yellow, carmine and coppery rose. It is excellent as a border plant. 8-12 inches in height. Trade pkt., 35c; 1/4 oz., 60c; oz., \$2.00.

Scapigera. A wonderful new annual producing flowers 3 inches in diameter, resembling those of the Shasta Daisy, of a soft lilac, on long slender stalks, about 18 inches in height. Makes delightful cut flowers. In bloom all summer and fall. Trade pkt., 50c.

ASCLEPIAS CURASSAVICA

A charming subject for indoor or greenhouse decoration. The inflorescences of orange-red flowers, which arise from the axils of the leaves are freely produced and of long duration, while the whole plant is of stiff and erect habit seldom requiring any form of support. Although a perennial, seed sown early produces fine specimens for first season. Trade pkt., 25c; 1/4 oz., 60c.

ASTERS OF NEW TYPES

All Saints. The plants form globular, compact bushes, 10 inches high and covered with large, double, perfect, long-lasting flowers. Specially suited for pots, groups and borders.

All Saints Blue. Trade pkt., 35c; 1/4 oz., 60c; oz., \$2.00.

All Saints White. Trade pkt., 35c; 1/4 oz., 60c; oz., \$2.00.

Scarlet King (Beacon). The finest red Aster. Plants stand 16 to 20 inches high and in growth resemble the Rose Aster. Every flower is fully double and the color is even more intense than Heart of France. Excellent for cutting. Trade pkt., 35c; 1/4 oz., 70c.

New Super Giant Los Angeles. It is of the general habit of The Giants of California, but earlier and much larger and more artistic, due to curling and interlacing petals, giving a light feathery effect. The color is a pure shell pink, stems stronger and unusually long, while no disbudging is necessary due to the non-lateral habit. Trade pkt., 50c; 1/4 oz., 85c; oz., \$3.00.

Giant Mammoth Peony Flowered

The flowers are immense, very double, borne on long, stout stems, free from laterals. Splendid for cutting as they keep longer than any other variety.

Azure Fairy. Clear azure blue.

Rosebud. A clear, deep rose.

Maiden's Blush. Delicate flesh.

Swan's Down. Pure white.

Peachblossom.

Each of above, Trade pkt., 35c; 1/4 oz., 60c; oz., \$2.20.

Mixed. Trade pkt., 35c; 1/4 oz., 55c; oz., \$2.00.

Novelties and Specialties of 1934



CALENDULA Chrysantha or Sunshine.

ANNUAL CANTERBURY BELLS

Many years of careful selection have at last given us an Annual Canterbury Bell which blooms from seed in less than six months. It should now be possible to have this beautiful flower in bloom at almost any time of the year. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Angelus Bell. A beautiful art shade of deep rose. Trade pkt., 35c; ¼ oz., \$1.00.

Liberty Bell. An intense violet-blue. Trade pkt., 35c; ¼ oz., \$1.00.

Mixed Annual Canterbury Bells. Contains dark and light blue, pink, rose and white. Trade pkt., 25c; ¼ oz., 60c; oz., \$2.00.

CHRYSANTHEMUM

Japonicum Double Anemone Flowered Finest Mixed. The flowers are beautifully quilled, 2 to 3 inches across and include an assortment of gold and bronze. Blooms from seed the first year, if sown early. Trade pkt., 50c; ¼ oz., \$1.20.

Nivelli. This new variety produces a bushy growth, with an abundance of beautiful, pure yellow, single flowers all summer and fall. The flowers measure 2 to 3 inches across. They have long stems, and are excellent for cutting. Easily grown in any ordinary garden soil. 2½ ft. Trade pkt., 15c; oz., 80c.

CELOSIA (Cockscomb)

Lilliput. The plants attain 12 inches, with 15 to 20 branches of even length all terminated by brilliant feathery cockscombs. Fine for bedding and for pots. We offer in two colors.

Fire Feather. Red. Trade pkt., 50c.

Golden Feather. Yellow. Trade pkt., 50c.

Spicata. Plants are erect, 3 feet in height, branching freely, each stem terminating in a slender spike of bloom, of a soft bright rose, changing to silver-white. Trade pkt., 25c.

GODETIA

Sybil Sherwood. Salmon-pink, blended with orange, which is softened by white border. The plant is about 20 inches tall, is equally suited for borders, pots or cut flowers. Trade pkt., 25c; oz., \$1.80.

Thunderbolt. Darkest crimson yet introduced. The habit is dwarf and compact. Trade pkt., 35c; oz., \$2.00.

Wild Rose. The color is a pale rose. It grows to 6 inches and when in full bloom the plant is entirely hidden from view. Trade pkt., 25c.

White Swan. 1 ft. New, improved pure satiny white, dwarf and compact. Trade pkt., 35c; oz., \$2.00.

CLARKIA □

Albatross. Double pure white. Trade pkt., 20c; oz., \$1.00.

Enchantress. Salmon pink. Trade pkt., 15c; oz., 80c.

La France. Pale salmon pink. Trade pkt., 20c; oz., \$1.00.

Salmonea Perfecta. (New.) True salmon, extra double. Trade pkt., 20c; oz., \$1.00.

BROWALLIA SAPPHIRE

A wonderfully compact little plant, 9 or 10 inches high, sometimes bearing over a hundred dark blue flowers with a white eye, suggesting a large flowered Lobelia. Makes a fine pot plant. Trade pkt., 50c; ¼ oz., \$1.00.

CALENDULA

Chrysantha or Sunshine. Large, double flowers borne on exceptionally long, stout stems, while the petals are long, broad and drooping, giving the flower a globular form. Of a pleasing buttercup-yellow, it is a fine cut flower. Trade pkt., 25c; ½ oz., 40c; 1 oz., 75c; lb., \$8.50.

Pastel Bedding Mixture. Designed especially for the home garden, this mixture contains a balanced combination of the lighter shades of Calendulas in the dwarfier growing types. New shades of apricot, salmon, cream, and white are included as well as the better known orange and lemon shades. Trade pkt., 35c; ¼ oz., 50c; oz., \$1.40; lb., \$12.00.

For other Calendulas, see page 10.



ANNUAL CANTERBURY BELLS

LARKSPUR

Giant Imperial Blue Bell. Medium blue larkspur, a color up to this time lacking in the Giant Imperial type. The type is decidedly upright, with long basal branched flowering spikes, well adapted for cutting. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.40.

Stock Flowered, Rosamond. Gold Medal Variety. A pure rose, a tone which has been lacking in larkspurs. It holds the pure rose color until out of flower. It is very uniform in height, and comes into flower two weeks earlier than other Stock Flowered varieties. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.40; lb., \$16.00.

LOBELIA

Blue Gown. (New.) Deep blue, without eye, compact habit. Trade pkt., 35c; ¼ oz., 75c.

Blue Stone Re-Selected. It is the result of many years of single plant selection. Compact habit, large flowers of brilliant mid blue. Trade pkt., 35c; ¼ oz., 75c.

LUPINUS HARTWEGII GIANTS OR KING LUPINES

King Blue. Enormous spikes of rich Oxford Blue, enhanced by a pure white stripe. They are base-branching, with six to eight spikes to a plant. In beauty of size and color they match perennial Lupins. 3 to 4 ft. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

King White. Enormous white spikes, exquisitely scented. Trade pkt., 25c; ¼ oz., 50c; oz., \$1.60.

MARIGOLD

Double Tall African Prince of Orange. An English selection. Claimed to be the best of the orange strain. Stiff stemmed. Trade pkt., 25c; oz., \$1.20.

"Gnome" Miniature Marigold. A dwarf form of Signata Pumila. The plants are more dwarf, even and compact, and produce more flowers than the type. Trade pkt., 25c.

MYOSOTIS "BLUE BASKET"

This is the darkest of all Forget-Me-Nots. Plants grow upright and are splendid for borders or cutting. Trade pkt., 35c; ¼ oz., 65c; oz., \$2.20.

NICOTIANA SUAVEOLENS (Orange Blossom)

An elegant small-flowered pure white species; delightfully scented; even, upright growth. Trade pkt., 35c.

LATE PANSY INTRODUCTIONS

Pansies are one of our specialties and we are constantly on the trail of new and unusual varieties. We take pride in knowing we are the introducers of the Swiss Giants and the Maple Leaf Giant Pansies, for which see back cover page for illustration, description and prices.

"Cupid." The small flowers are produced in profusion and are perfectly round, of good substance, and all have five large blotches. Nearly all the existing Pansy colors are represented. Especially suited for borders and window boxes. Trade pkt., 50c.

Novelties and Specialties of 1934

PETUNIA

See Front Cover and Page 1 for California Giants and Dwarf California Giants.

All-Double Giant Fringed Mixed. Produces 100% double mostly of the Giant Fringed type; the percentage of small flowering doubles does not exceed 22%, the remainder will be all large flowering fringed doubles. The flowers often measure 5 inches, exquisitely ruffled and fringed and contain a good range of brilliant colors. 1000 seeds, \$2.00; ¼ oz., \$5.00.

Giant Double Fringed Rose Queen. Bright rose-pink with immense fringed flowers 5 to 6 inches in diameter. Quite true from seed and very double. 1000 seeds, \$2.00.

Giant Double Fringed Rose Pink and White. Bright rose-pink with a large white frill. Many flowers are 5 and 6 ins. in diameter. It comes quite true and very double. 1000 seeds, \$2.00.

Double Dwarf Large-Flowering Fringed Mixed. Flowers frilled, large and quite double in a fine range of colors. 1000 seeds, \$1.00; ¼ oz., \$4.00.

Dwarf Pink Gem. It forms compact plant 5 to 6 inches high, smothered with deep pink blooms. A plant 8 inches in diameter will carry as many as twenty-five to thirty-blooms in flower at one time. Individual blooms are 2 in., in diameter. Trade pkt., \$1.00.

Balcony Petunias. We offer three new colors—**Corn Flower Blue**, several shades lighter than the regular Balcony Blue. Free-blooming and attractive. Trade pkt., 25c; ⅛ oz., \$1.00.

Coppery Rose, a beautiful warm color, free bloomer. Trade pkt., 35c; ⅛ oz., \$1.30.

Netted Blue Gem. A steel blue veined with a deep violet. The flowers are large and cluster together. Trade pkt., 35c; ⅛ oz., 85c; ⅛ oz., \$1.50.

Queen of the Market. Deep carmine red with a scarlet hue. The blooms are 3½ in., fine shape and slightly waved. They grow profusely in slender stems on freely branching plants 2 feet high. Trade pkt., 50c; ½ oz., \$2.00.

Fringed Purple Beauty. A large flower beautifully frilled of a rich royal purple. 1000 seeds, \$1.00; ¼ oz., \$2.00.

Giants of California Camilla. A lovely rose-pink, rich crimson veining and deep purple-crimson throat. The flowers are 5 to 6 in. across. 1000 seeds, 50c; ½ oz., \$2.00.

SCABIOSA

Improved Giant Hybrids

Particularly large, massive blooms in an unusual number of rare colors. Trade pkt., 25c; oz., \$1.00.

STOCKS

Excelsior Column

These produce one enormous spike 2 to 2½ ft. high with large flowers, and can be planted close together in the bench which makes them a profitable type. Are in season with Bismarck variety.

White Chamois Rose Rose
Light Blue Dark Blue Crimson

Silvery Lilac (Lilac Lavender)
Each of above: 1000 seeds, \$1.00; ⅛ oz., \$1.50; ¼ oz., \$2.70; oz., \$9.00.

Excelsior Column. Mixed, all colors. 1000 seeds, 75c; ⅛ oz., \$1.20.

Appleblossom (Dwarf White). 1000 seeds, \$1.00; ⅛ oz., \$1.50.

Ruby. A good color for greenhouse. 1000 seeds, \$1.00; ⅛ oz., \$1.50.

Illusion. Vivid crimson. 1000 seeds, \$1.00; ⅛ oz., \$1.50.

STATICE

Puberula. Flowers 5 months after sowing, grows 4 to 6 inches and forms large, dark violet blooms. It can be used for pots and rock gardens. Turfy loam mixed with peat and plenty of sand is the most suitable soil. Trade pkt., 50c; ¼ oz., 80c; oz., \$2.80.

Sinuata New Hybrids. New colors, particularly those known as Art Shades. Fine for summer decoration in the garden and for winter bouquets as well. Trade pkt., 15c; oz., 80c; lb., \$5.00.

Sinuata True Blue (Kampf's Improved). A dwarf form. Very desirable for winter bouquets. Trade pkt., 15c; oz., 80c; lb., \$5.00.

SALVIA

Horminum, Oxford Blue. The bracts are Oxford-blue, very broad, and of a pureness of tone that can be found in no other annual. Trade pkt., 35c.

Splendens Harbinger. The plants are dwarf and compact and the strong dark foliage is very effective against the vivid hue of the flowers; seeded in February will begin to flower in June and maintain a blaze of color until frost. Trade pkt., 50c; ¼ oz., 90c; oz., \$3.40.

Farinacea Blue Bedder. A more compact form than the original type with deeper blue flower. Trade pkt., 50c; ¼ oz., 90c; oz., \$3.00.

THUNBERGIA GIBSONI

A graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of glowing orange. Seed should be started inside. 100 seeds, \$2.20; 1000 seeds, \$20.00.

VERBENA

Beauty of Oxford Hybrids. A cross between Verbena Luminosa and Beauty of Oxford. It inherits a touch of salmon-pink from Luminosa which softens the Beauty of Oxford coloring. Flowers are half as large again as Beauty of Oxford and will easily cover a silver half-dollar. The foliage is a dark cress green. Trade pkt., 35c; ¼ oz., 65c; oz., \$2.20.

Helen Willmott. Bright salmon-rose with white eye. The seed produces a small percentage of varying shades. Trade pkt., 35c; ¼ oz., 60c; oz., \$2.00.

Garnet. Similar in foliage and habit to Defiance. The flowers are a shining garnet. Trade pkt., 25c; oz., \$2.00.

Royal Bouquet Mixed. 15 to 18 in. Instead of a roving, creeping habit this variety has an upright growth on straight stems making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors. Trade pkt., 35c; ¼ oz., 65c; oz., \$2.20.

Dwarf Compact Varieties—6 in.

This group very neat and compact in habit. They are continuous bloomers, particularly adapted for bedding, borders and gardens.

Blue with White Eye.

Chamois. Pale chamois tinted buff.

Dark Blue. Almost a rich purple.

Garnet. Very erect.

Fireball. Bright scarlet blooms.

Pink.

White. Heads of creamy white flowers.

Each of above: Trade pkt., 35c; ¼ oz., 60c; oz., \$2.25.

Carmine Ball. Similar in form to Fireball. It forms a symmetrical plant about 10 in. high and 12 in. across, covered with bright carmine flowers. For bedding, pots and borders. Trade pkt., 50c; ¼ oz., \$1.25; oz., \$4.00.

Danebrog. Very compact growth. Flowers of intense scarlet with a contrasting large white eye. Trade pkt., 50c; ¼ oz., \$1.25; oz., \$4.00.



LARKSPUR Giant Imperial Blue Bell

Novelties and Specialties of 1934

Perennial Flower Seed

ACHILLEA CERISE QUEEN

Dark cherry red flowers, decorative in the border and useful for cutting. Trade pkt., 35c.

ANCHUSA DWARF DROPMORE

This dwarf variety is of a much less spreading habit than either the Dropmore or Lisadell varieties and bears larger and brighter flowers. Trade pkt., 50c; 1/8 oz., \$1.00.

ANEMONE

Coronaria Creagh Castle Strain. Of Irish origin of the St. Brigid strain. The flowers are large and the range of color exceptional. Trade pkt., \$1.00; 1/4 oz., \$2.70; oz., \$10.00.

Coronaria The Governor. Double bright scarlet flowers. Trade pkt., 50c; 1/4 oz., 85c; oz., \$3.00.

AQUILEGIA

Long-Spurred Copper Queen. Petals and outside of corolla, deep copper with long spurs of a deeper hue, while inside of corolla is a buff. Trade pkt., 50c; 1/8 oz., \$1.20.

Long-Spurred Crimson Star. Brilliant, crimson. Trade pkt., 75c; 1/16 oz., \$2.00.

Long-Spurred Blue Shades. Blue from light to dark. Trade pkt., 35c; 1/4 oz., 85c; oz., \$3.00.

Long-Spurred Orange and Scarlet Shades. An unusual color range. Trade pkt., 35c; 1/4 oz., 85c; oz., \$3.00.

Colorado Rainbow Hybrids. Includes twenty-two color combinations of the Native Columbine. Trade pkt., 50c; 1/4 oz., 85c; oz., \$3.20.

BEAUTY BUSH

A free flowering shrub of extreme hardiness, 5 to 7 ft. Flowers are borne in rounded clusters of pure pink color followed by curious cobwebby fruits. Introduced from China by E. H. Wilson. The botanical name is *Kolkwitzia Amabilis*. 100 seeds, 15c; 1000 seeds, \$1.00.

CAMPANULA OLYMPICA

A fine alpine from the Olympian Mountains. It grows 10 to 12 inches and blooms freely. The light blue bells are about one-inch across. Trade pkt., 50c; 1/64 oz., \$1.20.

CHRYSANTHEMUM MAWII

A perennial Chrysanthemum with rich pink flowers, perfectly hardy, height about one foot, flowers two inches across, silvery foliage. Trade pkt., 50c; 1/16 oz., \$1.00.

COREOPSIS (Tickseed)

Lanceolata Grandiflora Fl. Pl. Special Selection (Double Flowered Coreopsis). A new double and semi-double form. Trade pkt., 15c; oz., 50c; lb., \$5.20.

Diadem (Grandiflora Auriculata Superba). Its large single deep yellow flowers, measuring 3 inches across are encircled by a serrated band of brownish red. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.20.

Mayfield Giants. A fine perennial of Australian origin. It produces a taller and more vigorous plant with larger blooms. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.20.

SHASTA DAISY—DIENER'S DOUBLE

They come 50% good double. Some very good white, others creamy white, balance single to semi-double. Trade pkt., 50c.

DELPHINIUM

Chinese Cambridge Blue. 2 to 3 ft. A really good light blue, brighter than *Belladonna*. Trade pkt., 35c; 1/4 oz., 65c; oz., \$2.40.

Elatum Iceberg. This is the first white perennial Delphinium which comes true from seed. 4 ft. Trade pkt., 50c; 1/4 oz., \$4.25; oz., \$16.00.

Clarke's Hybrids. Seed is saved from the finest of large flowered varieties and contains single, semi-double and double flowers of pale and silvery blue, silvery mauve, lavender, soft blue, brilliant blue and dark gentian blue flowers. Trade pkt., 50c; 1/4 oz., \$1.25; oz., \$4.80.

Hoodacres White. A splendid selection from a well-known strain. Trade pkt., 50c; 1/8 oz., \$2.00.

DIANTHUS (Hardy Pink)

Plumarius Highland Queen. The most brilliant perennial Dianthus in cultivation, bearing in profusion flowers of a lustrous scarlet-vermilion color. Trade pkt., 75c.

Plumarius Highland Rose Hybrids. The ground color of the flower is generally a pleasing clear rose with deeper zone of various shades of red. Trade pkt., 75c.

Winteri. Striking new Pinks awarded First-Class Certificate by R. H. S. The flowers are of bold form, pure colors, habit compact and flowers first year from seed, deliciously scented, ideal rock plants. Trade pkt., 75c; 1/16 oz., \$2.00.

GYPSOPHILA PACIFICA

The seedlings form dense bushes and attain a height of 4 ft. the second year. Bears tiny pink blossoms later than the *Paniculata*. Good for cutting. 4 ft. Trade pkt., 50c; 1/4 oz., \$1.20; oz., \$4.00.



ANEMONE *Coronaria Creagh Castle Strain*

HOLLYHOCK

Double Triumph. Grows 4-5 ft. high and is of branching habit all the stems being studded by prettily waved and fringed flowers which appear in an entirely new range of colors and combinations of colors. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.80.

Vert Dwarf Double. This is a dwarfier strain than the well known Chaters', the flowers are more fully double and placed very compactly on the stems.

James Vert. Blood red.

Lady Bailey. Blush pink.

Queen of Yellow. Yellow.

Each of the above, trade pkt., 35c; 1/4 oz., 60c; oz., \$2.00.

LINUM

Flavum Compactum Nanum. Dwarf flax, a glowing golden yellow with dark green foliage. It blooms for months and bears a second crop in the autumn. Trade pkt., 50c; 1/8 oz., \$1.00.

LUPINUS POLYPHYLLUS

Atro-Violaceus. The flowers are a dark blue, very large size, a great improvement in color and size over original type. Trade pkt., 35c; 1/4 oz., 60c; oz., \$1.80.

Salmonus. Many tender salmon shades coming quite true from seed. Trade pkt., 35c; 1/4 oz., 65c; oz., \$2.40.

NEPETA SOUVENIR ANDRE CHAUDRON

Very distinct upright habit, mint-like spikes of dark blue flowers very freely produced. One ft. Trade pkt., 50c.

PENTSTEMON BLUE GEM

The delightful addition to the list of rock garden subjects. Plants grow dwarf and compact with many spikes of a charming blue flower. Trade pkt., 25c; 1/4 oz., 60c; oz., \$2.00.

PLATYCODON GIGANTEA BLUE

Early flowering of gigantic size. Individual flower measures as large as 4 inches across and starts flowering from August on until frost kills them. They grow up over 2 1/2 feet from roots, but from seed, they start flowering at the height of 5 inches. From seed they show some percentage of variation both in color and in size of flower. Trade pkt., 35c; 1/4 oz., 70c; oz., \$2.40.

PYRETHRUM ROSEUM

Grandiflorum Rubrum. This is a variety of true grandiflorum type, bearing the flowers on strong, stiff stems. The color is a shade between deep rose and atrosanguineum and might best be described as deep ruby-red. Trade pkt., 75c; 1/8 oz., \$1.50.

Double Red. A new selection. The flowers will be large size in an attractive warm shade of red and will come fairly double from seed. Trade pkt., \$1.00; 1/8 oz., \$2.00.

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



AGERATUM Blue Ball

For 49 Years we have been specializing in flower seeds and it has always been 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 29 to 40.

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

Florists invariably get trade packets unless otherwise specified.

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

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

Cash Discount.—On orders from this catalog over \$2.00 for Flower seeds, if cash is enclosed, 5 per cent.

	Trade	pkt.	Oz.
Abronia Umbellata. (Sand Verbena) Rose, 10 in.	\$0.10		\$0.50
Abutilon (Flowering Maple). Hybridum Maximum, bloom in six months from time of sowing, very large flowers in various shades.	½ oz.	\$1.40	.50
Achimenes Mixed. Greenhouse pot plant belonging to Gesneraceae family. Flowers tube-shaped in many attractive colors. Fine for hanging baskets and pot plants.	(1500 seeds)	1.00	.....
Acroclinium Roseum. Pink (Everlasting). . . lb.	\$2.20	.10	.25
Roseum Album. White. lb.	2.20	.10	.25
Fl. Pl. Double pink. lb.	2.80	.10	.30
Album Fl. Pl. Double white. lb.	2.80	.10	.30
Double Giant Mixture. ¼ oz., 60c		.35	2.00
Adonis Aestivalis (Flos Adonis). Red, 12-inch. . . . .	.10	.20	
Autumnalis: Red, 12-inch. . . . .	.10	.20	
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all Southern States. Greenhouse plant in the North.	¼ oz., 60c	.35	2.00

	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	.50	
Imperial Dwarf White, 6 in. . . . .	.15	.50	
Blue Perfection. Dark blue bedder, 8 in. . . . .	.15	.60	
Blue Ball. An improved Blue Perfection, 6 in. . . . .	.15	.80	
Blue Cap. Dwarf compact habit with larger flowers than Little Blue Star and deeper in color.	¼ oz., 90c	.50	3.00
Little Blue Star. Tiny bushes, flowers light blue with red center, 4 in.	¼ oz. 60c	.25	2.00
Purple Perfection. Improved Blue Perfection, deeper and richer blue. . . . .	.15	.80	
Little Dorrit. Blue, dwarf, 6 in. . . . .	.15	.60	
Little Dorrit White. Best dwarf white, 6 in. . . . .	.15	.80	
Little Silver Star. Silver grey star-like flowers, 4 in. . . . .	.50	.....
Lasseauxi. Fine pink, good cut-flowers, 2 ft. . . . .	.20	1.20	
All Ageratum vary more or less in height.			
Agrostemma Coeli-Rosa (Rose of Heaven). Rose, 12 in. . . . .	.10	.25	
Aloe Variegata or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. 100 seeds, \$1.25; 1000 seeds, \$10.00.			
Alonsoa Grandiflora. Scarlet, 24 in. . . . .	.10	.30	
Mutisii, Rosy chamois. 18 in. . . . .	.15	.....
Linifolia, Scarlet. 18 in. . . . .	.10	.30	
Warszewiczi. Fine for cutting, red, 20 in. . . . .	.15	.40	
Alyssum Maritimum (Sweet Alyssum). 10 in. . lb.	\$2.20	.10	.20
Benthami Compactum Erectum. 9 in. . . . lb.	3.20	.10	.40
Compactum Lutescens. Straw yellow, 8 in. . . . .	.10	.40	
Lilac Queen. Pale lilac flowers, color deepens with cooler weather, 9 in. . . . .	.15	.80	
Little Dorrit. It forms perfect little bushes, fairly smothered with white flowers. 4 in. . . . lb.	\$5.00	.15	.50
Vaughan's Little Gem. Extra fine strain. 4 in. lb.	\$7.00	.15	.70
Amaranthus Abyssinicus. Useful in basket work. . . . .	.15	.40	
Caudatus (Love-Lies-Bleeding). Red, 30 in. . . . .	.10	.30	
Molten Fire Fiery crimson and maroon. . . ¼ oz.	35c.	.15	.....
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	.50	
Vaughan's Special Mixture . . . . .	.15	.70	
Ammobium Alatum Grandiflorum. White, 18 in. . . . .	.15	.40	
Anagallis Grandiflora Coerulea. Dark blue. 10 in. . . . .	.15	.80	
Grandiflora, Mixed. Rich and showy. . . . .	.15	.50	
Anchusa Capensis. Azure blue, 2 ft. lb.,	\$3.20	.15	.40
Capensis, Blue Bird. Vivid indigo, 18 in. . . . lb.,	\$6.00	.15	.50
Angelonia Grandiflora. Lilac, white tigered throat, fragrant, 3 ft. . . . .	.50	.....
Anthemis Arabica. Yellow daisy-like flowers for edging and dwarf borders, 1 ft. . . . .	.15	.....
Antigonon Leptopus (Mountain Rose). Rose. . . . .	.15	.40	
Aralia Sieboldi. Seed ready in April. 1,000 seeds \$1.00			
Arctotis Grandis (The African Lilac Daisy). Flowers pure white on upper surface, reverse petals being lilac, 32 in. . . . .	.15	.50	
Breviscapa Aurantiaca. The daisy-like flowers have petals of a most pleasing dark orange color which turns lighter toward the center, with a purplish disc, 6 in.	¼ oz., 90c	.50	
Large Flowering Hybrids. Resembles Gerbera. Numerous beautiful colors 12 in. . . . ¼ oz., 60c		.35	2.00
Scapigera. Flowers soft lilac, 3 inches in diameter on slender stems; fine cut flower, blooms all summer and fall, 18 in. . . . .	.50	.....
Artemisia Annuu, very decorative, 5 ft. . . . .	.10	.30	
Sacrorum Viridis (Summer Fir). 5 ft. . . . .	.15	.60	

Asparagus

Plumosus Nanus. Carefully harvested, hand-picked, plump, well-matured seed of this variety is a specialty with us. 100 seeds, 25c; 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.00; oz., 80c; lb., \$8.00. Write for prices on larger lots.			
Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets 100 seeds, \$1.00; 1,000 seeds, \$8.00.			
Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.			
Scandens Deflexus. 100 seeds, \$1.60; 1,000 seeds, \$14.00.			



ANTIRRHINUM MAJESTIC TYPE

Antirrhinum-Snapdragon

"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.
Appleby Mathews. Orange buff, white throat	\$.50		
Avalanche. Pure white	1/8 oz., \$0.85	.50	
Dawn O'Day. Pale rose pink developing into pure apricot slightly suffused gold toward center	.50		
Delight. Salmon and apricot	1/8 oz., 85c	.50	
Eldorado. Rich deep golden yellow	1/8 oz., 85c	.50	
Golden Dawn. Golden buff, overlaid salmon	1/8 oz., 85c	.50	
Orange King. Rich orange	1/8 oz., 85c	.50	
Red Chief. Rich deep scarlet	1/8 oz., 85c	.50	
Rose Beauty. Rose-pink self	1/8 oz., 85c	.50	
Rose Marie. Light salmon gold center	1/8 oz., 85c	.50	
Snowstorm. Pure white	1/4 oz., 60c	.25	
Sunset. Bright terra cotta shaded rosy salmon	1/4 oz., 60c	.35	
Twilight. Delicate rosy salmon	1/8 oz., 85c	.50	
Victory. Rich terra cotta orange	1/4 oz., 60c	.25	
Majestic varieties mixed	1/4 oz., 50c	.25	\$1.40

Large-Flowering Tall Sorts

Autumn Glow. Old rose shaded terra cotta	1/4 oz., 60c	.25	
Brilliant Scarlet	1/4 oz., 25c	.15	.80
Bonfire. Bright orange-red	1/4 oz., 25c	.15	.80
Dark Rose (Coral red)	1/4 oz., 25c	.15	.80
Evening Sky. Orange-rose, yellow mouth, white throat	1/4 oz., 65c	.35	
Fire King. Orange-scarlet and white	.20	1.00	
Garnet	1/4 oz., 25c	.15	
Goliath. Salmon rose with orange center shading to pale apricot	.25		
Golden King. Improved yellow	1/4 oz., 35c	.25	1.20
Harmony. Rich terra-cotta-pink, yellow center	1/4 oz., 25c	.15	.80
Queen Victoria Improved. Pure white	1/4 oz., 30c	.15	1.00
Rose King. Deep rose	1/4 oz., 30c	.15	1.00
The Cardinal	1/4 oz., 30c	.15	1.00
Venus. Apple-blossom-pink	1/4 oz., 25c	.15	.80
Majus Grandiflorum. Mixed	.15	.50	
Vaughan's Special Mixture. All kinds	1/4 oz., 40c	.20	1.40

"SNAPS" for Greenhouse Forcing

SPECIAL OFFER—WHERE PRICE IS:

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

	Trade Pkt.
*Afterglow. Golden bronze	\$1.00
Alice Sunshine. New brilliant yellow	1.50
Allman's Pink. Extra long rich, silvery rose-pink	1.50
Bertha Baur. Charming lavender or orchid shade. The flowers do not shatter	2.00
*Ceylon Court. Canary yellow. The best early yellow—our introduction	1.00
*Ceylon Court, Dark Selection	1.00
*Cheviot Maid. The Original Strain. Early rose pink	1.00
*Cheviot Maid Supreme. Darker than the former	1.00
*Cheviot Maid, Yoder Strain. A shade lighter than the original stock. Extra true, fine stem	1.00
Cincinnati (Witterstaetter). A most attractive fragrant light rose-pink, good growth, long stemmed and flowers well placed on stems	1.50
Happiness. New, pure pink	1.00
Helen. Lovely salmon	1.00
*Jennie Schneider. Soft rose pink. Sow early for winter flowering	1.00
Judd's New Early Premier. Rose color	1.00
Laura. A glossy deep rose	1.00
*Lucky Strike. Best pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter	2.00
Orlando. A good bronze	1.00
Penn-Orange. Striking tangerine orange, dark green foliage	1.00
Roman Gold. A deep golden yellow with the lip a lighter yellow suffused pink, the tips having a beautiful pink copper hue	1.00
*Rose Queen (Witterstaetter). Dark pink	1.00
Sonny. A very pleasing shade of light pink	2.00
Sunburst Improved. Color of sunburst rose	1.00
Suntan. Rose shade of tan with tinge of yellow on lip	1.00
Terry's Surprise. Very fine attractive pink and bronze shades	1.50
Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem and dark green foliage. It is healthy and vigorous and a very good grower. Varies	2.00
*White Rock. A new and extra early-blooming pure white	.50
*Winter Helen. Lovely salmon-pink, early and winter bloomer, disease resisting plants	1.50
Greenhouse Varieties Mixed	1.00

*These varieties are best for early winter flowering.

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., 60c	\$0.25
Bunch of Lilacs. Lilac-purple	1/4 oz., 60c	.25
Canary Bird. Canary-yellow	1/4 oz., 60c	.25
Cerberus. Carmine-rose, yellow lip	1/4 oz., 60c	.25
Copper King (Indian Summer). Copper shades, varies	1/4 oz., 60c	.25
Defiance. Scarlet	1/4 oz., 60c	.25
Fire Flame. Dark purple and yellow with dark throat	1/4 oz., 60c	.25
Gotelind. Pale orange	1/4 oz., 60c	.25
Golden Queen. Yellow with rosy-lilac throat	1/4 oz., 60c	.25
Indian Chief. Deep orange flushed rose	.35	
Maralda. Coppery carmine	1/4 oz., 60c	.25
Old Gold. Beautiful art shade	1/4 oz., 65c	.25
Purple King. Rich, velvety purple	1/4 oz., 65c	.25
Ruby. Rich, velvety ruby-red	1/4 oz., 60c	.25
Snowflake. White	1/4 oz., 60c	.25
The Rose. Pure rose	1/4 oz., 60c	.25
Wallflower colors	1/4 oz., 60c	.25
Maximum. Many kinds, mixed	oz., \$1.20; 1/4 oz., 35c	.25
Tom Thumb. Fine for pots and edging, 6 in.		
Fireball. Scarlet	.35	
Orange-yellow	.35	
Pink	.35	
Snow Queen. White	.35	
Mixed, all colors	1/4 oz., 35c	.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	1/8 oz., \$1.00	.50
Rock Hybrids, White Gem	.50	

ANTIRRHINUM—Continued

Large-Flowering Half-Dwarf Sorts

	Trade	pkt.	Oz.
Black Prince. Deep crimson.....	¼ oz.,	25c	\$0.15 \$0.80
Bonfire. Orange buff. (Defiance).....	¼ oz.,	60c	.25
Canary Bird. Lemon-yellow.....	¼ oz.,	25c	.15
Daphne. Pink suffused with white.....	¼ oz.,	25c	.15 .80
Daffodil. Pale lemon-yellow. Early flowering.....			.25
Defiance. Brilliant scarlet.....	¼ oz.,	60c	.25
Empress. Rich velvety crimson.....	¼ oz.,	35c	.25 1.00
Fascination. Pearly-pink self.....	¼ oz.,	35c	.15
Fawn. Terra-cotta-pink, suffused yellow.....	¼ oz.,	65c	.25
Firebrand. Fiery orange-scarlet.....	¼ oz.,	40c	.25 1.20
Flame. Improved Defiance.....	¼ oz.,	40c	.25 1.40
Gloria. Rich, deep rose-pink.....	¼ oz.,	40c	.25 1.40
Golden Monarch. Good yellow.....	¼ oz.,	60c	.25
Golden Queen. Yellow.....	¼ oz.,	25c	.15 .80
His Excellency. Purest scarlet.....	⅛ oz.,	60c	.35
Madonna Improved. Early blooming white.....			.25
Mont Blanc. Large-flowered, white.....			.25
Nelrose. Rose pink.....	¼ oz.,	45c	.25 1.40
Peerless Pink. Cameo pink.....	¼ oz.,	65c	.25
Prima Donna. Terra-cotta-pink, suffused primrose, excellent for florist's use.....	¼ oz.,	60c	.25
Queen of the North (Phelps white).....	¼ oz.,	25c	.15 .80
Red Emperor. Rich deep scarlet, compact habit... ..			.50
Rose Eclipse. Lustrous, rich deep rose.....			.35
Rose Dore. Salmon-rose.....	¼ oz.,	60c	.25
Silver Pink.....	¼ oz.,	60c	.25
Tangerine. Fiery orange.....	⅛ oz.,	85c	.50
Vaughan's Special Mixture, semi-tall sorts.....	¼ oz.,	40c	.25 1.40

Asclepias Curassavica. Forms a most charming and useful subject for indoor or greenhouse decoration. The inflorescences of orange-red flowers, which arise from the axils of the leaves are freely produced and of long duration, while the whole plant of stiff and erect habit seldom requires any form of support. Although a perennial, seed sown early produce fine specimens the first season. 2 ft..... ¼ oz., 60c .25

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

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		.60
Aurora. Striking brilliant color.....	.15		.60
Nilsson Rose. Deep rose-pink.....	.15		.60
The Queen. Salmon-pink.....	.15		.60
Prince Bismarck. Salmon-rose.....	.15		.80
Improved Camellia-flowered. Mixed, all colors.....	.15		.60
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
Bush. Flowers appear in clusters on top of stem instead of on sides.			
Pale Lilac Rose.....	¼ oz.,	85c	.35 3.20
Rose.....	¼ oz.,	85c	.35 3.00
Scarlet.....	¼ oz.,	75c	.35 2.60
White.....	¼ oz.,	75c	.35 2.60
Bush. Mixed.....	¼ oz.,	70c	.25 2.40
Balsam Apple (Momordica). Curious climbers.....	.10		.40
Pear.....	.10		.40
Bartonia Aurea. Golden yellow. 24 in.....	.10		.40
Bachelor's Button. See Centaurea Cyanus.			
Basil. Bush Variety. Vivid green, fragrant foliage, of dwarf habit, makes a good pot plant.....	.15		.50
Bellis. See perennial pages.			
Bidens Humilis. Yellow. Cosmos-like flowers, 20 in.. ..	.10		.30
Bird of Paradise. (Poinciana Gillesii).....	.25		1.00
Blue Daisy. See Agatheia.			
Brachycome Iberidifolia (Swan River Daisy). 12 in. Blue, White, Pink or Mixed, each.....	.15		.60
Browallia Elata. Blue, 18 in.....	.15		.80
Elata Alba. White.....	.15		.80
Mixed.....	.15		.70
Speciosa Major. Large deep blue flowers. Fine for pots. 12 in.....	½ oz., \$1.00;	1000 seeds.	.35
Speciosa Major Alba. Pure white flowers.....			.50
Viscosa Compacta Sapphire. Dark blue, white eye,	¼ oz., \$1.00		.50



BEGONIA Christmas Cheer

Begonia

	Trade	pkt.	Oz.
Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet.....	½ oz.,	\$2.20	\$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... ..	¼ oz.,	\$2.00	1.00
Gracilis Luminosa. Deep dark scarlet, foliage reddish brown, 10 in.....	½ oz., \$1.80;	⅛ oz., \$5.40	1.00 \$35.00
Carmen. Bright rose flowers, bronze foliage.....	¼ oz.,	\$2.00	1.00
Dwarf Luminosa. Extra dwarf, scarlet.....	¼ oz.,	1.80	1.00
Enchantress. Flesh rose color, better than Prima Donna.....	¼ oz.,	\$2.00	.50
Fireball. Fiery crimson, 10 in.....	½ oz.,	1.80	.50
Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in.....	½ oz.,	\$1.60	.50
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....	½ oz.,	\$3.00	1.00
Radio. (Rundfunk.) The blossoms measure 2 by 1-1-5 in. across forming large loose clusters. The color a brilliant pure carmine-scarlet contrasting most effectively with the golden yellow anthers and brown tinted dark green foliage. 1 ft.....	½ oz.,	\$3.00	1.00
White Pearl. White, 10 in.....	½ oz.,	1.60	.50
Semperflorens Alba. White, 14 in.....	⅛ oz.,	50c	.25
Albert Martin. Bright carmine, very large flowers, 14 in.....	½ oz.,	\$1.00	.50
Erfordia. Rosy carmine, 10 in.....	½ oz.,	1.40	.50
Fire Sea (Blaze of Fire). Red flowers, green foliage.....	½ oz.,	\$2.00	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.,	\$1.60	1.00
Glory of Erfurt. Large carmine flowers.....	½ oz.,	2.00	.50
Gruppen Konigin. Large soft pink flowers.....	½ oz.,	1.60	1.00
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in.....	½ oz.,	\$1.70	.50
Striegau. New dwarf compact plant with large fiery carmine flowers.....			1.00
Vernon. Blood-red, dark leaves, 12 in. ¼ oz.,	50c		.25
Winter Romance. Carmine pink flowers.....			1.00
Wuerttembergia. Deep scarlet.....	½ oz.,	65c	.25
Mixed.....	½ oz.,	60c	.25 3.80
Tuberous-Rooted, Single mixed 12-in.,	½ oz.,	2.00	.50
Crispa mixture of frilled sorts.....	½ oz.,	2.40	1.00
Narcissus-Flowered.....			1.00
Lloyd (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets. Double. Mixed.....	¼ oz.,	\$4.00	1.00
Rex Hybrids. Ornamental leaves. 500 seeds, \$1.20;			1.00
.....	1,000 seeds,	2.20	....

Vaughan's Asters



ASTER CALIFORNIA GIANT SUNSHINE

Tall Section

Trade pkt. Oz.

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.

..... 1/4 oz. 65c \$0.35 \$2.20

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., 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	Blackish-Blue	
Daybreak (Mary Semple)	Crimson	Purple	
Peachblossom	Lavender		
Peerless Pink			
Any of above.....	1/4 oz., 30c	\$0.20	\$1.00
Mixed, all colors.....	lb., \$9.00; 1/4 oz., 25c	.15	.80

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	\$0.35	\$2.40
Mixed all colors.....	1/4 oz. 65c	.35	2.00
New Super Giant Los Angeles. For complete description and illustration, see Novelty Page.....	1/4 oz., 85c	.50	3.00

GIANT COMET—2 feet

Yellow.....	1/4 oz., 35c	\$0.25	\$1.20
Salmon-Rose.....	1/4 oz., 55c	.35	1.80
Mixed, all colors.....	1/4 oz., 50c	.25	1.40

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	Indian Summer (Coppery Rose)	Purple	
Shell-Pink	Crimson	Azure-Blue	
Dark Pink	Lavender	Dark Violet	
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.30
Mixed, all colors.....	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. The best Aster for long distance shipping.

White	Brilliant Rose	Lavender	
Shell-Pink	Crimson	Blackish Blue	
Violet			Trade pkt. Oz.
Any of the above.....	1/4 oz., 45c	\$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	
Malmazion Pink	Deep Rose	Light Blue	
(soft pink)	Sky-Blue	Dark Blue	
Vermilion-Carmine			Trade pkt. Oz.
Any of the above.....	1/4 oz., 40c	\$0.25	\$1.40
Express Silvery Lilac.....	1/4 oz., 50c	.25	1.80
Mixed, all colors.....	1/4 oz., 35c	.25	1.20

GIANT PEONY FLOWERED—2 1/2 to 3 ft.

Flowers beautifully incurved with straight, rigid stems non-lateral branching.

Azure Fairy	Peachblossom		
Maiden's Blush	Rose Bud		
Each of the above.....	Swan's Down	Trade pkt. Oz.	
Mixed, all colors.....	1/4 oz., 60c	\$0.35	\$2.20
	1/4 oz., 55c	.35	2.00

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

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

THE SUNSHINE

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 were covered with snow-flakes. 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	Flesh	Dark Blue	
Pink	Dark Rose	Lilac		Trade pkt. Oz.
Any of above.....	1/4 oz., 40c	\$0.25	\$1.40	
Mixed. The above and others.....	1/4 oz., 35c	.25	1.20	

AMERICAN ASTERMUM—2 ft.

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	Lavender	
Any of the above.....	1/4 oz., 45c	\$0.25	\$1.60
Mixed, three above colors.....	1/4 oz., 45c	.25	1.60

Vaughan's Asters

EARLY WONDER—16 inches

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

White	Carmine Rose	Light Blue	Dark Blue	
Rose	Crimson	Lavender		Trade pkt. Oz.
Any of the above.....	1/4 oz., 50c	\$0.25	\$1.80	
Mixed, all colors.....	1/4 oz., 40c	25	1.40	

LILLIPUT—1 1/2 feet

Abundant small flowers. Excellent for cutting.

White	Rose	Light Blue	Dark Blue	Mixed	Trade pkt.	Oz.
Each of the above.....	1/4 oz., 40c	\$0.25	\$1.40			

IMBRICATED POMPON—20 inches

A variety that is very popular among the California flower growers.

Rose.....	1/4 oz., 60c	\$0.35	\$2.00
White.....	1/4 oz., 60c	.35	2.00
Fiery scarlet.....	1/4 oz., 40c	.25	1.40
Light Blue.....	1/4 oz., 40c	.25	1.40
Mixed, all colors.....	1/4 oz., 60c	.35	2.00

OTHER ASTERS

- Aurora Salmon Queen.** Plant of pyramidal growth 3 1/2 to 4 inches across. Flowers beautiful salmon rose color..... 1/4 oz., 75c .35 2.40
- Ball's White.** Finest pure white aster for cut flower purposes. Midseason..... 1/4 oz., 60c .35 2.00
- Everlasting Rose.** It resembles a large Helichrysum; when cut and dried it retains its color and shape as an everlasting flower..... .25 1.60
- Heart of France.** 2 ft. Opens red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, showing now a glow and sheen quite unique, with a soft warm velvety texture. lb., \$16.00; 1/4 oz., 40c .25 1.40
- Lavender Gem.** The flowers are of a true lavender shade. The petals are gracefully curled and twisted, and the blooms are borne on long stems. 1/4 oz., 40c .25 1.40
- Lemon Ball.** A light canary yellow, quilled and so double that it has the appearance of a perfect hemisphere; upright growing; 20 in. 1/4 oz., 75c .35
- Red Sensation.** 2 ft. The color is a dark rich garnet or oxblood-red 1/4 oz., 40c .25 1.40
- Scarlet King (Beacon).** The finest red Aster of all varieties. Plants stand 16 to 20 inches high and in growth resemble the Rose Aster. Every flower is fully double and the color is even more intense than Heart of France. Excellent for cutting. 20 in 1/4 oz., 70c .35
- Surprise "Salmongold".** When starting to flower the blossom is a pure salmon-yellow color. The fully developed blossom shows a radiating salmon-pink shade. The flowers are 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. 1/4 oz., 70c .35 2.50

DWARF AND SEMI-DWARF ASTERS

- All Saints.** The plants of this new Aster form globular compact bushes, 10 inches high and are covered with large, double, perfect, long-lasting flowers. Specially suited for pots, groups and borders.
- | | | | |
|---|--------------|-----|------|
| Blue..... | 1/4 oz., 60c | .35 | 2.00 |
| White..... | 1/4 oz., 60c | .35 | 2.00 |
| Vaughan's Fireball..... | 1/4 oz., 60c | .35 | 2.20 |
| Boltze's Dwarf Bouquet, Mixed. A splendid variety for pots..... | 1/4 oz., 50c | .25 | 1.60 |
- Dwarf Chrysanthemum-Flowered,**
- | | | | |
|-------------------------------------|--------------|-----|------|
| White..... | 1/4 oz., 60c | .35 | 2.20 |
| Brilliant Rose..... | 1/4 oz., 60c | .35 | 2.20 |
| Dark Blue..... | 1/4 oz., 60c | .35 | 2.20 |
| Fiery Scarlet..... | 1/4 oz., 60c | .35 | 2.20 |
| Light Blue..... | 1/4 oz., 60c | .35 | 2.20 |
| Mixed, all colors..... | 1/4 oz., 50c | .25 | 1.60 |
| Dwarf Queen. Mixed, all colors..... | 1/4 oz., 60c | .35 | 2.20 |
| Triumph. All colors mixed..... | 1/4 oz., 50c | .35 | 1.80 |



BEAUTY ASTER

Wilt Resistant Varieties

Grown in the sickest of soils yet proved immune to the disease.

- | | |
|---|------------------------------|
| Asterum, White..... | ..... |
| Ball's. White..... | ..... |
| Crego White | Giant Branching White |
| Pink | Mary Semple Pink |
| Rose | Deep Rose |
| Crimson | Crimson |
| Violet | Lavender or Azure Blue |
| Purple | Purple |
| Early Beauty White | Heart of France |
| Crimson | Royal Azure Blue |
| Lavender | Rose Pink |
| | Purple |
| Ostrich Feather White | Queen of the Market |
| Deep Rose | Dark Blue |
| Royal Purple | Purple |
| Any of above, trade pkt., 50c; 1/4 oz., 65c; oz., \$2.00. | |
| Wilt Resistant Varieties Mixed..... | lb., \$16.00 \$0.25 \$1.40 |

ASTERS IN MIXTURES

- | | | | |
|--|--------------|--------|--------|
| Vaughan's Florists' Mixture..... | 1/4 oz., 45c | \$0.25 | \$1.60 |
| 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., 20c | \$0.15 \$0.60 |
| Mixed, all colors..... | 1/4 oz., 20c | .15 .50 |
| White Swan. 2 ft. Large-flowered single white..... | 1/4 oz., 50c | .25 1.80 |



CALENDULA Ball Orange

Calendula

	Trade	pkt.	Oz.
Ball Apricot.....	1/4 oz.,	75c	
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., \$25.00; 2 oz., \$4.00; 1/4 oz., 75c			.50 2.50
Ball Supreme. Light orange with brown eye. 1/4 oz. 75c			.50 2.50
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange. lb., \$25.00; 1/4 oz., 75c;			.50 2.50
Ball Lemon Queen.....	1/4 oz.,	75c	
Ball Masterpiece. Extra long-stemmed deep orange with brown center.....	1/4 oz.,	75c; 2 oz., \$4.00	.50 2.50
Ball White. Creamy white color with dark center.....	1/4 oz.,	75c	.50 2.50
Ball Varieties. Mixed.....	1/4 oz.,	60c	.40 1.75
Radio. 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.....	lb.,	\$4.00	.15 .40
Radio Golden Beam. Same as above only color is light yellow.....	1/4 oz.,	50c; lb., \$12.00	.35 1.40
Sensation. Long stems very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	4 oz.,	\$7.00; 1/4 oz., 60c	.35 2.00
Sunshine or Chrysantha. Petals long, broad and drooping, giving the flower a globular form. Buttercup yellow.....	1/2 oz.,	40c; lb., \$8.50	.25 .75
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like those of the peony..	lb.,	\$5.00	.15 .50
Pastel Bedding Mixed. Charming assortment of art shades.....	1/4 oz.,	50c; lb., \$12.00	.35 1.40
Apricot. Creamy yellow, flushed apricot.....			.10 .30
Sulphurea Plena. Select. Double sulphur-yellow....	lb.,	\$5.00	.15 .50
Pongei Fl. Pl. Double white.....			.15 .60
Meteor.....	lb.,	\$1.80	.10 .20
Mixed. All colors.....	lb.,	1.40	... .15
Cacalia (Tassel Flower). Scarlet, Orange or Mixed; good cut-flower, 16 in. Each.....			.15 .50
Calandrinia Grandiflora. Rose, 16 in.....			.15 .80
Umbellata. Crimson-violet, very fine, 6 in.....			.25

Cactus Seed

Cacti can easily be grown from seed.

We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price 35c.

	100	1000
	Seeds	Seeds
Cereus (Column-cacti). Mixed.....	\$0.25	\$2.00
Echinocactus (Hedgehog-cacti). Mixed.....	.25	2.00
Echinocereus (Cluster-cacti). Mixed.....	.25	2.00
Echinopsis (Tube-flowering hedgehog-cacti). Mixed.	.25	2.00
Mamillaria (Wart-cacti). Mixed.....	.35	3.00
Opuntia (Fig-cacti). Mixed.....	.25	2.00
Cacti. All kinds and forms, mixed.....	.20	1.60
Cephalocereus Senilis (Old Man Cactus).....	.65	5.50
Cereus Grandiflorus (Queen of the Night).....	1.20	10.00
Lithops Lesliei (Flowering Stones).....	1.20	10.00
Opuntia. Hardy Mixed.....	Tr. pkt. 25c;	oz., \$1.20

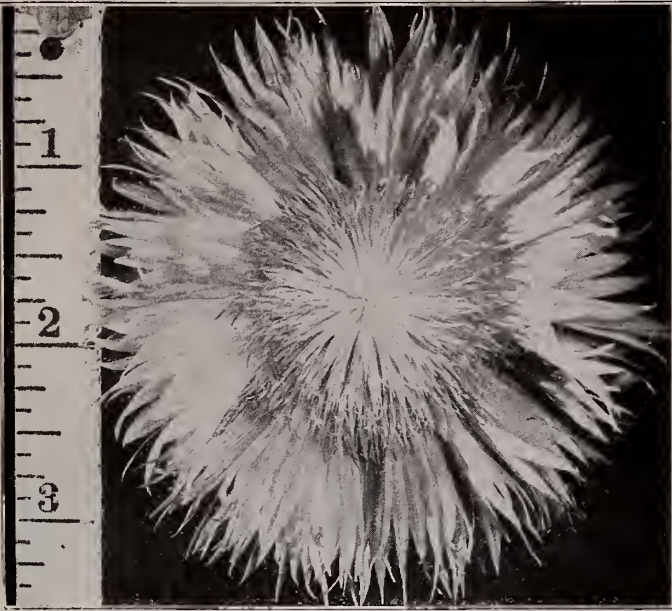
Calceolaria Hybrida

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; 1/2 oz., \$3.40; 1/4 oz., \$1.80. Trade pkt. Oz.

Hybrida Multiflora Nana. The average size of the blooms is only 1 1/2-inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast.....		\$1.00
Hybrida Grandiflora Graciosa. A type with very large flowers, self colors of a great variety, especially in the yellow shades.....	1/4 oz.,	\$2.00 .75
Hybrida Grandiflora. Nana Tigrina. Dwarf mixed.....	1/4 oz.,	\$2.65 1.00
Albert Kent Hybrids. A very lovely variety for either greenhouse or outdoor culture. The flowers are intermediate in size and produced in large graceful clusters.....	1/4 oz.,	\$3.00 1.00
Kelway's Perfect Model. (Herbaceous.) Originator's Stock.....	1/2 oz., \$3.80; 1/4 oz.,	\$2.00 1.00
Hybrida Grandiflora New Color Giants. A new type Giant Flowering Calceolaria, flowers measuring 2 1/2 to 4 in. across, in all colors from fiery red, orange to pure white.....		1.00
Profusa Hybrids. Flowers are large and range in color from yellow to reddish bronze ...	1/4 oz.,	\$3.50 1.00
The Rugosa (shrubby) varieties are true bedding varieties, innumerable small flowers.		1.00
Rugosa Aurea. Golden Rain.....		1.00
Hybrida Orange.....		1.00
Hybrida Scarlet.....		1.00
Hybrida Crimson.....		1.00
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.		
"Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship.....	Tr. pkt.	Oz. \$1.00

California Poppy. See Escholtzia.

Calliopsis Bicolor Radiata (Golden Ray). 10 in.....	.10	\$0.40
Tigrina (Tiger Star). 10 in.....	.10	.40
Splendens. Golden brown center, extra large.....	.15	.40
Coronata Maxima. (Crown of Gold.) Bright yellow, 20 in.....	lb., \$4.00	.10 .30
Drummondii (Golden Wave). Golden yellow with brown-red ring, 20 in.....	lb.,	\$2.40 .10 .25
Tom Thumb Dazzler. Rich maroon, golden yellow border.....	.15	1.40
Semi-double Mixed.....	.10	.30
Dwarf Sorts, mixed.....	.10	.30
Vaughan's Special Mixture.....	.15	.60
Campanula Attica. Dwarf annual, violet flowers, 4 in.....	1/4 oz.,	75c .35 2.40
For other varieties see perennial pages.		
Canary Bird Flower. Yellow. Good climber for shade	.10	.30
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.	.15	.60
Cardinal Climber. Bright and delicate climber....	.20	.80



CENTAUREA IMPERIALIS

Centaurea

	Trade	pkt.	Oz.
Americana. (Basket Flower). Lilac, handsome, 4 ft.	lb., \$4.00	\$0.10	\$0.40
Alba. White. 4 ft.	..... lb.,	.15	.40
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. Pink, fine color.	..... lb., 4.00	.10	.40
Ruby.	..... lb., 4.00	.10	.40
White Pure.	..... lb., 4.00	.10	.40
Mixed, all colors.	..... lb., 2.40	.10	.25
Victoria. Dwarf blue, for borders, 8 in.	.....	.10	.40
Vaughan's Special Mixture. Cyanus varieties.	..... lb., \$4.00	.15	.40
Gymnocarpa. Silvery foliage.	..... lb., 5.00	.15	.50
Imperialis (Giant Sweet Sultan). Alba. Pure white, 32 in.	..... lb., \$5.00	.15	.50
Amaranth. Splendid new color.	..... lb., 5.00	.15	.50
Brilliant Rose.	..... lb., 5.00	.15	.50
Deep Lavender.	..... lb., 5.00	.15	.50
Favorita. Rosy lilac.	..... lb., 5.00	.15	.50
Lilacina. Lilac center.	..... lb., 5.00	.15	.50
Splendens. Dark purple.	..... lb., 5.00	.15	.50
Mixed Colors.	.....	.10	.40
Moschata, Mixed (Sweet Sultan). 32 in.	.....	.10	.40
Suaveolens (Sweet Sultan). Canary-yellow, 2 ft.	..... lb., \$4.40	.10	.40
Vaughan's Special Mixture. Includes all the annual Centaurea sorts.	.....	.15	.60

Chrysanthemum

Carinatum, Burridgeanum. White and crimson with yellow ring, 20 in.	.....	.10	.20
Eclipse (Chameleon). Brown and yellow. 20 in.	.....	.10	.20
Northern Star. Giant white flowers, with light yellow center and black disk, 20 in.	.....	.10	.25
Purpureum Deep purple with yellow ring, 20 in.	.....	.10	.20
The Sultan. Dark copper, yellow ring, 20 in.	.....	.10	.20
Single Mixed.	.....	.10	.20
Dunnett 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
Cascade or Balcony. Plants produce drooping spikes a foot or more in length, flowers about the size of a Climax Aster in delicate shades of pink, rose, yellow and white mixed.	.....	.50	.....
Coronarium. Double golden yellow, 4 ft.	.....	.10	.20
Double White, 4 ft.	.....	.10	.20
Double Mixed.	.....	.10	.20

CHRYSANTHEMUM—Continued

	Trade	pkt.	Oz.
Coronarium. Nanum Coronet. Single. Flowers cream, edged lemon.	.....	\$0.15	\$0.50
Nanum Golden Queen. Compact habit, fine for pots. 2 ft.	.....	.15	.50
Frutescens (Paris Daisy). White, 30 in.	.....	.15	.60
Indicum fl. pl., Chinese. Early-blooming, hardy, double mixed, 2 ft.	..... 1/8 oz., \$1.00	.50	.....
Single Chinese. Early-flowering.	..... 1/8 oz., 75c	.50	4.00
Inodorum Plenissimum. Bridal Robe. Pure white, extra double, compact, fine foliage, 20 in.	..... 1/4 oz., 40c	.25	1.40
Japonicum Double Anemone Flowered Finest Mixed. The flowers which are beautifully quilled measure from 2 to 3 inches across. In color they are extensively varied and contain wonderful assortment of golden and bronze which is one of the characteristics of this new strain. Blooms from the first year, if sown early.	..... 1/8 oz., \$1.20	.50	.....
Japonicum fl. pleno. Double Japanese, mixed, 2 ft.	..... 1/8 oz., \$1.40	.50	.....
Nivelli. Of bushy growth, with an abundance of beautiful, pure yellow, single flowers all Summer and Fall. The flowers measure 2 to 3 inches across. They have long stems and are excellent for cutting.	.....	.15	.08
Segetum (Eastern Star). Light yellow with dark center and yellow ring, 20 in.	.....	.10	.30
Eldorado. Bright canary yellow, dark mahogany colored disc.	..... 1/4 oz., 25c	.15	.80
Gloria (Morning Star). Primrose flowers, 20 in.	.....	.10	.20
Helios (Evening Star). Large golden yellow flowers, 20 in.	.....	.10	.30
Vaughan's Double and Single Mixed, annual sorts.	.....	.15	.60

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. 1/64 oz., \$1.80; 1/32 oz., \$3.00; 1/16 oz., \$5.50; about 1000 seeds 1.00

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

Large-Flowering Alba. 500 seeds .50

Azure Blue. 500 seeds .50

Crimson. 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. 1,000 seeds 1.00

Grandiflora Semi-Dwarf. Mixed. 1/32 oz., \$2.00; 1000 seeds .50

Large Flowering Dwarf. Mixed. 1/32 oz., 1.80 .50

Gigantea. Dark red, with white eye. 1/64 oz., \$2.00; 1000 seeds 1.00

Dark blue with white. 1/64 oz., \$2.00; 1000 seeds 1.00

Cremer's Prize Mixture. 2.00

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 Light Rose

Dark Blue Lilac White and Cream

Dark Red

Each of the above. 1.00

Multiflora Nana. Mixed, all colors, 1/32 oz., \$2.00 1.00

Multiflora Nana Maxima. Mixed. 1/32 oz., 2.20 1.00

Potsdam Strain. (Berlin Market). An improvement on the Multiflora Nana Strain. Mixed. 1/32 oz., \$2.80; 1/64 oz., \$1.60 1.00

Crimson Dark Blue Rose

Each of above. 1.00

Plenissima. Double mixed. 1000 seeds .75

Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. Plants grow 3 ft. high. 1/16 oz., \$1.00 .50

Feltham Beauty. Somewhat dwarfier than above, but with larger flowers and broader petals; nearly all have white centers. 1-32 oz., \$1.80; 1000 seeds .50

Polyantha. Stellata Blue. Rich, dark blue, 2 ft. 1/32 oz., \$2.00 1/64 oz., \$1.20 .50

Polyantha Salmon Pink, a fine new shade. 1/32 oz., \$1.20; 1000 seeds .50

Cineraria Maritima Candidissima. For bedding.15 .40

Maritima Diamond. Leaves pure white.15 .50

See also Perennial pages.

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Annual Angelus Bell Deep rose.....	1/4 oz., \$1.00	Trade pkt. \$0.35	Oz.
Annual Liberty Bell. Blue.....	1/4 oz., 1.00	.35	....
Annual Mixed, containing light and dark blue, pink, rose and white.....	1/4 oz., 60c	.25	\$2.00

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., 60c	\$0.35	\$2.20	
Vaughan's Early and Perpetual-Flowering, mixed.....	1/4 oz., 45c	.25	1.40	

Double Enfant de Nice

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		Trade pkt.	Oz.
Each of above.....	1/8 oz., \$1.00	\$0.50	....
Mixed, from varieties noted above.....	1/4 oz., 1.00	.50	....
Giants of Nice. Blooms in four to five months from sowing.....	100 seeds, 50c; 1000 seeds, \$4.00			
American Varieties. Seeds saved from the best varieties, with large flowers borne on long stems.....	100 seeds, 65c; 1,000 seeds, \$5.00			
Picotee Mixed, extra choice.....	1/4 oz., 50c	.25	\$1.60	
Vaughan's Special Mixture. A mixture of Giant Margaret, Malmaison, Giant of Nice and Chabaud.....	1/8 oz., \$1.00	.50	6.40	

For other Carnations see perennial pages.

Celosia (Coxcomb)

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., 45c	.25	1.40	
Cristata (Coxcomb). Tall, crimson.....		.25	1.40	
Tall Golden Yellow.....		.25	....
Rose.....		.25	....
Scarlet.....		.25	....
Chamois.....		.25	....
Tall sorts, mixed.....		.15	.80	

Miracle Cockscomb. Found as a sport among plumed celosias and developed and fixed to type by many years selection, it is the most wonderful cockscomb ever seen. Grows 2-3 ft., high without branches terminated with remarkable cockscombs of enormous size, some round, others cockscomb shape, with surface like velvet plush, others of waved or corrugated appearance.

Pink	Red	Yellow	Mixed	Trade pkt.	Oz.
Each of the above.....				\$0.50	....
Nana Aurea. Dwarf, dark golden, 12 in.....	1/4 oz., 50c	.25	....	
Empress. Bright crimson combs, dark foliage, beautiful, 12 in.....	1/4 oz., 60c	.25	....	
President Thiers. Dark crimson, 12 in.....	1/4 oz., 65c	.35	....	
Rosea. Dwarf. Dark rose combs, 12 in.....	1/4 oz., 60c	.25	....	
Dwarf Sorts. Extra choice mixed.....	1/4 oz., 65c	.35	....	
Plumosa (Ostrich Plume). Crimson.....	1/4 oz., 35c	.25	\$1.00		
Ostrich Plume. Orange.....	1/4 oz., 35c	.25	1.00		
Pride of Castle Gould.....	1/4 oz., 70c	.35	2.40		
Dwarf Mixed. Fine for pots.....		.25	....	
Lilliput Dwarf Fire Feather. 12 in.....		.50	....	
Orange Feather.....		.50	....	
Thompsoni Magnifica Mixed.....	1/4 oz., 25c	.15	.80		
Tall Mixed, feathered varieties.....		.10	.40		

Spicata. Plants are erect and grow 3 feet in height, branching freely, each stem terminating in a round slender pointed spike of bloom, 3 to 4 inches in length and one-half inch in diameter. The flowers at first are a soft bright rose, changing to silver-white, so that a fully developed spike resembles a slender silver plume with a bright carmine tip... .25



CANDYTUFT Giant Hyacinth Flowered

Candytuft

Giant Hyacinth-Flowered. Select, pure white, 12 in.....	lb., \$8.00	Trade pkt. \$0.20	Oz. \$0.80
Princeps (Little Prince). Dwarf, large spikes, 6 in.....		.15	.50
Miniature Gem (Hyacinth-Flowered Type). A dainty, miniature hyacinth-flowered Candytuft about 3 1/2 inches high, each plant producing four to six spikes of pure white flowers.....	1/4 oz., 50c	.25	1.60
Umbellata Carminea. Carmine, 12 in.....	lb., \$3.60	.15	.40
Alba. White, 12 in.....	lb., 3.60	.15	.40
Flesh-Pink. 12 in.....	lb., 3.60	.15	.40
Lilacina. Lilac, 12 in.....	lb., 3.60	.15	.40
Purpurea. Crimson, 12 in.....	lb., 3.60	.15	.40
Queen of Italy. Rosy lilac, 10 in.....		.15	.50
Rose Cardinal. Rose-pink, 1 ft.....	lb., 4.80	.15	.50
Mixed.....	lb., 2.00	.10	.20
Umbellata Nana, Crimson, 10 in.....		.15	.60
Nana Flesh.....		.15	.60
Lilac.....		.15	.60
Rosea.....		.15	.60
White.....		.15	.60
Mixed Dwarf.....		.15	.60

For Gibraltarica and Sempervirens see perennial pages.

Castilleja Indivisa (Indian Paint Brush). A very rare annual; rosy-pink bracts, intermingled with orange-red. Fine for pots..... 1000 seeds, 80c

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and grown indoors plants must be starved. 2 ft			outdoors. 1f
Albatross. Pure white.....	Trade pkt. \$0.20	Oz. \$1.00	
Appleblossom. A good rose-pink.....	.15	.50	
Brilliant. Double salmon.....	.15	.50	
Chamois. Pale rosy pink.....	.15	.60	
Enchantress. Salmon pink.....	.15	.80	
La France. Pale salmon pink.....	.20	1.00	
Orange King. A good orange.....	.15	.60	
Purple Prince. Rich purple.....	.15	.60	
Queen Mary. Carmine.....	.15	.60	
Salmon Queen. One of the best.....	lb., \$6.00	.15	.60
Salmonca Perfecta. True salmon, extra double.....	.20	1.00	
Scarlet Queen.....	.15	.60	
Vesuvius. Fiery-scarlet and rose.....	.15	.60	
White Prince.....	.15	.60	
Vaughan's Special Mixture.....	.15	.60	

	Trade	pkt.	Oz.
Cleome Pungens (Giant Spider Plant). Light rose... \$0.10 \$0.40			
Gigantea, white.....	.15		.50
Clanthus Dampieri (Glory Pea of Australia). Dark red and black, 24 in..... ¼ oz., 70c .35 2.40			
Clintonia (Downingia) Pulchella. 4 to 6 in. A very attractive Lobelia-like, half hardy annual. The flowers have a white ground, effectively marked with blue; suitable for edging, pots and rock gardens.... .35			
Cobaea Scandens . Purple.....lb., \$4.80 .10 .40			
Scandens Flore Albo. White.....	.15		.80
Cockscomb . See Celosia.			
Coix Lachrymae (Job's Tears).....lb., 60c .....			.10
Coleus Colosse des Pyrenees. Mixture. ¼ oz., \$1.20 .35			
Large-leaved Dwarf Mixed. For pots. ¼ oz., 1.00 .50			
Extra Choice, large-leaved, mixed..... ½ oz., 75c; ⅜ oz., \$1.20 .50 8.00			
Fine Mixed..... ¼ oz., 80c .35 2.80			
Laciniated and Fringed, 16 in..... .50			
Large-leaved, Copper color, 20 in..... .50			
Vaughan's Rainbow Mixture..... ¼ oz., \$1.50 1.00			
Collinsia . Mixed, 1 ft..... .15			
Bicolor Salmon Beauty. Purest salmon-rose..... .25 1.20			
Columbine . See Aquilegia.			
Columnnea Splendens . An attractive well-known evergreen pot plant belonging to the Gesneriaceae. January sowings produce fine flowering, hanging tendrils about 20 inches long in Autumn. The reddish brown opposite leaves are arranged in close rows. The predominant shade of the open throated upright blooms about 3 inches long is a burning orange scarlet. In bloom from September to December..... 1.00			
Commelina Coelestis . Navy blue. 24 in., ¼ oz., 40c .25 1.40			
Convolvulus Major (Morning Glory). Mixed, all colors.....lb., 70c .....			.10
Double Mixed.....	.10		.40
Minor Dwarf, mixed.....lb., 80c .....			.10
Tricolor Dwarf Blue. Fine for border or rock garden..... .10 .25			
Mauritanicus. Blue, for hanging baskets, 6 in.... .25 1.80			
Coreopsis . See perennial pages.			
Corn Flower . See Centaurea Cyanus.			
Cosmidium Burrigeaunum . Orange Crown. Golden yellow with a broad circle of a rich orange around the disc, 24 in..... .10 .30			
Cordylone . See Dracaena.			

Cosmos

Giant-Flowered Red.....	.10	.20
Mixed, all colors.....lb., \$1.40 .10 .20		
Pink Lady Lenox. 30 in.....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., 2.80 .10 .30		
Early-Flowering Harbinger. Soft shades of pink, peach, appleblossom, lavender and other intermediate shades, and all giant-flowered of the early-flowering type. This is Northern-grown seed..... .25 1.20		
Early Express. An extra early Cosmos, flowering in from 45 to 50 days from the time seed is planted. Plant grows about 2½ to 3 ft. high and is covered with medium sized flowers.....		
Express Crimson.....	.25	1.20
Pink.....lb., \$12.00 .25 1.20		
White.....	.25	1.20
Mixed. The above three colors.....	.25	1.20
Anemone-Flowered (Crested). Pink, Red or White. Each.....	.20	1.00
Mixed.....lb., \$8.00 .15 .80		
Double Early-Flowering. Pink, White or Red. They come about 75 per cent double..... ¼ oz., 60c .35 2.00		
Early Flowering. Mixed..... ¼ oz., 50c .25 1.60		
Klondyke. Orange-yellow, late-bloomer. 16 in..... .15 .60		
Crepis Barbata Red. Showy semi-double flowers, 18 in..... .10 .50		
Cuphea Platycentra (Cigar Plant). Russet orange, excellent for pots and borders, 1 ft.... ⅜ oz., \$1.00 .50		
Purpurea. Mixed.....	.20	.....
Cynoglossum Amabile (Chinese Forget-me-not). 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..... .10 .30		
Amabile Alba. White..... .10 .40		
Pink.....	.20	1.00
Linifolium. 9 in. Charming white Forget-Me-Not like flowers with silvery foliage..... .10 .40		

	Trade	pkt.	Oz.
Cyperus Alternifolius (Umbrella Plant)..... \$0.20 \$1.00			
Cypress Vine . White or Scarlet, each..... .10 .25			
Mixed.....	.10	.25	
Ivy-Leaved Scarlet.....	.15	.50	

Cyclamen

Persicum Giganteum Binnewies—
German Strain

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

	100	1,000
	Seeds	Seeds
Dark Blood Red.....	\$1.00	\$ 8.40
Bright Red.....	1.00	8.40
Pure Rose.....	1.10	9.00
Soft Rose with carmine eye (Impr. Rose of Marienthal).....	1.00	8.20
White with carmine eye.....	1.00	8.20
Pure White.....	1.10	9.00
Bonfire. Brilliant salmon.....	1.40	12.00
Salmon Scarlet (America Improved).....	1.60	14.00
New Salmon Rose Improved.....	1.40	12.00
Salmon Color Dark (Glory of Wandsbek or Perle of Zehlendorf).....	1.30	11.00
Salmon Color Light (Rose of Zehlendorf).....	1.30	11.00
Orange Beauty. Orange vermilion, new.....	1.85	16.00
Pink Pearl.....	1.85	16.00
Rococo Erecta, Mixed. Large fringed flowers.....	1.40	12.00
Saffron. Red.....	1.40	12.00
Saffron. Red, silver edged.....	1.60	14.00
Mozart. Deep pink.....	1.85	16.00
Lavender.....	1.00	8.40
German Type. Mixed.....	1.00	8.00

Giant English Strain

Cherry Ripe. Nearly scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
 Mrs. L. M. Graves. The color is an intense and brilliant salmon-scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
 Crimson Saint George. Vivid crimson. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
 Duke of Fife. Dark rose. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
 Prices—any of the following—100 seeds, \$1.20; 1,000 seeds, \$10.00.
 Brilliant Giganteum. Very robust grower. Fiery crimson.
 Queen Mary. Salmon with claret base.
 Rosy Morn. Delicate rose color, claret base.
 Grandiflorum Album. The largest giant white.
 Excelsior. White with red base. Extra large flowers.
 Salmon King. Salmon.
 Saint George. Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color.
 English Varieties, Mixed. 100 seeds, \$1.20; 1,000 seeds, \$10.00.

New Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. A plant in full bloom gives the effect of having about twice as many blooms as the average Cyclamen, is also pleasingly fragrant. This strain comes 80% true from seed.
Prosperity. Described by many as an azalea type, a flaming rose with a distinct clear color, extra fine and a heavy bloomer.
Admiration. A beautiful salmon rose with shaded eye, a very bright shade and a good seller.
Rosea. A soft rose with a coral cast shading lighter at petal tips, the true multiflora type, producing a better percentage of blooms than the above two types but not quite as large. Each of the above \$3.00 per 100 seeds; \$25.00 per 1000 seeds.

Dahlia

These are easily grown from seed.

	Trade	pkt.	Oz.
Double Mixed. Extra choice mixed.....	\$0.35	\$2.20	
Cactus-Flowered. Extra choice mixed.....	.50	4.00	
Selecta. An extra choice strain.....	1.00	8.00	
Lilliput. Mixed.....	.60	6.00	
Hornsveldt's Giants. A splendid strain.....	.35	2.80	
Salbach's Selected..... 100 Seeds, \$1.70			
Salbach's Choice Mixed..... 100 Seeds, 75c			
Single Giant Perfection. Mixed, 4 ft.....	.20	.80	
Collarette. New hybrids, 3 ft.....	.25	1.20	
Coltness Hybrids, mixed, 1 ft..... ¼ oz., 50c .35 1.80			
Coltness Scarlet. Single bright scarlet.....	.50	3.00	
Coltness Yellow. Single.....	.35	2.80	
Unwin's Dwarf Hybrids. Sown in March, in bloom end of June. Graceful semi-double flowers in a wide range of colors. 18 in..... ¼ oz., 70c .35 2.80			
Vaughan's Special Double Mixed.....	.50	5.00	



DIANTHUS SWEET WIVELSFIELD

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., 15c; 1/4 oz., 25c; oz., 80c.

Dianthus — Pinks

Barbatus, see Sweet William.			
Chinensis Fl. Pl. Double Chinese, mixed, 16 in.	Trade	pkt.	Oz.
Single Chinese. Extra choice, mixed, 16 in.	\$0.10	\$0.40	
Tom Thumb. Brilliant scarlet, 6 in.	.10	.40	1/4 oz., 50c
Heddewigii Fl. Pl. Double, Japan pink, choice mixed, 12 in.	.15	.60	
Albus Pl., double white (Snow Queen)	.15	.60	
Atropurpureus Pl. Midnight. Double dark red.	.15	.60	
The Bride. Single white, purple center.	.15	.60	
Diadematus Pl. Diadem pink. Double mixed.	.15	.60	
Double Lilac. Splendid for wreaths and funeral work. 12 in.	.35	2.00	1/4 oz., 60c
Eastern Queen. Single rose.	.15	.60	
Fireball. Double, brilliant dark scarlet.	.15	.80	1/4 oz., 25c
Mourning Cloak. Double black purple, white margin.	.15	.60	
Rosalind. Double rose.	.25	1.40	1/4 oz., 50c
Single Japanese varieties. Choice mixed.	.10	.40	
Laciniatus Lucifer. Double orange.	.25		
Mirabilis. Single, deeply lacinated petals.	.15	.60	
Salmoneous (Salmon Queen). Single, Salmony scarlet, 8 in.	.15	.80	
Fl. Pl. Double salmon.	.15	.80	
Snowball. Double white.	.20	.80	
Vesuvius. Single, intense orange scarlet.	.15	.60	
Violaceous Fl. Pl. Double deep violet.	.25	1.20	1/4 oz., 40c
Single fringed. Choice mixed.	.10	.40	
Double fringed. Best mixed.	.15	.60	
Vaughan's Special Mixed, Double and Single Pinks	.15	.80	
Vaughan's Special Mixture, Single Pinks.	.15	.80	
Vaughan's Special Mixture, Double Pinks.	.15	.80	

See also Perennial pages.

Diascia Barbarac. Lovely rose pink shaded salmon, throat is yellow dotted with bright apple green, 18 in.	.35	2.40
Datura Fastuosa Fl. Pl. Double mixed, 40 in.	.10	.30
Double White, 40 in.	.10	.30
Cornucopiae. White marbled with purple, 40 in.	.10	.40
Triple-flowered. Yellow (Golden Queen), 40 in.	.10	.40
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.	.20	.80
Digitalis, see Perennial pages.		
Dracaena Australis.	.15	.80
Indivisa.	.10	.40
Latifolia.	.15	.80

Dracocephalum Ruyschianum. Dark blue, 1 ft.	Trade	pkt.	Oz.
..... 1/4 oz., 50c	\$0.25	\$1.60	
Dimorphothea Aurantiaca (Orange Daisy). Glossy golden-orange flowers, 12 in.	.15	.80	
Aurantiaca, New Hybrids.	.15	.80	
Golden West. Canary yellow, 12 in.	.25	1.20	1/4 oz., 40c
Salmon Beauty.	.25	1.20	1/4 oz., 40c
Ecklonis. White, dark blue center.	.35	2.40	
Pluvialis Ringens. Dwarf, white blue ring, 12 in.	.15	1.40	
Ringens Double. Grey double crested center.	.35	2.80	
Dolichos (Hyacinth Beans). Mixed.	lb., \$1.00	.15	
Princess Helen (Daylight). Pure white.	.10	.20	
Purple Soudan. Rose-purple.	.10	.20	
Lignosus, Australian Pea Vine. Purple.	.15	.50	
Echeveria (Hen and Chicken). De Smetiana.	100 seeds, 35c; 1000 seeds, \$2.40		
Metallica.	100 seeds, \$1.00; 1000 seeds, 8.50		
Retusa Hybrids. 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.	100 seeds, 35c; 1000 seeds, \$2.40		
Setosa.	100 seeds, 55c; 1000 seeds, 4.00		
Secunda Glauca.	100 seeds, 35c; 1000 seeds, 2.40		
Mixed.	100 seeds, 35c; 1000 seeds, 2.40		
Echinocystis Lobata (Wild Cucumber).	.10	.25	
Echium Plantaginum. Purple with blue throat. Bee plant. 1 1/2 ft.	.15	.60	
Erysimum Golden Gem. Compact habit, flowers golden yellow like a miniature yellow wallflower.	.25		
Perofskianum. Orange, 2 ft.	.10	.30	
Erythrina Crista-Galli (Coral Tree). 3 ft., 1/4 oz., 55c	.35	1.80	
Escholtzia (California Poppy), Mandarin. Deep orange, 16 in.	lb., \$3.40	.10	.30
Californica. Pure yellow, 16 in.	lb., 2.00	.10	.20
Carmine King. Deep carmine.	.15	.50	
Chrome Queen. 16 in.	.15	.50	
Mikado. Brilliant orange-scarlet.	.10	.40	
Golden West. Lemon with deeper yellow center.	lb., \$2.20	.10	.25
Ramona. Coppery-gold frilled.	.15	1.00	
Rosy Morn (Canaliculata Rosea). Rose suffused, cream-white, 16 in.	.10	.40	
Sunlight. Bright lemon yellow.	.15	.80	
Erecta Compacta, Dainty Queen. Rose-flesh, 1 ft.	.15	.80	
Mixed.	lb., \$1.60	.10	.20
Hunnemannia, Bush Escholtzia. Yellow.	lb., 5.00	.15	.50
Double. Pink.	.15	.80	
Robert Gardiner. Orange.	1/4 oz., 40c	.25	1.40
White, yellow, mixed, each.	.15	.60	
Vaughan's Special Mixture.	.15	.60	
Eucalyptus Globulus. Blue Gum.	.15	.80	
Euphorbia Heterophylla (Mexican Fire Plant), 3 ft.	.15	.60	
Variegata (Snow-on-the-Mountain). Foliage edged white and green, 2 ft.	lb., \$3.60	.10	.30
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	.50	
Exacum Affine. Blue. Fine for pots and baskets.	6 in., 1/4 oz., \$2.00; 1000 seeds, \$1.00		
Felicia Aethiopia (Kingfisher Daisy). Larger flowered than Bergeriana. Bears clear sky-blue flowers right through the Summer. 6 in.	1/2 oz., 60c	.25	
Bergeriana. Turf-like foliage, with daisy-like flowers, 3/4 in. across, of an uncommon shade of blue.	6 in.	1/2 oz., 60c	.25

Fern Spores

Aspidium Cyrtomium Falcatum, Aspidium C. Falcatum Fontanei, Aspidium C. Rochfordianum, Aspidium Tsussinense, Dicksonia Cicutaria, Polypodium Aureum, Pteris Argyraea, P. Cretica Albo-lincata, P. Cretica Cristata, P. Cretica Mayii, P. Cretica Ouvrardii, P. Ensiformis Victoriac, P. Tremula, P. Cretica Wilsonii, P. Cretica Wimssettii, P. Cretica Wim. Multiceps. Any of the above, per trade packet, 75c.

Feverfew. See Matricaria and Pyrrhtrum.			
Forget-Me-Not. See Perennial pages.			
Foxglove (Digitalis). See Perennial pages.			
Four O'Clock (Marvel of Peru). Mixed.	Trade	pkt.	
Red, Rose, Lilac, Yellow and White, each.	lb., 80c	\$0.10	\$0.10
Dwarf Mixed. Choice assortment.	.10	.25	

	Trade	pkt.	Oz.
Freesia Refracta Alba.....lb., \$4.00	\$0.10		\$0.40
Rainbow Hybrids. The new colored Frecias.....	.25		1.20
Hybrida Tubergenii. Richest shades, largest flowering hybrids..... $\frac{1}{4}$ oz., 85c	.50		3.00
Fuchsia . Single mixed.....			
.....250 seeds, \$1.30; 1000 seeds, \$5.00			
Double Mixed. 250 seeds, 1.30; 1000 seeds, 5.00			
Gaillardia Amblyodon . Red, fine, 24 in.....	.15		.60
Aurora Borealis. Brown, red and yellow.....	.15		.60
Picta. Single mixed.....	.10		.30
Indian Chief. New bronzy red.....	.10		.40
Josephus. Red with broad yellow band.....	.10		.50
Lorenziana. Double mixed, 20 in.....	.10		.40
Rubra. Red shades with white.....	.15		.90
Gamolepis Tagetes . A charming edging plant with daisy-like yellow flowers. Might be called a miniature Marigold Signata Pumila. 6 in.....	.20		.80
Garden Heliotrope , see Valeriana.			
Gaura Lindheimeri . White. Fine for large groups, 3 ft.....	.10		.40
Gazania Longiscapa . Yellow with brown ring..... $\frac{1}{4}$ oz., 75c	.35		2.60
Geranium . Apple-scented.....			
.....100 seeds, 50c; 1000 seeds, \$4.00			
Zonale. Single, fine mixed..... $\frac{1}{4}$ oz., 50c	.25		1.60
Single, extra large-flowering, mixed, choice. $\frac{1}{4}$ oz., 60	.35		2.00
Lady Washington.....			
.....100 seeds, \$2.50; 1000 seeds, \$22.00			
Gerbera Jamesonii Hybrids			
.....100 seeds, 50c; 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). fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter, 2 ft.....lb., \$2.40	.10		.25
Coronopifolia. See Ipomopsis.			
Gladiolus Candavensis Hybrids . Mixed.....	.15		.60
Primulinus Hybrids, mixed.....lb., \$6.00	.15		.60
Glory of the Sun see Leucocoryne Ixioides.			

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. Trade pkt. (about 1,000 seeds), \$1.00; $\frac{1}{2}$ oz., \$2.50.

	Trade	pkt.
Emperor Frederick. Scarlet, white margin..... $\frac{1}{64}$ oz., \$1.50	\$1.00	
Emperor William. Dark blue, bordered white..... $\frac{1}{64}$ oz., 1.50	1.00	
Othello. Purple..... $\frac{1}{64}$ oz., 1.50	1.00	
Scarlet Queen. Deep scarlet..... $\frac{1}{64}$ oz., 2.50	1.00	
Snow Queen..... $\frac{1}{64}$ oz., 1.50	1.00	
Spotted and stained. Choice mixed..... $\frac{1}{32}$ oz., 2.00	1.00	
Waterloo. Black red, passing to deep carmine..... $\frac{1}{64}$ oz., 1.50	1.00	
Regina Sinningia Imperialis..... $\frac{1}{64}$ oz., 1.50	1.00	
Grandiflora Mixed..... $\frac{1}{32}$ oz., 1.80	.50	
Gigantea Mixed..... $\frac{1}{64}$ oz., 1.40	1.00	

Godetia

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

	Trade	pkt.	Oz.
Carmine			
Rose			
Each of above.....	\$0.15		\$0.60
Mixed. The above colors.....	.15		.50
The Bride. White and crimson, 24 in.....	.15		.60
Duchess of Albany. Satiny-white, 16 in.....	.15		.50
Gloriosa. Glowing dark red, 10 in.....	.15		.60
Rosamunde. Bright carmine, 8 in.....	.15		.60
Sybil Sherwood. Salmon pink, blended with orange	.25		1.80
Thunderbolt. Dark crimson.....	.35		2.00
White Swan. Satiny white flowers.....	.35		2.00
Whitneyi. Double bright rose, 15 in.....	.15		.90
Lady Satin Rose, 10 in.....	.15		.60
Wild Rose. Pure rose with touch of salmon.....	.25		....
New Dwarf Hybrids. Mixed.....	.10		.40
Mixed, many sorts.....	.10		.40



GYPHOPHILA Elegans Grand Alba. Covent Garden Market Strain.

	Trade	pkt.	Oz.
Globe Amaranth (Gomphrena). Mixed.....	\$0.10		\$0.25
Globosa. Red-purple, White, Flesh, and Pink....			
.....each, lb., \$2.40	.10		.25
Nana Compacta Rubra. Dwarf for pots and borders 6 in.....	.15		.50
Orange (Haageana). Flower looks like a ripe strawberry.....lb. \$3.60	.15		.40
Gourds . Apple-shaped, beautifully striped.....	.10		.30
Bottle, large, the original Thermos bottle.....	.10		.30
Calabash (Pipe Gourd). Odd-shaped fruit.....	.10		.30
Dipper or Siphon, for dippers and wrens' nests....	.10		.30
Dish-cloth or Towel.....lb. \$2.40	.10		.30
Hercules' Club. Fruit grows 3 to 4 ft. long.....	.10		.30
Japanese Nest Egg. Fruit used as nest eggs.....	.10		.30
Mock Orange.....	.10		.30
Ornamental Pomegranate. Fruit delightfully fragrant.....	.15		.60
Pear-shaped. Striped yellow and green.....	.10		.30
Small Bottle.....	.10		.30
Spoon. Deep orange, small ball-shaped fruit with slender neck.....	.10		.40
Sugar Trough. Thick shells.....	.10		.30
Turk's Turban. Odd brightly colored fruits.....	.10		.40
Write for prices on larger lots.			
Many sorts. Mixed.....lb., \$1.80	.10		.25
Small sorts. Mixed.....lb., 1.80	.10		.25
Grevillea Robusta (Silk Oak).....lb., 6.00	.20		.60
Gypsophila Muralis . Dwarf pink, 6 in.....	.10		.40
Elegans (Angel's Brcath). White.....lb., 1.00	....		.10
Crimson.....lb., 2.40	.10		.25
Rosea.....lb., 2.40	.10		.20
Grandiflora Alba. Covent Garden Market Strain. Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock.....			
..... $\frac{1}{4}$ 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 Monstrosum Fl. Pl. (Strawflower) .			
Silver Ball	Rose Queen	Canary-Yellow	
Fireball	Salmon Queen	Crimson	
Golden Ball	Violet Queen	Salmon-Red	
Each of the above.....lb., \$6.00	.15		.60
Vaughan's Special Mixture.....lb., 6.00	.15		.60
Double Dwarf Mixed. 1 $\frac{1}{2}$ ft.....	.15		.50
Heliophila Lincarifolia . Charming new annual from the Cape, with pretty blue, white-eyed flowers in long racemes. Pretty with Ursinia or other orange flowers. 18 in..... $\frac{1}{4}$ oz., 75c.	.35		2.60



ANNUAL LARKSPUR Stock Flowered

Annual Larkspur

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 upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

	Trade Pkt.	Oz.
Blue Bell. Fine medium blue, deeper than sky blue, yet much lighter than lilac.	1/4 oz., 50c; lb., \$15.00	\$0.25 \$1.40
Blue Spire. Dark blue.	lb., 12.00	.25 1.20
Carmine King.	lb., 14.00	.25 1.20
Daintiness. Delicate lavender.	lb., 14.00	.25 1.20
Exquisite Pink Improved. Salmon-pink. lb.,	10.00	.25 .80
Exquisite Rose.	lb., 10.00	.25 .80
Gloria Deep rose.	lb., 14.00	.25 1.25
Lilac Spire. Beautiful lilac color.	lb., 12.00	.25 1.20
Los Angeles. Salmon scarlet.	lb., 10.00	.25 .80
Miss California. Deep pink on salmon. lb.,	12.00	.25 1.00
Peachblossom.	lb., 12.00	.25 1.00
White Spire. Pure white flowers.	lb., 12.00	.25 1.20
Mixed, all colors.	lb., 8.00	.20 .80
Stock-Flowered, Bright Rose.	lb., 5.00	.15 .50
Dark Blue.	lb., 5.00	.15 .50
Delicate Lavender.	lb., 5.00	.15 .50
Empress Rose, Hermosa pink.	lb., 6.00	.20 .60
Flesh.	lb., 5.40	.15 .50
Lilac.	lb., 5.00	.15 .50
La France, Salmon pink.	lb., 5.40	.15 .50
Newport Pink, 45 in.	lb., 5.50	.15 .50
Rosamond. Pure rose which does not fade. The Gold Medal variety.	1/4 oz., 50c; lb., 16.00	.25 1.40
Rosy Scarlet.	lb., 5.50	.15 .50
Shell Pink.	lb., 5.00	.15 .50
Sky-Blue (Ageratum).	lb., 5.00	.15 .50
White.	lb., 5.00	.15 .50
Mixed.	lb., 3.60	.10 .30
Improved Giant Hyacinth-Flowered, 45 in., Dark Blue, Pink, White, Purple, Lilac, Mixed. Each of the above.	lb., 8.00	.25 .80
Emperor. Pink Delight, same shade as Stock-Flowered Exquisite.	lb., 8.00	.25 .80
The Empress. Salmon pink.	lb., 8.00	.25 .80
Double Dwarf Rocket, 21 in. Best mixed. . . . .		.10 .40
Double Tall Rocket Mixed, 44 in. . . . .		.10 .40
Butterfly Blue. . . . .		.15 .80
Lavender. . . . .		.15 .90
White. . . . .		.15 .90
Butterfly Larkspurs are perennials and bloom from seed the first year.		
Vaughan's Special Mixture Annual Larkspur.	lb., \$8.00	.15 .80
See also Delphinium—Perennial pages.		
Helipterum Sandfordi. Chrome yellow, 12 in. . . . .		.15 .60
Hibiscus Trionum. Large ivory flowers, dark violet center.	1/4 oz., 50c	.25 1.60

	Trade pkt.	Oz.
Herniaria Hirsuta. Used for ground cover, 3 in.	\$0.15	\$0.60
Heliotrope. Finest mixed.	1/4 oz., 30c	.20 1.00
Dark Varieties, Mixed.	1/4 oz., 35c	.20 1.20
Mammoth Flowered. Mixed.	1/4 oz., 40c	.20 1.20
King of the Blacks.	1/4 oz., 55c	.35
Madam Bruant. Violet-blue with white eye.	1/4 oz., 55c	.25 1.80
Madam Lederle. Giant-flowered dark blue. 1/4 oz., 55c		.35 1.80
Regale. Mixed. . . . .		.25
White Lady. Pure white. . . . .		.25
Heliotropes will bloom from seed in four months.		
Humulus Japonicus (Japanese Hop). Green-leaved.	lb., \$3.00	.10 .30
Japonicus fol. variegatis (variegated foliage). lb. 4.00		.10 .40
Hunnemannia Fumariaefolia (Bush Escholtzia). Does well in greenhouse, 18 in.	lb., \$5.00	.15 .50
Sunlite. Double bright canary colored flowers. Grey green foliage, 2 ft. . . . .		.25
Ice Plant See Mesembryanthemum.		
Impatiens Holstii. Vermilion, very fine.	1/32 oz., \$1.20; 1000 seeds	.35
Holstii, New Hybrids, extra choice.	1/32 oz., \$1.00; 1000 seeds	.35
Liegnitzia. Deep vermilion-red, free-blooming, splendid for beds and pots; requires half shade.	500 seeds	.35
Sultani. Bright rose.	1/32 oz., \$1.00; 500 seeds	.35
Hybrids.	1/32 oz., \$1.00; 1000 seeds	.35
These Impatiens will make splendid pot plants for Christmas and are useful for porch boxes, northern exposure.		
Ionopsidium Acaule (Diamond Flower). Pale lilac, 5 in.	1/4 oz., 70c	.35 2.40
Ipomoea. Bona Nox (Evening Glory), large, blue.	lb., \$2.20	.10 .26
Coccinea (Star Ipomoea). Scarlet. . . . .		.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., 2.40	.10 .25
Japanese Giant mixed.	lb., 6.00	.15 .50
Leari. Dark blue with crimson bars. . . . .		.50
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 1.00
Setosa (Brazilian Morning Glory), red.	lb., \$3.20	.10 .30
Ipomopsis Elegans. Mixed. Very leafy, the divisions being needle-like about one inch long. The flowers are 1 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
Coronopifolia Scarlet. Same as above except flowers are scarlet.	1/8 oz., \$1.00	.50
Isoloma Hirsutum Multiflorum Hybridum. 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.	1/4 oz., \$6.00	1.00
Kalanchoe Globulifera, Var. Coccinea. 12 Inches. Bright scarlet flowers. Very choice pot plant.	1000 seeds, \$1.00	. . . . .
Kaulfussia Amelloides. Blue, 10 in.	1/4 oz. 40c	.25 1.20
Kochia Childsii (Summer Cypress).	lb., \$1.40	.10 .15
Lantana Hybrid. Mixed.	lb., 5.00	.15 .50
Bruant's New Dwarf Hybrids, mixed.	lb., 6.00	.15 .50
Lavatera Arborea Variegata. Leaves mottled with yellow, 36 in. . . . .		.15 .60
Rosea Splendens, 30 in. . . . .		.15 .40
Alba Splendens, 30 in. . . . .		.15 .40
Splendens Loveliness. Glowing rose pink flowers, bronze foliage. . . . .		.15 .60
Lavender Lace Flower, see Didiscus.		
Laya Elegans. Dwarf yellow and white. 1 ft. . . . .		.15 .80
Lemon Verbena (Aloysia Citriodora).	1/4 oz., \$1.85	.35 3.00
Leptosiphon. French Hybrids, 10 in. . . . .		.15 .60
Leptosyne Maritima. Yellow, 24 in. . . . .		.15 .60
Stillmanii. Golden yellow, fine for cutting, blooms six weeks after sowing, 18 in. . . . .		.15 .80
Leucocoryne, Ixioides Odorata (Glory of the Sun). Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry 18 in. stem. Culture the same as for Freesias. 1000 seeds, \$1.00; 1/8 oz.,	\$3.00; 1/4 oz., \$5.50	. . . . 20.00
Lilium Regale. See Perennial pages.		
Linum Grandiflorum Rubrum. Large-flowered Scarlet Flax, 16 in.	lb., \$1.80	.10 .20
Coeruleum. Blue. . . . .		.10 .20



MARIGOLD Guinea Gold

Marigold

Giant African Orange "Alldouble." Orange. A new strain of this popular variety which has been developed to produce 90% double flowers.....	Trade pkt.	Oz.
..... 1/4 oz., 50c	\$0.30	\$1.40
Giant African "Alldouble" Lemon.....	1/4 oz., 50c	.30 1.40
Tall Double African. Lemon Queen. Special lb., \$10.00	.20	1.00
Orange Queen. Special.....	lb., 10.00	.20 1.00
Prince of Orange. The best of the orange strain...	.25	1.20
Our strains of above are of the quilled type and unsurpassed in quality.		
Guinea Gold. New semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2 1/2 ft.....	lb., \$14.00; 1/4 oz., 50c	.25 1.50
Double Tall African. Mixed.....	lb., \$4.00	.15 .40
Double Dwarf African. Mixed (Pride of the Garden).	.10	.40
Dwarf French Double. Gold striped.....	.15	.60
Double French Monarch Strain Mixed. New, Symmetrical compact habit, comprising a wide range of fine colors including orange, bronze and mahogany.....	1/4 oz., 35c	.15 1.20
Dwarf French Double Golden Ball. Monarch Strain Re-selected. This is a re-selection of the old Golden Ball. It has exceptionally large flowers for a French variety; is intensely double and the deepest orange color.....	.25	.....
French Double. Mixed.....	lb., \$4.00	.10 .40
Double, Yellow.....	.10	.40
Golden Ball.....	.15	.50
Dark Brown.....	.15	.50
Robert Beist. Reddish brown.....	.15	.50
Yellow with bronze margin.....	.15	.50
Yellow spotted brown.....	.15	.50
Single, Legion of Honor.....	lb., \$3.80	.10 .40
Fire Cross. Improved Legion of Honor. Golden-yellow with large brown spots.....	.15	.80
Golden Star.....	.10	.40
Silver King.....	.10	.40
Star of India.....	.10	.40
Gilt Edge Diadem.....	.10	.40
Tall French Single Josephine. Single dark brown with edging of old gold and a glint of crimson...	.15	.50
Vaughan's Special Mixture Tall Double French.....	.15	.50

MARIGOLD—Continued	Trade pkt.	Oz.
Tall French Double Aurea Pl. Double golden yellow	\$0.10	\$0.40
Pulchra Pl. Yellow, spotted brown.....	.10	.40
Ranunculiflora Pl. Dark brown.....	.10	.40
Striata Pl. Double striped.....	.20	1.00
Sulphurea Pl. Lemon.....	.10	.40
Vaughan's Special Mixture. Dwarf French Single and Double.....	.15	.60
Vaughan's Special Mixture. Tall French and African Double.....	.15	.60
Lilliput 8 in. Double brown.....	.15	.80
Golden. Yellow.....	.15	.80
Sulphur. Yellow.....	.15	.80
Yellow and brown.....	.15	.80
Mixed.....	.10	.60
Gnome (Miniature Marigold). A dwarf form of Signata Pumila. The plants are dwarf, even and compact. The pretty orange colored flowers are produced all summer. Excellent for basket work for Mother's Day sales.....	.25	.....
Signata Pumila. Golden yellow. Splendid for edging. Flowers single, hundreds to a plant, 10 inch.....	.15	.60
Limnanthes Douglasii. Yellow and white, 6 in.....	.15	.60
Linaria Maroccana Excelsior, mixed, 12 in.....	.10	.30
Carmine Shades.....	.10	.30
Chamois.....	.10	.30
Fairy Bouquet. Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in.....	.50	.....
Crimson and Gold.....	.10	.30
Golden Gem.....	.10	.30
Lavender Shades.....	.10	.30
Snow White.....	.10	.40

Lobelia

Erinus Crystal Palace Compacta. 4 in.....	1/4 oz., 50c	.25	1.80
Compacta Blue Gown. Clear deep blue, without eye, fine compact habit.....	1/8 oz., 75c	.35	.....
Blue Stone Re-selected. Compact habit, large flowers, brilliant mid-blue.....	1/4 oz., 75c	.35	.....
Mrs. Clibran. Deep blue, white eye.....	1/4 oz., 60c	.35	2.00
Speciosa. Dark flowers and foliage, 10 in.....	.20	1.00	
Emperor William. Dwarf, 4 in.....	1/4 oz., 45c	.25	1.40
Pumila Splendens, Bedding Queen. Dark blue, white eye, dwarf, 4 in.....	1/4 oz., 60c	.25	2.00
Alba, Snowball. 4 in.....	1/4 oz., 50c	.25	1.80
Rosea Pink. 4 in.....	.25	.....
Speciosa Superba Compacta, Royal Purple. Dark blue, white eye, dark foliage.....	1/4 oz., 50c	.25	1.60
Prima Donna. Velvety maroon, 10 in.....	.25	.....
White Lady. 10 in.....	.20	1.20	
Gracilis. Blue, 10 in.....	.15	.80	
Mixed. 10 in.....	.15	.80	
Pendula, Hamburgia. Good for hanging baskets, sky-blue, white eye.....	1/4 oz., 45c	.25	1.40
Miranda, bright rosy purple, clear white eye. 10 in.....	1/4 oz., 80c	.35	.....
Sapphire. For hanging baskets, large deep navy-blue with white eye.....	1/4 oz., 60c	.25	2.00
Tenuior. Fine gnetian blue 16, in.....	1/4 oz., 50c	.25	.....
Lophospermum Scandens, (Climbing Foxglove). Rose.....	1/4 oz., 80c	.35	2.80

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."	Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue. 24 in.....	lb., \$3.00	\$0.10 \$0.30
Light Blue. Cambridge-Blue.....	lb., 3.00	.10 .30
Roseus.....	lb., 3.00	.10 .30
Albus.....	lb., 3.00	.10 .30
Mixed.....	lb., 2.80	.10 .25
Hartwegi Giants or King Lupinus. This improved new giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.		
King Blue.....	1/4 oz., 50c	.25 1.60
King White.....	1/4 oz., 50c	.25 1.60
King Mixed.....	.15	1.20
Luteus Romulus. Yellow, large, 12 in.....	lb., 4.00	.15 .40
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market, 28 in.....	lb., \$4.00	.15 .40
Subcarnosus Texas Blue Bonnet). 12 in.....	lb., 2.00	.10 .20
Tall Annual Mixed.....	lb., 2.00	.10 .20

	Trade	pkt.	Oz.
Malope Grandiflora Rosea. 30 in.....	\$0.10		\$0.25
Grandiflora Alba. 30 in.....	.10		.25
Martynia Fragrans (Formosa) Red-violet, 18 in.....	.15		.80
Marvel of Peru. See Four O'Clock.			
Matthiola Bicornis (Evening Scented Stock). 18 in.	.10		.20
Maurandia. Mixed. Good climber.....	.35		.....
Barclayana. Blue.....	.50		.....
Melothria Scabra (Musk Vine). Splendid annual climber.....	.15		.80
Mesembryanthemum Criniflorum (Livingston's Daisy). The plants which are of slightly spreading habit, are literally covered with flowers measuring about one inch, of the most delightful shades imaginable.....	.35		.....
Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small pinkish white. For dry sandy spots. 6 in.....	.10		.40
Tricolor. Yellow outside, blood color inside of flowers with brown anthers. 1 ft.....	.25		1.40

Mignonette

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment.....

.....	1/4 oz., \$1.80;	1.00	6.00
The Ball. Heavier spike and lighter in color than New York Market.....	1/2 oz., \$3.20; 1/4 oz., \$1.80	1.00	6.00
Bismarck.....	1/4 oz., 25c	.15	.80
True Machet, Vaughan's Selected Stock.....	1/4 oz., 25c	.15	.80
Defiance.....	.15	.40	
Golden Queen. Yellow.....	.15	.50	
Goliath. Red, fine.....	.15	.80	
Golden Goliath. New immense golden yellow spikes..	.15	.80	
Vaughan's Giant Rocket.....	.15	.60	
Grandiflora. Large-flowering.....	1 lb., \$1.20	.....	.15

Mimosa Pudica (Sensitive Plant).....	.15	.50
Mimulus Moschatus (Musk Plant).....	.35	.....
Tigrinus. Mixed Single Monkey Flower. 1/4 oz., 50c	.15	.....
Double.....	.25	.....
New Large-Flowering. Single.....	1/4 oz., 60c	.25
Red Emperor. Bright crimson scarlet, free flowering.....	.35	.....
Mina Lobata. Flag of Spain.....	.25	1.40
Moon Flower. See Ipomoea.		
Morning Glory. See Convolvulus and Ipomoea.		
Musa Ensete. Per 100 seeds, \$1.80; 1,000 seeds, \$16.00.		
Myosotis. See Forget-Me-Not in Perennial pages.		

Nasturtium

Any of the following, oz., 10c, except where noted.

DWARF SORTS—Tropaeolum Tom Thumb

	1/2 lb.	Lb.
Empress of India. Deep crimson, dark-leaved.....	\$0.30	\$1.00
Golden King. Rich color.....	.25	1.00
King Theodore. Rich red, dark bluish foliage.....	.25	.80
Vesuvius. Rich, fiery rose.....	.25	.80
Vaughan's Special Dwarf Mixture.....	10 lbs., \$8.00	.30 1.00
Dwarf Nasturtiums. Mixed, all colors..	5 lbs., 2.40	... .60

DWARF LILLYPUT

The plants of this group are very dwarf and compact. The flowers and leaves are small. They are fine for bedding and edging.

- Baby Rose, creamy white spotted pink.
- Lady Cherry, wine red dark leaved.
- Ruby, ruby red.

Each of above. Trade pkt., 10c; oz., 25c.

TALL SORTS—Tropaeolum Majus

Golden Gleam. Semi-double, fragrant yellow.....	Oz., 30c; 1/2 oz., 20c	.....	\$3.00
Jupiter. Best and largest yellow.....	\$0.25	.80	
King Theodore. Rich deep red, dark foliage.....	.25	.80	
Pearl (Moonlight).....	.25	.80	
Schultzii. Best dark red.....	.25	.80	
Vesuvius. The most gorgeous fiery-rose imaginable..	.25	.80	
Vaughan's Special Tall Mixture.....	10 lbs., \$7.00	.30	1.00
Tall Sorts in Finest Mixture.....	10 lbs., 4.25	.15	.50

	Trade	pkt.	Oz.
Nicotiana Affinis. White, sweet-scented, 32 in.....	.....	1 lb., \$3.40	\$0.10 \$0.30
Affinis Hybrids. Mixed colors, 32 in.....	.10	.40	
Crimson Bedder. Rich deep crimson... 1/4 oz., 85c	.25	3.00	
Sanderae. Clear crimson, floriferous, 30 in.....	.10	.50	
Crimson King. New, 30 in.....	.15	.60	
Hybrids. Mixed, 30 in.....	.10	.40	
Suaevolens. An elegant small-flowered pure white species; delightfully scented, which makes a fine pot plant.....	.35	.....
Sylvestris. Very beautiful, sweet, pure white, 5 ft..	.10	.40	
Nemesia Strumosa Suttoni. Orange, 12 in.....	.35	.....
Strumosa Suttoni. Scarlet, 12 in.....	.35	.....
Blue.....	1/8 oz., 75c	.35	.....
Orange.....	.35	.....
Rose, 12 in.....	.35	.....
White.....	.35	.....
Mixed.....	1/4 oz., 50c	.35	1.80
Nana Compacta Aurora. Crimson and white, 8 in.....	.35	.....
Orange King. Orange, 8 in.....	1/8 oz., 75c	.35	.....
Fire King. Scarlet, 8 in.....	1/8 oz., 75c	.35	.....
Blue Gem. Blue, 8 in.....	1/4 oz., 70c	.35	2.40
Triumph. Mixed.....	1/4 oz., 60c	.35	2.00

These dwarf Nemesias are fine for pots.

Nemophila (Grove Flower). Mixed.....	1 lb., \$1.40	.10	.15
Insignis. Sky-blue, 6 in.....	.....	1 lb., 2.00	.10 .20
Nierembergia Gracilis. Light blue, 16 in. 1/8 oz., 65c	.25	.....
Nigella Damascena, Miss Jekyll. Double blue, 18 in.	.10	.15	
Damascena. Dark blue.....	.10	.25	
White.....	.10	.20	
Double, mixed.....	.10	.15	
Nolana. Mixed, lovely blues, 6 in.....	.10	.30	
Nycteria Capensis. White, sweet-scented, 12 in.	.10	.....
.....	1/4 oz., 25c		
Odontospermum Sericeum. Golden flowers with silver green and silk like foliage. Blooms in 8 months from seed. 100 seeds, \$1.00; 1000 seeds \$8.00.	.....	.....
Oenothera (Evening Primrose). Mixed.....	.10	.30	
Afterglow. Yellow with bright red calyx, 3 ft.....	.15	.50	
Lamarckiana. Bright yellow, 4 ft.....	.10	.20	

Ornamental Grasses

Agrostis Nebulosa. Cloud grass. A low grass with extremely delicate feathery panicle.....	.15	.80
Briza Maxima. Quaking Grass. Grows in very graceful panicles which tremble in the slightest breeze 12 to 18 inches.....	.10	.30
Gracillima Minor.....	1 lb., \$2.80	.10 .30
Bromus Brizaeformis. Brome Grass. An elegant biennial grass with drooping panicles of spikelets, 2 ft.....	.10	.25
Coix Lachrymae. Corn Beads, Job's Tears or Tear Grass.....	.....	1 lb., 60c .10
Eragrostis Elegans. Feather Love Grass. 1 to 2 ft.	.10	.45
Hordeum Jubatum. Squirrel tail grass.....	.15	.60
Lagurus Ovatus. Hare's-tail Grass, 1 ft.....	.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 variety...	.15	.80
Tricholaena Rosea. Cultivated for the ornamental inflorescence which is used in making winter bouquets.....	.10	.40
Ornamental Grasses. Mixed.....	.10	.30

RUDBECKIA

Kelvedon Star. A perfect long-stemmed flower for cutting—a sturdy and floriferous plant for bedding. The flowers vary both in form and coloring but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange. Sowings should be made in February and seedlings planted out during the second week of April. Trade pkt., 35c.

Vaughan's Giant Pansies



VAUGHAN'S MAPLE LEAF GIANT

SWISS AND MAPLE LEAF GIANT PANSIES

See Back Cover for illustration in color, descriptions and prices.

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., \$1.00; 1/4 oz., \$1.75; oz., \$6.00; lb., \$75.00.

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; 1/4 oz., \$1.25; oz., \$4.00; lb., \$54.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., \$1.00; 1/4 oz., \$5.00; 1/2 oz., \$2.70.
Donovan's Strain. Used by Michigan growers. Trade pkt., 75c; 1/4 oz., \$1.75; oz., \$6.00.

Engelmann's Special Mixture. Scottish Show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; 1/4 oz., \$2.25; oz., \$8.00.

Early Flowering Giants. Yellow, Dark Blue, Light Blue, White or Black. Each, trade pkt., 25c; 1/4 oz., 35c; oz., \$1.20.

Early-Flowering Giant, Mixed. These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 25c; 1/4 oz., 30c; oz., \$1.00.

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., \$1.20, oz., \$4.00.

Mastodon. A mixture of pansies grown by an American specialist. The seed we offer was grown from originator's stock. Trade pkt., 50c; 1/8 oz., 85c; 1/4 oz., \$1.40; oz., \$5.00.

Miracle Mixture. Grown from introducer's stock seed. Trade pkt., 50c; 1/8 oz., 85c; 1/4 oz., \$1.40.

Oregon Giants. Seed from originator. Trade pkt., 50c; 1/4 oz., \$1.65; oz., \$6.00.

Paris Market Mixture. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.30; lb., \$14.00.

Pima Mixed. This strain is much in demand by German florists on account of its extreme earliness and free flowering habit. We believe a trial would be advisable. Trade pkt., 35c; 1/4 oz., 70c; oz., \$2.40.

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., 75c; 1/4 oz., \$1.40; oz., \$4.80; 4 oz., \$16.00; lb., \$60.00.

Trimardeau Mixed. Many colors. Trade pkt. 15c; 1/4 oz., 30c; oz., \$1.00; lb., \$12.00.

Triumph of the Giants. A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; 1/4 oz., 85c; oz., \$3.00.

Tufted Pansies Mixed. Trade Pkt., 35c; 1/4 oz., 60c; oz., \$2.20.

Vaughan's Perfection. Flowers extra large, well shaped, beautiful coloring. Trade pkt., \$1.00; 1/8 oz., \$3.00; oz., \$20.00.

Chicago Park's Bedding Mixed. Trade pkt., 15c; oz., 80c; lb., \$8.00.

Giant Pansies

SEPARATE SORTS

	Trade pkt.	1/4 oz.	Oz.
Adonis. Light blue white center	\$.25	\$.40	\$1.40
Apricot. Dark eye, small-flowering, for rock gardens	.35	.85	3.00
Apricot. Light	.35	.85	3.00
Apollo. Bronze	.25	.50	1.80
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.40	1.40
Bugnot. Shades of red, bronze and cardinal	.35	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange of the Bugnot type	.50	1.20	4.00
Cardinal. Brilliant red	.25	.60	2.00
Cream	.50	1.00	1.00
Cupid. Compact growth, all have five large blotches, all colors mixed	.50	1.00	1.00
Delft Blue. An attractive shade	.50	1.00	7.00
Emperor William. Dark navy-blue	.25	.40	1.40
Golden Queen	.25	.40	1.40
Madame Perret. Shades of pink and rose	.25	.40	1.40
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades	.35	.60	2.20
Dark Blood Red	.35	.60	2.00
Mrs. P. S. Du Pont. Pure golden apricot blushed with salmon	.50	1.35	5.00
Prince Henry. Darkest blue	.25	.40	1.20
Purple. Very large, rich deep purple	.25	.40	1.40
Purple Crown	.50	.85	3.00
St. Knud. Giant orange flowers	.25	.70	2.40
Terra Cotta. Small flowering, for rock gardens	.35	.70	2.40
White. With dark eye, very large	.25	.45	1.40
White. Pure without blotches	.25	.40	1.20
Yellow. With dark eye	.25	.40	1.20

Ornithogalum

Thyrsoides. White flowers appear in dense raceme of thirty to forty star-like flowers, each one-inch across, clustered in somewhat triangular form. Trade pkt., 50c; oz., \$4.00.

Lacteam (Darling Chincerichee). Pure white flowers with dark eye. Trade pkt., 50c; oz., \$3.00.

Oxalis Tropaeoloides. Yellow, brown foliage, 3 in. Trade pkt., Oz. 1/4 oz., 65c \$0.35 \$2.20

Rosea. Very fine, 6 in. .50

Alba. .50

Valdiviana (Golden Cloth). Yellow, sweet. .35

Passiflora Grandiflora (Passion Flower). Blue 1/4 oz. 50c .25 1.60

Gracilis. Ornamental fruits, white. .25

Incarinata. Flesh. .15 .60

Eduilis. White. 1/4 oz., 35c .25 1.20

Pennisetum Rueppelianum (purple Feather Grass), 36 in. .15 .80

Longistylum, 18 in. .10 .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 Seminary, Mundelein, Ill. lb., \$2.40 .10 .20

Phacelia Tanacetifolia. Blue, 2 ft. white. .10 .30

Campanularia. Gentian blue, white anthers, 6 in. .15 .60

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



1. PETUNIA Hybrida 2. PETUNIA Grandiflora 3. PETUNIA Grandiflora Fringed 4. PETUNIA Giants of California 5. PETUNIA Double Fringed

Petunias

GIANT-FLOWERING—SINGLE

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

	Trade	pkt.	Oz.
White. With yellow throat.....	1/64 oz.,	\$1.50	.....
Black Prince. Rich dark red with dark throat.....	1/32 oz.,	\$1.80	.....
Camilla. A beautiful, rose-pink color; rich crimson veining forms a wide halo toward the center.....	1/32 oz.,	\$2.00	.....
German Empress. Lilac veined purple.....	1/64 oz.,	1.40	.....
King Alphonso. Dark crimson, black throated.....	1/64 oz.,	1.40	.....
Princess of Wuerttemberg. Rose.....	1/64 oz.,	\$1.30; 1/32 oz., 2.20	.....
Romany Lass. Striking single red, frilled.....	1/64 oz.,	1.20	.....
Theodosia. Large flowered fringed rosy pink with a clearly defined golden center.....	1/64 oz.,	\$1.20; 1/32 oz., \$2.00; 1000 seeds	.....
Quaker Lady. Lavender.....	1/64 oz.,	\$1.00; 1000 seeds	.....
Giant Copper-Red. Dark-throated.....	1/64 oz.,	\$1.30; 1/32 oz., \$2.40	.....
Giants of California. Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered.....	1/16 oz.,	\$2.00; 1/32 oz., \$1.25	.....
Triumph of the Giants. Extra choice mixture.....	1/32 oz.,	\$2.00	.....
Ruffled Monsters.....	1/8 oz.,	\$3.00; 1/32 oz., 1.65	.....

Dwarf California Giants Improved

This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors.....

Dark Selection of the above.....	1/8 oz.,	\$9.00; 1/32 oz., \$3.00	1.00
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Balcony Petunias

Balcony Queen. Purple and white.....	1/32 oz.,	\$2.00; 1/64 oz., \$1.20
Blue. A splendid strain.....	1/16 oz.,	75c
Cornflower Blue. Several shades lighter than the regular Balcony Blue.....	1/8 oz.,	\$1.00	.....	.....
Copper Rose. A beautiful warm color, free bloomer.....	1/16 oz.,	\$1.30	.....	.....
Netted Gem. Color steel blue beautifully netted or veined with deep violet.....	1/16 oz.,	85c; 1/8 oz., \$1.00	.....	.....
Red. Dark red.....	1/8 oz.,	65c	.....	4.00
Rose.....	1/8 oz.,	65c	.....	4.00
White.....	1/8 oz.,	65c	.....	4.00
Balcony Mixed, the above.....	1/8 oz.,	65c	.....	.....

Portland Petunias

Pride of Portland. Rose-pink, fringed.....	1/32 oz.,	\$1.20	.....	.....
Elks' Pride. Velvety-violet, plain edge.....	1/32 oz.,	1.20	.....	.....
Scarlet Beauty. Fringed.....	1/32 oz.,	1.20	.....	.....
White Beauty. Fringed.....	1/32 oz.,	1.20	.....	.....

LARGE-FLOWERING—SINGLE

Trade pkt. Oz.

Size of flowers, 3 to 4 inches across.

Royal Purple (Vaughan's Imperial Blue). Plain edge.....	1/32 oz.,	\$1.00; 1/8 oz., \$3.50	.....	.....
Fringed Royal Beauty. A very fine variety with velvety petals of a deep velvety-violet color, quaintly fringed. The most beautiful of all blue Petunias.....	1/64 oz.,	\$2.00; 1000 seeds	1.00	.....
Fimbriata Coerulea Blue.....	1000 seeds	.....	.50	.....
Fimbriata Nana Erfurt Dwarf "Setting Sun." It forms compact bushes 12 inches high, covered with beautifully fringed blossoms of a brilliant rose pink, measuring 3 inches across. Like all Erfurt dwarf Petunias this one is admirably suited for borders and pots and is a striking counterpart to Petunia White Cloud.....	1/32 oz.,	\$3.00	.....	.75
Fimbriata Rosea. Fringed.....	1/32 oz.,	1.20	.....	.50
Fimbriata. Fringed varieties mixed.....	1/8 oz.,	\$5.00; 1/32 oz., 1.40	.....	.50
Miranda. Deep carmine; the best red.....	1/64 oz.,	1.20	.....	.50
Dwarf Pink Glory. A pure flame rose-pink slightly ruffled, dwarf, compact habit; splendid for pot culture and bedding.....	1/32 oz.,	\$2.60; 1/64 oz., \$1.40	.....	.75
Fluffy Ruffles. A choice mixture.....	1/8 oz.,	\$5.00; 1/32 oz., \$1.40	.....	.50
Silver Edge, Blue Black. Purple Robe. A deep velvety-violet, enhanced by a fine silver line usually appearing at the edge of the flower.....	1/64 oz.,	\$1.50	.....	.75
Triumph Pink. Fringed.....	1/8 oz.,	\$5.00; 1/32 oz., 1.50	.....	.50
Queen of the Market. Deep carmine red with a scarlet hue. The blooms are medium size, 3 1/2 in., fine shape and slightly waved. They grow profusely in slender stems on freely branching, dwarf plants.....	1/32 oz.,	\$2.00	.....	.50
White Cloud. Fine compact bushes, only 12 in. high, richly covered with pure white blooms.....	1/32 oz.,	\$3.00	.....	.75
Grandiflora. Extra choice. Mixed.....	1/4 oz.,	5.00	.....	.50 \$18.00
Grandiflora Fimbriata Nana Semi-Dwarf Extra Choice Mixed.....	1/32 oz.,	\$2.00; 1000 seeds	.....	.50
Vaughan's Best Mixture. Large-flowering single sorts. This mixture is made up by ourselves from all the best single Petunias and will give most satisfactory results.....	1/32 oz.,	\$1.50; 1/16 oz., \$2.80	.....	.50 40.00

LARGE-FLOWERING—DOUBLE

Double Dwarf Large-Flowering Fringed. Flowers nicely frilled, very large and quite double in a fine range of colors on splendid compact plants. Excellent for pots.....	1/64 oz.,	\$4.00; 1000 seeds	1.00	.....
Maximum All-Double Giant Fringed Mixed. This notable strain produces 100% Double Flowering Petunias mostly of the Giant Fringed type; the percentage of small flowering doubles does not exceed 22%, the remainder will be all large flowering fringed doubles. The flowers are very large, often measuring 5 inches across, exquisitely ruffled and fringed and contain a good range of brilliant colors. 500 seeds, \$1.00; 1,000 seeds, \$2.00; 1/64 oz., \$5.00.....	.....	.....	.....	.....

PETUNIAS Large Flowering Double—Continued

Giant Double Fringed Rose Queen. A glorious shade of bright rose-pink, with immense fringed flowers, five to six inches in diameter.	1000 seeds	Trade pkt. \$2.00	Oz.
Giant Double Fringed Rose-Pink and White. Bright rose-pink flowers with a large white frill, giving the flowers the appearance of being huge balls of pink and white lace.	1000 seeds	2.00	. . . . .
Double Dwarf Large-Flowering Plain Edged Mixed.	1,000 seeds, \$1.30; 10,000 seeds, \$10.00		
Double Lady of the Lake. White.	500 seeds, 85c; 1000 seeds	1.50	. . . . .
Double Pink Glory. 1/4 oz., \$3.00; 1000 seeds \$1.30			. . . . .
Double Fimbriata Rose.	500 seeds, 85c; 1000 seeds, \$1.50		. . . . .
Double Red.	500 seeds, 85c; 1000 seeds	1.50	. . . . .
Double Red and White.	500 seeds, 85c; 1000 seeds	1.50	. . . . .
Double Rose-Carmine (World Beauty). 3 tr. pkt. \$5.00		2.00	. . . . .
Double Shepherd's Pride. Flowers large, very double, fringed and of an alluring shade of salmon or shrimp-pink.	500 seeds, 90c; 1000 seeds, \$1.70		. . . . .
Double Lavender.	500 seeds, 85c; 1000 seeds, 1.50		. . . . .
Double fringed Viola (Royal Purple).	1000 seeds \$1.50; 500 seeds	.85	. . . . .
Vaughan's Special Mixture. Double extra choice, 500 seeds, 75c; 1000 seeds, \$1.25. 1/4 oz., 4.00			. . . . .

SMALL-FLOWERING—DOUBLE

Dwarf Inimitable. Blotched and striped 1000 seeds	1.00	
Rosy Morn. A beautiful double pink.	1/32 oz., \$3.00; 5000 seeds, \$4.00; 1000 seeds	1.00
Snowball Double Lilliput White. 1000 seeds.	1.00	

SINGLE SMALL-FLOWERED SORTS

Alba. White. . . . .	.15	\$0.80
Blue King. Like Viola (Royal Purple) in habit but several shades lighter.	1/4 oz., 40c	.25 1.35
Blotched and Striped (Inimitable). . . . .	.20	1.00
Courtes of Ellesmere. Pink with white throat. . . . .	.15	.80
General Dodds. Blood-red.	1/4 oz., 40c	.25 1.40
Howard's Star. Improved.	1/4 oz., 50c	.25 1.60
Golden Rose (Lord Courtenay). Brilliant rose, yellow throat, extra. . . . .	.20	1.20
Norma. Violet blue with white star.	1/4 oz., 40c	.25 1.40
Sutton's Blue Bedder.	1/8 oz., \$1.20	.50
Venosa. Light red, veined. . . . .	.20	1.00
Viola (Royal Purple).	1/4 oz., 40c	.25 1.40
De Luxe Mixture.	lb., \$20.00; 1/4 oz., 50c	.25 1.80

SINGLE SMALL-FLOWERED DWARF SORTS

Adonis. Fiery carmine, white throat.	1/4 oz., 40c	.25 1.20
Alderman. Dark violet.	1/4 oz., 60c	.35 2.00
Blue Bird. Deep violet, extra fine.	1/4 oz., 70c	.35 2.40
Dwarf Inimitable. Blotched and striped.	1/4 oz., 40c	.25 1.40
Dwarf Pink Gem. It forms a neat compact plant 5 to 6 inches high, literally smothered with deep pink blooms. A plant 8 inches in diameter will carry as many as twenty-five to thirty blooms in flower at one time.	1.00	. . . . .
Carmen Sylva. Baby blue, white throat.	1/4 oz., 40c	.25 1.40
Cockatoo. The flowers are a velvety deep violet-purple with irregular sized white spots and stars. 8 in.	1/32 oz., \$1.00	.50
Crimson. Same shade as General Dodds.	1/4 oz., 70c	.35
Heavenly Blue. Silvery light blue, varies.	1/8 oz., \$1.50	.50
Dwarf Rose of Heaven. Extra dwarf selection.	1/4 oz., \$1.20	.35 4.00
Rosy Morn. Pink with white throat.	1/4 oz., 70c	.35 2.40
Senator. Purplish violet, white throat.	1/4 oz., 75c	.35 2.80
Snow Queen. White compact.	1/4 oz., 50c	.25 1.80
Snowball. Dwarf white.	1/4 oz., 40c	.25 1.40
Rose of Heaven. Beautiful pink.	1/4 oz., 50c	.25 1.80
Vaughan's Special Dwarf Mixture. Small-flowering sorts.	1/4 oz., 50c	.25 1.70

Pentstemon

Sensation. The most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. 2 ft.	1/4 oz., 80c	.35 2.80
Red Shades. 2 ft.	1/4 oz., \$1.00	.35
Pink Shades.	1/4 oz., 1.00	.35
Violet Shades.	1/4 oz., 80c	.35
Southgate Gem. Crimson-scarlet. Splendid for pots and bedding out, 24 inch.	1/4 oz., \$1.00	.35

Papaver—Poppy

American Legion. Orange-scarlet flowers are remarkable keepers.	Trade pkt. \$0.10	Oz. \$0.40
Eldorado. Salmon shades. . . . .	.15	.60
Glaucum (Tulip Poppy). Deep scarlet flowers. . . . .	.10	.40
Paconiflorum Fl. Pl. Double White. . . . .	.10	.30
Yellow. . . . .	.10	.30
Salmon-Pink. . . . .	.10	.30
Bright Rose. . . . .	.10	.30
Scarlet. . . . .	.10	.30
Mixed.	lb., 1.00	.15
Rheas Shirley. Shades of pink and rose mixed lb., \$2.80	.10	.30
Blue Shirley. . . . .	.15	.60
Wild Rose Shirley. . . . .	.15	.50
Flanders Field. English Field. Scarlet.	lb., \$2.40	.10 .25
Salmon-Pink. . . . .	.15	.50
Begonia Flowered Mixed. The flowers resemble the double tuberous rooted begonias in form and contains an assortment of lovely light shades. . . . .	.15	.60
Sweet Briar. A delightful shade of deep rose pink. The blossoms are full double, resembling a very large double begonia. . . . .	.20	1.20
Somniferum Fl. Pl. Double Carnation-flowered. . . . .	.10	.30
Shell Pink. . . . .	.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.

Phlox Drummondii

Alba. White.	Coerulea Striata. Blue striped.	
Alba Oculata. White with dark eye.	Isabellina. Yellow.	
Atropurpurea. Black-brown.	Kermesina Splendens. Crimson.	
Atropurpurea Alba Oculata. Dark purple with white eye.	Leopoldii. Pink with white eye.	
Brilliant. Rose with dark eye.	Rosea. Pink.	
Chamois Rose.	Scarlet.	
Cream.	Stellata Splendens. Scarlet with white eye.	
Carnea. Flesh.	Violet. With white eye.	
Each of above, trade pkt., 20c; 1/4 oz., 30c; oz., \$1.00; lb., \$12.00.		
Violet Blue. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40.		
Best large-flowering. Mixed, lb., \$10.00; 1/4 oz., 25c	Trade pkt. \$0.15	Oz. \$0.80
Cuspidata Mixed (Star of Quedlinburg). 1/4 oz., 25c	.15	1.00
Vaughan's Special Mixture. Includes all the grandiflora varieties listed and others.	1/4 oz., 40c	.25 1.40
Nana Compacta (Dwarf). 6 in. Snowball. 1/4 oz., 50c	.25	1.80
Apricot. Yellow.	1/4 oz., 75c	.35 2.80
Delicata. Old rose, carmine eye.	1/4 oz., 60c	.35 2.20
Fireball.	1/4 oz., 50c	.25 1.80
Isabellina. Yellow.	1/4 oz., 60c	.35 2.20
Chamois.	1/4 oz., 60c	.35 2.20
Mirabilis. Salmon-pink with white eye.	1/4 oz., 75c	.35 2.80
Sky-Blue with eye, fine for edging.	1/4 oz., 60c	.25 2.20
Violet.	1/4 oz., 50c	.25 1.80
Variabilis. Blue shades.	1/4 oz., 65c	.35 2.40
Mixed.	1/4 oz., 50c	.25 1.80
Delicate shades Mixed.	1/4 oz., 60c	.25 2.00
Cecily Mixed. Large-flowering.	1/4 oz., 50c	.35 1.80

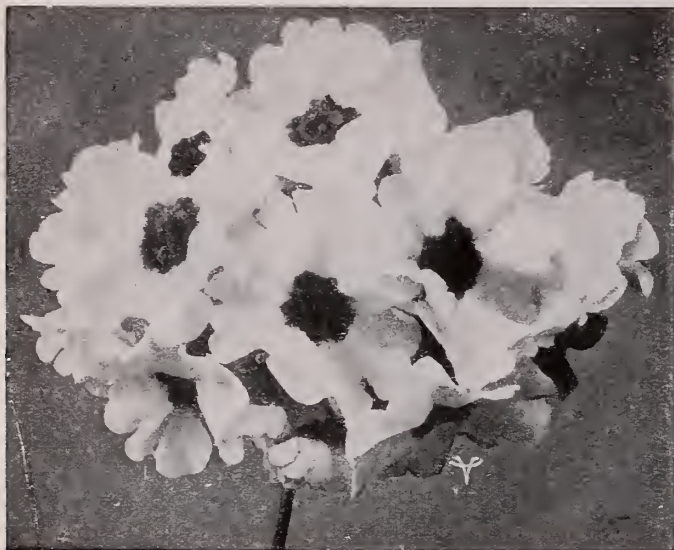
Plumbago Capensis. A charming blue climber for under glass. 100 seeds, \$1.00; 1,000 seeds, \$8.50. . . . .	. . . . .
Polygonum Orientale. Kiss-Me-Over-the-Garden-Wall . . . . .	.15 .50

Portulaca

Single large-flowering sorts, mixed.	lb., \$5.00	.10 .50
White, Yellow, Scarlet, Striped and Pink, each. . . . .	.15	.80
Parana. Large-flowering, rosy carmine.	lb., \$10.00	.20 1.00
Double sorts, finest mixed.	1/4 oz. 60c	.25 2.00
White, Pink, Scarlet, Yellow, Salmon, each. . . . .	.25	2.60

Ricinus—Castor Beans

Borboniensis Arboreus. 10 to 15 ft.	lb., \$1.40	. . . . .
Cambodgensis. Very dark, 4 ft.	lb., 1.80	. . . . .
Crimson Spire. 6 ft.	lb., 3.20	.15 .40
Gibsoni. Dark red leaves, metallic lustre.	lb., 1.80	.10 .20
Sanguineus. Red leaves, 7 ft.	lb., 1.20	. . . . .
Zanzibariensis Enormis. Carmine seeds, 7 ft., lb., 2.20	10	.15 .20
Zanzibariensis. Mixed.	lb., 1.40	. . . . .
Mixed. Many kinds.	lb., 1.00	. . . . .



PRIMULA Obconica Grandiflora

Primula Obconica

	Trade	pkt.	Oz.
Gigantea Rosea. Fine.....	1/32 oz.,	\$1.80	\$0.50
Salmon Queen. 8 in.....	1/64 oz.,	2.00	1.00
Mixed.....	1/32 oz.,	1.50	.50
Grandiflora Alba. White.....	1/64 oz.,	1.80	.50
Appleblossom. Pink.....			.50
"Better Days." A new color—deep carmine red.			
The darkest and most pleasing Primula Obconica Grandiflora yet produced. Very large flowering and an important rival to Fassbender Red.			
The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage, on strong stems.....			
	1/64 oz.,	\$2.00	1.00
Coerulea. 12 in.....	1/64 oz.,	\$1.50	.50
Fassbender Red. Flowers rich deep red of enormous size.....	1/64 oz.,	\$1.50; 1/32 oz., \$2.40	1.00
Lachsrosa. A beautiful salmon-rose.....	1/64 oz.,	1.80	1.00
Mueller's (Berlin) Rose.....	1/64 oz.,	1.60	1.00
Mohnstein's Dark Red.....	1/64 oz.,	2.00	1.00
Rhine Pearl. Large dark salmon-carmine.....			1.00
	1/64 oz.,	\$2.00	1.00
Rose Queen. Pure rose, giant trusses of large flowers.....	1/64 oz.,	\$2.00	1.00
Ruby. Free bloomer, flowers rich ruby red with a salmon undertone. Flowers do not turn blue when old.....	1/64 oz.,	\$1.80	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. 1/32 oz., \$2.00
 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; 1/32 oz., \$2.00.

Primula—Various Sorts

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
Courtland Seedling. Clear lilac pink, very brilliant. 500 seeds, 60c; 1000 seeds, \$1.00			
Salmon Rose.....	1/32 oz.,	\$1.20	.50
Princess Mary. Deep rose pink.....	1000 seeds	.60	
Rosalind. Rich rose.....	1000 Seeds	.60	
Rosea Superba. Beautiful pink.....	1/16 oz.,	\$1.00	.50
Erikssoni Baby Alba, White.			
New Baby. Lavender pink.	Baby Rose.	Deepest pink.	
Baby Doll. Frilled deep pink.	Wonder Baby.	Pink.	
Each of the above, pkt. of about 800 seeds.....	1.00		

ROCK PLANTS

Seeds for these are very much in demand at the present. We list many of them. These are marked by (x) in this book.



SALVIA Splendens Fireball

PRIMULA—Various Sorts—Continued

Forbcsi (Baby Primrose). Rosy-lilac. Very free-blooming. 12 in.....	1/16 oz.,	\$1.00	\$0.50
Ruby.....	1000 seeds,	65c	
Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in.....	1/32 oz.,	1.00	.50

Pyrethrum Parthenifolium Aureum (Golden Feather)	.10	\$0.40
Rhodanthe. Mixed, splendid everlastings.....	.15	.40
Atrosanguinea. Blood red.....	1/4 oz.,	70c
Manglesi. Rose.....	1 lb.,	\$4.00
Fl. pl. Double Rose.....	1/4 oz.,	50c
Maculata Alba.....	1 lb.,	4.80
Rosea.....	1 lb.,	4.80

Rochea Falcata. A beautiful greenhouse plant, similar to Echeveria; fine flower spikes with scarlet blooms. 18 in, 500 seeds, \$1.00; 1000 seeds, \$1.80

Rose Champion, see Agrostemma Coronaria.
 Rose of Heaven, see Agrostemma Coeli Rosa.

Rudbeckia Bicolor Superba. Large golden yellow, dark spots, 2 ft.....

Kelvedon Star. A perfect long-stemmed flower for cutting. The flowers vary both in form and coloring but all have dark brown central discs, surrounded by a shining mahogany zone on petals of deep orange.....
 See also Perennials.

Saintpaulia Ionantha Cordata. Dark cordated leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed.....

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

Kewensis. It blooms freely for a long period. It differs considerably from the Ionantha and Cordata on account of its small delicate green leaves. The shining blue flower, reminding one of violets, contrasts well with the light green rosette of leaves..

Salpiglossis

Large-Flowering. Mixed extra choice.....	.15	.60
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.....	.20	1.20
Purple and Gold.....	.20	1.20
Purple. New.....	.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.....	1 lb.,	\$9.00
Gloxiniaeflora. Mixed.....	1/4 oz.,	35c
Vaughan's Special Mixture.....	1/4 oz.,	30c



SCHIZANTHUS Vaughan's Excelsior Hybrids

Salvia Splendens

Alba. White flowers, buds tipped pink, light green foliage.....	¼ oz., \$1.20	\$0.35	Trade pkt. Oz.
America (Globe of Fire). 16 in.....	¼ oz., 60c; lb., 26.00	.35	\$2.00
Clara Bedman or Bonfire. Erect habit, 16 in.....	¼ oz., 50c; lb., \$18.00	.35	1.80
Drooping Spikes. Very fine, 24 in.....	¼ oz., 50c	.35	1.80
Fireball. Extra choice, freely blooming, 14 in.....	¼ oz., 60c; lb., \$24.00	.35	2.00
Maroon Prince. Plum color, 24 in.....	¼ oz., \$1.20	.35	4.00
Rocket. Very early.....	¼ oz., 90c	.50	3.80
Zurich. Early flowering, fine dwarf, 12 in.....	¼ oz., 60c	.35	2.00
Early Harbinger. Northern grown.....	¼ oz., 90c	.50	3.40
Splendens Type.....	lb., \$16.00	.35	1.40

Salvia. Blue Beard. Annual, dark blue, 1 ft.....	.15	.50	
Coccinea. Scarlet (Annual Flowering Sage), 40 in.....	.15	.50	
Farinacea. Bright light blue, 40 in.....	¼ oz., 40c	.25	1.40
Blue Bedder. Compact plant, deep blue flowers.....	¼ oz., 90c	.50	3.00
Horminum Oxford Blue. The bracts are Oxford-blue, very broad, and of a pureness of tone that can be found in no other annual.....	.35	.....

See also Perennial pages.

Sanvitalia Procumbens Fl. Pl. Double yellow, dwarf.....	.25	1.40	
Saponaria Multiflora (Calabrica). Red, 10 in.....	.10	.40	
Vaccaria Rose. Incorrectly spoken of as Pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion.....	lb., \$1.40	.10	.15
Alba. White.....	lb., 1.40	.10	.15
Compacta Red.....	.15	.50	
Schizanthus Wisetonensis Mixed.....	.15	.80	
Wisetonensis Rose and Amber Shades.....	¼ oz., \$1.00	.35
Carmine shades.....	.35	.....
Compactus, semi-dwarf, compact varieties, 10 in.....	.50	.....
Mauve and Purple Shades.....	.35	.....
Rose and Pink Shades.....	¼ oz., 1.00	.35



STREPTOCARPUS Large-Flowering Hybrids

SCHIZANTHUS—Continued	Trade pkt. Oz.
Pansy-flowered. The large smooth-edged Pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive.....	\$1.00
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors.....	½ oz., \$1.00 .50
Retusus Roseus. Pink, 18 in.....	.35
Rosamond. 18 in.....	.35

The Retusus are upright growers and furnish splendid cut material.

Scabiosa

	Trade pkt.	Oz.
Ageratum Blue. Fine mid-blue.....	lb. \$5.00	\$0.15 \$0.50
Azure Fairy. A splendid cut-flower.....	lb. 5.00	.15 .50
Black Prince.....	lb. 5.00	.15 .50
Blue Cockade. Deeper than Azure Fairy.....	.35	
Cattleya, a rich rosy lilac of the beautiful orchid tone.....	¼ oz., 50c	.25 1.80
Cherry-Red.....	.15	.50
Fire King.....	lb. 5.00	.15 .50
Flesh.....	lb. 5.00	.15 .50
Loveliness. Soft delicate salmon rose color. It has long, stiff stems and a delightful fragrance.....	¼ oz., 25c	.15 .80
Peachblossom.....	.15	.60
Rose.....	lb. \$5.00	.15 .50
Shasta. Pure white of enormous size.....	.15	.60
Snowball. Double white.....	lb. \$5.00	.15 .50
Sulphur-Yellow.....	.15	.50
Large-Flowering. Double Tall mixed.....	lb., \$3.40	.10 .30
Improved Giant Hybrids. Particularly large, massive blooms in an unusual number of rare colors.....	.25	1.00
Vaughan's Special Mixture.....	lb., \$6.00	.15 .60
Dwarf Coral Rose. Deep rose pink tinged salmon, 8 in.....	.25	1.00
Mixed.....	.15	.60

**Streptocarpus (Cape Primrose)
New English Hybrids**

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue, some with white throats, others penciled.

The flowers attain a diameter of 2 inches and over, similar to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter-blooming, when sown in January or February. The seeds are small and require but very little covering. For soil use the same as what Gloxinias thrive in. They succeed best in an ordinary greenhouse and should be grown rather cooler than Gloxinias.

Red Sky Blue
Rose Snow White

Each of the above, Tr. pkt., \$1.00
Largest Hybrids Mixed, Tr. pkt., \$1.00; ¼ oz., \$2.00.

Sweet Peas

Early Flowering—Spencer Novelties

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate. Duplexed varieties often have 3 to 4 standards and the same number of wings, giving the appearance of a semi-double flower.

	Oz.	Lb.
Annie Laurie. Richest tone of pure rose pink.....	\$0.70	\$7.00
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose on white ground.	.60	6.40
Apollo. A soft salmon pink self. Flowers large, long stemmed. Exceptionally fine variety.....	.40	4.20
Cattleya. Rosy lilac flowers.....	.60	6.20
Dwarf Bo-peep. Early flowering Spencer, salmon pink, fine for pot plant, upright grower. Not a Cupid	.80	8.00
Eleanor Blue. New. Blue with a silver sheen. Fragrant.....	.80	10.00
Early Attraction. New. Deep rose on salmon, slightly iridescent.....	1.40	....
Exposition Pink. New. Large waved rich pink flowers on long stems.....	1.00	14.00
Fandango (Duplex). Bright rose, large magnificently frilled, long stemmed.....	.40	4.40
Fascination. Rose pink, long stems, strong grower.	.40	4.50
Forty-Niner. Deep yet bright true orange shade.	.40	4.40
Fragrance. Large frilled lavender flowers, sweetly fragrant.....	.60	8.00
Gloria. Sparkling salmon rose with shades of amber.	.50	....
Greeting. Clear lavender, fine commercial early sort.	.40	4.80
Hope. A mammoth flowered black seeded pure white.	.50	5.00
Laddie. An enormous rose-pink on white ground.	.50	5.40
Lavanda New. Large clear lavender flowers. ¼ lb., \$4.00	1.20	15.00
Majestic Rose. Immense deep brilliant rose-pink flowers on long stems.....	.60	6.00
Mrs. Calvin Coolidge. Salmony pink.....	.40	4.40
Mrs. Herbert Hoover. "The California Blue." Vigorous growth, great length of stem, uniform blue...	.40	4.40
Mrs. Holscher. Rose-pink.....	.50	5.00
Michigan. A mammoth dark, pure lavender.....	.40	4.00
Peaches. Bright apricot rose with touch of lemon...	.50	5.00
Pride. Pure cerise, deeper than Sunray, large flowers on long stems.....	.45	4.80



SWEET PEAS Annie Laurie

	Oz.	Lb.
Prosperity. New. Orange salmon suffused with amber.....	\$1.20	....
Satin Rose. Rose and amber with touch of salmon.	.60	\$ 6.00
Sunray. Brilliant glowing yet soft cerise on cream ground with a suspeion of orange.....	.40	4.40
Susanna. New. Rich carmine red on long stem...	1.00	12.50
Valencia. Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.....	.45	4.80
Vogue. An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender. Delicious fragrance.....	.40	4.50
White Harmony. A standard black-seeded white.	.45	5.00

Early Flowering—Spencer Varieties

	Oz.	Lb.
All-White. An early King White.....	\$0.40	\$4.20
Alameda. Deep rose-pink, overlaid with glowing salmon cerise-pink on white ground.....	.40	4.00
Amethyst. An early-flowering "Royal Purple".....	.40	4.40
Aviator. Scarlet.....	.40	4.00
Ball Rose. A bright dark rose with amber flush.....	.40	4.80
Blue. Clear blue, good bloomer.....	.40	4.40
Orange. Clear deep orange.....	.50	5.00
Rose Queen. Best long-stemmed rose.....	.40	4.40
Blue Bird. A magnificent violet-blue.....	.40	4.40
Blue Bonnet. Extra large, fine deep blue.....	.40	4.00
Blue Boy.....	.40	4.20
Bright Light. Flaming scarlet.....	.40	4.40
Burpee's Lavender. A large flower, color a lovely light Wisteria lavender; strong grower.....	.40	4.00
Orange. Glistening orange.....	.40	4.80
Charm. Glowing rose-pink.....	.40	4.20
Chevalier. Magnificent cerise-rose.....	.40	4.40
Columbia. The best pink and white.....	.40	4.20
Eldorado. Pure orange-salmon.....	.40	4.40
Enchantress. Bright rose-pink.....	.40	4.40
Fair Maid. A blush-pink, suffused salmon.....	.40	4.00
Giant Rose. Improved Zvolanek's Rose.....	.40	4.40
Glitters. Bright fiery-orange, wings deep orange...	.40	4.50
Grenadier. A glowing poppy-scarlet.....	.40	4.40
Harmony. Lavender.....	.45	4.80
Hercules. Rosy pink.....	.40	4.20

	Oz.	Lb.
Imperial Pink. Clear pink, enormous size.....	\$0.40	\$4.40
Jeanne Mamitsch. Striking pink, shading off to deepest pink.....	.40	4.50
Lavender King. Lavender.....	.40	4.40
Madonna. Black-seeded white.....	.40	4.80
Miss Spokane. Cerise red, scarlet wings.....	.40	4.00
Miss Louise Gude. Brilliant pink.....	.40	4.00
Morse's Superior Pink. Rose-pink, shaded salmon	.40	4.00
Mrs. Kerr. Salmon.....	.45	5.00
Orange King. Glowing orange.....	.45	4.60
Sparkle. Vivid scarlet.....	.40	4.00
Spring Song. Salmon-pink on cream.....	.40	4.40
Snowstorm Improved. White, of great substance.	.40	4.40
Sweet Lavender. A pure lavender self.....	.40	4.60
Vulcan. Vivid scarlet; never burns.....	.40	4.20
Zvolanek's Blue Sensation. Clear blue.....	.40	4.40
Rose. A giant rose-pink; sow for spring blooming to follow the mums.....	.40	4.00
Orange.....	.40	4.40
White Rose.....	.40	4.00
Early-Flowering Spencer, Vaughan's Special Mixture.....	.40	4.00

SWEET PEAS IN MIXTURE (Not Early Flowering)

Vaughan's Prize Mixture.....	10 lbs.,	\$8.50	.15	1.00
Eckford Mixture.....	10 lbs.,	4.00	.10	.50

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.
All Bright. Scarlet cerise.....	\$0.20	\$1.80
Ascot. Bright pink.....	.20	1.80
Barbara. Salmon.....	.20	1.80
Blanche Ferry. Rose standard and white wings.....	.15	1.60
Bonnie Briar. Mammoth rose-pink.....	1.00	.....
Charming. Rose-cerise.....	.20	1.80
Charity. Best red (Improved King Edward VII).....	.15	1.60
Commander Godsall. Violet-blue.....	.15	1.60
Constance Hinton. Black seeded white.....	.15	1.60
Crimson King. Rich deep clear crimson.....	.20	1.80
Edna May Improved. Pure white.....	.15	1.60
Elfrida Pearson. Large pale pink.....	.15	1.60
Flamingo. Cerise-scarlet.....	.20	1.80
Floradale. Salmon pink on cream ground.....	.20	1.80
Fluffy Ruffles. Rich rose shaded salmon and cream duplexed.....	.20	2.00
Fortune. Rich dark blue.....	.20	1.80
Giant Attraction. Fawn-pink, cream ground.....	.15	1.80
George Shawyer. Salmon-rose.....	.15	1.60
Gleneagles. Large lavender.....	.20	1.80
Gold Crest. Orange, tinted salmon.....	.20	1.80
Guinea Gold. Golden orange.....	.20	2.00
Hawlmarmk Pink. Deep rose pink.....	.20	1.80
Salmon-Pink.....	.20	1.80
Scarlet.....	.20	1.80
Lavender.....	.20	1.80
Heavenly Blue.....	.20	1.80
Hebe. Bright pink.....	.15	1.60
Hercules. A pale rosy-pink flower of giant size.....	.15	1.60
Illuminator. Rich salmon-pink.....	.15	1.60
Ivory Picture. Ivory-cream.....	.20	1.80
King Manuel. Chocolate-maroon.....	.15	1.60
King White. Gigantic flowers of pure white.....	.15	1.60
Magnet. Bright cream-pink.....	.20	1.80
Mary Pickford. Dainty cream-pink suffused salmon.....	.15	1.60
Matchless Cream.....	.15	1.60
Mermaid. Rich, true lavender.....	.20	2.20
Miss California. Orange-salmon and cream-pink.....	.20	1.80
Mrs. Cuthbertson. Rose-pink and white.....	.15	1.60
Mrs. Tom Jones. Bright blue.....	.15	1.60
Olympia. Deep rich purple.....	.15	1.60
Picture. Flesh-pink with creamy apricot.....	.20	1.80
Pinkie. Rose-pink, largest.....	.20	1.80
Powerscourt. Lavender.....	.20	1.80
President Harding. Salmon-cerise suffused orange.....	.20	1.80
Prince of Orange. The deepest orange.....	.20	1.80
Rosabelle. A very fine large rose-colored flower.....	.15	1.60
Royal Purple. Rich purple.....	.15	1.60
Royal Scot. Brilliant scarlet.....	.15	1.60
Royal Sovereign. Large orange-salmon.....	.15	1.60
Snowball. New white.....	.20	1.80
Sybil Henshaw. Crimson.....	.20	1.80
Tangerine Improved. Glowing orange.....	.20	1.80
Warrior. A fine maroon.....	.15	1.60
Wembley. Lavender suffused plumbago blue.....	.20	1.80
Youth. Exquisite shell-pink picotee edge on a pure white ground.....	.20	1.80
Vaughan's Special Mixture of Spencer Varieties, made up from separate varieties.....	10 lbs., \$12.00	.15 1.40
Vaughan's Florist's Mixture of Spencer Varieties.....	.20	2.00
Spencer Hybrids in splendid mixture.....	10 lbs., \$8.00	.15 1.00

Sedum Coeruleum (Stone Crop) Blue. 3 in.....	.50	.....
Sensitive Plant (Mimosa Pudica).....	.15	.50
Shamrock.....	lb., \$5.00	.15 .50
Solanum Capsicastrum nanum.....	.15	.50
Bird's Eye Pepper.....	1/4 oz., 60c	.35 2.00
Christmas (Chameleon).....	1/4 oz., 50c	.25 1.80
Cleveland Red.....	.15	.60
Cleveland Orange.....	.35	1.80
Hlavacek's "Masterpiece." More compact than the old type and produces much more freely of fruit.....	1/4 oz., 50c	.25 1.80
Silene Armeria (Catchfly). Mixed.....	.10	.25
Armeria Rosea, 1 ft.....	.10	.25
Pendula Rosea. Pink, 10 in.....	.10	.20

	Oz.	Lb.
Smilax.....	1 lb., \$5.00	\$0.15 \$0.50
Snape-dragon. See Antirrhinum.....		
Statice Sinuata. True blue. Fine cut-flower.....	1 lb., \$3.00	.10 .30
Sinuata. Dwarf True Blue (Kampf Improved) variety. Very dark flowers blooming about two weeks earlier than type.....	1 lb., \$5.00	.15 .80
White.....	1 lb., 1.80	.15 .80
Rosea Superba.....	1 lb., 3.00	.10 .30
Pastel shades mixed.....		.15 .50
New colors mixed.....	1 lb., \$5.00	.15 .80
Bonduelli. Golden yellow.....	1 lb., 2.40	.10 .20
Puberula. Flowers 5 months after sowing, grows only 4-6 in. high and forms large magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens. Turfy loam mixed with peat and plenty of sand is the most suitable soil. In winter it can be kept in the greenhouse.....	1/4 oz., 80c	.50 2.80
Suworowii. Russian or Rat tail. Flowers bright rose color.....	1 lb., \$8.00	.25 .80
Stevia Serrata. White, fine cut-flower.....	1/4 oz., 40c	.25 1.40
Strawberry "Rugen". (Everbearing Strawberries from seed.) Sown early and young plants transplanted to field, will produce the same year a wonderful crop of mid and late season fruit. The plants form no runners and bear great quantities of deep, dark red berries, resembling an immense wild strawberry. The fruit has a delicious, sweet flavor and a pleasing aroma. It is ideal for use fresh or preserved.....		.50 .80

Sunflower

Annus Purpureus (Red Sunflower).....	.10	.30
Intermediate Sanguineus Excelsior.....	.15	.40
Argyrophyllus (Silver-leaved), 7 ft.....	.10	.20
Californicus fl. pl. Double Californian, 10 ft.....	.10	.20
Globosus Fistulosus fl. pl. Fine double.....	.10	.20
Double Dwarf (Nanus Fl. Pl.) 3 ft.....	.10	.25
Double Chrysanthemum-Flowered.....	1 lb., \$2.00	.10 .20
Maroon Prince. Dwarf-growing, single-flowering true maroon.....		.15 .60
Miniature Sunflower (Cucumerifolius), 5 ft.....	1 lb., \$3.00	.10 .30
Cucumerifolius Stella.....		.10 .30
Orion.....		.10 .30
Double Hybrids.....		.15 .50
Purpureus.....		.10 .40
Vaughan's Special Mixture.....		.10 .40
Multiflorus. Many flowered double.....		.10 .30
Thunbergia. Mixed.....	1 lb., \$6.00	.15 .60
Gibsoni. A lovely new graceful climber for covering pillar and trellis work in greenhouses, or may be flowered outdoors in Summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$2.20.....	1000 seeds, \$20.00	.....
Tithonia Speciosa. "Mexican Sunflower".....	1/4 oz., 40c	.25 1.40
Torenia Fournieri. Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip.....	1/4 oz., 65c	.25 2.20
Fournieri Compacta. Dwarf.....	1/8 oz., 50c	.25 .80
White Wings.....	1/4 oz., 70c	.25 .80
Bailloni. Yellow with brown.....		.35 .80
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in.....	1/8 oz., 85c	.35 .80
Ursinia, Anethoides. Rich orange-yellow and purple zone.....	1/4 oz., 60c	.35 2.00
New Hybrids.....	1/4 oz., 80c	.35 2.80

Venidium

Calendulaceum. Bushy plant with large brilliant orange colored, daisy-like flowers with a paler zone round the central dark disk, and silvery-greyish foliage. 14 in.....	1/8 oz., 40c	.25 1.40
Fastuosum. Above the greyish silky foliage rise numerous orange flowers, are marked with a purple-black zone averaging 4 to 5 in. across. Treat as a half hardy annual, sowing in March or April, as germination is difficult earlier. Plant in sunny position. 2-3 ft.....	1/4 oz., \$1.20	.35 4.00
Viscaria Oculata. Mixed.....		.10 .40
Nana compacta oculata. Mixed.....		.15 .90
Coerulea Blue Bouquet.....	1/8 oz., 50c	.25 .80
Cardinalis. Bright carmine.....		.10 .40



STOCKS, Giant Bismarck Shasta

Vinca

	Trade pkt.	Oz.
Rosea. Pink, 1 ft. ....lb., \$8.00; ¼ oz., 25c	\$0.15	\$0.80
Fl. Albo Oculata. White with pink eye. ¼ oz., 25c		
Alba Pura. Pure white. ¼ oz., 25c	.15	.80
Delicata. Soft pink. ¼ oz., 25c	.15	.80
Mixed. ....lb., \$8.00; ¼ oz., 25c	.15	.80
Virginia Stocks. Mixed. A splendid edging plant. ....lb., \$2.00	.....	.20
Nana Compacta. Dwarf bushes not over 8 inches in height covered with bright flowers during the entire season.		
Innocence, pure white. ....	.15	.80
Love, bright rose. ....	.15	.80
Crimson Gem, crimson. ....	.15	.80
Mixed. ....	.15	.80
Whitlavia Gloxinoides. Blue. A good cut-flower. ....	.15	.40
Wild Cucumber. Vine. ....	.10	.25
Xeranthemum. Double mixed. ....lb., \$4.80	.15	.50
Superbissima (Pompon) mixed, improvement on above. ....	.15	.65
Zea Japonica (Variegated Corn) ....lb., 2.00	.10	.20
Japonica Quadricolor Perfecta.....	.10	.25

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.

	Trade pkt.	Oz.
Antique Copper Dark Blue	Flesh	Lavender
Appleblossom	Fiery Blood-Red	Gold Ball
Chamois	Lilac	White
Each of the above. ¼ oz., \$1.00	\$0.35	\$3.00
Giant Bismarck. Mixed, all colors. ¼ oz., 60c	.35	2.20
Buttercup. Deeper shade than Gold Ball. ¼ oz., \$1.00	.50	3.60
Golden Rose. ¼ oz., \$1.00	.35	3.60
Elk's Pride. Royal purple. ¼ oz., \$1.00	.35	3.20
Old Rose. ¼ oz., \$1.00	.35	3.60
Santa Maria. Large flowering, pure white. ¼ oz., \$1.00	.50	3.60
Shasta. Vigorous, glistening white. ¼ oz., \$1.00	.35	3.60
White Wonder. It is a tall growing variety of the Bismarck type in habit and season. The heads are very large and the individual flowers are closely set and of extraordinary size.		
..... 1000 seeds \$1.00; ⅛ oz., \$1.50	....	10.00
Red Wonder. Same habit as above. The percentage of double flowering plants is between 70 and 80.		
..... ⅛ oz., \$1.50; 1000 seeds	.50	....

GIANT PERFECTION—Cut and Come Again

	Trade pkt.	Oz.
Canary	Sky Blue (May Queen)	
La France (Flesh)	Rose	
Sapphire (Dark Blue)	White (Improved Snowdrift)	
Scarlet	Empress Augusta Victoria, silvery lilac.	
Heatham Beauty. Rose shaded terra cotta.		
Each of the above. ⅛ oz., 35c	\$0.25	\$2.40
Hermosa. A lovely Hermosa rose, lighter toward the center. ¼ oz., 90c	.35	3.00
Giant Perfection. Mixed, all colors. ¼ oz., 50c	.25	1.80

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 makes them a profitable type. Are in season with Bismarck variety.

	Trade pkt.	Oz.
White	Chamois Rose	Rose
Light Blue	Dark Blue	Crimson
Silvery Lilac (Lilac Lavender)		
Each of above. 1000 seeds, \$1.00 ⅛ oz., \$1.50;		
..... ¼ oz., 2.70	....	\$9.00
Excelsior Column. Mixed, all colors.		
1,000 seeds, 75c. ⅛ oz., \$1.20	....	....
Appleblossom (Dwarf White). 1000 seeds	1.00	....
..... ⅛ oz., 1.50	....	....
Ruby, a good color for greenhouse. 1000 seeds	1.00	....
..... ⅛ oz., 1.50	....	....
Illusion. Vivid crimson. 1000 seeds \$1.00; ⅛ oz., 1.50	....	....

MAMMOTH CHAMPION COLUMN

These, like Excelsior Column, produce only one flower spike. **White Tinted Rose** **Chamois Rose** **Brilliant Rose**

Each of above. 1000 seeds \$1.00; ⅛ oz., \$1.35
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The above are different from the Column (single stem) Stocks. They grow taller and the heads are more massive.

BEAUTY OF NICE—Early, Large-Flowering, Winter

American Beauty	Monte Carlo.	Yellow
Abundance. Soft carmine-rose	Mont Blanc.	White
Aurora. Golden buff suffused with rose	Pink, Flesh	
	Souv. de Monaco.	Crimson
Belle of Naples. Old rose-salmon	Summer Night.	Dark blue
Cote d'Azur. Light blue		
Each of the above. ⅛ oz., 35c	\$0.25	\$2.40
Beauty of Nice, Mixed. ¼ oz., 50c	.25	1.80

EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose. ⅛ oz., 60c	.35	4.00
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DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots and bedding. Not desirable for cutting.

	Trade pkt.	Oz.
Blood-Red	Dark Blue	Light Blue
Bright Pink	Deep Rose	Mauve (Water-blue)
Canary-Yellow	Flesh	White
Each of above. ⅛ oz., 40c; ¼ oz., 60c	\$0.25	\$2.00
Dwarf Large-Flowering. 10 weeks, mixed, all colors.		
Extra choice. ⅛ oz., 35c; ¼ oz., 50c	.25	1.60
Vaughan's Special Mixture. All sorts. ¼ oz., 90c	.35	3.60



VERBENA Beauty of Oxford Hybrids

Verbena

Trade pkt. Oz.

- Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. While following closely the color of Beauty of Oxford, it also inherits a touch of salmon-pink from Luminosa which gives a lovely softening effect to the sometimes harsh coloring of Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. They are half as large again as Beauty of Oxford and will easily cover a silver half dollar. The foliage is a dark cress green. 1/4 oz., 65c \$0.35 \$2.20
- Gigantea Alba. Very large, pure white. 1/4 oz., 50c .25 1.60
- Coccinea Scarlet. 1/4 oz., 50c .25 1.60
- Etna. Geranium-red with a small creamy yellow eye. This variety often germinates very slowly and unevenly. If given care and plenty of time it will come practically 100%. 1/4 oz., 50c .25 1.60
- Lavender Glory. Truc lavender with creamy white eye. Fragrant. About 80% true. 1/4 oz., 70c .35 2.40
- 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
- Miss Helen Willmott. Bright salmon-rose with white eye. The seed produces flowers mostly of the true type with a small percentage of varying shades. 1/4 oz., 60c .25 1.80
- Rosea Stellata. Pink, white eye. 1/4 oz., 50c .25 1.60
- Rose Cardinal. Bright red. 1/4 oz., 50c .25 1.60
- Royale. Royal blue with creamy yellow eye. 1/4 oz., 50c .25 1.80
- Sutton's Giant Pink. 1/4 oz., 50c .25 1.80
- Violacea Stellata. Violet, white eye. 1/4 oz., 50c .25 1.60
- Gigantea. Mixed. 1/4 oz., 40c .25 1.40
- Royal Bouquet Mixed. This variety has an upright growth on straight stems, making it a good cut-flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors; 15-18 in. 1/4 oz., 65c .35 2.20
- Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. 1/4 oz., 60c; 2 oz., \$3.60 .25 2.00
- Purple shades. 1/4 oz., 35c .25 1.25
- Pink and Rose shades. 1/4 oz., 35c .25 1.25
- Dark blue. 1/4 oz., 35c .20 1.25

Perennials for Rock Gardens will be found in perennial pages 29 to 40 marked with X.

- VERBENA—Continued
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|--|-----------------|---------------|
| | Trade pkt. | Oz. |
| Blue shades. | 1/4 oz., 35c | \$0.25 \$1.25 |
| Defiance. Brilliant scarlet, true. | 1/4 oz., 35c | .25 1.25 |
| Garnet. | | .25 2.00 |
| Mayflower. Pink. | 1/4 oz., 45c | .25 1.40 |
| Lutea Improved. Yellow. | 1/4 oz., 35c | .25 1.25 |
| Purple Mantle. | 1/4 oz., 35c | .25 1.25 |
| Striped. | 1/4 oz., 35c | .20 1.25 |
| Mammoth. Mixed. | 1/4 oz., 35c | .25 1.00 |
| Dwarf Mixed. A choice strain of dwarf, growing plants in mixture. Good for pots and bedding | 1/4 oz., 60c | .35 2.25 |
| Blue with white eye. | 1/4 oz., 60c | .35 2.25 |
| Carmine Ball. A beautiful erect compacta Verbena of similar form to Fireball. It forms a perfectly symmetrical plant about ten inches high and twelve inches across and is completely covered with bright carmine flowers. | 1/4 oz., \$1.25 | .50 4.00 |
| Chamois. A new shade in the dwarf sorts, pale chamois tinted buff, 10 in. | 1/4 oz., 60c | .35 2.25 |
| Danebrog. Very compact growth thus useful for bedding. Flowers of intense scarlet with a contrasting large white eye. Very showy and attractive and comes true to type and rich sparkling color. | 1/4 oz., \$1.25 | .50 4.00 |
| Dark Blue. Almost a rich purple. | 1/4 oz., 60c | .25 2.25 |
| Fireball. Scarlet. Excellent for borders and pot plants, 6 in. | 1/4 oz., 60c | .35 2.25 |
| Garnet. Very erect. | 1/4 oz., 60c | .25 2.25 |
| Pink. | 1/4 oz., 60c | .25 2.25 |
| White. Heads of creamy white flowers. | 1/4 oz., 60c | .25 2.25 |

Various Sorts

- Venosa. Heliotrope blue fine for bedding when combined with alyssum; used extensively in the Chicago parks, 1 ft. 1/4 oz., 35c .25 1.20
- Erinoides (Moss Verbena). Purple, 1 ft. 1/4 oz., 35c .25 1.20
- White. 1/4 oz., 35c .25 1.20
- Lemon (Citriodora). 1/4 oz., 85c .35 3.00

Annuals for Rock Gardens

In order to have color in the rock garden in mid-summer, it is almost necessary to use Annuals, for they will give us color at that time regardless of heat and draught.

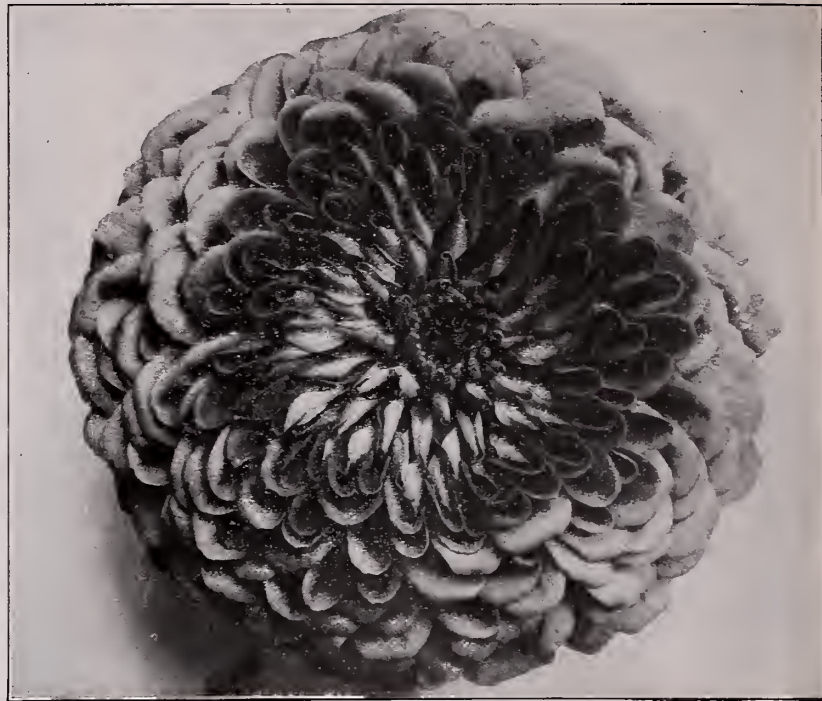
- Agrostemma Coeli-rosa, 8-inch.
- Alyssum Minimum, white, 2-inch.
- Maritimum Vaughan's Little Gem, white, 3-inch.
- Clintonia Pulchella, blue, 6-inch.
- Collinsia. Mixed, 10-inch.
- Dianthus Chinensis Tom Thumb Brilliant. Scarlet, 10-inch.
- Erysimum Perofskianum, orange, 12-18-inch.
- Gazania Longiscapa, golden yellow, brown ring, 10-inch.
- Gypsophila Muralis, rose-pink, 6-inch.
- Ionopsidium Acaule, lilac, 4-inch.
- Kaulfussia Amelloides, blue, 6-10-inch.
- Leptosiphon French Hybrids, 10-inch.
- Limnanthus Douglasi, yellow and white, 6-inch.
- Mesembryanthemum Crystallinum (Ice Plant), 4-inch.
- Tricolor, carmine white and purple, 6-inch.
- Nemesia Strumosa Nana Compacta, separate colors and mixed, 8-inch.
- Phacelia Campanularia, blue, 6-9-inch.
- Phlox Drummondii Nana Compacta, separate colors and mixed, 6-8-inch.
- Sanvitalia Procumbens fl. pl., yellow and brown, 6-inch.
- Verbena Venosa, deep lilac, 12-inch.
- Erinoides, deep lilac, 12-inch.
- Virginia Stock. Mixed, 6-inch.

Annuals to Sow in Crevices Between Stepping Stones

- Clintonia Elegans, blue and white, summer, 6-inch.
- Pulchella, blue, 6-inch.
- Portulaca.
- Saponaria Calabrica Compacta, deep rose, summer-fall, 6-inch.
- Sedum Coeruleum, blue, July, 3-inch.



ZINNIA Giant Colossal



ZINNIA Dahlia-Flowered

Zinnia

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.

Bright Rose	Deep Salmon	Pink Shades		
Buttercup	Faust (Blackish Maroon)	Royal Purple		
Burnt Orange	Golden Yellow	Scarlet		
Cream	Lavender	Violet		
Crimson	Orange	White		
Deep Flesh			Trade pkt.	Oz.
Each of the above.....			\$0.15	\$0.80
Colossal Varieties, special. Mixed.....			.15	.80

Early Wonder. Salmon Pink. 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. ¼ oz., 60c .35 2.00

Picotee Mixed25 1.20

Pumila Pink 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.20 1.40

Crested or Curled10 .50

Lilliput. Mixed15 .60

Crimson	Rose Bud			
Golden Gem	Salmon Rose. A lovely color			
Lilac	Scarlet Gem			
Orange	White Gem			
Each of the above.....			.15	.80

Red Riding Hood. Scarlet..... .15 .80

Mexicana (Haageana) Fl. Pl., double yellow..... .15 .80

Hybrida. Mexican Hybrids. Single..... .15 .80

Hybrida. Mexican Hybrids. Double. . . . ¼ oz., 40c .25 1.40

Pumila Fl. Pl. This is called the "Cut and Come Again" type.

Alba Plena. Snowball..... .10 .50

Canary Yellow..... .10 .50

Coccinea Plena. Fireball..... .10 .50

Aurea Plena. Goldball..... .10 .50

Pinkie..... .15 .60

Salmon Rose. Remarkable shade, good for cut-flowers..... .15 .60

Mixed. The above shades..... .10 .40

Pastel Shades Mixed. All varieties..... .25 1.20

Scabiosa Flowered, Mixed..... ¼ oz., 60c .35 2.20

Dahlia-Flowered

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

Attraction, brick-red.....	\$0.25	\$1.00
Buttercup-Yellow.....	.25	1.00
Canary Bird, primrose.....	.25	1.00
Crimson Monarch, best red.....	.25	1.00
Dream, deep lavender.....	.25	1.00
Eldorado. Rose on deep salmon.....	.25	1.00
Exquisite, light rose, center rose.....	.25	1.00
Golden Dawn. Golden yellow.....	.25	1.00
Golden State, rich orange.....	.25	1.00
Illumination, deep rose.....	.25	1.00
Luminosa. Bright deep pink suffused with salmon.....	.25	1.00
Old Gold. Burnished shades of deep and old gold.....	.25	1.00
Old Rose.....	.25	1.00
Oriole, orange and gold.....	.25	1.00
Meteor, darkest red.....	.25	1.00
Scarlet Flame, bright scarlet.....	.25	1.00
Polar Bear, white.....	.25	1.00
Purple Prince.....	.25	1.00

Dahlia-Flowered, Mixed. Many colors .lb., \$10.00 .25 1.00

Dahlia-Flowered, Go'd Medal Hybrids. A superior mixture containing many new varieties. .lb., \$12.00 .35 1.25

Crown O' Gold. The color range comprises the more popular florist shades; including old rose, cream, yellow, carmine and burnished-red—all with golden base..... .25 1.20

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 attractively imbricated.

Brightness. Bright, deep rose color.	
Cerise Queen.	
Daffodil. Canary-yellow.	
Enchantress. Extra choice pink.	
Grenadier. A very dark red, similar in color to Meteor.	
Lavender Gem. Resembling Dahlia-flowered Dream.	
Lemon Queen. Canary and cerise, fragrant.	
Miss Willmott. Soft pink.	
Orange King. Similar in color to the Calendula of the same name.	
Pink Profusion. Delicate shrimp pink.	
Purity. A clean pure white.	
Rose Queen. Develops into a deep rose.	
Scarlet Queen.	
Violet Queen. Dark violet.	

Each of the above..... Trade pkt. Oz. \$0.25 \$1.00

California Giants. Mixed. All colors..... .25 1.00

Vaughan's Special Mixture. All elegans varieties.. .20 1.00

¼ lb. and upward supplied at pound rate.



AQUILEGIA Dobbie's Imperial Hybrids



ACHILLEA, The Pearl



ANCHUSA ITALICA, Dropmore Variety

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.
<i>Acaena</i> <i>Glauca</i> . X Silvery-blue foliage, for carpeting and rock steps, 2 in.	¼ oz., 40c	\$0.25	.....
<i>Microphylla</i> X Brownish foliage, 9 in.	¼ oz., 40c	.25	.....
<i>Acanthus</i> <i>Latifolius</i> (Bear's Breech), 3 ft. ....	.10	\$0.40	.....
<i>Achillea</i> <i>Ageratum</i> X Yellow, scented, 24 in. ....	.25	1.20	.....
<i>Filipendula</i> , Parker's Var. Yellow, 4 to 5 ft. ....	.35	2.20	.....
<i>Millefolium</i> <i>Kelwayi</i> . Magenta red, 40 in. ¼ oz., 75c	.25	2.60	.....
<i>Cerise Queen</i> . Dark cherry-red, 24 in. ....	.35	.....	.....
<i>Rubra</i> , Magenta red, 24 in.	¼ oz., 80c	.35	2.80
<i>Ptarmica</i> Fl. Pl. <i>The Pearl</i> . Abundant small white flowers, for cutting, 30 in.	¼ oz., 80c	.35	2.80
<i>Perry's White</i>	¼ oz., \$1.20	.50	.....
<i>Tomentosa Aurea</i> . X Ferny green mats, golden umbels, 6 in.	¼ oz., \$1.20	.50	.....
<i>Aconitum</i> <i>Monk's Hood</i> . <i>Fischeri</i> . Large pale blue flowers, 30 in.	¼ oz., 50c	.25	1.80
<i>Napellus</i> , Dark blue, 36 in. ....	.25	1.40	.....
<i>Wilsoni</i> . Rich blue, 6 to 7 ft.	¼ oz., 85c	.35	3.00
<i>Adlumia</i> <i>Cirrhus</i> , Allegheny Vine. Hardy climber ..	.25	1.60	.....
<i>Adonis</i> <i>Vernalis</i> . Golden yellow, 12 in. ....	.35	2.00	.....
<i>Aethionema</i> <i>Coridifolium</i> (Lebanon Candytuft). Light mallow purple, 9 in. ....	.50	.....	.....
<i>Grandiflorum</i> . Slender branches wavy gray leaves, beautiful pink flowers surround the stem. June. 18 in.	.50	.....	.....
<i>Agathe</i> <i>Coelestis</i> (<i>Amelloides</i>) (Blue Daisy). 40 in.	¼ oz., 40c	.25	1.20
<i>Agrostemma</i> <i>Coronaria</i> <i>Atrosanguinea</i> . Deep blood-red, 28 in. ....	.10	.30	.....
<i>Coronaria</i> , Mixed .....	.10	.25	.....
<i>Flos Jovis</i> . Carmine-rose, 16 in. ....	.10	.30	.....
<i>Hybrida Walkeri</i> . Brilliant rosy-purple, 16 in. ....	.10	.30	.....
<i>Allium</i> <i>Pulchellum</i> X Brilliant loose clusters of lilac-red flowers, August, 16 in. ....	.35	2.80	.....
<i>Alsine</i> <i>gracilis</i> , white, 6 in. ....	.50	.....	.....
<i>Allwoodii</i> , see <i>Dianthus</i> .			
<i>Alstroemeria</i> <i>Aurantiaca</i> . Orange, streaked with red, 3 to 4 ft. ....	.50	5.00	.....
<i>Pulchella</i> . Brilliant yellow with red streaks, 3 ft. ..	.35	3.00	.....
<i>Alyssum</i> X <i>Argenteum</i> . Yellow-flowered, 24 in. ....	.25	1.80	.....
<i>Rostratum</i> , yellow, 16 in.	¼ oz., 50c	.25	1.80
<i>Saxatile compactum</i> (Gold Dust), 12 in. ....	.15	.80	.....
<i>Sulphureum</i> . Sulphur-yellow, 15 in. ¼ oz., \$1.35	.50	5.00	.....
<i>Serpyllifolium</i> . Yellow, 6 in.	¼ oz., \$1.00	.50	.....
<i>Ampelopsis</i> <i>Veitchi</i> , Boston Ivy. Clean seed. lb., \$2.40	...	.30	.....

	Trade	pkt.	Oz.
<i>Anchusa</i> <i>Angustifolia</i> . Navy-blue, 36 in.	\$0.20	\$1.20	.....
<i>Italica</i> , Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. .lb., \$5.60	.15	.60	.....
Dwarf Dropmore Variety, neat habit, flowers brighter blue than preceding.	¼ oz., \$1.00	.50	.....
<i>Lissadell</i> . Clear gentian-blue. 6 ft. ¼ oz., 25c	.15	.80	.....
<i>Opal</i> . Light blue, 3 to 5 ft.	¼ oz., 25c	.15	.80
<i>Myosotidiflora</i> . X Beautiful Forget-Me-Not-blue, 15 in.	¼ oz., \$1.60	.50	6.00
<i>Anemone</i> (Windflower), <i>Coronaria</i> . Mixed, very showy, 18 in.	lb., \$5.00	.15	.50
<i>Coronaria</i> , Double Chrysanthemum-Flowered, 18 in., fine.	lb., \$12.00	.25	1.00
<i>Blue</i>	¼ oz., 65c	.35	2.40
<i>Creagh Castle Strain</i> . Large color range. ¼ oz., \$2.70	1.00	10.00	.....
<i>His Excellency</i> . X Single, scarlet, 1 ft. .lb., \$12.00	.25	1.00	.....
<i>The Governor</i> . X Double bright scarlet. ¼ oz., 85c	.50	3.00	.....
<i>St. Brigid's Hybrids</i> . True Irish strain. Irish-grown <i>St. Brigids</i> 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.	¼ oz., \$1.20	.50	4.00
<i>St. Brigid</i> . Regular strain, 18 in.	lb., \$20.00	.25	1.60
<i>Pulsatilla</i> X <i>Violet-lilac</i> , 12 in.	¼ oz., 65c	.35	2.40
<i>Rubra</i> . X red, 12 in. ....	.75	.....	.....
<i>Sylvestris</i> . X White, large-flowered, 12 in. ¼ oz., 65c	.35	2.40	.....
<i>Antennaria</i> <i>Margaritacea</i> . White everlasting, 2 ft.	¼ oz., \$1.50	.50	.....
<i>Anthemis</i> <i>Kelwayi</i> (Hardy Marguerite). Daisy-like yellow blossoms, produced all summer, 2 ft. ....	.15	.50	.....
<i>Kelwayi Alba</i> . Hardy white Marguerite, 3 ft. ....	.15	.60	.....
<i>Montana</i> . X Charming species producing pure white flowers in abundance, 12 in.	¼ oz., 40c	.25	1.40
<i>Tinctoria</i> . Very useful yellow border plant, 2 to 3 ft.	.15	.60	.....
<i>Perry's Variety</i> . Pale golden yellow, 2 ft. ¼ oz., 50c	.25	1.80	.....
<i>Antirrhinum</i> <i>Asarina</i> . X A very free flowering, creeping snapdragon for sunny rock gardens and dry walls. Color cream, 6 in.	¼ oz., 75c	.35	.....
AQUILEGIA X (Columbine)			
<i>Alpina</i> . Blue, 24 in. ....	.35	1.80	.....
<i>California Hybrids</i> . 3 ft.	¼ oz., 50c	.25	1.60
<i>Canadensis</i> . Old rose with yellow, 30 in. ¼ oz., 50c	.25	1.60	.....
<i>Chrysantha</i> . Light chrome-yellow, fine, 36 in. ¼ oz., 40c	.25	1.40	.....
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in.	¼ oz., 90c	.35	3.20

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

Seeds of Biennials and Hardy Perennials



BAPTISIA Australis



ARMERIA Ruby



ARABIS (Rock Cross)

AQUILEGIA—Continued

	Trade pkt.	Oz.
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.	1/4 oz., 70c	\$0.35 \$2.40
Coerulea. X Blue, Rocky Mt. Columbine.	1/4 oz., 50c	.25 1.80
Rose Queen. Shades of rose with white center, 30 in. ....	.35	2.40
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.	1/4 oz., 85c	.50 3.20
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white centers, 12 to 18 in.	1/16 oz., \$1.50	.75
Jaetschauli. Large yellow with red spurs, 36 in.	1/4 oz., 70c	.35 2.40
Long-Spurred Varieties. Choice mixed, 30 in.	1/4 oz., 50c	.25 1.80
Blue Shades.	1/4 oz., 85c	.35 3.00
Copper Queen. Very attractive.	1/8 oz., \$1.20	.50
Crimson Star. Crimson, white corolla.	1/16 oz., \$2.00	.75
Orange and scarlet shades.	1/4 oz., 85c	.35 3.00
Mrs. Scott Elliott's Strain. 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
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine.	1/4 oz., 85c	.50 3.20
Skinneri. Scarlet spurs with yellowish-green corolla.	1/4 oz., 60c	.35 2.00
Vulgaris Alba Plena. Double white, 30 in. ....	.25	1.80
Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring.	1/16 oz., \$1.00	.50
Vaughan's Special Mixture.	1/4 oz., 85c	.50 3.20

Arabis X Alpina. White, 12 in.	lb., \$5.50	.15 .50
Alpina Grandiflora Superba. X Large white, 1 ft. ....	.15	.80
Nana Compacta. X 10 in. ....	.25	1.40
Aubrietoides X Purple lilac.	1.00	....
Billiardieri Rosea. Dwarf pink, 8 in.	1/8 oz., \$1.00	.35
Arenaria Montana X. White, 12 in.	1/8 oz., 85c	.50
Aristolochia Siphon. Large-leaved. ....	.25	1.20
Armeria X Alpina. Purple, 12 in. ....	.25	1.40
Formosa. Red, 2 ft.	1/4 oz., 50c	.25 1.00
Formosa Hybrida, 2 ft.	1/4 oz., 30c	.20 1.00
Lauchiana. Rosy crimson, 9 in.	1/4 oz., \$1.20	.50 4.00
Maritima. Lilac-rose, 12 in.	1/4 oz., 1.20	.50 4.00
Mauritanica (Weller's). True deep pink.	1/8 oz., 1.00	.50
Ruby. Deep rose-colored flowers, 24 in.	1/8 oz., 1.20	.50
Arnica Montana X Yellow, fragrant, 20 in.	1/4 oz., 50c	.35 1.80
Asclepias Tuberosa. Orange, fine, 24 in.	1/4 oz., 60c	.35 2.00
Asparagus Verticillatus. Hardy Climbing Asparagus. ....	.35	2.00
Asperula Hexaphylla. White, excellent for cutting, 3 ft. ....	.15	.80
Odorata, Woodruff. Very odoriferous, white, 8 in. ....	.15	.80
Asphodelus Luteus. Yellow, fragrant, 3 ft.,	1/4 oz., 60c	.35 2.00
Aster Perennial. Choice mixed.	1/4 oz., 50c	.25 1.80
Perennial, Large-Flowering Vars., mixed.	1/4 oz., 65c	.35 2.20
Alpinus. Light blue.	1/4 oz., 85c	.35 3.00

ASTER PERENNIAL—Continued

	Trade pkt.	Oz.
Dark Beauty. Deep blue, June, 12 in.	1/4 oz., 85c	\$0.35 \$3.00
Goliath. X Soft blue, 15 in.	1/4 oz., 90c	.25 3.20
Nixe. X Light blue, 12 in.	1/4 oz., 85c	.35 2.80
Mixed, 15 in.	1/4 oz., 65c	.35 2.40
Amellus Hybridus. A good mixture, 30 in.	1/4 oz., 85c	.50 3.00
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in.	1/4 oz., 1.00	.50
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose, 30 in.	1/8 oz., 85c	.50
Farreri. X Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping.	1/8 oz., 70c	.50 4.40
Sub-coeruleus. X Light blue, 15 in.	1/4 oz., 50c	.25 1.80
Star of Eisenach. X Bright lavender-blue Marguerites with yellow centers measuring more than four inches across, May and June, 30 in.	1/8 oz., \$1.00	.50
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in.	1/8 oz., 1.20	.35
Astilbe Arendsii hybrida rose shades. Splendid large elegant plumes. 2 ft. ....	.75	....
Aubrietia X Large-Flowered Hybrids. Lovely dwarf spring blooming plants, unequalled for borders, rockeries, etc. Form beautiful cushions of foliage and flowers. 6 in.	1/4 oz., 70c	.35 2.40
Bougainvillei. X Dark blue, 6 in.	1/4 oz., \$1.20	.50 4.00
Deltoidica. X Lilac, 6 in.	1/4 oz., 70c	.35 2.40
Eyrii. Free flowering light violet variety.	1/4 oz., 1.00	.35
Graeca. Violet, large, 6 in.	1/4 oz., 50c	.25 1.60
Leichtlini. Large-flowered, rosy purple.	1/8 oz., \$1.20	.50
Rosea Grandiflora. X Pink.	1/4 oz., 1.25	.50
Whitewell Gem. X Purple, 6 in.	1/8 oz., 1.20	.35
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., \$5.00	.15	.50
Beauty Bush (Kolkwitzia Amabilis).	100 seeds, 15c; 1000 seeds, \$1.00	....
Bellis Perennis X or English Daisy, 6 in.		
Longfellow. Very large, double dark rose.	1/4 oz., 40c	.25 1.40
Snowball. Double white.	1/4 oz., 40c	.25 1.40
White with red center.	1/8 oz., 60c	.35
Monstrosa, double pink.	1/4 oz., 75c	.35 2.40
Double red (dark rose).	1/4 oz., 75c	.35 2.40
Double white.	1/4 oz., 75c	.35 2.40
Double mixed.	1/4 oz., 60c	.35 2.00
Tubulosa Aetna. Rich deep red.	1/4 oz., \$1.00	.35 3.60
Bernina, white passing to pink. ....	.35	....
Glory of Frankfurt, brilliant dark red.	1/8 oz., \$1.25	.50
Monterosa, rose. ....	.35	....
Titlis, carmine. ....	.35	....
Extra choice mixed. ....	.25	1.20
Bidens Atrosanguinea. The black Dahlia.	1/4 oz., 50c	.25 1.80

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

Seeds of Biennials and Hardy Perennials



CAMPANULA Medium (Canterbury Bell)



BOCCONIA (Plume Poppy)



CHEIRANTHUS (Siberian Wallflower)

	Trade	pkt.	Oz.
<i>Bignonia Radicans</i> (Trumpet vine).....	\$0.15		\$0.60
<i>Bocconia Japonica</i> (Plume Poppy). 5 ft.....	.15	lb.	.50
<i>Boltonia Asteroides</i> . White daisy flowers, 4-6 ft.....	.35		2.80
<i>Latisquama</i> . Delicate pink, 4-5 ft.....	$\frac{1}{4}$ oz.		45c
<i>Nana</i> . Dwarf.....	$\frac{1}{4}$ oz.		70c
<i>Buddleia Veitchiana</i> . Butterfly Bush. 5 ft.....	.35		2.40
<i>Buddleia Veitchiana</i> . Butterfly Bush. 5 ft.....	.25		1.20
<i>Buphthalmum Cordifolium</i> (<i>Speciosum</i>). Orange-yellow flowers with brown centers, 36 in.....	.25		1.20
<i>Salicifolium</i> . Yellow, 18 in.....	.15		.80
<i>Calamintha Alpina</i> . X Blue, 6 in.....	$\frac{1}{16}$ oz.		\$1.40
<i>Callirhoe Involucrata</i> . X Crimson, 6 in.....	$\frac{1}{4}$ oz.		1.20
	.35		4.00

CAMPANULA

<i>Alliariaefolia</i> . Creamy white. A desirable border plant. 2½ ft.....	$\frac{1}{4}$ oz.		40c	.25	1.40
<i>Carpatica</i> X (<i>Hare Bell</i>). Blue, 9 in.....	$\frac{1}{4}$ oz.		25c	.15	.80
Alba X White, 18 in.....	$\frac{1}{4}$ oz.		30c	.15	.90
Mixed X.....	$\frac{1}{4}$ oz.		25c	.15	.80
<i>Fragilis</i> . Blue, splendid for hanging baskets.....				.50	
<i>Garganica</i> X <i>Elegans</i> dwarf trailer, flowers blue.....	$\frac{1}{32}$ oz.		\$2.00	.50	....
<i>Glomerata Superba</i> . Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.....	$\frac{1}{4}$ oz.		80c	.35	2.80
<i>Lactiflora Coerulea</i> . Light blue, 3 ft.....	$\frac{1}{4}$ oz.		70c	.35	
<i>Latifolia Macrantha</i> . Blue, large-flowered, 40 in.....	$\frac{1}{4}$ oz.		40c	.25	1.40
Alba. White. 40 in.....	$\frac{1}{8}$ oz.		\$1.00	.35	....
Lorei X Violet blue with light center. 6 in.....	$\frac{1}{8}$ oz.		75c	.25	....
Medium <i>Calycanthemum</i> , Cup and Saucer. Blue, 36 in.....				.25	1.40
<i>Calycanthemum</i> , Lilac, White, each.....	$\frac{1}{4}$ oz.		45c	.25	1.40
Pink.....	$\frac{1}{4}$ oz.		45c	.25	1.40
Mixed.....	lb.		\$10.00	.20	1.00
Medium, Single. Canterbury Bell. Blue, 36 in lb., 4.00				.10	.40
Single, Lilac, Rose, White, each.....	lb.		4.00	.10	.40
Mixed.....	lb.		2.60	.10	.30
Double, Blue, 32 in.....				.25	1.20
Rose.....				.25	1.20
White.....				.25	1.20
Mixed.....	lb.		\$8.00	.20	.80
Double and single mixed.....				.15	.60
<i>Persicifolia Alba</i> . White, fine, 30 in.....	$\frac{1}{4}$ oz.		60c	.35	2.00
Alba Plena. Double white, 30 in.....	$\frac{1}{4}$ oz.		85c	.50	3.00
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. June-July. 2 ft.....				.50	....
Grandiflora Large Bell. Large blue cup-shaped flowers. 2½ ft.....	$\frac{1}{16}$ oz.		\$1.20	.50	....
Coerulea. Blue, 30 in.....	$\frac{1}{4}$ oz.		60c	.35	2.00
Grandiflora Coerulea, 30 in.....	$\frac{1}{8}$ oz.		\$1.00	.35	....
Coerulea Plena. Double blue, 30 in.....	$\frac{1}{8}$ oz.		85c	.35	....
Pfitzeri Fl. Pl. Extra large flowered, double blue.....				.50	....
Telham Beauty. Very large bells of China-blue 30 in.....	1-16 oz.		\$1.25	.50	....
Single mixed.....	$\frac{1}{4}$ oz.		65c	.35	2.00

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

	Trade	pkt.	Oz.
CAMPANULA—Continued			
<i>Pusilla</i> . X Light blue bells. Very free blooming, July, 4 in.....	\$1.00		....
Alba. X Pure white.....	1.00		....
<i>Pyramidalis Alba</i> . White, 5 ft.....	$\frac{1}{4}$ oz.		50c
Blue. Lavender-blue, 5 ft.....	$\frac{1}{4}$ oz.		40c
Mixed.....	$\frac{1}{4}$ oz.		40c
<i>Rotundifolia</i> . X Slender branching stems, covered with dainty frail blue flowers, 6-12 in.....	$\frac{1}{8}$ oz.		\$1.00
<i>Olympica</i> X Light blue. 10 to 12 in.....	$\frac{1}{64}$ oz.		1.20
<i>Turbinata</i> . X Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it. June-July. 18 in.....	$\frac{1}{4}$ oz.		80c
Alba. X White, 18 in.....	$\frac{1}{4}$ oz.		60c
<i>Trachelium</i> (<i>Coventry Bells</i>). Crowded heads of lavender-blue flowers, 2-3 ft.....			.15
Perennial Varieties. Mixed.....	$\frac{1}{4}$ oz.		40c
<i>Candytuft</i> X <i>Gibraltarica</i> , 1 ft. Large flowers lilac shaded to white.....	lb.		\$12.00
<i>Jucunda</i> . Dwarf pink, 4 in.....			....
<i>Queen of Italy</i> , 10 in. Dwarf evergreen foliage, rosy lilac, 10 in.....			.15
<i>Sempervirens</i> , 12 in. White.....	lb.		\$16.00
<i>Snowflake</i> . Large pure white flowers.....	$\frac{1}{8}$ oz.		90c
<i>Tenoreana</i> , 16 in. Lilac and white.....			.15
Canterbury Bells. See <i>Campanula Medium</i> .			
<i>Carnation</i> , Vienna Dwarf. Mixed.....	$\frac{1}{4}$ oz.		45c
Vienna Dwarf. White.....	$\frac{1}{4}$ oz.		60c
Pink. 20 in.....	$\frac{1}{4}$ oz.		60c
<i>Grenadin Red</i> . Half high. 20 in.....	$\frac{1}{4}$ oz.		50c
Red. Dwarf. 14 in.....	$\frac{1}{4}$ oz.		65c
Golden Sun. True golden yellow.....			....
White, 20 in.....	$\frac{1}{4}$ oz.		60c
Pink, 20 in.....	$\frac{1}{4}$ oz.		60c
<i>Tausendschon</i> . Soft salmon-rose to bright pink.....	$\frac{1}{4}$ oz.		75c
Velvety Brown, 20 in.....	$\frac{1}{4}$ oz.		60c
Mixed.....	$\frac{1}{4}$ oz.		50c
<i>Cassia Marylandica</i> (<i>Indian Senna</i>). Racemes of showy yellow flowers, 30 in.....			.25
<i>Catananche Coerulea</i> . Blue, with dark eye, fine, everlasting, 30 in.....	$\frac{1}{4}$ oz.		40c
<i>Coerulea Alba</i> . White, dark eye, 30 in.....	$\frac{1}{4}$ oz.		40c
<i>Centaurea Dealbata</i> . Rose-colored flowers, 18 in.....	$\frac{1}{4}$ oz.		40c
<i>Macrocephala</i> . Golden yellow, 36 in.....	$\frac{1}{4}$ oz.		30c
<i>Montana</i> . Corn-flower blue. Large flowers, 24 in.....	lb.		\$5.00
Alba. White, superb large flowers, 24 in.....			.15
<i>Pulcherrima</i> . Rosy lavender. 15 in.....	$\frac{1}{4}$ oz.		\$1.20
<i>Rigidifolia Rosea</i> . 20 in.....			.25
<i>Ruthenica</i> . Light yellow, 4 ft.....	$\frac{1}{4}$ oz.		50c
Perennial sorts mixed.....			.25

Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon Strain

	Trade	pkt.	Oz.
Cephalaria Alpina. Sulphur-yellow, 5 ft.	¼ oz., 25c	\$0.15	\$0.80
Cerastium × Tomentosum (Snow in Summer). Silvery white foliage, white flowers, 16 in.	¼ oz., 40c	.25	1.20
Cheiranthus Allioni. Brilliant yellow, 16 in., lb., \$3.00		.15	.40
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	¼ oz., 60c	.25	2.00
Linifolius, Lilac, 18 in.	¼ oz., 30c	.15	1.00
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. . . . .		.15	.80
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower. . . 3 to 4 ft. . . . .		.15	.80
Torreyi. Brick-red, 4 ft. . . . .		.15	.80
Hybrida. Mixed. . . . .		.15	.80
Nana. Mixed.	¼ oz., 40c	.25	1.40
Chrysanthemum Leucanthemum Maximum Avalanche. Forms compact bushes 2 ft. high, above dark green foliage appear a profusion of large white Marguerites, practically covering the plant. . . ¼ oz., 40c		.25	1.40
Leucanthemum (Spring Marguerite). Early floriferous, 36 in., "Mother's Day."	lb., \$6.00	.15	.60
Maximum Perfection (Ox-Eye Daisy) 36 in., lb., 4.00		.10	.40
King Edward VII. Large, white, 36 in., lb., 5.00		.15	.50
Laciniatum, Comet Marguerite. White, 36 in. . . . .		.25	1.20
Mrs. C. Lothian Bell. Single white, 3 ft., ¼ oz., 40c		.25	1.20
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. . . . .		.15	.80
Conqueror (Victor). Giant flowered white ¼ oz., 25c		.15	.80
Marwii. Rich pink flowers two inches across, silvery foliage, 1 ft.	¼ oz., \$1.00	.50	...
Clematis Paniculata. White.	lb., \$3.20	.10	.40
Recta. Splendid cut-flowers, white, 4 ft. . . lb., 5.00		.25	.50
Recta Grandiflora. Flowers much larger than those of the type and pure white.	lb., \$14.00	.25	1.00
Columbine. See Aquilegia.			
Coreopsis Lanceolata Grandiflora. Golden-yellow, 3 ft.	lb., \$3.00	.10	.30
Lanceolata Grandiflora Fl. Pl. (Semi-Double-Flowering Coreopsis), 3 ft.	lb., \$5.20	.15	.50
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft.	¼ oz. 40c	.25	1.20
Mayfield Giant. Taller and more vigorous than the type, with longer and firmer stems and larger individual blooms of which the ray petals are broader and form a more perfect corolla. ¼ oz., 40c		.25	1.20
Grandiflora Perry's Variety. Flowers are larger than those of the type and are semi-double, the ray florets, rich golden-yellow in color being in two layers. . . . .		.50	...

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

	Trade	pkt.	Oz.
COREOPSIS—Continued			
Verticillata. Heads of rich golden-yellow flowers, the ray florets numbering eight to ten, ¼ of an inch long and ½ in. wide. Leaves have a delightful feathery appearance, 18 in.		\$0.50	....
Corydalis × Cheilanthifolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. ¼ oz., \$1.60		.50	....
Lutea. × Gray-green foliage, golden-yellow flowers, constantly in bloom all summer, 1 ft. ¼ oz., \$1.20		.50	....
Crucianella × Stylosa. Light red, 18 in. . . . .		.15	\$0.80
Cyclamen × Europaeum. The well known red flowering Alpine violet. August-Sept. 4 in. . . (100 seeds)		.50	....
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.			
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	¼ oz., 30c	.25	1.00
Diener's Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms for over a period of several months. . . . .		.50	....
Westralia. Very large and early. White. 40 in.			
White Lady.	¼ oz., 35c	.25	1.20
	½ oz., 80c	.25	2.80

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.	¼ oz., 85c; lb., \$38.00	.50	3.00
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., \$60.00; ¼ oz., \$1.50	.75	5.00
Wrexham Strain. Art shades.	¼ oz., 1.65	.75	6.00
Deep Blue Shades.	¼ oz., 1.65	.75	6.00
Light Blue Shades.	¼ oz., 1.65	.75	6.00
Mid Blue Shades.	¼ oz., 1.65	.75	6.00

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: See next page.

Seeds of Biennials and Hardy Perennials

DELPHINIUM—Continued		Trade pkt. Oz.	
XXX Light Blue Shades	¼ oz., 85c	\$0.50	\$ 3.00
XXX Dark Blue Shades	¼ oz., 85c	.50	3.00
XXX Mid-Blue Shades	¼ oz., 85c	.50	3.00
XXX Pastel Shades	¼ oz., 85c	.50	3.00
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation	¼ oz., \$2.25	1.00	8.00
Belladonna Hybrids. 4 to 5 ft.	¼ oz., 45c	.25	1.40
Belladonna. Light Blue, 4 to 5 ft.	lb., \$18.00; ¼ oz., 50c	.25	1.60
Light Blue Improved, 4 to 5 ft.	lb., \$24.00	.35	1.80
Bellamosum. Dark blue, 4 to 5 ft.	lb., 22.00	.35	1.80
Cardinale. Scarlet, 30 in.	¼ oz., 65c	.35	2.20
Chinense Album Grandiflorum. White, 36 in.	lb., \$7.00	.20	.80
Azureum Grandiflorum. Blue, 36 in. . . . .	.25	1.00	
Cambridge Blue	¼ oz., 65c	.35	2.40
Mixed	lb., \$6.00	.15	.60
Azure Fairy. Soft azure-blue, 20 in. . . . .	.25	1.00	
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.	lb., \$7.00	.15	.70
Elatum Hybridum Indigo True Blue (better than D. Formosum). 5 ft.	¼ oz., \$1.20	.50	4.00
Double Hybrids. Fine mixed	¼ oz., 50c	.35	1.60
Hood Acres. White. A fine American variety.	⅛ oz., \$2.00	.50	....
Lamartine. Dark blue; single, 30 in.	⅛ oz., 1.00	.50	6.00
Mrs. H. J. Jones. Single Cambridge blue, extra long spikes	⅛ oz., \$1.00	.50	....
Iceberg. Strong healthy grower. In the second year when the plants are fully grown the big white spikes are particularly beautiful. 4 ft.	¼ oz., \$4.25	.50	16.00
Rev. E. Lascelles. Deep violet-blue, large clear white eye	⅛ oz., \$1.20	.50	8.00
Summer Cloud. White, fine	⅛ oz., 2.25	.50	16.00
Formosum. Dark blue, 5 ft.	¼ oz., 65c	.35	2.20
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in.	¼ oz., 70c	.50	2.40
Chamois	¼ oz., 85c	.50	3.00
Lemon Gem. 18 in.	¼ oz., 90c	.50	3.20
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.	¼ oz., \$1.30	.50	5.00
Clark's Hybrids. From an Eastern specialist's collection; a wonderful range of color	¼ oz., \$1.25	.50	4.80
Gold Medal Hybrids. An extra choice strain.	lb., 12.00	.25	1.00
Vaughan's Special Mixture. Perennial varieties. . . . .	.50	4.00	

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in. . . . .	.25	1.40	
Roseus. Pink . . . . .	.15	1.00	
Nigrescens. Almost black . . . . .	.15	1.00	
White . . . . .	.15	.80	
Double Mammoth Flowered. Mixed.	lb., \$14.00	.25	1.20
Double Mixed	lb., 6.00	.15	.60
Single Albus. White . . . . .	.15	.50	
Blood-red (Atrosanguineus) . . . . .	.15	.50	
Coppery Red . . . . .	.15	.80	
Diadematus. Crimson with white eye . . . . .	.15	.60	
Johnson's Giant. Mixture of large-eyed, dark. . . . .	.15	.80	
Nigrescens. Very dark, almost black . . . . .	.15	.50	
Pink Beauty (Newport Pink). Salmon-rose	lb., \$8.00	.15	.80
Purple Beauty. Bright deep purple . . . . .	.35	....
Roseus. Delicate pink . . . . .	.15	.50	
Scarlet Beauty. Scarlet	lb., \$8.00	.15	.80
Turkey-Red . . . . .	.15	.80	
Single Dwarf Mixed varies . . . . .	.15	.60	
Mammoth Flowered. Single mixed	lb., \$ 6.00	.15	.60
Single Mixed	lb., 3.00	.10	.30
Vaughan's Special Mixture	lb., 10.00	.20	1.00
Barbatus X Chinensis (Annual Sweet William). Mixed	lb., \$5.00	.15	.60

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Gentiana Acaulis, Helleborus Niger, Incarvillea, Iris, Peony, Phlox Decussata, Primulas, Trollius.



SWEET WILLIAM (*Dianthus Barbatus*)

DIANTHUS PLUMARIUS—CLOVE PINKS

Trade pkt. Oz.			
Plumarius. X Single mixed, 6 in.	lb., \$3.00	\$0.10	\$0 30
Double. Fine mixed	¼ oz., 40c	.20	1.20
Dwarf Rose	⅙ oz., \$2.00	.50	....
Dwarf White	⅙ oz., 1.60	.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant	¼ oz., 90c	.50	3.20
Scoticus fl. pl. Double-Scotch. Mixed. A choice strain	¼ oz., \$1.20	.50	....
Cyclops. Best single . . . . .	.15	.60	
Cyclops. Red Hybrids	¼ oz., 30c	.20	1.00
Cyclops. Double Mixed	⅙ oz., 75c	.35	....
Semperflorens. Single Mixed . . . . .	.15	.50	
Double and Semi-Double Mixed	¼ oz., 25c	.15	.80
Diadematus. Rose sprinkled white . . . . .	.15	.60	
Albus Plenus. Double white	¼ oz., 60c	.25	2.20
Highland Queen. Lustrous scarlet vermilion color . . . . .	.75	....
Highland Queen Rose Hybrids . . . . .	.75	....
Nanus fl. pl. Double Early-Flowering. Dwarf Mixed . . . . .	.25	1.40	
Mrs. Sinkins. Double white . . . . .	.15	.60	
Peacock. Fringed . . . . .	.15	.60	
Vaughan's Special Mixture	¼ oz., 60c	.35	2.00

DIANTHUS—SORTS

Allwoodii X	100 seeds, \$1.20; 1,000 seeds, \$10.00	....	....
Alpinus X Blooms first year from seed. 4 to 6 in.	100 seeds, 50c; 1,000 seeds, \$4.00	....	....
Arenarius. Sand Pink. Small white fringed flowers. 1 ft.	¼ oz., 75c	.35	....
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 3 in.	¼ oz., 40c	.25	1.20
Deltoides Brilliant (Maiden Pink). X Rose, 8 in.	¼ oz., 55c	.35	1.80
Major Stern's Variety. Bright crimson, dark foliage.	⅙ oz., 80c	.35	....
Dentosus Hybridus (Amoor Pink) . . . . .	.20	1.00	
Graniticus. X Carmine. 8 in.	¼ oz., 40c	.25	1.40
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high. . . . .	.20	1.00	
Neglectus X (Glacier Pink). Fiery red, 6 in.	1000 seeds, \$2.80; 100 seeds, 35c	....	....
Sweet Wivelsfield. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft.	¼ oz., 25c	.15	.80
Best rock work species mixed X	¼ oz., 60c	.35	2.00
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit	⅙ oz., \$2.00	.75	....

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



EUPHORBIA Myrsinites

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
Dicentra Eximia. (Plumy Bleeding Heart) Dwarf.			
12 in.	¼ oz.,	50c	\$0.35 \$1.80
Dictamnus Fraxinella (Gas Plant). Pink, 30 in.			
Fraxinella Albus. White, 30 in.	¼ oz.,	40c	.25 1.20
Dielytra Spectabilis. (Bleeding Heart.) 32 in. ....			.50 5.00
DIGITALIS (Foxglove)			
Canariensis. Canary-yellow. 3 ft.	¼ oz.,	70c	.35 2.40
Hybrida Lutzi. New, salmon hybrids. 4 ft.	¼ oz.,	40c	.25 1.20
Gloxiniaflora. Spotted flowers, mixed, 4 ft.	lb.,	\$4.20	.15 .40
Alba. White.	lb.,	4.80	.15 .50
Purple.	lb.,	4.80	.15 .50
Rose.	lb.,	4.80	.15 .50
Isabellina. New, light chamois.	¼ oz.,	45c	.25 1.40
The Shirley Hybrids. 6 to 7 ft.	lb.,	5.00	.15 .50
Grandiflora. Chrome-yellow (Ambigua), 36 in.	lb.,	\$8.00	.15 80
Maculata Iveryana. Spotted varieties, 4 ft. ....			.15 .60
Purpurea. 4 ft. ....			.10 .40
Monstrosa. Mixed, 3 ft.	lb.,	\$6.20	.15 .60
Mixed.	lb.,	4.00	.10 .40
Vaughan's Special Mixture.	lb.,	8.00	.15 .80
Dodecatheon Meadia. Shooting Star. 1 ft. ⅛ oz.,		60c	.35 4.00
Doronicum Caucasicum. Yellow, early. 2 ft.			1.00
Plantagineum Excelsum. Large golden-yellow, daisy-like flowers. 3 ft.			100 seeds, \$3.20; 1000 seeds \$30.00
Echinacea Augustifolia. A native wild flower.	¼ oz.,	40c	.25 1.40
Purpurea Hybrida (Cone Flower). Mixed. ¼ oz.,		40c	.25 1.60
Purpurea. Purple Cone Flower, 40 in.	lb.,	\$15.00	.25 1.20
Echinops (Globe Thistle) Ritro. Violet, 5 ft.	lb.,	3.00	.10 .30
Sphaerocephalus. Light blue, fine for winter bouquets, 6 ft. ....			.10 .30
Edelweiss. X Large-flowered, 6 in.	⅙ oz.,	\$1.00	.50
Sibiricum. Large fine blooms. 9 in.	⅙ oz.,	1.30	.50
Eremurus Robustus, 7 ft.			100 seeds, 50c; 1000 seeds, \$3.20
Himalaicus. 100 seeds, 50c; 1000 seeds, 3.20			
Mixed.	¼ oz.,	70c	.35 2.40
Erigeron Speciosus Hyb. Grandiflorus. Rosy-lilac, 30 in.	¼ oz.,	50c	.25 1.65
Speciosus Hybridus Semi-plenus, semi-double lavender varies 1 ⅓ ft.	¼ oz.,	80c	.50 2.80
Grandiflorus Elatior. Rosy, 24 in.	¼ oz.,	55c	.25 2.00
Erinus X Alpinus. Purple, for borders, 6 in. ½ oz.,		\$1.40	.50
Eryngium Amethystinum. Amethyst-blue, 3 ft.	¼ oz.,	60c	.35 2.00
Alpinum. The prettiest of this thistle-like group; stems and flower-heads of a splendid steel-blue color. June-July. 32 in.	¼ oz.,	70c	.35 2.40
Planum. Dark blue, 4 ft. ....			.15 .50
Erysimum Pulchellum. Sulphur yellow, 12 in. ....			.25 1.60
Eupatorium Coelestinum. Sky-blue, 24 in. ....			.50 1.60
Fraseri. White, 2 ft. ....			.20 1.00
Purpureum. Wine-red, floriferous, 4 ft. ....			.15 .80

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

	Trade	pkt.	Oz.
Euphorbia Corollata. Pure white flowers, 2 ft.	¼ oz.,	80c	\$0.35 \$3.00
Myrsinites. Grey trailer heads of yellow flowers. 3 in.	¼ oz.,	\$1.20	.50 4.00
Polychroma. The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in.	⅜ oz.,	\$1.20	.50 8.00
Fragaria Indica. Scarlet fruited strawberry, for hanging baskets. 2 ½ ft. ....			.25 1.20
Francoa Ramosa Hybrida Bridal Wreath. Pure white elegant flowers. 2 ½ ft. ....			.75

FORGET-ME-NOT X (Myosotis)

Alpestris. Blue, 12 in.	lb.,	\$5.50	.15 .50
"Blue Basket." This is the darkest of all Forget-Me-Nots. Plants grow upright and are splendid for borders or cutting.	¼ oz.,	65c	.35 2.20
Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye.	¼ oz.,	60c	.35 2.00
Indigo Blue (Royal Blue),	12 in. ¼ oz.,	25c	.15 .80
Blue Compacta.	¼ oz.,	40c	.25 1.40
Messidor. Deep blue, late-blooming, 12 in. ¼ oz.,		40c	.25 1.40
Rosea. 12 in. ....			.15 .60
White. 12 in. ....			.15 .60
Mixed, many kinds. ....			.15 .50
Victoria. Dwarf globular strain. 8 in:			
Sky Blue. Excellent variety.	¼ oz.,	40c	.25 1.20
Indigo Blue. Fine dark blue.	¼ oz.,	60c	.35 2.00
White.	¼ oz.,	40c	.25 1.40
Rosea. Pink.	¼ oz.,	70c	.35 2.40
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft.	¼ oz.,	50c	.25 1.80
Pink Bouquet. A companion to the above, only the flowers are a charming pink. 1 ft.	¼ oz.,	50c	.25 1.80
Indigo Blue Bouquet. Same type as above with rich dark blue flowers. 1 ft.	¼ oz.,	50c	.25 1.80
Dissitiflora. Rich blue, early and compact, 1 ft. ¼ oz.,		90c	.35 3.20
Annemarie. Of compact growth, deep green foliage. The flowers are of deepest blue and freely produced.			150 seeds, \$1.00
Palustris. The true Swamp Forget-Me-Not. ¼ oz.,		40c	.25 1.40
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.	¼ oz.,	40c	.25 1.40
Oblongata Perfecta. Vaughan's Early and Late Flowering. Skyblue flowers with a white center, 1 ft.	¼ oz.,	30c	.15 1.00
Blue Bird. A beautiful winter-flowering Forget-Me-Not, 1 ft.	¼ oz.,	90c	.35 3.20
Hybrida Isolde Krotz. Bright blue; good for pots, 10 in.			1.00
Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in.	½ oz.,	\$1.00	.50
Marga Sacher. Deep sky-blue. Flowers measure 2-5 to 3-5 inches across, 10 in.	½ oz.,	\$1.50	.50
Star of Love Dwarf blue.	! 16 oz.,	1.00	.50

GAILLARDIA Grandiflora

Burgundy. Shining wine-red flowers about 2 ½ in. in diameter, on long stiff stems, from June until Fall. Comes 60% to 70% true from seed. 30 in. ¼ oz.,		\$1.20	.50 4.00
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.	¼ oz.,	45c	.25 1.40
Portola Hybrids. The flowers are very large. The petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 ½ to 3 ft.	¼ oz.,	45c	.25 1.40
Standholder. Large flowers, yellow bordered, and with lighter or darker red wings around the center. The petals are broad, but occasionally tubular with an inclination to doubleness. Blooms early. 3 ft. ....			.25 1.40
Sibylla. Flowers large, vivid carmine, tipped white, with dark crimson center. ....			.20 1.00
Semi-plena. Semi-double varieties mixed, 3 ft ¼ oz.,		50c	.25 1.40
Tangerine. Large orange-colored flower.	¼ oz.,	50c	.25 1.80
Torchlight. Golden yellow, rich maroon center. 2 ft. ....			.50
Compacta. Mixture of dwarf varieties, 16 in. ....			.15 .80
Large-flowering sorts, mixed.	lb.,	\$4.00	.10 .40
New Hybrids, mixed.	lb.,	6.00	.15 .60

Seeds of Biennials and Hardy Perennials



HEUCHERA Sanguinea



HOLLYHOCK Chater's Double



LATHYRUS Latifolius (Perennial Pea)

Geum Coccineum Atrosanguineum Pl. X Semi-double, Trade pkt. Oz. orange-red, 2 ft. ¼ oz., 40c \$0.25 \$1.20	
Coccineum Fl. Pl. Mrs. Bradshaw. X Glowing red, 2 ft. ¼ oz., 45c .25 1.40	
Borisii. X Neat tufts of evergreen foliage, large flowers brilliant scarlet in bloom from June till late autumn, 16 in. ¼ oz., \$1.20 .50 4.00	
Lady Stratheden X (Golden Ball). The blooms are a rich golden-yellow. 2 ft. ¼ oz., 60c .35 2.00	
Sibiricum. Reddish-orange, 6 in. .... .50	
Mixed ¼ oz., 60c .35 2.00	
Gilea Coronopifolia (Ipomopsis Elcgans Mixe d). 3 ½ ft. (Standing Cypress.) Very leafy, the divisions being needle-like about one inch long. The flowers are 1 ½ inches long, trumpet-shape borne along the side of the summit of the stem. The colors include vermil- ion, salmon, apricot, rich pinks and pure yellow. A biennial. .... .15 .80	
Globularia Trichosantha (Globe Daisy). Dwarf grow- ing with round or globular shaped flowers of pale blue. 12 in. ½ oz., \$1.20 .50 8.00	
Golden Rod (Solidago Canadensis) 5 ft. ¼ oz., 60c .35 2.00	

Grasses, Ornamental

Arundo Donax. 8 to 10 ft. .... .15 .60	
Erianthus Ravennae. Plume Grass. 6 to 8 ft. .... .10 .40	
Eulalia Japonica. 6 ft. .... .10 .50	
Eulalia Japonica Zebrina. 5 ft. .... .15 .80	
Festuca Glauca. True blue grass with dense glaucous tufts. .... .25 1.60	
Gymnothrix Latifolia. 3 to 4 ft. .... .10 .40	
Gynerium Argenteum. .... .10 .40	
Stipa Pennata. Feather Grass. 2 ft. .... .35 2.40	
Uniola Latifolia. Spike Grass. 3 ft. .... .15 .60	

Gunnera Manicata. Ornamental foliage plant. 5 ft.. .75	
Gypsophila Acutifolia. Lilac pink, 4 ft. .... .15 .80	
Paniculata. White, 40 in. lb., \$4.00 .15 .40	
Fl.Pl. (30 to 40% true), 40 in. lb., \$38.00, ¼ oz., 85c .50 3.00	
Snow-white Double, 2 ft. ¼ oz., \$1.20 .50 4.00	
Manginii. Rosy-white, 2 ft. .... .15 .60	
Pacifica. Tiny pink blossoms on branching panicles. 4 ft. ¼ oz., \$1.20 .50 4.00	
Repens X Dwarf, for rockwork. White, 6 in. .... .25 1.20	
Rosea. Pink. ¼ oz., 70c .25 2.40	
Helenium Autumnale. Yellow. ¼ oz., 90c .35 3.20	
Autumnale Hybr. Nanum Praecox. Early-bloom- ing hybrids in bronze and crimson shades. July- Sept. 3 ft. ½ oz., \$1.20 .50	

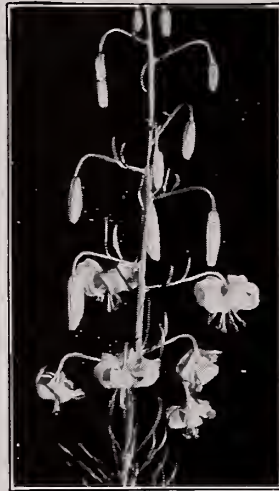
HELENIUM —Continued		Trade pkt.	Oz.
Bigelowi. Yellow, for cutting, 20 in. ¼ oz., 1.00 \$0.50 \$3.60		.15	.60
Hoopesi. Yellow, 30 in. .... . . . . .15 .60		.35	2.00
Riverton Beauty. Lemon-yellow, 4 ft. ¼ oz., 60c .35 2.00		.50	4.00
Riverton Gem. Crimson and old gold. 3 ½ ft. ¼ oz., \$1.20 .50 4.00		.20	.80
Helianthemum X Mutabile (Rock Rose). Low-grow- ing evergreen plants forming large clumps, com- pletely covered with bloom during July and August. Mixed colors. 8 to 12 in. .... .20 .80		.35	3.40
Helianthus (Sunflower) Maximilianus. Early-flower- ing, yellow. 3 ft. ¼ oz., 90c .35 3.40		.25	1.00
Angustifolius. Autumn Glory. Yellow, free-bloom- ing. Good cut-flower, 3 ft. .... .25 1.00		.35	. . . .
Harvest Moon (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. Sept. 4 ft. ½ oz., \$1.00 .35 . . . .		.50	. . . .
Rigidus Daniel Dewar. Semi-double, golden-yellow flowers. July-August. 4 ft. ½ oz., \$1.00 .50 . . . .		.35	. . . .
Perennial Varieties. Mixed. ¼ oz., 75c .35 . . . .		.15	.60
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft. .... .15 .60		.15	.50
Laevis Soleil d'Or. Golden yellow, 5 ft. .... .15 .50		.15	.60
Scabra Zinniaeflora. Yellow, semi-double, 3 ft. .... .15 .60		.15	.60
Helleborus Niger. Christmas Rose. Seed germinates very slowly. 15 in. .... .15 .60		.10	.25
Hesperis Matronalis (Sweet Rocket), red, 40 in. lb., \$2.60 .10 .25		.10	.25
Matronalis Alba. White, 40 in. lb., 2.60 .10 .25		.10	.25
Mixed. lb., 2.60 .10 .25		.50	4.00
Heuchera X Sanguinea. Crimson, 30 in. ¼ oz., 1.20 .50 4.00		.50	5.00
Sanguinea Splendens. Bright vermilion. ¼ oz., 1.40 .50 5.00		.50	. . . .
Hybrida Grandiflora. Mixed, 30 in. ½ oz., 1.00 .50 . . . .		.50	. . . .
Maxima. Crimson, 30 in. ½ oz., 1.00 .50 . . . .		.50	4.60
Brizoides. Bright rose, 30 in. ¼ oz., 1.25 .50 4.60		.15	.50
Hibiscus Giant Yellow Sunset or Golden Bowl, 2 ft. . .15 .50		.15	.60
Crimson Eye. White with red eye, 4 ft. . lb., \$6.00 .15 .60		.15	.60
Moscheutos Roseus. 4 ft. .... .15 .60		.10	.40
Mallow Marvels. Mixed, 4 ft. lb., 4.00 .10 .40		.15	.60
Red, 4 ft. lb., 6.40 .15 .60		.15	.60
Rose ..... .15 .60		.25	. . . .
Hieracium X Villosum. Yellow, silvery leaves, 12 in. ¼ oz., 50c .25 . . . .		.25	. . . .
Hollyhocks. Double.		.25	1.20
Appleblossom ¼ oz., 40c .25 1.20		.25	1.20
Blood Red ¼ oz., 40c .25 1.20		.25	1.20
Crimson lb., 14.00 ¼ oz., 40c .25 1.20		.25	1.20
Lilac Beauty ¼ oz., 40c .25 1.20		.25	1.20
Maroon lb., 14.00 ¼ oz., 40c .25 1.20		.25	1.20
Deep Rose lb., 14.00 ¼ oz., 40c .25 1.20		.25	1.20
Pink lb., 14.00 ¼ oz., 40c .25 1.20		.25	1.20
Newport Pink lb., 14.00 ¼ oz., 40c .25 1.20		.35	2.20
PallingBelle. Kew Garden Pink. Silvery pink. ¼ oz., 60c .35 2.20			

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

Seeds of Biennials and Hardy Perennials



LILIAM Philippinense Formosanum



LILIAM Tenuifolium

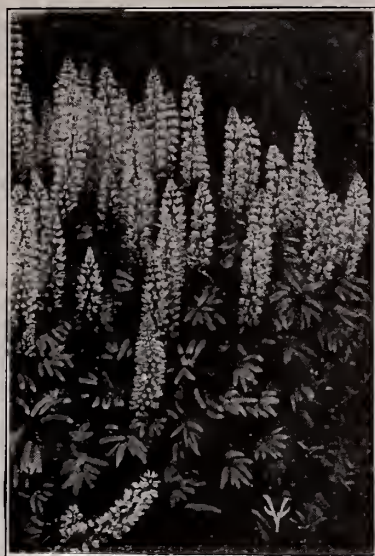


LOBELIA Cardinalis

		Trade pkt. Oz.	
HOLLYHOCKS. Double—Continued			
Salmon Rose.....lb., \$14.00	¼ oz., 40c	\$0.25	\$1.20
White.....lb., 14.00	¼ oz., 40c	.25	1.20
Yellow.....lb., 14.00	¼ oz., 40c	.25	1.20
Chater's Prize. Double Mixed.....lb., \$10.00		.25	1.00
Imperator, Improved. New formation, collar of frilled and fringed edges.....	¼ oz., 50c	.25	1.60
Queen of Sheba. Primrose with rose.....	¼ oz., 50c	.25	1.40
Triumph. Double waved and fringed flowers in delicate art shades.....	¼ oz., 50c	.35	1.80
Single Black, Pink, Red, Rose, Salmon, White and Yellow, each.....	¼ oz., 35c	.20	1.20
Single mixed.....lb., \$4.00		.15	.40
Exquisite. Mixed colors, curled edges.....	¼ oz., 50c	.25	1.40
Allegheny. Mammoth-flowering, mixed, lb., \$4.20		.15	.40
Alameda Pink. Wonderful new single pink.....		.25	1.20
Everblooming Single Hybrids.....lb., \$4.00		.15	.50
Double and Single Hybrids, mixed.....lb., 5.00		.15	.50
Hollyhock Vert Dwarf Double. This is a dwarf strain than the well known Chater's, the flowers are more fully double and placed very compactly on the stems.			
James Vert. Blood red.....	¼ oz., 60c	.35	2.00
Lady Bailey. Blush pink.....	¼ oz., 60c	.35	2.00
Queen of the Yellows.....	¼ oz., 60c	.35	2.00
Horminum × Pyrenaicum. "Dragon's Mouth." Large rosettes of dull green foliage from which rise sprays of violet-blue flowers. 1 ft.....			
		.50	....
Humulus Lupulus (Common Hop).....	¼ oz., 50c	.25	1.60
Hyacinthus Candicans. White yucca-like flowers, 4 ft.....lb., \$5.00			
		.15	.50
Incarvillea Delavayi. Rosy-carmine, 24 in. ¼ oz., 1.20			
		.50	8.00
Grandiflora. Amaranth red, 2 ft.....	⅛ oz., 1.20	.50	8.00
Brevipes. Bright deep rose. 2 ft.....	⅛ oz., 1.00	.50	6.40
Hybrida Bee's Pink. Large light rose flowers. 18 in.		100 seeds \$1.80; 1000 seeds \$16.00	....
Inula × Ensifolia. Dwarf, golden, 12 in. ¼ oz., 90c			
		.35	....
Glandulosa Grandiflora. Orange. 2 ft.....	⅛ oz., \$1.00	.50	....
Royleana. Large golden yellow ray florets. 2 ft.		¼ oz., 60c	.25 2.00
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in.....lb., \$8.00			
		.15	.60
Siberian. Resembles the Spanish and English Irises.....lb., \$2.00		.10	.20
Isatis Glauca. Foliage silvery gray-green, flowers bright yellow freely produced. 2 ft.....			
		.15	.60
Kenilworth Ivy × Linaria Cymbalaria. Pink. ¼ oz., 40c			
		.25	1.40
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wistaria-like flowers.....lb., \$3.00			
		.10	.30
Lathyrus Latifolius. (Everlasting Pea), mixed.....			
		.15	.30
Latifolius Pink Beauty, very fine, 6 ft.....lb., 5 00		.15	.50
Red. Magenta, 7 ft.....lb., 4 00		.15	.40
White Pearl, 5 ft.....lb., 4 80		.15	.40
Lavandula Vera. True Sweet Lavender.....			
		.15	.60
Spicta Munstead Strain. Dwarf compact blue. ⅛ oz., 65c		.25	....

		Trade pkt. Oz.	
Liatris (Blazing Star.) Spicata. Purple rose, 20 in.			
		¼ oz. 40c	\$0.25 \$1.40
Pycnostachya. Purple. Aug. to Oct., 4 ft.....lb., \$14.00		.20	1.00
Scariosa. Rose-purple, 4 ft.....	¼ oz., 40c	.25	1.40
Lilium Auratum. Gold-banded Lily of Japan. 4 to 7 ft. .25			
Henryi. Rich deep orange-yellow. 4 ft.	¼ oz., \$1.45	.50	5.00
Mrs. Backhouse Hybrids. Free flowering. Many unusual shades. 100 seeds, 65c; 1000 seeds, \$5.00			
	
Gloriosum. Colors range from pure white, rich ivory, and cream to deep sulphur. Blooms readily second year from seed. 100 seeds, 65c; 1000 seeds, \$5.00..			
Philippinense Formosanum. Improved Pure White. If seed is sown in spring will bloom in September. Large umbels of fine white, like an Easter Lily. ....lb., \$22.00; ¼ oz., 50c			
		.35	1.80
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft.....lb., \$4.00			
		.15	.40
Tenuifolium (Siberian Coral Lily) 20 in. ....lb., 10.00			
		.25	1.00
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown. 4 ft.....			
		¼ oz., 90c	.50 3.20
Linaria. × Cymbalaria, pink, 3 in.....			
		¼ oz., 40c	.25 1.40
Alpina. × Purple blotched orange, 4 in.....	⅛ oz., \$1.00	.50	....
Canon Want. Pretty pale pink. 2½ ft.....	¼ oz., 70c	.35	2.40
Dalmatica. Yellow with orange lip, 36 in.....		.15	.60
Linum Perenne (Perennial Flax), Blue. 30 in.....			
		.10	.40
Perenne Fl. Album. White. 30 in.....			
		.10	.40
Mixed.....			
		.10	.40
Alpinum × Pale blue. Prostrate habit.....			
		
Flavum. Yellow. 1 ft.....			
		¼ oz., 70c	.35 2.40
Compactum Nanum × Glowing golden yellow, dark green foliage. Everbloomer, 6 in.....			
		⅛ oz., \$1.00	.50
Narbonense. Steel-blue, large-flowering, 30 in.....			
		¼ oz., 50c	.25 1.80
Lobelia Cardinalis (Cardinal Flower). 36 in. ¼ oz., \$1.20			
		.50	4.00
Syphilitica. Blue, 24 in.....	¼ oz., 70c	.25	2.40
Lunaria Biennis Alba (Honesty or Peter's Pence)			
		40 in.....lb., \$6 00	.15 .60
Biennis. Crimson, 4 ft.....lb., 8 00		.15	.80
Mixed.....	lb., 5 00	.15	.60
Lupinus Polyphyllus.			
Albus. Large, pure white spikes. 2 to 3 ft.....lb., 3 20		.10	.30
Arms of Enkhuizen. Creamy white.....	¼ oz., 40c	.25	1.20
Atriviolaceus. Large dark blue, new.....	¼ oz., 60c	.35	1.80
Blue. Stately spikes of blue, 3 ft.....lb., 2 60		.10	.25
Chocolate Soldier. Yellow, passing to chocolate.....			
		¼ oz., 85c	.35 3.00
C. M. Prichard. Pale salmon-orange with yellow.....			
		¼ oz., 85c	.35 3.00
Luteus. A strain of varying yellow shades, of the true polyphyllus type.....			
		¼ oz., 50c	.25 1.60
Salmoncus. Tender salmon shades.....	¼ oz., 65c	.35	2.40
Sunshine. Golden yellow. 30 in.....lb., \$6.00		.15	.60
The Bride. Lightest pink, nearly white.....	¼ oz., 50c	.25	1.40
Mochheimi. Beautiful soft pink, 2 to 3 ft.....lb., 8 00		.15	.80

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LUPINUS Polyphyllus



LYCHNIS Chalcedonica



POPPY Nudicaule or Iceland

Seeds of Biennials and Hardy Perennials

LUPINUS Polyphyllus—Continued		Trade pkt.	Oz.
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate.....	lb., \$6.00	\$0.15	\$0.60
Downer's Hybrids. Perpetual flowering new hybrids.....	lb., \$5.00	.15	.50
Roseus. Light and dark rose flowers, 3 ft.....	lb., 6.00	.15	.50
Lavender Queen. Lavender tinted pink, 3 ft.....	lb., 10.00	.15	.80
Princess Juliana. Lovely pink, 3 ft.....	lb., 8.00	.15	.80
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins; English and other European strains being chosen to give the utmost variety.....	lb., \$12.00; ¼ oz., 35c	.25	1.20
Mixed. Splendid value.....	lb., 2.40	.10	.25
Lychnis Alpina. X Rose, 12 in.....	¼ oz., \$1.00	.50	....
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft.....	¼ oz., 40c	.25	1.20
Chalcedonica Alba. White. 36 inch.....	lb., \$4.20	.15	.80
Salmon Queen. Beautiful salmon shade. 3 ft.....	¼ oz., 40c	.25	1.40
Scarlet, 36 in.....	lb., \$4.20	.15	.40
Haageana Hybrida. Mixed, extra choice, 18 in.....	¼ oz., 45c	.25	1.40
Scarlet, 18 in.....	¼ oz., 50c	.25	1.80
Viscaria Splendens. Early, deep rose, 16 in.....	lb., \$4.20	.15	.80
Lythrum Roseum Superbum. Rose-pink, 40 in.....	lb., \$4.20	.15	.60
Malva Moschata. Rose, 3 ft.....	lb., \$4.20	.15	.60
Matricaria Capensis Alba Plenissima. Best white, 24 in.....	lb., \$5.00	.15	.50
Golden Ball. Yellow. 8 in.....	¼ oz., 50c	.25	1.60
Snowball. Pure White, 8 in.....	¼ oz., 50c	.25	1.80
Meconopsis Baileyii. It is a graceful plant with downy pale green leaves, the brilliant Cambridge-blue pendant flowers, 4 inches across, being carried singly on stems about 2 feet high. Thriving best in a shaded position.....	500 seeds, 25c		
Monarda Didyma Cambridge Scarlet. Brightest glowing scarlet. July-August, 30 in.....	⅓ oz., \$1.00	.35	....
Hybrida. Mixed. 36 in.....	¼ oz., .60	.25	....
Myosotis. See Forget-Me-Not.			
Nepeta Mussini. X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.....	¼ oz., 50c	.25	1.80
Nervosa. Clear light blue flowers.....	⅓ oz., 45c	.35	....
Souvenir d'Andre. Chaudron. Bright blue 24 in.....	lb., \$4.20	.50	....
Oenothera Clutei. From a large rosette of basic leaves it throws up a stout central stalk some 4 ft. in height bearing in great profusion large flowers of a soft yellow hue.....	¼ oz., 25c	.10	.65
Fraseri. Deep yellow. 24 in.....	¼ oz., 65c	.25	....
Trichocalyx. The plant is compact and branching. Large flowers of pure white, with golden anthers. 15 in.....	¼ oz., 90c	.35	....

OENOTHERA—Continued		Trade pkt.	Oz.
Macrocarpa. Yellow, June-Sept. 6 in.....	¼ oz., 70c	\$0.35	\$2.60
Speciosa Rosea. White turning to pink. Fragrant. 2 ft.....	¼ oz., \$1.20	.35	4.00
Youngei. Large yellow bloom. 18 in.....	¼ oz., 90c	.35	3.20
Papaver (Poppy) Alpine. X Mixed, 10 in.....	⅓ oz., 70c	.35	4.80
Bracteatum. Scarlet, 32 in.....	lb., 6.00	.15	.60
Nudicaule X (Iceland). Mixed, 16 in.....	lb., 8.00	.15	.60
Yellow, Orange and White and Sulphureum, each.....	lb., 8.00	.20	.80
El Monte. Deep tangerine orange.....	¼ oz., 70c	.25	2.40
Fakenham Hybrids. The flowers are 2½ to 3 in. in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower.....	¼ oz., 70c	.25	2.40
Gibson's Giant Orange.....	¼ oz., 40c	.25	1.40
Double Mixed.....	¼ oz., 50c	.25	1.60
Sunbeam. Deep yellow.....	¼ oz., 50c	.25	1.60
Orange.....	¼ oz., 50c	.25	1.60
White.....	¼ oz., 50c	.25	1.60
Mixed.....	¼ oz., 50c	.25	1.40
Orientele (Oriental Poppy). Scarlet.....	lb., 6.00	.15	.60
Brilliant. Brilliant fiery-red, 40 in.....	¼ oz., 50c	.25	1.60
Beauty of Livermere. Dark oxblood.....	¼ oz., 80c	.35	2.80
Cameum. Light and dark salmon pink shades. 70% true. 40 in.....	¼ oz., 80c	.35	2.80
Goliath. Brilliant scarlet.....	¼ oz., 60c	.25	2.60
Mahoney. Maroon-crimson. 40 in.....	¼ oz., 90c	.35	3.20
Mrs. Perry. Salmon-rose.....	⅓ oz., 1.20	.50	....
Perry's White.....	⅓ oz., 1.00	.50	....
Princess Victoria Louise. Soft salmon-rose. 40 in.....	¼ oz., 60c	.25	2.00
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower.....	lb., \$12.00	.20	1.00
Hybrids. Many varieties, mixed.....	lb., \$12.00	.20	1.00
The named varieties of Oriental Poppies do not come 100 per cent true from seed.			
Pilosum. Salmon color, 1½ ft.....	¼ oz., 60c	.25	....
Phlox Decussata. Perennial varieties mixed. Seed germinates slowly. 3 ft.....	\$16.00	.25	1.40
Divaricata. A native species, fragrant lavender flowers in April, prefers shade, 10 in.....	lb., \$16.00	.50	....
Pentstemon. Large-flowering hybrids, mixed ¼ oz., 50c	lb., \$16.00	.25	1.80
Blue Gem. X Flowers bright blue. June to August. 1 to 2 ft.....	¼ oz., 60c	.25	2.00
Cobaea. Large lavender-mauve flowers, handsome border plant. 18 in.....	¼ oz., 50c	.25	1.80
Digitalis. White tinted violet, 36 in.....	lb., \$16.00	.15	.80
Glaber. Blue, 36 in.....	lb., \$16.00	.25	1.20
Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft.....	¼ oz., 50c	.25	1.80
Pubescens. Reddish blue, lips white, 18 in.....	¼ oz., 50c	.25	1.80
Physalis Franchetti (Chinese Lantern Plant), lb., 8.00	lb., 8.00	.20	.80

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Seeds of Biennials and Hardy Perennials



PRIMULA AURICULA Giant Flowered Mixed



SALVIA Azurea Grandiflora

	Trade	pkt.	Oz.	
<i>Physostegia Virginica</i> . Rosy-lilac, 4 ft.	¼ oz.,	40c	\$0.25	\$1.40
<i>Virginica Alba</i> . White, 36 in.	¼ oz.,	45c	.25	1.40
<i>Compacta</i> . Dwarf, rose.	¼ oz.,	60c	.25	2.00
<i>Gigantea</i> . Lilac-rose, 4 ft.	¼ oz.,	50c	.25	1.80
<i>Platycodon Grandiflora</i> . Blue, 28 in. . . . .			.20	1.00
<i>Grandiflora Early Flowering Blue</i> . 28 in.	¼ oz.,	50c	.25	1.80
<i>Alba</i> . White, 28 in.	¼ oz.,	40c	.25	1.40
<i>Mixed</i> , 28 in.	¼ oz.,	40c	.25	1.20
<i>Early Flowering White</i> . 28 in.	¼ oz.,	65c	.25	....
<i>Praecox Gigantea</i> . Early flowering giant blue.	¼ oz.,	70c	.35	2.40
<i>Mariesi</i> . Dark blue, dwarf, 16 in.	¼ oz.,	80c	.35	2.80
<i>Alba</i> . White and faint blue, dwarf, 16 in.	¼ oz.,	80c	.35	2.80
<i>Polemonium Coeruleum</i> . Jacob's Ladder. Blue. 30 in. . . . .			.15	.50
<i>Coeruleum Album</i> . White, 30 in. . . . .			.15	.60
<i>Prima Donna</i> . Dwarf, delicate blue, 12 in. . . . .			.15	.80
<i>Reptans</i> × Pale bluish-purple, 6 in.	¼ oz.,	85c	.35	3.00
<i>Richardsoni</i> . Dwarf, blue, early, 20 in. . . . .			.15	.80
<i>Polyanthus</i> . Mixed (Primula Veris), 10 in.	¼ oz.	\$1.00	.35	3.60
<i>Veris</i> , Hardy Primrose, Excelsior strain	½ oz.,	1.80	1.00	....
<i>Potentilla Formosa</i> × Light red, 12 in.	¼ oz.,	50c	.25	1.80
<i>Nepalensis</i> × Miss Willmott. Bright carmine, 12 in. . . . .			.25	1.80
<i>Roxana</i> . Brilliant salmon with darker veins, 18 in. . . . .			.50	....
<i>Rupestris</i> ×. White, 12 in.	¼ oz.,	50c	.25	1.80
<i>Double Mixed</i> , 20 in.	½ oz.,	\$1.20	.50	8.00
<i>Single Mixed</i> , 26 in.	¼ oz.,	25c	.15	.80

PRIMULA

<i>Auricula</i> . × Extra choice mixed. 6 in.	⅓ oz.,	80c	.35	4.80
<i>Large Flowering mixed</i>	⅓ oz.,	\$1.00	.50	
<i>Giant Flowered</i> . Mixed.	⅓ oz.,	2.00	1.00	
<i>Beesiana</i> . × Purple large yellow eye. 16 in.	⅓ oz.,	1.40	.50	....
<i>Bullesiana Hybrida</i> . × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	⅓ oz.,	\$1.40	.50	....
<i>Bulleyana</i> . Flowers yellow, bud terra-cotta	⅓ oz.,	85c	.50	
<i>Cashmiriana</i> . Lilac, early, hardy, 12 in.	⅓ oz.,	\$1.80	.75	
<i>Cortusoides</i> . Rose, 10 in.	⅓ oz.,	1.40	.50	
<i>Denticulata Hybrida Grandiflora</i> ×. 12 in.	⅓ oz.,	1.20	.50	
<i>Floribunda Grandiflora</i> . Yellow, for pots. 1 ft. . . . .			.75	....
<i>Florindae</i> . Fragrant, bright yellow pendant flowers. 3 to 4 ft.	½ oz.,	\$1.00; 1,000 seeds, 50c		
<i>Helodoxa</i> . Tall slender spikes of golden yellow flowers. 2 ft.		1,000 seeds 50c,		
<i>Hybrida Red Hugh</i> × Intense fiery red flowers produced in tiers growing to two feet in height. June. . . . .			.50	
<i>Japonica</i> . All Red ×.	⅓ oz.,	\$1.20,	.50	....

PRIMULA—Continued

	Trade	pkt.	Oz.	
<i>Japonica mixed</i> . × White, purple, black and carmine, spring, 15 in.	¼ oz.,	85c	\$0.50	\$3.00
<i>Japonica</i> . × Special strain. 20 in.	¼ oz.,	\$1.40	.75	
<i>Pulverulenta</i> . × Shining purple-carmine. May-June. As hardy as <i>Polyanthus</i> . 16 in.	⅓ oz.,	\$1.00	.50	....
<i>Bartley Strain</i> . Beautiful shades of rose and pink. 3 ft.	½ oz.,	\$1.20	.50	
<i>Rosea Grandiflora</i> . × Rose-carmine, May-June. 8 in.	1-32 oz.,	\$1.00	.50	
<i>Sieboldii</i> (<i>Cortusoides amoena grandiflora</i>). 10 in.	¼ oz.,	\$3.00; 500 seeds	1.20	
<i>Sikkimensis</i> . Yellow. 15 in.	⅓ oz.,	\$1.20	.50	
<i>Veris</i> (<i>Polyanthus</i>). × Fine mixed. Spring. 12 in.	¼ oz.,	\$1.00	.35	3.60
<i>Grandiflora</i> . × Mixed. 1 ft.	⅓ oz.,	.90	.50	6.00
<i>Excelsior strain of large-flowering varieties</i>	⅓ oz.,	\$1.80	1.00	
<i>Coerulea</i> . × Dark Blue. 1 ft.				
<i>Mrs. Berkeley's Strain</i> . Very fine new race with large flowers.	⅓ oz.,	\$1.20	.75	....
<i>Gigantea Teicher's Giant Mixed</i>				
<i>Gold-laced</i> . Finest varieties mixed.	⅓ oz.,	1.00	.50	....
<i>Lutea</i> . × Yellow, 12 in.	⅓ oz.,	1.00	.35	
<i>White</i> . 12 in.	⅓ oz.,	1.00	.50	
<i>Red shades</i> . 12 in.	⅓ oz.,	1.10	.50	
<i>Munstead Strain</i> . × Flowers of largest size, fine shades including yellow and white, 12 in.	⅓ oz.,	\$1.20	.75	8.00
<i>Vulgaris</i> × (<i>Acaulis</i>). Yellow Primrose, 6 in.	¼ oz.,	90c	.35	3.40

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches carrying immense heads of 15 to 25 florets, each floret 1" to 1½" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves. 100 seeds 50c; 1000 seeds \$4.00

<i>Prunella Grandiflora Rosea</i> . Carmine rose, 10 in. Trade pkt. Oz.			
<i>Dwarf perennial for border</i>	¼ oz.,	75c	\$0.35
<i>Pueraria Thunbergiana</i> (Kudzu Vine)	lb.,	\$3.00	.10 \$0.30

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

Seeds of Biennials and Hardy Perennials

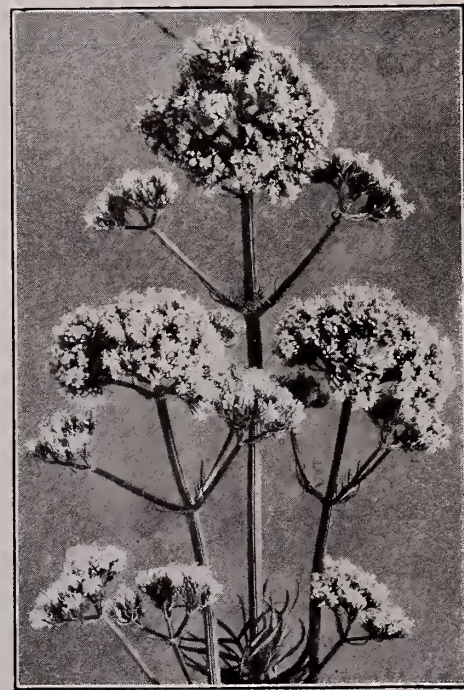
PYRETHRUM

	Trade pkt.	Oz.
Roseum. Pink, 30 in.	1/4 oz., 50c	\$0.35 \$1.80
Album. White, excellent	1/4 oz., 60c	.35 2.00
Atrosanguineum. Dark red shades	1/4 oz., 70c	.35 2.40
Carneum. Flesh	1/4 oz., 45c	.35 1.40
James Kelway. Dark blood red	1/4 oz., 90c	.50 3.00
Hybridum. Single mixed	lb., \$14.00; 1/4 oz., 40c	.25 1.25
Grandiflorum Rubrum. Deep ruby red. 1/8 oz., \$1.50		.75
Grandiflorum. Mixed	1/4 oz., 60c	.35 2.00
Comet-Flowered. Single and semi-double with twisted petals	1/4 oz., \$1.20	.35 4.00
Double Red. A warm shade coming fairly true from seed	1/8 oz., \$2.00	1.00
Double mixed. Extra choice	1/4 oz., \$1.40	.50 4.20
Double and single mixed	1/4 oz., 70c	.35 2.40
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft. ....		.20 1.00
Parmicaeflorum. Silvery white, graceful feathery foliage, 6 in.	1/8 oz., \$1.50	.50
Tchihatchewii. (Turking Daisy). White for poor soils.	1/4 oz., 50c	.25 1.80
Uliginosum. White, 4 ft.	1/4 oz., 90c	.35 3.20
Ranunculus Asiaticus Superb. Mixed	lb., \$6.00	.15 .60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single 12 in.	1/4 oz., \$1.40	.75 5.00
Palafior. A strain selected from the Palestine and Florentine combining the best features of both and producing enormous double flowers of greatest range of colors	1/8 oz., \$1.20	.75 8.00
Rehmannia Angulata. Rose and red shades, 24 in.	1/8 oz., 75c	.50 5.00
Rock Plants Perennial Mixed.	1/4 oz., 40c	.25 1.40
Romneya Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft. 1/4 oz., 80c		.35 3.00
Rosemary .....		.15 .60
Rose Polyantha Nana Multiflora fl. pl. X. The baby rose for rock gardens, blooms early 1/4 oz., 85c		.35 3.00
Rudbeckia Newmanii. Vivid yellow, 24 in.	1/4 oz., 45c	.25 1.40
My Joy. Large orange-yellow flowers	1/4 oz., 75c	.35
Purpurea (Echinacea). 4 ft.	lb., \$15.00	.25 1.20
Fulgida. Yellow, disc dark, very free, 38 in.	1/4 oz., 25c	.15 .90
Hirta (Black-Eyed Susan) yellow, black center, 24 in. ....		.25 1.40
Salvia Argentea (Silver-leaved Sage). 36 in. ....		.15 .60
Azurea Grandiflora. Stately willow-like growth, spikes of pale blue flowers, in fall. 4 ft. 1/4 oz., 40c; lb., \$18.00		.25 1.40



TROLLIUS (Globe Flower)

Anglicum. Foliage blue-green, flowers white with peach-blossom. June-July, 4 in.	1/16 oz., \$1.20	\$0.50
Hybridum. Yellow. 6 in. ....		.50
Middendorffianum. Creeping. Buds orange, flowers dark golden-yellow. July. 6 in. ....		.50
Reflexum. Blue-green foliage, flowers yellow. Creeping. 10 in. ....		.50
Spurium. Pink flowers. 5 in.	1/16 oz., \$1.00	.50
Coccineum. Brilliant deep rose, 5 in.	1/16 oz., \$1.00	.50
Mixed	1/4 oz., \$1.00	.50
Sempervivum X Perennial species. Mixed .....		.75
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	1/4 oz., 70c	.25
Othello. A purple foliaged variety, with dark orange flowers. July-August. 4 ft.	1/4 oz., 60c	.25
Sidalcea Rose Queen. Rose, 4 ft.	1/4 oz., 40c	.25 \$1.40
Rosy Gem. Mallow rose, 18 in.	1/4 oz., 40c	.25 1.40
New Hybrids.	1/4 oz., 60c	.35 2.00



VALERIANA (Garden Heliotrope)

SALVIA—Continued

	Trade pkt.	Oz.
Nemorosa Superba. Deep violet, 2 1/2 ft.	1/4 oz., 45c	\$0.25 \$1.40
Nutans. Blue, 3 ft.	1/4 oz., 50c	.25 1.60
Patens. Sky-blue, 30 in.	1/4 oz., 70c	.35 2.60
Pratensis. Dark blue, 30 in.	1/4 oz., 50c	.25 1.60
Atro-violacea. Dark violet, 20 in.	1/4 oz., 50c	.25 1.60
Sclarea. Blue Beard, Dark blue. 1 ft. ....		.15 .50
Turkestanica. White, bracts white to lilac. 4 1/2 ft. ....		.25 1.40
Verbascifolia Syria. Tall spikes of dark blue flowers, hairy within and without. 5 ft. ....		.20 1.00
Santolina Tomentosa. Yellow, silvery foliage, 2 ft. ....		.50
Saponaria X Ocymoides Splendens. Pink, trailing. ....		.15 .60
Officinalis. Bouncing Bet, whitish, 2 ft. ....		.15 .80
Saxifraga Aizoon. X Creamy white silver braided. 6 in. ....		.50
Cordifolia X A fine rock plant, 24 in.	1/32 oz., \$1.50	.50
Splendens X Vivid rose.	1/64 oz., 1.40	.75
Dcceprens Grandiflora X White, 18 in.	1/8 oz., \$1.00	.35
Hybrida. Bedding Queen. X Deep carmine. 8 inches.	1/16 oz., \$1.40	.50
Hybrida. Purple Robe. X Carmine, with purple reflex, 8 in.	1/32 oz., \$1.00	.50
Hypnoides X. White, trailing, 6 in.	1-16 oz., 1.20	.50
Lingulata Leichtlini. Vivid rose, 28 in.	1-32 oz., 1.80	.75
Megasea Species. Large leathery leaves with short stemmed racemes of flowers. Spring.	1/64 oz., \$1.40	.75
Rhei superba. X Rose, May-July. 12 in.	1-16 oz., \$1.00	.35
Sarmentosa "Mother of Thousands" 100 seeds, 25c		. . . . .
Perennial Species mixed.	1/8 oz., 1.00	.35
Mossy Varieties mixed.	1-16 oz., 1.00	.50
Scabiosa Caucasia. Lavender, 40 in.	1/4 oz., 60c	.35 2.00
Caucasia Alba. Pure white, 40 in. ....		.35 2.40
Mixed .....		.50 2.40
Perfecta. Lavender. 40 in.	1/4 oz., 70c	.50 2.40
House's New Hybrids. Flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white.	lb., \$40.00	.50 3.00
Goldingensis. Large flowers, waved petals, small center, deep lavender	1/4 oz., \$1.20	.50 4.00
Columbaria Delicate Pink. Deep rosy-mauve. 2 ft.	1/4 oz., 60c	.35 2.00
Delicate Lavender, 2 ft.	1/4 oz., 60c	.35 2.00
Japonica. Clear blue flowers, 30 in. ....		.15 .50
Scutellaria X Coelestina. Pretty blue Siberian rock plant.	1/16 oz., \$1.00	.50
Sedum X Acre (Golden Moss). 3 in.	1/8 oz., 85c	.25
Aizoon. Yellow with brown 5 in.	1/8 oz., \$1.00	.50

Trade pkt. Oz.

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



VIOLA CORNUTA HANSA

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Silene Orientalis. Dark rose, 30 in.	\$0.15	\$0.50
Alpestris X Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/4 oz., 70c	.35
Asterias Grandiflora. Carmine, 18 in.	1/4 oz., 50c	.25
Saxifraga. White. 10 in.	1/4 oz., 50c	.25
Schafta. X Rose, July. 8 in.	1/4 oz., 50c	.25
Sisyrinchium X Anceps. Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in.	1/4 oz., 60c	.25
Solidago (Golden Rod) X Virgo-aurea Alpestris. Yellow, spring. 10 in.	1/4 oz., 80c	.35
Spergula Pilifera X A hardy evergreen suitable for grass edging or rockwork, 4 in.	1/8 oz., \$1.60	.50
Stachys Lanata. Silver leaves, purple flowers, 24 in. .	.15	.50
Statice Latifolia. Blue. Fine for winter bouquets. . . 1 ft.	1/4 oz., 30c	.20
Caspia. Large, lilac, 30 in.	1/4 oz., 60c	.35
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.	1/4 oz., 85c	.35
Incana Nana Alba. White, 14 in.	lb., \$6.00	.15
Perezii. Violet blue, 30 in.	1/4 oz., 40c	.25
Tatarica. Incana. White, 18 in.	lb., \$5.00	.15
Stokesia Cyanea. Sky-blue, 16 in.	lb., \$12.00	.15
Cyanea Alba. White. 16 in.	1/4 oz., 40c	.25
Mixed.		1.30
Teucrium (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in.	1/8 oz., \$1.00	.35
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in.	1/4 oz., 50c	.25
Adiantifolium. Flowers yellow, 18 in.	1/4 oz., 30c	.20
Dipterocarpum. Rosy purple, 4 to 5 ft.	1/4 oz., 50c	.35
Glaucum. Bronze-yellow, June, 4 ft. ....		.15 .60
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft.	1/4 oz., 85c	.35
Thymus Serpyllum X (Wild Thyme). Creeping purple flowers, 2 in.	1/8 oz., \$1.00	.50
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant) . . . 40 in. ....		.35 2.00
Hybrida, Perpetual-Flowering. 3 ft.	lb., 14.00	.25
Express. Early-flowering, yellow. 3 ft. ....		.25 1.20
Mirabilis. Yellow, blooms first year. 3 ft.	1/4 oz., 60c	.35
Trollius Ledebouri. Orange. 2 ft.	1/4 oz., \$1.20.	.50
Golden Queen. Large orange flowers in early summer. 3 to 4 ft.	1/8 oz., \$1.40	.50
Europaeus. Yellow. 20 in.	1/4 oz., \$1.20	.50
Mixed.	1/4 oz., \$1.25	.50
Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica X Saxifraga. Lilac-rose, May, 10 in. ....		.15 .60
Valeriana Alba (Garden Heliotrope). 36 in. ....		.15 .60
Rubra (Coccinea). 36 in. ....		.15 .60
Officinalis. Heads of rose-tinted white flowers June-July with strong heliotropic odor. 3 to 4 ft.	1/4 oz., 90c	.35 3.20

	Trade pkt.	Oz.
Verbascum Miss Willmott. Large white flowers, 5 ft.	\$0.15	\$0.80
Harkness Hybrids, 7 ft. ....		.15 .80
Olympicum. Silvery foliage, golden-yellow flowers 6 ft. .	.35	1.80
Phoeniceum Hybrids. Mixed, 2 ft. ....	.15	.60
Veronica Amethystina X Long racemes of bright blue flowers, 1 ft.	1/4 oz., 85c	.35 3.20
Incana. (Tatarica). Ageratum-blue, silvery foliage, 12 in.	1/4 oz., 50c	.35 1.80
Spicata. Various shades, 18 in.	1/4 oz., 45c	.25 1.40
Spicata Dwarf Blue X 1 ft.	1/4 oz., 70c	.35 2.60
Longifolia. Compact clusters of blue flowers, 30 in.	1/4 oz., 35c	.25 1.20
Hendersoni Nana. Dark blue. 12 in.	1/4 oz., 50c	.35 1.80
Teucrium Prostrata. Mixed, 6 in.	1/4 oz., 75c	.35 2.60
Royal Blue. 1 ft.	1/4 oz., 75c	.35 2.60
Repens. X Dwarf branching, pale blue, 2 in.	1/4 oz., 80c	.35 2.80
Rupestris X Dwarf and spreading. Deep blue flowers		.....
Perennial Species. Mixed.	1/4 oz., 50c	.25 1.60
Viola X Arkwright Ruby. Bright ruby crimson, shaded terra cotta with central markings; fragrant. ....		.....
Bosniaca. Free-blooming, rose magenta flowers, summer, 4 in.	1/4 oz., 70c	.35 2.40
Comuta. Admiration. Dark blue. 8 in.	1/4 oz., 50c	.25 1.60
Admirabilis. Mixture of 3 and 5 Blotched. 1/4 oz., 50c		.25 1.80
Apricot. Beautiful rich apricot shades tinged orange towards center.	1/8 oz., 75c	.50 5.00
Black Prince. 8 in.	1/4 oz., 50c	.25 1.60
Blue Butterfly. Mid-blue shading to white. ....		.35
Blue Perfection. Light blue. 8 in.	1/4 oz., 50c	.25 1.80
G. Wermig. Rich violet-blue, 8 in.	1/8 oz., 75c	.50 5.20
G. Wermig Alba. White, 8 in.	1/4 oz., 60c	.35 2.00
Hansa. A clear deep violet blue, long stemmed flower. Plant of compact habit.	1/8 oz., 75c	.50 5.00
Jersey Gem. Dark blue. 8 in. ....		.....
.....	1/4 oz., \$3.70; 1/8 oz., \$2.00	.75 14.00
Lutea Splendens. Golden yellow. 8 in.	1/4 oz., 40c	.25 1.40
Mauve Queen. 8 in.	1/4 oz., 50c	.25 1.60
Papilio. Blue and white, 6 in.	1/4 oz., 50c	.25 1.60
Primrose Dame. Sulphur yellow. 8 in.	1/4 oz., 50c	.25 1.80
Puck. The 2 upper petals are clear purple-violet, the 3 lower golden-yellow. 6 in.	1/4 oz., 65c	.25 2.20
Rosea.	1/8 oz., 50c	.35 3.00
Spring Messenger. Bright rich purple.	1/8 oz., 60c	.35
Thuringia. Dark blue, white eye. 8 in.	1/4 oz., 50c	.25 1.80
White Perfection. White. 8 in.	1/4 oz., 50c	.25 1.60
W.H. Woodgate. Pure bright amethyst violet, large, round flowers on long stems.	1/8 oz., 90c	.50
Vaughan's Improved Scotch. Three and five blotched in splendid mixture.	1/4 oz., \$1.20	.50 4.00
Mixed.	lb., \$16.00	.25 1.40
The Czar fl. alba. White.	1/4 oz., 70c	.35 2.40
Tufted Pansies. Finest mixture of these long and free blooming varieties.	1/4 oz., 60c	.35 2.20
Florariense. Pale lavender.	1/8 oz., \$1.60	1.00
Gracilis, Lord Nelson. Violet-purple, 6 in.	1/8 oz., \$1.20	.50
Dark Violet Blue. Free blooming. Flowers same size and color as the Sweet Violet.	1/4 oz., 75c	.35 2.60
Johnny Jump Up.	1/4 oz., 60c	.35 2.00
Wahlenbergia. See Platycodon.		

DOUBLE ANNUAL WALLFLOWER

"EARLY WONDER"

This remarkable new Wallflower comes into bloom within 5 months from sowing; seedlings will produce beautiful, sweet scented flowers during Winter and early Spring, in the cold frame or a cool house.

Canary-Yellow; (Gold Standard) Golden-Yellow, flaked with brown. Dark Brown. Each. Trade pkt., 50c; 1/8 oz., \$1.00. Mixed, 1/4 oz., 50c; pkt., 25c; oz., \$1.80.

Wallflower. Double Tall Branching, Mixed, 1/4 oz., 60c	.25	2.00
Double Tall Branching, Golden yellow, Dark Brown, Violet.	each	.50
Double Tall Branching Mixed.	1/4 oz., 60c	.25
Double Tall Tree. Golden yellow, Dark Brown, Violet.	each	.50
Goliath. Early flowering single dark brown. 2 ft. ....	.10	.40
Single Mixed.	lb., \$3.00	.10 .30
Parisian Forcing, mixed, 15 in. ....		.15 .60
Annual Blood Red or Yellow, each. ....		.10 .40
Yucca Filamentosa (Adam's Needle) 5 ft.	lb., 3.20	.10 .30
Glauca Angustifolia. Foliage narrow and glaucous green. June-July. 6 ft. ....		.15 .70

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

Summer Flowering Bulbs FOR WHOLESALE TRADE ONLY



AMARYLLIS



CALLA LILY

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.

	Doz.	100
Vaughan's New Hybrid	\$3.50	\$25.00
Equestra. Orange-scarlet	1.75	11.00

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. Special Mixed, per 100, \$2.00; per 1,000, \$17.00.

St. Brigid. Per 100, \$2.50; per 1,000, \$20.00.

BEGONIAS

Tuberous-Rooted	Doz.	100	1000
Single, separate colors, 1-1½-inch	\$1.00	\$ 6.50	\$ 60.00
Single, mixed, 1-1½-inch	.90	6.00	55.00
Single separate colors, 1½-2-inch	1.60	11.00	100.00
Single, mixed, 1½-2-inch	1.50	10.00	95.00
Single Frilled, Mixed 1½-2-inch	1.60	11.00	100.00
Double, separate colors, 1-1½-inch	1.15	7.50	70.00
Double, mixed, 1-1½-inch	1.00	7.00	65.00
Double, separate colors, 1½-2-inch	1.60	11.50	105.00
Double, mixed, 1½-2-inch	1.50	10.50	100.00
Double Frilled, Mixed	1.60	11.50	105.00
Narcissus, Flowered	1.75	12.00	110.00
Lloyd, For Hanging Baskets	1.75	12.00	110.00

CALADIUM ESCULENTUM

Sizes (Elephant's Ear)	Doz.	100	1000
5 to 7-inch circumference	\$0.55	\$ 3.00	\$25.00
7 to 9-inch circumference	.75	5.00	45.00
9 to 11-inch circumference	1.35	9.00	85.00
11 to 12-inch circumference	2.00	14.00	.....
12-inch and upwards, very large	2.50	17.00	.....

CALLAS—For Spring Planting

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

2 to 2½-inch	Doz.	100
2½ to 3-inch	\$2.00	\$13.00
	3.00	20.00

RANUNCULUS

Bulbs are claw-like shaped and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs same as Anemones. French Mixed, 100, \$2.75; 1000, \$22.50.

TUBEROSES

Well-Cured Bulbs.

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type.

Dwarf Excelsior Pearl	{ First size, 4 to 6-inch	100	1000
	{ Second size, 3 to 4-inch	\$ 2.75	\$25.00
Variegated Leaved, single		1.75	15.00
Albino, early single white		2.75	25.00
Armstrong's Ever-Blooming		2.75	25.00
Mexican		2.00	18.00

MISCELLANEOUS BULBS

	Doz.	100	1000
APIO TUBEROSA. Climber	\$1.10	\$ 7.00	\$65.00
CINNAMON VINES. Climber, large roots	.70	4.50	40.00
GLOXINIAS. Mixed, 1¼-1½-inch	1.80	14.00	.....
HYACINTHUS CANDICANS. 1¼-1½-inch	.70	4.50	40.00
1½-2-inches	.80	5.50	50.00
ISMENE CALATHINA	1.45	9.50	90.00
MADEIRA VINE. 2-3-inches	.55	3.75	35.00
MADEIRA VINE. 3 inches and up	.75	5.00	45.00
MONTBRETIAS MIXED	.55	3.50	30.00
OXALIS. In separate colors		1.00	6.00
TIGRIDIAS MIXED	1.00	6.50	60.00
ZEPHYRANTHUS CANDIDA	.35	1.75	15.00
ZEPHYRANTHUS ROSEA	.70	4.50	40.00

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

	Per 100	Case
7 to 9-inch. Packed 300 bulbs to case	\$ 7.50	\$17.00
8 to 10-inch. Packed 225 bulbs to case	9.00	19.00
9 to 10-inch. Packed 200 bulbs to case	11.00	20.00

LILY OF THE VALLEY PIPS

Packed 250 to case	Per case	\$ 9.00
Packed 500 to case	Per case	17.00
Packed 1000 to case	Per case	32.50

LILY BULBS—General List

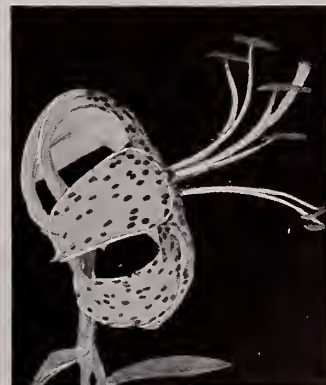
F. O. B. CHICAGO

New Season's Bulbs. Sound When Shipped.

	Size in circumference.	Doz.	100	Per Case
AURATUM	{ 8 to 9-inches, 180 to case	\$1.75	\$12.00	\$16.00
	{ 9 to 11-inches, 125 to case	2.00	15.00	16.00
RUBRUM	{ 8 to 9-inches, 200 to case	1.50	10.00	17.00
Magnificum	{ 9 to 11-inches, 140 to case	2.00	14.00	17.00
CANADENSE.	Doz. 100		REGALE.	Doz. 100
Yellow and orange.	\$1.50 \$10.00		5-6-inch	\$0.90 \$ 6.00
ELEGANS. Mixed.	1.00 10.00		6-7-inch	1.25 8.00
HENRYI			7-8-inch	1.50 10.00
Apricot Yellow, 8-9 inch	1.50 10.00		8-9-inch	2.00 15.00
9-11-inch	2.00 15.00		9-10-inch	2.75 20.00
JAPONICUM			TENUIFOLIUM	1.50 10.00
Pink	1.75 12.00		TIGRINUM	
PARDALINUM	2.00 15.00		Splendens	1.25 8.00
SUPERBUM.			TIGRINUM FL. PL.	1.25 8.00
Orange	1.50 10.00		UMBELLATUM	
			Mixed	2.00 15.00



LILIUM Rubrum Magnificum



LILIUM Tigrinum Splendens

Vaughan's Glorious Gladioli



Topping Gladioli on Our Bulb Farms at Ovid, Michigan

Prices subject to change without notice. Grown on our own farms from our own planting stocks.

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

	100	1000
ALBANIA. Large pure white. First size.....	\$ 1.60	\$14.00
Second size.....	1.50	12.00
ALICE TIPLADY. (Prim.) Orange pink.....	1.50	12.00
ALMA. Immense light lavender-pink.....	2.25	20.00
AMERICA. Pure, late pink. First size.....	1.50	12.00
Second size.....	1.40	10.00
ANNA EBERUS. Maroon purple. First size.....	1.75	15.00
Second size.....	1.50	12.00
A. W. HUNT. Immense orange red.....	2.00	18.00
BUTTER BOY. Yellow (Prim.).....	1.65	13.00
BALBOA. Apricot pink.....	10.00	90.00
BARON J. HULOT. Dark purple. First size.....	3.25	30.00
Second size.....	2.75	25.00
BELINDE. Creamy yellow, new.....	3.25	30.00
BETTY NUTHALL. Pink suffused orange.....	2.50	22.00
Second size.....	2.25	20.00
BETTY SNOW. Lavender pink.....	3.75	35.00
BIJOU. (Prim.) Ruffled pinkish apricot.....	8.25	80.00
BLOOMINGTON BEAUTY. Maroon purple.....	5.00	45.00
BYRON L. SMITH. Lavender pink. First size.....	2.25	20.00
Second size.....	2.00	18.00
CAPTAIN BOYNTON. Light lavender. First size.....	2.00	18.00
Second size.....	1.75	15.00
CHATEAU THIERRY. Orange, blotched yellow.....	2.00	17.00
CHICAGO, WHITE. First size.....	1.50	12.00
Second size.....	1.40	10.00
CHARLES DICKENS. Violet purple.....	3.00	27.00
CLARA ADAMS. Light pink, blotched red.....	2.00	17.00
COPPERSHEEN. (Prim.) Orange, bronze.....	10.00	90.00
CRIMSON GLOW. Large flower. First size.....	1.75	15.00
Second size.....	1.55	13.00
DESDEMONE. Lilac blue.....	5.50	50.00
DIANA. Blood red, very large.....	1.75	15.00
DR. F. E. BENNETT. Gigantic red. First size.....	1.80	16.00
Second size.....	1.55	13.00
DR. MOODY. Light lavender.....	4.00	35.00
DR. NELSON SHOOK. Rose purple.....	4.00	35.00
EARLY SUNRISE. Salmon scarlet, early. First size.....	2.00	18.00
Second size.....	1.75	15.00
EDITH MASON. Pure pink.....	5.00	45.00
ELIZABETH TABOR. Pink, blotched red. First size.....	1.75	15.00
Second size.....	1.55	13.00
ELSIE McCORMICK. Rose pink.....	2.00	18.00
E. J. SHAYLOR. Ruffled rose. First size.....	1.60	14.00
Second size.....	1.40	10.00
EMILE AUBRUN. Coppery bronze.....	5.00	45.00
EVELYN KIRTLAND. Pure pink. First size.....	1.80	16.00
Second size.....	1.60	14.00
FAY LAMPHIER. Large Geranium pink.....	2.75	25.00
FLANDERS. (Prim.) Brilliant scarlet.....	2.25	20.00
FLORENCE. Bright lilac.....	2.75	25.00
FLAMING SWORD. Scarlet, early.....	1.50	12.00
FLORIST. LAVENDER.....	2.25	20.00
GIANT NYMPH. Large La France pink. First size.....	1.75	15.00
Second size.....	1.55	13.00
GOLD EAGLE. Tall, deep yellow.....	2.00	18.00
GOLDEN DREAM. Clear, deep yellow.....	2.00	18.00
GOLDEN MEASURE. Best yellow. First size.....	2.00	18.00
Second size.....	1.80	16.00
HEINRICH KANZLEITER. Dark red.....	2.75	25.00

	100	1000
HEAVENLY BLUE. Lavender-blue.....	\$10.00	\$90.00
HERADA. Pure mauve. First size.....	1.80	16.00
Second size.....	1.60	14.00
HALLEY. Salmon pink. First size.....	1.50	12.00
Second size.....	1.40	10.00
ILLUMINATOR. Carmine red.....	3.25	30.00
IMPROVED SCHWABEN. Light yellow.....	2.00	18.00
IONIA. Apricot pink.....	2.75	25.00
JACK LONDON. Light salmon.....	2.75	25.00
JEWELL. (Prim.) Immense salmon pink.....	1.75	15.00
JOE COLEMAN. Ruffled red. First size.....	2.00	17.00
Second size.....	1.75	15.00
KALAMAZOO. Violet purple. First size.....	3.75	35.00
Second size.....	3.25	30.00
LANSING. Light salmon.....	10.00	90.00
LE MARECHAL FOCH. Light pink. First size.....	1.55	13.00
Second size.....	1.45	11.00
LENE GRAETZ. Large pure white.....	2.25	20.00
LONGFELLOW. Large La France pink.....	2.75	25.00
LOS ANGELES. (Prim.) Bright pink. First size.....	1.60	14.00
Second size.....	1.50	12.00
LOUISE. Pure lavender. First size.....	2.00	17.00
Second size.....	1.75	15.00
LUSTRE. Red.....	2.25	20.00
L. W. WHEELER. Pink, suffused yellow. First size.....	2.75	25.00
MAGENTA. Reddish violet.....	2.25	20.00
MARTHA PHILLIPS. Dark solid red.....	2.45	22.00
MARY ALICE. Rose pink.....	1.80	16.00
MARY H. DICK. (Prim.) Pink.....	2.25	20.00
MARY PICKFORD. Creamy white.....	2.25	20.00
MARMORA. Smoky gray.....	5.00	45.00
MING TOY. (Prim.) Buff yellow.....	1.80	16.00
MINUET. Large, light lavender. First size.....	2.40	21.00
Second size.....	2.00	18.00
MISS MADISON. Delicate pink.....	3.00	27.00
MAIDEN'S BLUSH. Light pink.....	1.40	10.00
MRS. W. E. FRYER. Orange scarlet.....	2.00	18.00
MONA LISA. Ruffled, soft rose.....	2.75	25.00
MRS. DR. HAUFF. Brilliant scarlet.....	11.00	100.00
MRS. DR. NORTON. Soft light pink.....	2.00	18.00
MRS. F. C. PETERS. Rose-lilac.....	2.25	20.00
MRS. FRANCIS KING. Vermilion. First size.....	1.50	12.00
Second size.....	1.40	10.00
MRS. FRANK PENDLETON. Pink. First size.....	1.50	12.00
Second size.....	1.40	10.00
MRS. LEON DOUGLAS. Immense rose. First size.....	1.80	16.00
Second size.....	1.55	13.00



W. H. PHIPPS



MRS. F. PENDLETON



MINUET



MRS. LEON DOUGLAS

GLADIOLI—Continued	100	1000
MRS. L. S. HUBBARD. (Prim.) Plum color	\$ 2.00	\$17.00
MRS. P. W. SISSON. Immense ruffled pink	2.00	18.00
MRS. VON KONYNENBURG. Violet blue	2.75	25.00
MOTHER MACHREE. Smoky lavender	10.00	90.00
MYRTLE. Early, light pink. First size	2.00	17.00
Second size	1.60	14.00
NANCY HANKS. Rich apricot	2.00	18.00
ODIN. Deep salmon pink. First size	1.80	16.00
Second size	1.55	13.00
ORANGE GLORY. Slightly ruffled	3.25	30.00
ORANGE QUEEN. (Prim.) Large, orange	2.00	17.00
Second size	1.60	14.00
ORPHEUS. Fine blood red	5.50	50.00
OSALIN. Coral pink	10.00	90.00
PANAMA. Rose pink. First size	1.80	16.00
Second size	1.55	13.00
PEACE. White, blotched purple. First size	1.60	14.00
Second size	1.40	10.00
PEACH ROSE. Deep rose pink	2.00	18.00
PERSIA. Deep maroon	2.45	22.00
PFITZER'S TRIUMPH. Salmon red	4.00	35.00
PINK LILY. Ruffled pink	2.75	25.00
PINK MEDALLION. (Prim.) True pink	2.25	20.00
PINKPRIM. (Prim.) Salmon	1.75	15.00
PONTIAC. Scarlet	2.00	18.00
PRIDE OF WANAKAH. Lavender rose	2.25	20.00
PRINCE OF WALES. Coral pink	2.00	18.00
PRINCEPS. Scarlet	3.25	30.00
PURPLE GLORY. Ruffled maroon	2.25	20.00
PRINCESS ELIZABETH. Salmon rose	10.00	90.00
REMEMBRANCE. Ruffled pink	2.00	18.00
RIDINGHOOD. (Prim.) Red	1.75	15.00
ROSE ASH. Lavender rose	2.25	20.00
ROSS VALLEY. Smoky lavender	3.75	35.00
RUFFLED GLORY. Salmon pink	6.00	55.00
ROSE. 1910, rose-pink. First size	1.50	12.00
Second size	1.45	11.00
SALBACH'S PINK. Late Geranium Pink	4.25	40.00
SALMON BEAUTY. (Prim.) Yellow throat	1.75	15.00
SANDUSKY. (Prim.) Bordeaux color	5.00	45.00
SARABAND. Deep purplish red	6.00	55.00
SCARLANO. Ruffled scarlet	2.00	18.00
SCARLET WONDER. Mammoth, clear color	3.25	30.00

SCARLET PRINCEPS. First size	\$ 1.50	\$12.00
Second size	1.40	10.00
SCHWABEN. Canary yellow. First size	1.80	16.00
Second size	1.55	13.00
SEAFOAM. (Prim.) White	2.45	22.00
SIDNEY PLUMMER. Yellow, suffused pink	3.75	35.00
SOUVENIR. (Prim.) Daffodil yellow	1.60	14.00
Second size	1.45	11.00
SOVEREIGN. Large deep purple	5.00	45.00
SPHINX. Lilac red, blotched purple	3.25	30.00
SUNBEAM. (Prim.) Yellow	1.75	15.00
TRUCE. White	2.00	18.00
THE ORCHID. (Prim.) Lavender	4.00	35.00
TRUDEL GROTZ. Brilliant dark salmon	10.00	90.00
TYCKO ZANG. Large, salmon pink	2.25	20.00
VAUGHAN'S WHITE. Best white. First size	5.00	45.00
Second size	4.25	40.00
VERDUN. Pansy purple	5.00	45.00
VEILCHENBLAU. Violet blue	4.25	40.00
VIRGINAL. Satiny white	5.00	45.00
VIRGINIA. Scarlet. First size	1.50	12.00
Second size	1.40	10.00
W. H. PHIPPS. La France pink. First size	2.00	17.00
Second size	1.60	14.00
WHITE PENDLETON. White, blotched purple	3.25	30.00
WILBRINCK. Lavender pink. First size	1.60	14.00
Second size	1.45	11.00
WINDSOR. Giant light pink	2.00	17.00
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. First size	1.50	12.00
Second size	1.40	10.00

EXTRA FINE MIXTURE

	100	1000
A mixture of fine, popular, higher priced varieties, containing a fine range of colors. First size	\$ 2.00	\$18.00
Second size	1.75	15.00

RAINBOW MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. First size	2.75	25.00
Second size	2.25	20.00
PRIMULINUS HYBRIDS. Mixed	1.60	14.00

Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS

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

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once. Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at

the 1,000 rate. We charge for packing on all orders at cost.

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

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

	Doz.	100	1000
ASPARAGUS Plumosus. Seedlings from flats.....		\$ 1.50	\$ 10.00
2 1/4-inch.....		\$ 0.85	6.00
3 -inch.....		1.50	10.00
4 -inch.....		2.50	18.00
Sprengerii. Seedlings from flats.....		1.50	8.00
2 1/4-inch.....		.75	5.00
3 -inch.....		1.50	10.00
4 -inch.....		2.50	18.00

BOSTON FERNS

	Each	100
2 1/4-inch.....per 1,000	\$60.00	\$ 6.50
4 -inch.....	\$0.30	25.00
5 -inch.....	.50	45.00
6 -inch.....	.75	65.00
7 -inch.....	.95	85.00
8 -inch.....	\$1.00 to	1.50
10 -inch.....	2.50 to	3.50

COLORADO FERNS

	Each	Doz.	100
4 -inch.....	\$0.35	.....	\$30.00
5 -inch.....	.55	50.00
6 -inch.....	.80	75.00

TABLE FERNS. Assorted varieties. 2 1/4-inch.....	\$0.85	6.50
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AZALEAS FOR FORCING

Send for special list of varieties for Xmas, January, Easter flowering. Plants are ready in early fall.

FICUS ELASTICA

4-inch Pots, per 100.....	\$ 40.00
5-inch Pots, per 100.....	60.00
6-inch Pots, per 100.....	\$100.00 to 125.00

NEW INTRODUCTIONS AND SPECIALTIES

AGERATUM Cardinal Mundelein. Our own introduction. A new and improved dwarf type. Deep blue flowers in profusion. Dwarf, bushy and ideal in all respects.

Rooted Cuttings.....	100	1000
2 1/4-inch plants.....	\$ 2.00	\$ 15.00
	6.00	50.00

HELIOTROPE Centefleur. An extra free blooming, dark purple from cuttings. Blooms all summer.

2 1/4-inch plants.....	\$1.00	\$ 7.00	\$ 55.00
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PENNISSETUM Cupreum. Our new bronze Fountain Grass. Far superior to ordinary varieties. Wonderful dark bronze coloring in foliage and plumes.

2 1/4-inch plants.....	\$2.50	\$15.00	\$135.00
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PHILODENDRON Cordatum. The popular house vine, is liked better than English Ivy.

2 1/4-inch plants. 3-6 leaves.....	\$1.50	\$10.00	\$ 90.00
3 -inch plants, 12" to 18" vines.....	2.00	15.00	.....

Plants for Japanese Gardens, Glass Bowls, etc. We have a good assortment of Crassulas, Sedums, Succulents and allied subjects at 6c to 25c each. Write for our list.

BEGONIA

	100	1000
Chatelaine Supreme. 2 1/4-inch.....	\$ 7.00	\$ 65.00
Christmas Cheer Red. 2 1/4-inch.....	6.00	55.00
Christmas Pink. 2 1/4-inch.....	6.00	55.00
Melior. 2 1/4-inch.....	22.50	200.00

CALADIUMS—Vaughan's Special Fancy-Leaved

	Doz.	100	1000
Rainbow Mixed.....	\$1.75	\$11.50	\$100.00
Named Varieties. Our selection.....	2.00	12.50	110.00
Named. Your selection of varieties pictured on color insert.....	2.25	14.00	120.00
Unusual and rare varieties. All named.....	2.75	16.00	140.00



BOSTON FERN

CALCEOLARIAS Vaughan's Choice Hybrid Mixture. 100	1000
2 1/4-inch.....	\$10.00 \$90.00
CINERARIAS Vaughan's Columbian Mixture. 2 1/4-inch..	6.00 55.00
Vaughan's Columbian Mixture. 3-inch.....	9.00 80.00
CHRISTMAS CACTUS. Blooms for Xmas. 2 1/4-inch.....	6.00 55.00
CYCLAMEN Bright Red. Binnewies Strain. 2 1/4-inch.....	8.00 75.00
New Salmon Rose. Binnewies Strain. 2 1/4-inch.....	8.00 75.00
Glory of Wandsbek. 2 1/4-inch.....	8.00 75.00
During the season we grow a complete line of spring bedding plants such as Asters, Coleus, Salvia, Petunias, etc. Write for our special list. Doz.	100
DRACENA INDIVISA. 2 1/4-inch.....	\$0.85 \$ 6.00
3-inch.....	1.50 10.00
4-inch.....	4.00 30.00
5-inch.....	7.00 55.00

FUCHSIA

Black Prince. Wavy carmine, pink corolla. Elm City. Light red—purple corolla. Irwin's Giant Pink. Large pink. 100	1000
Mrs. E. G. Hill. Bright crimson, white corolla.	
Price of above, 2 1/4-inch.....	\$ 5.50 \$ 50.00

GERANIUMS

Irvington Beauty. Immense trusses, double, rosy—salmon-pink blooms. Free-flowering and a strong grower. 2 1/4-inch...	\$9.00	\$75.00
Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2 1/4-inch.....	9.00	75.00
Radio Red. A prolific bloomer; easy propagator and the best all-around red Geranium. 2 1/4-inch.....	6.50	60.00
Madame Landry. Salmon-pink touched by darker shading 2 1/4-inch.....	6.50	60.00
Rose. Scented leaves, 2 1/4-inch.....	5.50	50.00
Mme. Salleri. Variegated leaves, 2 1/4-inch.....	5.50	50.00

HYDRANGEAS

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

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

ENGLISH IVY. Heavy, 2 1/4-inch.....	100	1000
3-inch.....	\$ 6.00	\$55.00
4-inch.....	12.50	.....
	25.00	.....
LANTANAS, Aurora, Radiation and Canary-yellow, 2 1/4-inch..	6.00	55.00
PANDANUS VEITCHI. 4-inch.....	Each \$ 0.70	.....
5-inch.....	1.25	.....
6-inch.....	1.50	.....
POINSETTIAS. Oak Leaf, and St. Louis. 2 1/4-inch.....	8.00	75.00
PRIMULA. Obconica. 2 1/4-inch.....	6.00	55.00
PRIMULA. Malacoides. 2 1/4-inch.....	6.00	55.00

	Each	100
SANSEVERIA LAURENTI. 3-inch.....	\$0.30	\$ 25.00
4-inch.....	.60	50.00
5-inch.....	.85	75.00
SANSEVERIA ZEYLANCIA. 4-inch.....	.45	35.00
5-inch.....	.75	60.00
SNAPDRAGONS. Clean sturdy stock, Ceylon Court—yellow, Cheviot Maid—early pink, Geneva—pink, Orlando—bronze, White Rock—white, Penn-Orange—orange, Philadelphia—pink. 2 1/4-inch.....	100	1000
VERBENA BEAUTY OF OXFORD. Cerise, 2 1/4-inch.....	\$5.50	\$50.00
VERBENA. Pink Beauty of Oxford. 2 1/4-inch.....	6.00	55.00
VINCA VARIEGATA. Rooted cuttings.....	2.00	15.00
2 1/4-inch.....	5.00	45.00
3 -inch.....	10.00	90.00

Vaughan's Dahlias

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalog. 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.

KEY TO ABBREVIATIONS. F. D., Formal Decorative; I. D., Informal Decorative; S. C., Semi Cactus; Str. C., Straight Cactus; S, Show.

PINK SHADES

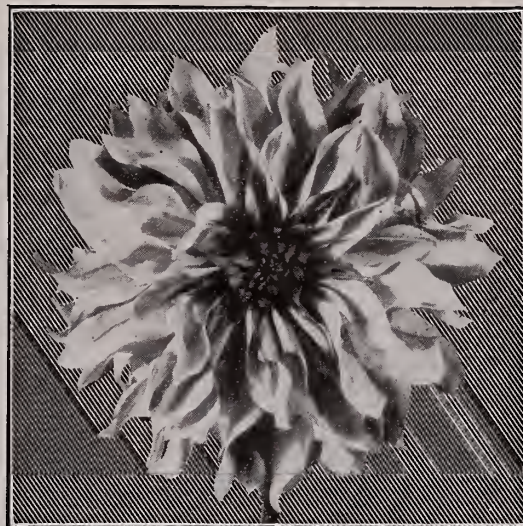
A. D. LIVONI. (S.) A beautiful soft pink flower with quilled petals.	Doz.	100	\$0.85	\$ 6.00
COUNTESS OF LONSDALE. (Str. C.) A delicate apricot, shading towards the edges of the petals to carmine-pink. Good stem and free and early flowering.	1.25	8.00		
DOROTHY STONE. (I. D.) A true deep pink, brighter and richer than Kathleen Norris. A profuse bloomer; stems upright with flowers held well above the foliage.	5.00	35.00		
DR. JOHN H. CARMAN. (F. D.) A large deep broad-petaled tyrian rose, borne on a stiff stem.	3.50	25.00		
ELLINOR VANDERVEER. (F. D.) A rich glowing satiny rose-pink. The large blooms are of great depth carried on long stems, an early bloomer and fine cut flower.	1.50	10.00		
ELITE GEM. (Str. C.) Spinal pink blush on primuline yellow at base, reverse of petals rosaline purple.	1.75	12.00		
EMMA MARIE. (S. C.) Deep rose tinting to cream at center. An early and free bloomer.	2.50	18.00		
EVA WILLIAMS. (F. D.) An exhibition variety of amethyst color with slight silver shadings.	2.00	15.00		
F. A. LEONARD. (F. D.) Brilliant rich cerise rose. A large flower on perfect stem.	1.50	10.00		
HARRY MAYER. (F. D.) A silver lavender with reverse of petals deep lavender. Sturdy growing habit and heavy texture.	2.00	15.00		
JERSEY'S BEAUTY. (F. D.) The most popular Dahlia in commerce today. Color cosine pink, a color difficult to adequately describe. As a cut flower or for exhibition it is unrivaled. Fine stem and foliage.	1.50	10.00		
KATHLEEN NORRIS. (I. D.) A true rose pink later deepening to mallow pink but paler in the young central petals. A bloom of gigantic proportions.	5.00	35.00		
LADY LYNDORA. (I. D.) Soft rose pink, free bloomer.	3.50	25.00		
META SCAMMEL. (I. D.) One of the cleanest of pink dahlias. Vigorous grower, fine stem.	3.00	20.00		
MRS. IDE VER WARNER. (F. D.) Large perfect flowers of a deep mauve-pink. Can be grown to a diameter of 11 inches. One of the best.	.85	6.00		
PAPILLON. (S. C.) A blend of old rose and gold. Fine form and good stem.	1.75	12.00		
ROSA NELL. (I. D.) Pure bright rose so rich, strong and rare that in color it stands alone. Strong stems and good keeping qualities.	1.25	8.00		
SANHICAN'S ROSE. (F. D.) Clear rose pink.	3.00	20.00		
SYLVIA. (I. D.) White shading to soft pink on the outer petals.	.85	6.00		
THE WORLD. (F. D.) A rich deep rosy magenta overlaid garnet and with silver shadings.	5.00	35.00		
VALENTINO. (F. D.) True salmon pink shading to cream at center.	2.00	15.00		

RED SHADES

COQUETTE. (S. C.) A large deep flower of red and gold.	3.50	25.00		
FORT MONMOUTH. (S. C.) The predominating color is rich crimson maroon. The flowers are immense.	5.00	35.00		
GERTRUDE BRINTON. (F. D.) True brick red. Large, well-shaped flowers.	3.00	20.00		
IMPROVED JACK ROSE. (F. D.) Bright crimson red with a touch of violet. Strong bushy grower.	.85	6.00		
JACK ROSE. (F. D.) A rich velvety crimson.	.85	6.00		
J. H. JACKSON. (Str. C.) A deep velvety blackish maroon. Gigantic in size.	.85	6.00		
JERSEY'S BEACON. (F. D.) Chinese-scarlet with a paler reverse giving a two-toned effect. Flowers large, vigorous.	2.00	15.00		
KALIF. (Str. C.) Color a pure scarlet. The gigantic flowers are held erect on strong, stiff stems.	2.00	15.00		
MINA BURGLE. (I. D.) Flowers of gigantic size and remarkable beauty. A most glowing brilliant scarlet.	.85	6.00		
MARS. (S.) Bright scarlet. Well formed flowers of medium size.	.85	6.00		
MRS. C. D. ANDERSON. (S.) Rich, clear purple. Flowers large and almost round in form.	1.50	10.00		
MONMOUTH CHAMPION. (F. D.) A brilliant flame color. One of the new favorites, free bloomer perfect flowers.	6.00	40.00		
PORTHOS. (F. D.) Sparkling deep red flowers of magnificent size	1.50	10.00		
YANKEE KING. (I. D.) Strawberry pink centers, spinal red with rose red reverse. Tall vigorous bush.	2.00	15.00		

ORANGE SHADES

BASHFUL GIANT. (I. D.) Gigantic flowers of apricot and golden shadings; excellent for exhibition.	1.75	12.00		
BERTHA HORNE. (Str. C.) Deep orange yellow tinted with apricot.	1.50	10.00		
CHARM. (F. D.) A free-flowering variety on long wiry stems, burnt orange shading to yellow.	1.50	10.00		
COROUNE DE OR. (I. D.) Old gold with old rose reverse; a most effective color combination.	3.00	20.00		
JERSEY'S RADIANT. (S. C.) Bittersweet orange.	1.25	8.00		
JERSEY'S SOVEREIGN. (I. D.) Salmon orange of good size on strong stems.	1.50	10.00		
JUDGE A. B. PARKER. (F. D.) Deep buff, an exhibition variety, strong grower.	1.50	10.00		
KENTUCKY. (F. D.) A brilliant salmon. A thrifty grower and prolific bloomer.	3.00	20.00		
MR. CRAWLEY. (F. D.) A plant of dwarf habit, having blooms of a glowing salmon-pink with yellow at the base of petals.	1.50	10.00		
MYRA VALENTINE. (F. D.) A golden bronze of fine form. Large blooms on long stems.	1.75	12.00		
PRIDE OF STRATFORD. (I. D.) A large two-tone orange variety with a very deep reverse. Long sturdy stems.	1.75	12.00		
ROSE FALLON. (F. D.) Dark orange tinted with amber and salmon and both pleasing and effective. Strong grower.	2.00	15.00		
SAGAMORE. (F. D.) A golden color, shaded toward the center with warm salmon-rose or orange-buff.	1.75	12.00		



JANE COWL

YELLOW SHADES

AVALON. (I. D.) Clear yellow. The large flowers are produced in great abundance on long stems.	Doz.	100	\$1.25	\$ 8.00
GOLD MEDAL. (S.) Deep golden yellow, tipped and suffused oriental red, splendid form.	1.50	10.00		
MRS. JOHN BOWMAN. (S.) Large golden yellow. Free bloomer. Strong long stems.	1.25	8.00		
MONMOUTH SUNRISE. (F. D.) A golden yellow of good size	2.00	15.00		
YELLOW DUKE. (S.) Clear canary yellow. Very large and free bloomer with strong stem.	.85	6.00		

LAVENDER and VIOLET SHADES

CLAUDE HARLEM. (I. D.) Clear lavender. The petals have a soft wavy appearance.	1.50	10.00		
ELSIE BURGESS. (S.) Lavender pink of good size and form.	.85	6.00		
ESTHER HOLMES. (Str. C.) A deep lavender pink. Blooms freely, produced on long stiff stems.	1.25	8.00		
MRS. ELINORE MARTIN. (F. D.) A beautiful mulberry with golden suffusion. Very large flower with good stem.	2.00	15.00		
OLGA KUDLICK. (F. D.) Light lavender-pink, strong vigorous grower with heavy foliage.	2.00	15.00		
PURPLE KING. (I. D.) A lavender purple, early free bloomer, a strong grower. Making a bushy plant covered with flowers.	.85	6.00		
SANHICAN'S BLUEBIRD. (I. D.) The outer petals at maturity are bright violet-blue while the center retains the violet tint, the nearest approach to a blue dahlia.	3.00	20.00		

WHITE

DREER'S WHITE. (S.) Large pure white quilled petals. A dwarf grower with long drooping stems. A good bloomer.	.85	6.00		
JEAN KERR. (I. D.) Pure white of fine form a profuse bloomer on stiff stems.	1.50	10.00		
MARGARET WOODROW WILSON. (I. D.) Face of petals creamy white, reverse Phlox-pink.	1.25	8.00		
MAUDE ADAMS. (S.) Snowy white, overlaid clear delicate pink. Vigorous grower; one of the best.	.85	6.00		

AUTUMN SHADES

A Combination of Several Colors

BARBARA REDFERN. (F. D.) Old rose and gold outside of petals, dull gold reverse, delicate old rose strong grower.	2.00	15.00		
JANE COWL. (I. D.) Deep massive bloom of bronzy buff. Stems of unusual strength.	1.75	12.00		
JUDGE MAREAN. (I. D.) A glowing salmon-pink, red, iridescent orange yellow and gold all blending.	2.00	15.00		
REGAL. (I. D.) Bronze heavily suffused with dull old rose, giving the effect of burnished copper.	5.00	35.00		

POMPONS

BAACHUS. Clear bright red, rounded and full.	.85	6.00		
CATHERINE. Bright yellow, good form and stem.	.85	6.00		
EUREKA. Yellow, shading to bronze.	.85	6.00		
LITTLE IRENE. Light yellow, very free.	1.25	8.00		
LITTLE HERMAN. Cardinal red, shaded maroon, tipped white.	1.25	8.00		
NELLIE FRAZER. Light ground tipped rose.	.85	6.00		
NORA REYNOLDS. Indian red, very fine.	1.25	8.00		
ROSA WILMOUTH. Small, fine-formed rose-pink.	.85	6.00		
SNOWCLAD. The best pure white pompon.	1.25	8.00		
SUNSET. Brilliant orange scarlet.	.85	6.00		
VIVID. Bright scarlet, very fine.	1.25	8.00		
YELLOW GEM. Perfect neat bright yellow flower. Free bloomer with good stem.	.85	6.00		

SINGLE

AMERICAN 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 early and continues until frost constantly improving in quality and number. Ideal for cut blooms, flower beds or border planting.	.85	6.00		
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Un-named Dahlias

DOUBLE DAHLIAS TO COLOR. Good varieties in red, pink, white, yellow, and purple; strong divisions of field roots, per 1,000, \$50.00.	.85	6.00		
Mixed field clumps, all colors.	1.50	10.00		
Mixed strong divisions, per 1,000, \$35.00.	.60	4.00		



ANEMONE Japonica



DIELYTRA (Bleeding Heart)



DELPHINIUM—Wrexham

Hardy Perennial Plants

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

ACANTHUS Latifolius. Foliage plant. 3 ft. Aug.....	10	100
ACHILLEA Boule De Neige. Dble. White. 1½ ft. June-July...	\$1.25	\$10.00
Crimson Beauty. Light crimson. 2 ft. June-Sept.....	1.00	8.00
Millefolium Kelwayi. Pink. 2 ft. June-Sept.....	1.25	10.00
Parmica, The Pearl. Dble. white. 2 ft. All summer.....	1.00	8.00
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 Brockbanki. X. Blue. 5 in. May.....	1.25	10.00
Reptans. X. Blue. 6 in. May.....	.85	7.00
Reptans Rubra. X. Blue. 5 in. May.....	1.25	10.00
ALYSSUM Saxatile Compactum. X. Yellow. 1 ft. May.....	.85	7.00
ANCHUSA Italica Dropmore. Blue. 4 ft. June-Sept.....	1.00	8.00
ANEMONE Japonica Alba. Large, pure white.....	1.50	12.00
Alice. Large rose-pink.....	1.50	12.00
Huphensis. Rose pink.....	1.50	12.00
Lorelei. Lilac-rose.....	1.50	12.00
Queen Charlotte. Large semi-double La France pink.....	1.50	12.00
Richard Ahrens. New large double white with pink hue.....	1.50	12.00
Whirlwind. Excellent double white.....	1.50	12.00
ANTHEMIS Kelwayi. (Marguerite). Yellow. 2 ft. June-Aug.....	1.00	8.00
Tinctoria, Perry's Variety. Deep yellow. 2 ft. All summer.....	1.25	10.00
AQUILEGIA (Columbine)		
Alpina. X. Blue. 1 ft. May-June.....	1.25	10.00
Coerulea. X. Blue and white. 1½ ft. June.....	1.25	10.00
Dobbie's Imperial Hybrids. Mixed. 2½ ft. June.....	1.25	10.00
2 year clumps.....	1.50	12.00
Mrs. Scott Elliott. Long-spurred mixture. 2½ ft. June.....	1.00	8.00
2 year clumps.....	1.25	10.00
ARABIS Alpina. X. (Rockcress). White. 6 in. Apr.-June.....	.85	7.00
ARMERIA Lauchiana. X. Light red. 8 in. May-June.....	1.00	8.00
ARTEMISIA Lactiflora. White. 4 ft. Aug.-Sept.....	1.00	8.00
Silver King. Silvery foliage. 3 ft. All summer. Highly desirable as a cut flower and also for drying.....	1.25	10.00
ASCLEPIAS Tuberosa. Orange. 2 ft. July-Aug.....	1.25	10.00
ASPARAGUS Verticillatus. Fine foliage plant. 12 ft.....	.85	7.00
ASTER Abendrothe. Pink. 4 ft. Sept.-Oct.....	1.00	8.00
Climax. Blue. 4 ft.-5 ft. Sept.-Oct. One of the best Fall cut flowers.....	1.00	8.00
Gloria Compacta. X. Pink. 1½ ft. Sept.-Oct.....	1.50	12.00
Mrs. Raynor. Deep pink. 3 ft. Sept.-Oct.....	1.25	10.00
Queen Mary. Blue. 4 ft. Sept.-Oct.....	1.25	10.00
Subcoeruleus. X. Mauve. 1 ft. June.....	1.00	8.00
Sunset. X. Rose pink. 2 ft. Sept.....	1.50	12.00
White Lady. 4 ft. Sept.-Oct.....	1.00	8.00
AUBRIETIA Hybrids. X. (Wall Cress). Shades of lavender. 6 in. April-May.....	1.25	10.00
BAPTISIA Australis. Blue. 3 ft. June-July.....	.75	6.00
2 year clumps.....	1.00	8.00
BELLIS Perennis. X. (English Daisy). White or pink. 6 in. April-June.....	.75	6.00
BOCCONIA Cordata. (Plume poppy). White. Good cut flower. 7 ft. July-Aug.....	1.25	10.00
BOLTONIA Asteroides. White. 6 ft. Aug.-Sept.....	1.00	8.00
BUDDLEIA Variabilis. (Butterfly Bush). Lilac. 4 ft. July-Sept.....	1.00	8.00
CALAMINTHA Alpina. X. Purple. 6 in. June.....	1.00	8.00

CAMPANULA Calycanthera (Canterbury Bells, Cup and Saucer). Blue. 3 ft. July.....	10	100
Calycanthera. Pink. 3 ft. July.....	\$1.25	\$10.00
White. 3 ft. July.....	1.25	10.00
Carpatica. Blue. X. 9 in. July-Aug.....	1.00	8.00
Alba. X. White. 9 in. July-Aug.....	1.00	8.00
Medium (Canterbury Bells). Blue. 3 in. June-July.....	1.15	9.00
Rose. 3 ft. June-July.....	1.15	9.00
White. 3 ft. June-July.....	1.15	9.00
Persicifolia. Blue. 2 ft. June-July.....	1.00	8.00
Alba. White. 2 ft. June-July.....	1.00	8.00
Telham Beauty. Blue. 2 ft. June.....	1.25	10.00
Rotundifolia. X. (Blue Bells of Scotland.) Blue. 1 ft. June-Aug.....	1.00	8.00
Trachelium. Lavender-blue. 3 ft. July.....	.85	7.00
2 year clumps.....	1.25	10.00
CARNATION Grenadin. 1 ft. July. Mixed colors.....	1.25	10.00
CATANANCHE Coerulea. Blue. 2 ft. July-Aug.....	1.00	8.00
CENTAUREA Montana. Blue. 2 ft. June-Sept.....	.75	6.00
2 year clumps.....	1.00	8.00
CEPHALARIA Alpina. Pale yellow. 3 ft. June-July.....	1.25	10.00
CERASTIUM Tomentosum. X. White. 6 in. May-June.....	1.00	8.00
CHIVES. (Herb). Used for seasoning.....	1.00	8.00
CHRYSANTHEMUM		
Arcticum (Arctic Daisy). 2 ft. White. Late Sept.....	1.00	8.00
Conqueror. White. 2 ft. Aug.....	.85	7.00
King Edward Shasta Daisy. White. Makes good cut flower. 3 ft. All summer.....	1.00	8.00
Maximum (Shasta Daisy). White. 2 ft. July-Aug.....	.85	7.00
Supreme. 3 ft. Large white flowers. Makes good cut flowers.....	1.25	10.00
CIMICIFUGA Racemosa. White. 4 ft. July-Aug.....	1.25	10.00
CLEMATIS Davidiana. Blue. 2½ ft. Aug.-Sept.....	1.25	10.00
Recta. White. Desirable for cut flowers. 2 ft. June-July.....	.75	6.00
3 year clumps.....	1.00	8.00
Recta Grandiflora. White. 2 ft. June-July.....	.85	7.00
2 year clumps.....	1.25	10.00
COREOPSIS Lanceolata Grandiflora. Yellow. 2 ft. All summer.....	.75	6.00
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.....	1.00	8.00
DELPHINIUM Belladonna. Light blue. Much used for cut flowers. 4 ft. All summer.....	.75	6.00
2 year clumps.....	.85	7.00
Bellamosum. Dark blue. 4 ft. All summer.....	1.25	10.00
Blackmore & Langdon. Hybrid mixture. 4 ft. All summer.....	1.50	12.00
Chinese Album. White. 2 ft. July.....	1.00	8.00
Chinese Blue. Blue. 2 ft. July.....	1.00	8.00
Formosum. Dark blue, white center. 4 ft. All summer.....	.85	7.00
2 year clumps.....	1.00	8.00
Indigo. Darkest blue. 4 ft. All summer.....	1.00	8.00
2 year clumps.....	1.25	10.00
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.....	1.50	12.00
Wrexham Hollyhock Flowered. Choice hybrid mixture. 5 ft. All summer.....	1.85	15.00

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



POPPY Oriental



SEDUM Spectabile Brilliant



VERONICA Longifolia Subsessilis

Hardy Perennial Plants—(Continued)

DIANTHUS		10	100
Atro-coccineus Fl. Pl. X. Deep scarlet. 1 ft. All summer....	\$1.25	\$10.00	
Barbatus (Sweet William) Copper Red. 1 ft. June-July....	1.00	8.00	
Johnsons' Giant Mixed. 1 ft. June-July....	1.00	8.00	
Pink Beauty. 1 ft. June-July....	1.00	8.00	
Vaughan's Special Mixed....	.85	7.00	
Beatrix. X. Salmon pink. Double. 10 in. All summer....	1.50	12.00	
Plumaris Cyclops. X. Dark rose. 9 in. June-July....	.85	7.00	
Caesius X. Rose. 4 in. June-July....	1.00	8.00	
Deltoides (Maiden Pink). X. Pale pink. 8 in. June....	.75	6.00	
Dentosus Hybridus. X. Red. 8 in. July....	.85	7.00	
Graniticus. X. Crimson. 5 in. May-July....	.85	7.00	
Nanus Fl. Pl. X. Shades of pink and red. 1 ft. May-June....	1.00	8.00	
Sweet Wivelsfield. X. Hybrid mixture. 1 ft. All summer....	1.00	8.00	
DICTAMNUS Fraxinella. Deep pink. 3 ft. June-July....	.85	7.00	
Fraxinella Albus. White. 3 ft. June-July....	.85	7.00	
2 year clumps. Pink or White....	1.25	10.00	
DICENTRA Spectabilis. (Bleeding Heart). Pink. 1½ ft. May-June....	1.85	15.00	
DIGITALIS Gloxiniaeflora (Foxglove) Pink. 3 ft. June-July....	1.15	9.00	
Purple. 3 ft. June-July....	1.15	9.00	
White. 3 ft. June-July....	1.15	9.00	
Grandiflora Ambigua. Yellow. 2 ft. June....	1.00	8.00	
Shirley Hybrids. Mixed colors. 5 ft. June-July....	1.25	10.00	
ECHINACEA Purpurea. (Coneflower). Purple. Useful cut flower. 4 ft. July-August....	.85	7.00	
2 year clumps....	1.25	10.00	
ECHINOPS Ritro. Steel-blue. 3 ft. July-Aug....	1.25	10.00	
ERIGERON Speciosa Hybrida Grandiflorum. Purple. 2 ft. July....	1.00	8.00	
ERYNGIUM Amethystinum. (Sea Holly). Steel-blue. 2 ft. July-August....	1.15	9.00	
EUPATORIUM Coelestinum. Blue. 2 ft. Aug.-Oct....	1.00	8.00	
Purpureum. Purple. 6 ft. Aug.-Sept....	.75	6.00	
EUPHORBIA Polychroma. Yellow. 18 in. Apr....	1.25	10.00	
FUNKIA Cordata Aurea Variegata. (New). Lilac. 1½ ft. Aug....	1.25	10.00	
Coerulea Lanceolata. (Plantain Lily). Mauve. 1½ ft. July....	.85	7.00	
Subcordata Grandiflora. X. White. 1½ ft. August....	1.85	15.00	
Variegata. X. White. 1½ ft. August....	1.50	12.00	
GALLARDIA New Hybrids. Mixed colors. 2 ft. All summer....	.85	7.00	
GENTIANA Andrewsii. X. Blue. 1½ ft. Aug.-Sept....	1.50	12.00	
GERBERA Hybrids. Mixed pastel shades. 18 in. Aug.-Sept....	3.00	25.00	
GEUM Lady Strathenden. X. Golden. 1½ ft. All summer....	1.25	10.00	
Mrs. J. Bradshaw. X. Orange-red. 1½ ft. All summer....	1.25	10.00	
GLOBULARIA Trichosantha. X. Dark blue. 4 in. June....	1.25	10.00	
GRASS Eulalia Japonica Variegata. 4 ft....	1.00	8.00	
GYPSOPHILA Bristol Fairy. Double white. 3 ft. July-Sept. Useful cut flower also for drying....	2.80	22.00	
Paniculata. White. 3 ft. June-July....	.75	6.00	
2 year clumps....	1.00	8.00	
Repens. X. White. 4 in. All summer....	1.00	8.00	
HARDY FERNS. Adiantum Pedatum. (Maidenhair Fern). 1 ft. 1.25	1.25	10.00	
Aspidium Spinulosum. (Spinulose Wood Fern) 1½ ft.-2 ft....	1.25	10.00	
Asplenium Filix-Femina. (Lady Fern) 2 ft.-3 ft....	1.25	10.00	
Oncoclea Struthiopteris. (Ostrich Fern). 3 ft.-4 ft....	1.25	10.00	
Osmunda Claytoniana. 2 ft.-3 ft....	1.25	10.00	
HELIANTHUS Autumn Glow. Mahogany red. 2½ ft. Sept....	1.50	12.00	
Hoopesi. Orange. Useful cut flower. 3 ft. June-July....	1.25	10.00	
Riverton Gem. Old gold and bronze. 3-4 ft. Aug.-Oct....	1.25	10.00	
HELIANTHEMUM Mutabile. X. Flesh. 12 in. May-June....	1.00	8.00	
HELIANTHUS Mollis. Lemon-yellow. 5 ft. Aug.-Sept....	.85	7.00	
2 year clumps....			
Multiflorus Plenus. (Dahlia flowered sunflower.) Deep yellow. 4 ft. Aug.-Sept. Extremely valuable to florists because it produces ideal cut flowers during a time when yellow flowers are scarce. Resembles a large disbudbed pompon chrysanthemum on a 3-foot stem....	1.25	10.00	
HELIOPSIS Scabra Grattissima. Double ochre-yellow. 2½ ft. July-Aug. 2 year clumps....	1.85	15.00	

HEMEROCALLIS Aureole. Deep orange-yellow with bronze reverse. 2 ft. May-June....	10	100
Dr. Regel. Rich orange-yellow. 1½ ft. May-June....	\$0.65	\$ 5.00
Flava. (Lemon Lily). Lemon. 3 ft. May. Fragrant....	.65	5.00
Fulva Kwanso. Fl. Pl. Deep orange. 3 ft. July-Aug....	1.00	8.00
Sovereign. Chrome yellow. Fragrant. 2 ft. May-June....	.65	5.00
HEUCHERA Brizoides Gracimilla. X. Flesh pink. 1½ ft. May-July....	1.50	12.00
HEUCHERA New Hybrids. X. Pink and red. 1½ ft. May-July....	1.50	12.00
HEUCHERA Sanguinea. X. Coral red. 1½ ft. May-July....	1.50	12.00
HIBISCUS. Red, white, or pink. 5 ft. July-Aug....	.75	6.00
2 year clumps....	1.00	8.00
3 year clumps....	1.25	10.00
HOLLYHOCK. Double white; double pink; double yellow; double maroon and double red or mixed....	1.00	8.00
HOSTA—See Funkia.		
HYPERICUM Moserianum. Yellow. 1½ ft. All summer....	1.25	10.00
IBERIS Sempervirens X. (Candytuft). White. 8 in. April-May....	1.00	8.00
INULA Royleana. Orange. 18 in. All summer....	1.25	10.00
LATHYRUS Latifolius Pink Beauty. 3 ft. June-July....	1.25	10.00
Latifolius Rubra. Red. 3 ft. June-July....	1.25	10.00
LAVENDULA Vera. Lavender. 18 in. All summer....	1.25	10.00
LIATRIS Pycnostachya. Purple. 5 ft. Sept....	1.25	10.00
Spicata. Purple. 3 ft. Sept....	1.25	10.00
LINARIA Dalmatica Macedonica. X. Yellow. 1 ft. All summer....	1.00	8.00
LINUM Perenne. X. Blue. 1½ ft. May-Aug....	1.00	8.00
LOBELIA Cardinalis. Scarlet. 3 ft. July-Aug....	1.00	8.00
Syphilitica. Blue. 3 ft. Aug....	1.00	8.00
LUPINUS Albus. (Lupine). White. 3 ft. June-Aug....	1.25	10.00
Blue. 3 ft. June-Aug....	1.25	10.00
Downers Hybrids. Mixed colors. 3 ft. June-Aug....	1.50	12.00
Roseus. Rose-pink. 3 ft. June-Aug....	1.25	10.00
Lupins are amongst the most desirable Perennials for producing cut flowers.		
LYCHNIS Arkwrightii. Salmon to orange scarlet. 2½ ft. May....	1.00	8.00
Chalcedonica. Scarlet. 2 ft. July....	1.00	8.00
Viscaria Splendens. Bright rose. 1½ ft. June....	1.00	8.00
LYSIMACHIA Nummularia. X. Yellow. 3 in. June-July....	.85	7.00
Vulgaris. Yellow. 4 ft. July....	1.00	8.00
LYTHRUM Rose Queen. Pink. 3 ft. July-Aug. Desirable cut flower....	1.00	8.00
MATRICARIA Capensis Fl. Pl. (Double Feverfew). White. Good for cut flowers. 1 ft. June-Aug....	1.00	8.00
MAZUS Reptans. X. Purple. 1 in. Apr.-May....	1.00	8.00
MERTENSIA Virginica. X. Purplish blue. 1½ ft. Apr.-May....	.85	7.00
MINT. Useful herb....	1.00	8.00
MONARDA Didyma. Red. 3 ft. July-Aug....	1.00	8.00
Fistulosa. Purple. 3 ft. July-Aug....	.85	7.00
MYOSOTIS Palustris. X. (Forget-me-not). Blue. 5 in. All summer....	.85	7.00
NEPETA Mussini. X. Blue. 2 in. June-July....	1.00	8.00
NIEMBERGIA Rivularis. X. White. 2 in. All summer....	.85	7.00
OENOTHERA Youngii. Yellow. 2 ft. All summer....	1.00	8.00
Missouriensis. X. Yellow. 1 ft. All summer....	1.00	8.00
PACHYSANDRA Terminalis. X. White. 3 in. May....	1.00	8.00
Rooted runners of Pachysandra, per 1000, \$65.00.		
PAPAVER Orientale, Olympia. Double scarlet. 3 ft. May-June....	1.85	15.00
Mrs. Perry. Pink. 3 ft. May-June....	1.50	12.00
Royal Scarlet. 3 ft. May-June....	1.15	9.00
PENTSTEMON Barbatus Torreyi. Scarlet. 4 ft. June-Aug....	1.00	8.00
Coccineus. Scarlet. 3 ft. July-Aug....	1.00	8.00
Digitalis. White, purple throat. 3 ft. Aug....	1.00	8.00
Pubescens. Rosy purple. 2 ft. July....	1.00	8.00
PHYSALIS Francheti. (Chinese Lantern). Orange. 2 ft. Oct....	.85	7.00
PHYSOTEGIA Grandiflora Vivid. X. Bright pink. 2 ft. Aug.-Sept....	1.25	10.00
PLATYCODON Grandiflorum. (Balloon Flower). Blue 2 ft. All summer....	.75	6.00
Grandiflorum Alba. White. 2 ft. All summer....	.75	6.00
PLUMBAGO Larpentae. X. Blue. 6 in. All summer....	1.00	8.00
POLEMONIUM Coeruleum. X. Deep blue. 1½ ft. June-July....	1.25	10.00
POTENTILLA Double Mixed. X. Red and orange shades. 2 ft. June-Aug....	1.25	10.00
POTERIUM Obtusum. Crimson. 3 ft. July-Sept....	3.00	25.00

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

Hardy Perennial Plants — (Continued)

PRIMULA. (Primrose.)	10	100
Acaulis Lilacina, Fl. Pl. X. Double lavender. 6 in. April-May	\$3.00	\$25.00
Auricula. X. Mixed colors. 6 in. Apr.-May	1.50	12.00
Veris. X. Mixed colors. 6 in. April-May	1.50	12.00
Japonica. X. Finest Veris hybrids. Apr.-May	1.80	15.00
PYRETHRUM Roseum. (Painted Daisy)		
Single. Mixed colors. 2 ft. May-June	.85	7.00
James Kelway. Red. 2 ft. May-June	1.25	10.00
Uliginosum. White. 3 ft. Aug.-Sept.	1.00	8.00
RANUNCULUS Repens. X. Double yellow. 6 in. May-July	1.00	8.00
RUDBECKIA Laciniata. (Golden Glow.) Yellow. 6 ft. Aug.	1.00	8.00
Speciosa Newmanni. Yellow daisy, black eye. 3 ft. Sept.	1.00	8.00
SALVIA Azurea Grandiflora. Blue. 4 ft. Aug.-Sept.	1.00	8.00
Officinalis (Sage). Herb for seasoning. 2 ft.	1.00	8.00
Pitcheri. Deep blue. 4 ft. Aug.-Sept.	1.25	10.00
SAPONARIA Ocyroides Splendens. X. Pink. 1 ft. May-July	1.25	10.00
SAXIFRAGA Cordifolia. X. Light pink. 1 ft. Apr.-May	1.25	10.00
3 year clumps	1.85	15.00
Decipiens. X. White. 4 in. April-May	1.00	8.00
SEDUM. (Stone Crop.)		
Acre. X. (Golden Moss) Yellow. 2 in. May-July	.65	5.00
Album. X. White. 2 in. May-July	.75	6.00
Aureum. X. Yellow. Mossy foliage tipped yellow. 2 in. May-June	1.00	8.00
Dasyphyllum. X. White. 2 in. Grey foliage. July	1.25	10.00
Kamtschaticum. X. Orange-yellow. 6 in. August	1.00	8.00
Muralis. X. White. 5 in. June	1.00	8.00
Prunatum Forsterianum. X. Yellow. 3 in. July	1.25	10.00
Reflexum. X. White. 3 in. June	1.00	8.00
Rubrum. Pink, red foliage. 1½ ft. Sept.	1.25	10.00
Sarmentosum. X. Yellow. 3 in. July	.75	6.00
Sexangulare. X. Yellow. 3 in. June-July	1.00	8.00
Spectabile. Pink. 1½ ft. Aug.-Sept.	1.00	8.00
Spectabile Brilliant. Red. 1½ ft. Aug.-Sept.	1.25	10.00
Spurium. X. Pink flowers, red foliage. 6 inch. July-August	.65	5.00
SEMPERVIVUM. (Hen and Chickens.)		
Globiferum. X. Yellow. 1 ft. June	.75	6.00
Robustum. X. Yellow. Large rosette. 1 ft. June	1.25	10.00
Tectorum. X. Light red. 1 ft. June	.85	7.00
SHASTA Daisy. See Chrysanthemum maximum.		
SIDALCEA Rosy Gem. Pink. 1½ ft. All summer	1.25	10.00
SILENE Schafta. X. Bright pink. 6 in. July	1.00	8.00
SOLIDAGO Canadensis. (Golden Rod.) Yellow. 5 ft. Aug.-Sept.	.65	5.00
SPIRAEA Filipendula Hexapetala. X. White. 1 ft. June-July	.85	7.00
STACHYS Lanata. Woolly foliage. 1½ ft.	1.00	8.00
STATICE Latifolia. (Sea Lavender.) Blue. 2 ft. Aug.-Sept.	.75	6.00
2 year clumps	1.00	8.00
STOKESIA Cyanea. X. (Cornflower Aster.) Sky-blue. Makes good cut flowers. 1 ft. Aug.-Sept.	1.00	8.00
TEUCRIUM Chamaedryas. X. Rose. 8 in. June-July	1.00	8.00
THALICTRUM Adiantifolium. X. Yellow, fern-like foliage. 1 ft. June-July	1.25	10.00
Aquilegfolium. X. White. 2 ft. May-July	1.25	10.00
Flavum. Yellow. 3 ft. June	.85	7.00
Glaucum. Yellow. 3 ft. June	.85	7.00
THERMOPSIS Caroliniana. Yellow. 2 ft. June-July	1.25	10.00
THYMUS Citriodorus. X. (Lemon Thyme.) Red. 4 in. June	.85	7.00
Serpyllum Coccineus. X. Red. 2 in. June-July	.75	6.00
Splendens. X. Purple. 3 in. June-July	.85	7.00
Album. X. White. 2 in. June-July	1.00	8.00
Lanuginosus. X. (Woolly Thyme.) Rose. 2 in. June-July	1.25	10.00
TRADESCANTIA Virginiana. Blue. 2 ft. May-Aug.	.65	5.00
Heavenly Blue. Light blue. 2 ft. May-Aug.	1.50	12.00
Leonora. Dark blue. 2 ft. May-Aug.	1.50	12.00
TRILLIUM Grandiflorum. X. White. 12 in. May-June	.85	7.00
TRITOMA Pfitzeri. (Red Hot Poker.) Yellow tinged pink. Much used for cut flowers. 3 ft. Aug.-Sept.	1.25	10.00
Royal Standard. New. Brilliant scarlet and yellow base. 3 ft. Aug.-Sept.	1.85	15.00
TROLIUS European Ledebouri. (Globe Flower.) Orange-yellow. 2 ft. May-July	1.85	15.00
TUNICA Saxifraga. X. Light pink. 6 in. All summer	.85	7.00
VALERIANA Officinalis. Light pink. 5 ft. June-July	1.00	8.00
Var. Rubra. Red. 2 ft. July-Aug.	1.00	8.00
VERBASCUM Hybrids. Yellow, cream, etc. 3 ft. July-Aug.	1.85	15.00
VERONICA Amethystina. X. Blue. 1 ft. June-July	.75	6.00
2 year clumps	1.25	10.00
Armena. X. Pale blue. 1 in. Apr.-May	1.50	12.00
Incana. X. Blue, silvery foliage. 12 in. July-Aug.	1.25	10.00
Longifolia Subsessilis. Blue. 2 ft. Aug.-Sept.	1.50	12.00
Longifolia. Light blue. 2 ft. July-Aug.	1.00	8.00
Repens. X. Blue. 2 in. May	1.00	8.00
Rupestris. X. Blue. 5 in. June	1.25	10.00
Spicata. Blue. 2 ft. Aug.	.75	6.00
Spicata Rosea. Pink. 2 ft. July-August	.85	7.00
Teucrium. X. Blue. 6 to 12 inches. May-June	1.00	8.00
The different varieties of Veronicas are much used for cut flowers.		
VINCA Minor. X. (Periwinkle.) Blue. 6 in. Apr.-May	.85	7.00
VIOLA Cornuta, Admiration. X. Purple. 6 in. All summer	.85	7.00
Cornuta. X. Yellow. 6 in. All summer	.85	7.00
Jersey Gem. X. Violet. 6 in. All summer	1.25	10.00
White Perfection. X. White. 6 in. All summer	.85	7.00
VIOLET Prince of Wales. X. Single, purple-violet. 6 in. May	1.00	8.00
YUCCA Filamentosa. 2 yr. White. 6 ft. July	1.00	8.00
Filamentosa. 3 yr. White. 6 ft. July	1.25	10.00
Glauca Angustifolia. Purplish white. 6 ft. July. 2 year	1.25	10.00
3 year	1.50	12.00



HARDY PHLOX

HARDY PHLOX—Continued	10	100
Goliath. Light purplish red. Fine, large heads and individual florets.	\$1.50	\$12.00
La Vague. Mauve with aniline-red eye. Strong grower.	.85	7.00
Le Mahdi (Dwarf). Darkest purple.	1.50	12.00
Lord Raleigh (Dwarf). Dark mauve.	1.50	12.00
Mrs. Chas. Dorr. Pale lilac. Tall.	.85	7.00
Mrs. Jenkins. Tall white, immense flowers.	1.25	10.00
Obergartner Wittig. Lilac-rose, crimson eye.	1.00	8.00
Rhineland. Salmon-pink, red eye.	1.25	10.00
Riverton Jewel. Mauve-pink with brilliant carmine eye.	1.25	10.00
Rhynstrom. Rosy pink, no eye.	1.25	10.00
R. P. Struthers. Rosy carmine, shaded orange-scarlet.	1.00	8.00
Thor. Tall, deep salmon-pink, suffused and overlaid with a scarlet glow. One of the best.	.85	7.00
Von Hochberg. Deep blood-red.	1.85	15.00
Mixed. Varieties with labels lost. Some very good stock.	1.00	8.00
Dwarf and Alpine Phlox. Remarkable for their prostrate habit and mass of bloom in spring and early summer, being quite distinct from the Phloxes offered above. They are splendid subjects for rockeries, the front of borders and over graves.		
Amoena. X. Pink. 8 in. May	1.00	8.00
Divaricata Canadensis. X. Fragrant lavender flowers. 10 in. Spring.	.85	7.00
Ovata Carolina. X. Red. 12 in. June-July	1.25	10.00
Subulata Lilacena. X. Pale lilac. 4 in. Spring	.85	7.00
Rosea. X. Rose-pink. 4 in. Spring	.85	7.00

ROCK GARDEN PLANTS

The following list includes all the best hardy varieties used in Rock Gardens. For complete description and prices see our list of Hardy Perennial Plants on pages 46 to 48.

Varieties marked (*) are suitable for shade.

*Ajuga Reptans	*Primula Veris
Alyssum Saxatile Compactum	Ranunculus Repens Fl. Pl.
Arabis Alpina	Saponaria Ocyroides Splendens
Armeria Lauchiana	*Saxifraga Cordifolia
Aster Subcoeruleus	*Saxifraga Decipiens
Aubretia Hybrids	*Sedum Acre
Calamintha Alpina	Sedum Album
Campanula Carpatica	Sedum Aureum
*Campanula Piperii	*Sedum Dasyphyllum
*Campanula Rotundifolia	*Sedum Hispanicum
Cerastium Tomentosum	*Sedum Prunatum Forsterianum
Dianthus Atro-coccineus Fl. Pl.	Sedum Reflexum
Dianthus Plumaris Cyclops	Sedum Rubrum
Dianthus Plumaris Caesius	Sedum Sarmentosum
Dianthus Plumaris Deltoides	Sedum Sexangulare
Dianthus Plumaris Dentosus Hybrids	Sedum Siboldii
Dianthus Plumaris Graniticus	*Sedum Spurium
Dianthus Plumaris Nanus Fl. Pl.	Sempervivum Robustum
Globularia Trichosantha	Sempervivum Globiferum
Gypsophila Repens	Sempervivum Tectorum
Helianthemum Mutabile	Silene Schafta
*Heuchera New Hybrids	Spiraea Filipendula Hexapetala
Hypericum Moserianum	*Thalictrum Adiantifolium
Iberis Sempervirens	Thymus, all varieties
Linaria Dalmatica Macedonica	*Trillium Grandiflorum
Linum Perenne	Tunica Saxifraga
*Lysimachia Nummularia	Veronica Amethystina
*Myosotis Palustris	Veronica Armena
Nepeta Mussini	Veronica Incana
Nierembergia Rivularis	*Veronica Repens
*Pachysandra Terminalis	Veronica Rupestris
*Phlox Amoena	Veronica Teucrium
*Phlox Divaricata Canadensis	*Vinca Minor
Phlox Subulata Lilacena	*Viola Jersey Gem
Phlox Subulata Rosea	*Violet Prince of Wales
Plumbago Larpentae	

Hardy Phlox

Antonin Mercie. White tinged lavender blue	1.25	10.00
Baron Von Dedem. Orange-scarlet. Large flowers and heavy trusses	1.00	8.00
Beacon. Cherry red. Vigorous grower.	.85	7.00
Bridesmaid. White. Crimson center	1.00	8.00
B. Comte. Wine purple, satiny sheen.	1.25	10.00
Champs Elysees. Dark redish purple	1.25	10.00
Europa. White, clear crimson eye	1.50	12.00

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

Hardy German Iris

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

The figures preceding the varieties are the exhibition rating given to them by the American Iris Society, 10 being the highest rating used in the judging.

9.2	Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.	Each 10	100
		\$0.60	\$ 4.00
8.1	Ariadne. 42 in. "S" silvery light blue; "F" deeper blue with violet base. Beautiful flower.	1.50	.....
7.4	Autumn King. 30 in. A large blue-purple bicolor. Flowers in the spring and again in the autumn.	2.00	15.00
	Autumn Queen. A white companion to the Autumn King.	\$0.30	2.50
9.0	Ballerine. Early. "S" light violet-blue; "F" deeper. Very fragrant. One of the best.	1.20	8.00
8.4	B. Y. Morrison. S. pale lavender violet; F. horizontal, velvety purple with lavender border.	.60	5.00
8.4	Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet.	1.00	8.00
8.4	Caroline E. Stringer. Large, delicate rose-flushed flowers of exceptional substance.	1.50	10.00
8.2	Chasseur. 36 inches. Very fine large flower of deep yellow, becoming lighter with age.	1.25	10.00
	Cinnabar. 42 inches. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape.	.30	2.50
	Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance.	.50	3.50
8.5	Crusader. "S" light blue; "F" deep violet-blue, with orange beard. Splendid color and form.	.60	5.00
9.3	Dolly Madison. 38 in. Best described as a Glorified Quaker Lady. Very fine large flowers.	.30	2.50
8.4	Dream. 36 inches. "S" and "F" soft clear pink. A beautiful Iris of Pallida type.	.50	3.00
8.0	Folkwang. 30 in. S. light rose-pink; F. Claret-red, edged rose-pink. Beautiful color blend.	1.25	.....
8.9	Freida Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.	.40	3.50
8.6	Gold Imperial. 33 inches. Chrome yellow throughout except for conspicuous orange beard.	1.00	6.00
8.3	Imperator. Very similar to Seminole, but duller in color and a taller grower.	1.00	8.00
	Labor. New. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.	.25	2.00
8.0	Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose.	.50	3.00
8.8	Leonato. 48 inches. "S" Pale lavender to silvery heliotrope; "F" slightly darker and expanded.	.20	1.50
8.8	Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.	.75	5.00
8.7	Magnifica. "S" light violet-blue; "F" dark reddish purple. Flowers extraordinarily large.	1.25	.....
8.4	Medrano. Late. "S" and "F" a beautiful dark, smoky, claret color. Very unusual effect.	.75	4.00
	Midgard. A yellow and pink blend of great beauty.	.35	.....
8.6	Mildred Presby. 32 in. S. white; F. rich, dark, velvety pansy-violet. Large flowers.	1.00	.....
8.8	Mill. Schwartz. 48 inches. Lovely pale mauve flowers of exceptionally large size.	.75	4.00
9.1	Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.	1.00	7.00
8.4	Mother of Pearl. 48 in. A pale bluish lavender flower of exceptional substance.	.50	3.00
9.2	Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers.	1.25	10.00
	Nebraska. 34 inches. Large flowers of rich apricot-yellow, Standards ruffled, falls striped and clouded brown.	3.00	.....
8.3	Ochracea. 30 inches. "S" dull old gold, finely arched; "F" coppery yellow, tinged with purple. Very sweet-scented and late.	.75	5.00
9.0	Princess Beatrice. Silvery lavender.	1.00	6.00
8.1	Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower.	.50	3.00
8.8	Queen Caterina. Pale lavender-violet, with orange beard; white haft, veined with bronze.	.50	3.00
9.1	Santa Barbara. 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls.	2.00	.....
8.4	Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises.	.50	3.00
9.2	Sir Michael 48 in. Considered by many the finest blue bicolor. S. opalescent lavender-blue. F. velvety-purple.	1.00	.....
9.3	Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple. Millet's best variety.	.60	4.00
8.5	Susan Bliss. 42 inches. Deep rose-pink.	.75	5.00
8.2	Taj Mahal. 36 in. A very fine pure white.	.75	6.00
8.8	Tenebrae. 36 in. A richly colored Dominion seedling S. violet-purple shaded maroon; F. black-purple.	1.50	10.00
8.9	Vesper Gold. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.	.75	6.00

Wambliska (White Eagle). 45 in. The largest and finest of the really hardy white Irises. "S" snowy glittering white tinted blue at the heart; "F" clear snow white with pale yellow beard.	Each 10	100
	\$1.75	.....
7.9 White Knight. 24 in. A beautiful snow-white Iris.	\$0.60	\$4.00
8.9 Wm. Mohr. 26 in. Large flower of great substance and perfect form. The ground color is pale lilac, the standards flushed darker, and the whole flower is beautifully veined manganese-violet.	.65	.....
Mixed.....	1,000, \$20.00	2.50

Price, any one kind of the following: 50c per 10; \$3.00 per 100; \$25.00 per 1000

Afterglow	Jeanne d'Arc	Quaker Lady
Alcazar	Junjata	Queen of May
Archeveque	Kalos	Raffet
Benbow	La Neige	Rhein Nixe
Caprice	Lent A. Williamson	Rosalba
Celeste	Lohengrin	Roseway
Cecil Minturn	Mme. Chobaut	Rotorua
Cluny	Moliere	Seminole
Corrida	Monsignor	Sherwin Wright
Dalila	Miranda	Sweet Lavender
Dejazet	Mrs. Hetty Matson	Troost
Edouard Michel	Mrs. Walter Brewster	Ute Chief
Empress of India	Neptune	W. J. Fryer
Iris King	Opera	Zwanenburg
Isoline	Prosper Laguier	

JAPANESE IRIS (Kaempferi)

Gold Bound. White with gold banded center. Double	Each 10	100
Early.....	\$1.50	\$12.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late.....	1.80	15.00
Kumo-No-Obi. (Band of Cloud.) A very full double, of pleasing lavender effect.....	1.50	12.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double.....	1.50	12.00
Mahogany. Velvety mahogany red. Double.....	1.80	15.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	1.50	12.00
Uchiu. Cerulean blue, veined white. Gold center. Double.....	1.50	12.00
Warai Hotei. Dark blue with light veins. Double.....	1.80	15.00
Zama-No-Mori. White, slightly shaded azure blue. A large and beautiful single.....	1.80	15.00
Mixed Seedlings.....	1000, \$50.00	.75 6.00

NEW JAPANESE IRIS

Bokhara. Single Phlox purple, yellow blotch in center edged blue. Wavy petals.....	\$0.50	.....
Chutsai. Single Hortense violet veined white. Inner petals phlox purple.....	.50	.....
Repsime. Double blue veined white.....	.50	.....
Sadarabad. Single white overcast with pale phlox pink.	.50	.....
Subotai. Single rosy-red. Very good.....	.50	.....
Temple Flower. Ivory white heavily blended with soft bluish-violet. Veined white. Inner petals white edged phlox pink.....	.50	.....
Violet Giant. Semi-double. Rich violet shading to rose. The largest Japanese iris we have ever seen.....	1.25	.....

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	1.25	10.00
Dorothy K. Williamson. A beautiful beardless iris with large velvety flowers of vivid purple.....	1.75	.....
Ochroleuca Gigantea. 60 in. Large ivory white flowers marked with yellow at the throat.....	.50	3.50
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.		
Cyanea. Rich royal purple. Fragrant.....	1.00	5.00
Dixmude. "S" analine blue; "F" rich crimson-purple.....	1.00	6.00
Orange Queen. Clear deep yellow with orange beard.....	1.20	8.00
White	1.00	8.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	1.00	8.00

SIBERIAN IRIS

Butterfly. 36 inches. Lovely porcelain blue.....	1.00	8.00
Emperor. Large flowers of deep violet-blue.....	1.20	8.00
Geo. Wallace. (Azure blue.) "F" marked white.....	.60	4.00
Orientalis. Rich, deep purple.....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.....	1.00	5.00
Snow Queen. Large ivory-white.....	1.20	8.00
Mixed.....	.50	3.00

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.

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 \$ 3.75 Per 1000 \$32.50
 3-inch pot plants 10.00 85.00

***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 3.75 32.50
 3-inch pot plants 10.00 85.00

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 3.75 32.50
 3-inch pot plants 10.00 85.00

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 4.50 40.00
 3-inch pot plants 12.00 100.00

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 4.50 40.00
 3-inch pot plants 10.00 85.00

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 4.50 40.00
 3-inch pot plants 12.00 100.00

DR. E. ACKERNECHT. 4 ft. Large flowers in a loose truss. Rich cerise pink flecked with deeper carmine. Petals broad and large. 3.00 27.50
 3-inch pot plants 10.00 85.00

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 4.50 40.00
 3-inch pot plants 12.00 100.00

GAIETY. 4 ft. Scarlet-orange mottled with Carmine and edged clear yellow. A handsome variety 3.00 27.50
 3-inch pot plants 10.00 85.00

KING MIDAS. 4 ft. Large flowers of glittering gamboge-yellow. Beautiful trusses on straight stems. Green foliage. 4.50 40.00
 3-inch pot plants 10.00 85.00



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

***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. Per 100 1000
 Dormant Roots \$3.00 \$25.00
 3-inch pot plants 10.00 85.00

Standard Varieties

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

DAVID HARUM. 3½ ft. Bronze foliage, vermilion-scarlet.
FLORENCE VAUGHAN (true stock). 5 ft. Yellow, spotted crimson.

***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.

***WINTZER'S COLOSSAL.** 5 ft. Green foliage. A striking vivid scarlet that retains its brilliancy.

***WYOMING.** 5 ft. Orange colored flowers; purplish flowers.

Price of each of above varieties except when noted.
 Dormant Roots \$ 3.00 Per 1000 \$25.00
 3-inch pot plants 10.00 85.00

* All marked * are Orchid-Flowering Varieties

PENNISETUM CUPREUM. Our new bronze Fountain Grass, will be in big demand for Canna beds. See page 47 for price and description.

Books on Florists' Problems

BOOKS. Kindly add 10c a book postage if your order is to go by parcel post.

Fritz Bahr's Commercial Floriculture. A practical manual for the retail grower. \$5.50

Garden Pools, Large and Small. By Ramsey and Lawrence. 41 illustrations. 122 pages. 2.50

Garden Guide. The Amateur Gardener's Handbook. 388 pages, 270 illustrations, 106 half-tones, 164 sketches. Paper, \$1.00. Cloth. 1.50

Gardening Under Glass. By F. F. Rockwell. Illustrated. 289 pages. 2.50

Hortus. By L. H. and Ethel Z. Bailey. A concise dictionary of gardening. 35 illustrations. 652 pages. 5.00

How to Grow Roses. By Robert Pyle, J. Horace McForland, L. H. D., G. A. Stevens. Illustrated. 209 pages. \$2.00

Landscaping the Home Grounds. By L. W. Ramsey. Illustrated. 170 pages. 2.00

The Book of Perennials. By Alfred C. Hottes. Illustrated. 272 pages. 2.00

Plant Propagation, Greenhouse and Nursery Practice. By M. G. Kains. 322 pages. Illustrated. 2.25

The Flower Shop. By Alex Laurie. Illustrated. 148 pages. 1.50

Rock Garden and Alpine Plants. By Henry Correvon. Illustrated. 544 pages. 3.00

Write for our more complete list of Garden Books.



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 Sept. 20.
- Cranfordia White. White. Matures Oct. 15.
- Eden. Bright rose. Matures Oct. 1.
- Firefly. Reddish bronze. Matures Oct. 10.
- Francis Whittlesey. Bronzy maroon. Matures Oct. 12.
- Idolf. Pale pink. Matures Oct. 6.
- Muriillo. Rose-pink. Matures Oct. 5.
- October Girl. Bright pink. Matures Oct. 5.
- Ruth Cumming. Terra cotta bronze. Matures Oct. 1.
- Ruth Hatton. Ivory white. Matures Oct. 10.
- Ruth Marion Hatton. Lemon yellow. Matures Oct. 10.
- Wolverine. Bright yellow. Matures Sept. 20.
- Yellow Normandie. Deep yellow. Matures Oct. 1.

Baby or Button Type

- Bessie Brown. Warm Chestnut brown. Matures Oct. 1.
- Metzi. Bronze. Matures Oct. 15.
- Skibo. Bronze. Matures Oct. 20.

All Hardy 2 1/4" Pots.....	\$1.25	Doz. 100	\$8.00	1000	\$75.00
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Greenhouse Varieties

Exhibition Types

	Rooted	Cuttings
	Per	Per
	100	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	Per
	100	1000
Antique. Mahogany bronze. Matures Thanksgiving.....	\$3.50	\$30.00
Betsy Ross. White. Matures Nov. 5.....	3.50	30.00
Citronella. Yellow. Matures Oct. 25.....	3.50	30.00
Detroit News. Bronze. Matures Oct. 25.....	3.50	30.00
Electra. Yellow tinged bronze. Matures Nov. 1.....	6.00	55.00
Friendly Rival. Bright yellow. Matures Thanksgiving.....	3.50	30.00
Gladys Pearson. Light bronze. Matures Nov. 20-30.....	3.50	30.00
Gold Lode. Yellow. Matures Oct. 1.....	3.50	30.00
Golden Pearson. Yellow. Thanksgiving.....	3.50	30.00
Hilda H. Bergen. Mahogany-bronze. Matures Oct. 25.....	3.50	30.00
Indianola. Bronze. Matures Oct. 8.....	3.50	30.00
J. W. Prince. Bright pink. Matures Nov. 1.....	3.50	30.00
Lustre. Pink. Matures Oct. 8.....	3.50	30.00
Mistletoe, Bronze. Bronze. Matures Dec.....	3.50	30.00
Mistletoe, Pink. Pink. Matures Dec.....	3.50	30.00
Mistletoe, White Imp. White. Matures Dec.....	3.50	30.00
Mistletoe, Yellow. Yellow. Matures Dec.....	3.50	30.00
Quaker Maid. White. Matures Oct. 5.....	3.50	30.00
Richmond. Yellow. Matures Nov. 1.....	3.50	30.00
Silver Dawn. White. Matures Oct. 20.....	3.50	30.00
Sun Glow. Yellow. Matures Oct. 25.....	3.50	30.00
Sun Gold. Yellow. Matures Thanksgiving.....	3.50	30.00
Thanksgiving Pink. Dark pink. Matures Thanksgiving.....	3.50	30.00
Tom Browne. White. Matures Nov. 20-30.....	3.50	30.00
White Distinction. White. Matures Thanksgiving.....	3.50	30.00
Whittier. Yellow. Matures Nov. 15.....	3.50	30.00

Pompons

	Per	Per
	100	1000
Adelphia. White. Matures Oct. 15.....	\$3.50	\$30.00
Adironda. Golden bronze. Matures Oct. 15.....	3.50	30.00
Alecia. Bronze. Matures Oct. 30.....	3.50	30.00
Amos. Bronze. Matures Nov. 10.....	3.50	30.00
Chicago Pearl. White. Matures for Thanksgiving.....	3.50	30.00
Christmas Gold. Bright yellow button. Matures Dec. 1.....	3.50	30.00
Clorinda. Bronze. Matures for Thanksgiving.....	3.50	30.00
Cora Peck Buhl. Yellow. Matures Oct. 25.....	3.50	30.00
Cordova. White. Matures for Thanksgiving.....	3.50	30.00
Dorothy Turner. Bronze. Matures for Thanksgiving.....	3.50	30.00
Dream (Pink). Matures for Thanksgiving.....	3.50	30.00
Frank Wilcox, Jr. Bronze button. Matures for Thanksgiving.....	3.50	30.00
Garza Supreme (Anemone). White. Matures late Dec.....	3.50	30.00
Garza Supreme (Anemone). Yellow. Matures late Dec.....	3.50	30.00
Gold Tips. Bronze and yellow. Matures for Thanksgiving.....	3.50	30.00
Golden Sceptre. Bright Yellow, 2 in. in diameter. Matures Nov. 25.....	3.50	30.00
Hilda Canning. Bronze button. Matures Nov. 15.....	3.50	30.00
Ida. Yellow button. Matures Oct. 20.....	3.50	30.00
Iridescent. Gold and pink. Matures Oct. 15.....	3.50	30.00
Izola (Anemone). Amaranth. Matures Nov. 1.....	3.50	30.00
Jewell. Bright pink. Matures Oct. 10.....	5.00	40.00
Jola. Red. Matures Thanksgiving.....	3.50	30.00
Legal Tender. Bronze and gold. Matures Nov. 20.....	3.50	30.00
Louise Davenport. Bronze. Matures Nov. 10.....	3.50	30.00
Mrs. Beu. Bronze. Matures for Thanksgiving.....	3.50	30.00
Mrs. E. D. Godfrey (Single). Light pink. Matures for Thanksgiving.....	3.50	30.00
Murray Hill Beauty (Single). Old Rose. Matures for Thanksgiving.....	3.50	30.00
New York. Bronze. Matures Nov. 15.....	3.50	30.00
Norma (Anemone). Orchid pink. Matures Nov. 10-Dec. 1.....	3.50	30.00
Pagosa. Dark pink. Matures Dec. 5.....	3.50	30.00
Rodell. Yellow button. Matures Oct. 20.....	3.50	30.00
Sunshine (Anemone). Yellow. Matures for Thanksgiving.....	3.50	30.00
Yellow Bird. Yellow. Matures Nov. 18.....	3.50	30.00
White Wings. White. Matures Oct. 10.....	3.50	30.00
Yuletide Yellow. Yellow. Matures about Dec. 10.....	3.50	30.00
Yuletide White. White. Matures Dec. 10.....	3.50	30.00

Pot Plant Varieties

- Butler's Caprice. Deep pink. Matures Oct. 20.
- Eileen Masson. Dark rose. Single. Matures Oct. 20.
- Improved Yellow Caprice. Yellow. Matures Nov. 15.
- Kathleen 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. 15-20.

	Doz.	Per	Per
	100	1000	1000
All Pot Plant Varieties—Rooted Cuttings.....	\$0.75	\$4.00	\$35.00
All Pot Plant Varieties—2 1/4 in. Pots.....	1.00	6.50	55.00

Vaughan's Roses for Florists

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

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

Five or more of one variety takes the 10 rate.

Twenty-five or more of one variety takes the 100 rate.

Packing extra at cost.

Choice Hybrid Tea Roses

AUTUMN. Medium-sized buds and cupped double flowers of novel coloring, burnt orange streaked with red. Each, 60c; 10, \$5.00.

EDITH NELLIE PERKINS. Buds long and pointed, petals cream and blush and salmon pink shaded to golden orange at base. Robust grower and produces flowers in abundance. Each, 45c; 10, \$4.00; 100, \$35.00.

E. G. HILL. Long, perfectly formed buds and full double flowers of dazzling scarlet. Each, 45c; 10, \$4.00; 100, \$35.00.

ETOILE DE HOLLAND. A brilliant dark red rose of magnificent size and perfect form; very fragrant. One of the finest for garden planting. Each, 45c; 10, \$4.00; 100, \$35.00.

JOANNA HILL. A new yellow rose with an orange heart. Large, long pointed buds on long, strong stems; vigorous. Considered by many the best yellow rose yet introduced. Each, 45c; 10, \$4.00; 100, \$35.00.

MARGARET MCGREADY. One of the most magnificent Roses. Flowers are large, quite double, and in color a glorious shade of brilliant orange scarlet. Each, 40c; 10, \$3.50; 100, \$30.00.

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. Each, 40c; 10, \$3.50; 100, \$30.00.

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. Each, 40c; 10, \$3.50; 100, \$30.00.

MRS. LOVELL SWISHER. Long shapely buds and magnificent flowers of salmon-pink deepening toward the center. Delightfully tea-scented. Each, 40c; per 10, \$3.50; per 100, \$30.00.

OLYMPIAD. A brilliant new red rose of indescribable beauty. Very large, handsome buds and large flowers of lustrous, dark oriental scarlet, its depth accentuated by a bright golden base. Each, 60c; 10, \$5.00.

PRESIDENT HERBERT HOOVER. A lovely blending of orange yellow, flame, vivid rose-pink and scarlet. Each, 45c; 10, \$4.00; 100, \$35.00.

TALISMAN. A remarkable blending of gold, apricot, yellow, deep pink and old rose. Each, 40c; 10, \$3.50; 100, \$30.00.

New Patented Varieties

These "Patented Plants" are being handled under license from the patent owners.

COMTESSE VANDAL. (U. S. Plant Patent No. 38.) The sensation of the 1931 foreign Rose shows. Long pointed bud of bronze, copper salmon and gold; open bloom large, often over 5 inches across; perfumed. Long stems for cutting. Each, \$1.25; 10, \$10.00.

MARY HART. (A Red Talisman.) (U. S. Plant Patent No. 8.) Maroon-red buds, opening to well formed, velvety, blood-red blossoms. A unique sport of Talisman and a strong grower. Each, \$1.25; 10, \$10.00.

MRS. J. D. EISELE. (The Perfumed Rose.) (U. S. Plant Patent No. 67.) Big, richly scented blooms of cherry rose color with scarlet glow and delicate silvery veining in petals. Flowers abundantly all summer and fall, producing large well formed blooms. Richly fragrant. Each, \$1.00; doz., \$12.00.

SOUVENIR. (U. S. Patent No. 25.) A golden Talisman of great beauty, with all the qualities of Talisman from which it sported. Best of its many yellow sports. Each, 75c; 10, \$5.50.

POT GROWN ROSES

From May 1st on we can supply practically all varieties on this page from 5 inch pots, in leaf and in bud, at reasonable prices. We shall be glad to quote on any quantity.



DAME EDITH HELEN

Standard Varieties

PRICES of the following: Each, 35c; 10, \$3.00; 100, \$28.00.

DAME EDITH HELEN. Large, perfectly shaped rose of clear pink. Sweet scented and freely produced on long, strong stems.

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.

MME. BUTTERFLY. A glorified sport of Ophelia with all the colors of Ophelia intensified, making it a harmony of bright pink, apricot and gold.

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."

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

XXX Forcing Grade

Prices, except where noted,

Each, 35c; 10, \$3.00; 100, \$28.00.

CECILE BRUNNER. (The Sweetheart Rose.) The charm of this variety is in its beautifully proportioned buds and half open flowers. Soft rosy pink on a background of creamy white.

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

ECHO. Pale pink double clusters in great profusion; not unlike Baby Tausendschoen but a stronger grower.

GLORIA MUNDI. New. Rather large, double, lasting flowers of glowing orange-scarlet, borne in clusters. An abundant bloomer. Each, 40c; 10, \$3.50; 100, \$33.00.

GOLDEN SALMON. Bright Orange-Salmon flowers in huge clusters. Blooms continuously.

GRUSS AN AACHEN. Orange-red and yellow buds, and large light flesh-pink and salmon-yellow flowers with deeper center, fading lighter; very double. Strong branching plant and continually in bloom.

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.

TRIOMPHE ORLEANAIS. Brilliant cherry-red, lasting in color; blooms profusely in trusses; vigorous and erect with bright glossy green foliage. Considered the finest of the light red Polyanthas.

Hardy Hybrid Perpetual Roses

Price of the following, except where noted, 2-year dormant, field-grown plants: No. 1, each, 35c; 10, \$3.00; 100, \$25.00.

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

GEN. JACQUEMINOT. Bright and shining crimson.

GEORGE AHRENDTS. Pure soft pink.

MAGNA CHARTA. Very double bright pink.

MRS. JOHN LAING. Bright, shining pink.

PAUL NEYRON. Deep rose.

ULRICH BRUNNER. Cherry crimson.

Standard or Tree Roses

We can offer the following varieties on heavy straight stems, 36 to 40 inches high. **Dame Edith Helen**, **Frau Karl Druschki**, **Gruss and Teplitz**, **Red Radiance** and **Talisman**. Price, \$2.00 each.

Climbing Roses

Prices, except where noted, Each, 30c; 10, \$2.50; 100, \$20.00.

AMERICAN PILLAR. Large single flowers of clear pink with white eye, borne in immense clusters.

CHAPLIN'S PINK CLIMBER. Resembles the Paul's Scarlet Climber except for its color which is a vivid, pure pink with a tuft of yellow stamens. Makes a glorious show. Each, 40c; 10, \$3.00; 100, \$25.00.

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

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

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

DOROTHY PERKINS. The best of the pink ramblers. Each, 30c; 10, \$2.00; 100, \$16.00. 3-yr., 35c; 10, \$2.50; 100, \$20.00.

EUGENE JACQUET. Almost every eye produces a handsome truss of fragrant, cherry-red flowers. It flowers a week earlier than Tausendschoen or Roserie. Each, 30c; 10, \$2.00; 100, \$16.00.

EXCELSA. Deep crimson and scarlet, large full trusses. Each, 30c; 10, \$2.00; 100, \$16.00. 3-yr., 35c; 10, \$2.50; 100, \$20.00.

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

MME. GREGOIRE STAEHELIN. A new variety with beautiful flowers of an enormous size and in color an iridescent pearl-pink, splashed with carmine. Delightfully fragrant. Hardy vigorous grower with large disease-resistant foliage. Each, 35c; 10, \$3.00; 100, \$25.00.

PAUL'S SCARLET CLIMBER. No rose in any class can compare with this one 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.

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.

WHITE DOROTHY. The counterpart of the Pink Dorothy Perkins, except color, being pure white. Each, 30c; 10, \$2.00; 100, \$16.00.

New Patented Climbing Roses

These "Patented Plants" are being handled under license from the patent owners.

BLAZE. (U. S. Patent No. 10.) A new hardy climbing Rose which inherits the blazing color in Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both its parents. Each, \$1.50; 10, \$12.50; 100, \$100.00.

GOLDEN CLIMBER. (MRS. ARTHUR CURTISS JAMES.) U. S. Plant Patent No. 28. A yellow climbing Rose with many new features: extreme hardness, blooms of Hybrid Tea type and quality, lasting color, and long stems. The buds are long pointed, rich gold with splashes of orange-scarlet, and open into magnificent semi-double flowers 4 to 5 inches in diameter. Blooms recurrent. Each, \$1.50; 10, \$12.50; 100, \$100.00.

THE NEW DAWN. (U. S. Patent No. 1.) A sport from Dr. Van Fleet that is identical in every way with its parent in size, color, etc., but blooms continuously throughout the summer and fall months. Two-year dormant. Each, \$1.25; 10, \$10.00.

Ornamental and Flowering Shrubs



CYDONIA JAPONICA



ROSE Daphne



DWARF BURNING BUSH

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

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

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

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

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

	Each	10	100
ACANTHOPANAX Pentaphyllum. 2 to 3 ft.	\$0.20	\$1.20	\$10.00
3 to 4 ft.	.25	2.00	15.00
ALMOND, See Prunus glandulosa.			
ALTHAEA, See Hibiscus.			
AMELANCHIER Canadensis. 3 to 4 ft.	.35	3.00	.....
ARALIA Spinosa. See Trees.			
ARONIA Arbutifolia. 2 to 3 ft.	.40	3.00	25.00
3 to 4 ft.	.50	4.00	35.00
Melanocarpa Nigra. 18 to 24 in.	.25	2.00	15.00
2 to 3 ft.	.30	2.50	20.00
AZALEA Kaempferi (Torch A.). 15 to 18 in., B. & B.	2.00	.....	.....
Mollis (Chinese Azalea). 15 to 18 in., B. & B.	1.25	11.50	.....
18 to 24 in., B. & B.	1.75	15.00	.....
BERBERIS. Thunbergii. 12 to 18 in., bushy	.....	1.00	7.00
18 to 24 in., bushy	.....	.15	1.25
2 to 2½ ft.	.....	.30	2.00
Thunbergii Atropurpurea. 15 to 18 in.	.....	.30	2.00
18 to 24 in.	.....	.35	2.50
24 to 30 in.	.....	.40	3.00
Thunbergii Nana. 10 to 12 in.	.....	.25	1.50
12 to 15 in.	.....	.30	2.00
BUDDLEIA Alternifolia. 2-year.	.....	.30	2.50
Davidi Magnifica. 2-year.	.....	.30	2.00
Farquhari. 2-year.	.....	.30	2.50
Ile de France. 2-year.	.....	.50	4.00
CALYCANTHUS Floridus. (Sweet Shrub) 18 to 24 in.	.....	.25	1.50
CARAGANA Arborescens. 2 to 3 ft.	.....	.20	1.20
3 to 4 ft.	.....	.25	1.50
4 to 5 ft.	.....	.30	2.00
5 to 6 ft.	.....	.35	2.50
CEPHALANTHUS Occidentalis. (Button Bush.)	.....	.20	1.50
2 to 3 ft.	.....	.30	2.00
3 to 4 ft.	.....	.30	2.00
CHIONANTHUS Virginica. 2 to 3 ft.	.....	.60	5.00
CLETHRA Alnifolia. 18 to 24 in.	.....	.35	2.50
CORNUS Alba Sibirica (Coral Dogwood).	.....	.20	1.20
2 to 3 ft.	.....	.25	1.50
3 to 4 ft.	.....	.30	2.00
4 to 5 ft.	.....	.30	2.00
Alternifolia (Pagoda Dogwood). 2 to 3 ft.	.....	.35	2.50
3 to 4 ft.	.....	.40	3.00
Amomum, (Silky Dogwood).	.....	.20	1.20
2 to 3 ft.	.....	.25	1.50
3 to 4 ft.	.....	.25	1.50
4 to 5 ft.	.....	.30	2.00
Florida Rubra. See page 56	.....	
Kousa (Kousa Dogwood). 2 to 3 ft.	.....	.65	5.00
Mas Aureo Elegantissima. (Variegated Cornelian Cherry.) 2 to 3 ft.	.....	.40	3.00
3 to 4 ft.	.....	.50	4.00
Paniculata. 3 to 4 ft.	.....	.40	3.00
Sanguinea (Bloodtwig Dogwood). 2 to 3 ft.	.....	.30	2.00
3 to 4 ft.	.....	.40	3.00
Stolonifera Flaviramea. (Goldentwig Dogwood).	.....	.20	1.20
2 to 3 ft.	.....	.25	1.50
3 to 4 ft.	.....	.25	1.50
COTONEASTER Acutifolia. 18 to 24 in.	.....	.20	1.50
2 to 3 ft.	.....	.25	2.00
3 to 4 ft.	.....	.35	2.50
4 to 5 ft.	.....	.40	3.00
Dielsiana. 2 to 3 ft., B. & B.	.....	.40	3.00

	Each	10	100
COTONEASTER—Continued			
Divaricata, 2 to 3 ft.	\$0.30	\$2.00	\$15.00
3 to 4 ft.	.40	3.00	20.00
Horizontalis. 12 to 15 in., B. & B.	.50	4.00	35.00
15 to 18 in., B. & B.	.60	5.00	40.00
Racemiflora Soongarica. 18 to 24 in., B. & B.	.40	3.00	.....
2 to 3 ft., B. & B.	.50	4.00	.....
CRAB, See Malus, page 56.			
CRATAEGUS. See page 56.			
CYDONIA Japonica. 2 to 3 ft.	.25	1.75	12.00
3 to 4 ft.	.30	2.00	15.00
DAPHNE Cneorum. 8 to 10 in., B. & B.	.60	5.00	.....
10 to 12 in., B. & B.	.75	7.00	.....
Mezerium (February D.). 12 to 15 in., B. & B.	.90	7.50	.....
15 to 18 in., B. & B.	1.00	9.00	.....
DEUTZIA Gracilis, 12 to 18 in.	.25	1.50	12.00
Lemoinei. 18 to 24 in.	.25	1.50	10.00
Pride of Rochester. 2 to 3 ft.	.20	1.20	8.00
3 to 4 ft.	.25	1.50	12.00
ELAEAGNUS Angustifolia (Russian Olive). 3 to 4 ft.	.30	2.00	15.00
4 to 5 ft.	.35	2.50	20.00
Umbellata (Autumn E.). 3 to 4 ft.	.40	3.00	20.00
ELSHOLTZIA Stauntoni. (Heathermint). 18 to 24 in.	.40	3.50	.....
EUONYMUS Alatus (Burning Bush). 2 to 3 ft.	.35	2.50	20.00
3 to 4 ft.	.50	4.00	35.00
4 to 5 ft., specimens.	1.50	12.50	.....
Alatus Compacta. 12 to 18 in.	.40	3.00	25.00
18 to 24 in.	.50	4.00	30.00
Europaeus. (European Burning Bush). 3 to 4 ft.	.25	2.00	15.00
4 to 5 ft.	.30	2.50	20.00
5 to 6 ft.	.35	3.00	25.00
EUONYMUS. (Winter Creeper).			
Radicans. 2-year.	.40	3.00	20.00
3-year.	.50	4.00	.....
Radicans Colorata. (Bronze Winter Creeper) Foliage bright red during the winter months. 2-year.	.30	2.50	20.00
3-year.	.40	3.00	25.00
4-year.	.50	4.00	35.00
Radicans Minimus. (Baby Wintercreeper.) 3-in. pots.	.40	3.00	25.00
Radicans Vegetus. (Bigleaf Wintercreeper.) A trailing evergreen vine with large leaves. Excellent as a ground-cover and for use with evergreens. Orange-scarlet berries in Fall. 2-year.	.40	3.00	20.00
3-year.	.50	3.50	25.00
EXOCHORDA Grandiflora. 3 to 4 ft.	.35	3.00	20.00
4 to 5 ft.	.40	3.50	30.00
FORSYTHIA Intermedia. 2 to 3 ft.	.15	1.00	8.00
3 to 4 ft.	.20	1.50	10.00
4 to 5 ft.	.25	2.00	15.00
Intermedia Spectabilis. 2 to 3 ft.	.20	1.50	12.00
3 to 4 ft.	.30	2.00	15.00
4 to 5 ft.	.35	2.50	20.00
Suspensa Fortunei. 2 to 3 ft.	.20	1.50	10.00
3 to 4 ft.	.25	1.80	12.00
4 to 5 ft.	.30	2.00	15.00
HALESIA Tetraptera (Great Silverbell). 2 to 3 ft.	.50	4.00	30.00
3 to 4 ft.	.60	5.00	.....
HAMAMELIS Virginica (Witch Hazel). 2 to 3 ft.	.40	3.00	25.00
Vernalis. 2 to 3 ft.	.75	6.00	.....
3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.25	.....	.....
5 to 6 ft., specimens, B. & B.	2.00	.....	.....

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.



RUGOSA ROSE Grootendorst



RHODOTYPOS Kerrioides

	Each	10	100
HIBISCUS Syriacus. (Rose of Sharon), (Althaea) Double Purple, Pink, Red or White. 3 to 4 ft.	\$0.30	\$2.00	\$18.00
HYDRANGEA Arborescens Grandiflora. 2-year. ....	.25	1.50	10.00
3-year. ....	.30	1.80	12.00
Paniculata Grandiflora. 2-year. ....	.25	1.50	12.00
3-year. ....	.30	2.00	15.00
Tree Form. Stem 3 to 4 ft. ....	.50	4.50	.....
Quercifolia. (Oakleaf H.). 18 to 24 in. ....	.40	3.50	.....
2 to 3 ft. ....	.50	4.00	.....
ILEX Verticillata. (Common Winterberry). 18 to 24 in. ....	.30	2.50	20.00
2 to 3 ft. ....	.40	3.50	25.00
3 to 4 ft. ....	.50	4.50	35.00
KALMIA Latifolia (Mountain Laurel). 18 to 24 in., B. & B.	2.00	.....	.....
KERRIA Japonica fl. pl. 18 to 24 in. ....	.40	3.00	.....
KOLKWTZIA Amabilis. 18 to 24 in., extra bushy. ....	.25	1.80	15.00
2 to 3 ft., extra bushy. ....	.30	2.00	18.00
3 to 4 ft., extra bushy. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	.....
4 to 5 ft. specimens, B. & B.	1.50	12.50	.....
LESPEDEZA Bicolor. (Shrub Bush Clover). 2-year. ....	.30	2.00	.....
LIGUSTRUM Amurense (Amoor Privet, North). 18 to 24 in., 4 canes and up.	1,000, \$40.00	.60	5.00
2 to 3 ft., heavy, 6 canes and up.	1,000, 50.00	1.00	6.00
3 to 4 ft., 8 canes and up.	1,000, 70.00	1.20	8.00
Iboliun, 2 to 3 ft., 6 canes and up.	1,000, 50.00	1.00	6.00
3 to 4 ft., 8 canes and up.	1,000, 70.00	1.20	8.00
Ibota. 2 to 3 ft., heavy.	1,000, 50.00	1.00	6.00
3 to 4 ft., heavy.	1,000, 70.00	1.20	8.00
Lodense. 2-year, 12 to 15 in. ....	.25	1.80	12.00
LILAC, See Syringa.			
LONICERA (Bush Honeysuckle). Bella Albida. 3 to 4 ft.	1,000, \$100.00	.25	1.50
4 to 5 ft.	1,000, 120.00	.30	2.00
5 to 6 ft.	1,000, 150.00	.40	3.00
Korolkowi Floribunda. 2 to 3 ft. ....	.35	2.50	20.00
3 to 4 ft. ....	.40	3.50	25.00
4 to 5 ft. ....	.50	4.00	30.00
Maackii Podocarpa. (Late Honeysuckle). 2 to 3 ft. ....	.35	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	35.00
Morrowii. (Prostrate Type). 2 to 3 ft. ....	.20	1.20	10.00
3 to 4 ft. ....	.25	1.50	12.00
4 to 5 ft. ....	.30	2.00	15.00
Ruprechtiana. 2 to 3 ft. ....	.20	1.50	8.00
3 to 4 ft., bushy. ....	.25	1.50	12.00
4 to 5 ft. ....	.30	2.00	15.00
5 to 6 ft. ....	.35	2.50	20.00
Tatarica Alba. 3 to 4 ft. ....	.25	1.50	12.00
4 to 5 ft. ....	.30	2.00	15.00
Tatarica Rosea. 2 to 3 ft. ....	.20	1.00	8.00
3 to 4 ft. ....	.25	1.50	12.00
4 to 5 ft. ....	.30	2.50	15.00
MAHONIA Aquifolium (Oregon Hollygrape). 12 to 15 in., B. & B. ....	.40	3.50	30.00
15 to 18 in., B. & B. ....	.50	4.00	35.00
18 to 24 in., B. & B. ....	.75	6.00	50.00
2 to 2½ ft., B. & B.	1.00	9.00	75.00
2½ to 3 ft., B. & B.	1.25	11.00	100.00
MORUS Alba Tatarica (Russian Mulberry). 3 to 4 ft. ....	.20	1.50	12.00
4 to 5 ft. ....	.30	2.00	.....
PHILADELPHUS Avalanche (Syringa). 18 to 24 in. ....	.20	1.50	10.00
2 to 3 ft. ....	.25	1.80	12.00
3 to 4 ft. ....	.30	2.00	15.00
Bouquet Blanc. 2 to 3 ft. ....	.35	2.50	15.00
3 to 4 ft. ....	.40	3.00	20.00
Coronarius. 3 to 4 ft. ....	.20	1.50	10.00
4 to 5 ft. ....	.25	2.00	15.00
5 to 6 ft. ....	.30	2.50	18.00
Coronarius Aureus. Golden. 12 to 18 in. ....	.30	2.50	20.00
Dame Blanche. 18 to 24 in. ....	.30	2.00	15.00
2 to 3 ft. ....	.40	3.00	20.00
Favorite. 2 to 3 ft. ....	.30	2.50	18.00
3 to 4 ft. ....	.40	3.00	20.00
Glacier. 2 to 3 ft. ....	.30	2.00	15.00
3 to 4 ft. ....	.40	3.00	20.00
Grandiflorus. 3 to 4 ft. ....	.20	1.50	10.00
4 to 5 ft. ....	.25	2.00	15.00
5 to 6 ft. ....	.30	2.50	18.00
Lemoinei. 2 to 3 ft. ....	.25	1.50	12.00
3 to 4 ft. ....	.30	2.00	15.00

	Each	10	100
PHILADELPHUS—Continued Mont Blanc. 3 to 4 ft.	\$0.35	\$2.50	\$20.00
4 to 5 ft. ....	.40	3.00	25.00
Nivalis. 3 to 4 ft. ....	.25	1.50	10.00
4 to 5 ft. ....	.30	2.00	15.00
Norma. 2 to 3 ft. ....	.30	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.45	3.50	30.00
Ophelia. 3 to 4 ft. ....	.40	3.00	25.00
Pyramidal. 2 to 3 ft. ....	.35	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	4.00	30.00
Virginal. 2 to 3 ft. ....	.30	2.00	15.00
3 to 4 ft. ....	.35	2.50	18.00
4 to 5 ft. ....	.50	4.00	30.00
4 to 5 ft. specimens. ....	.90	.....	.....
PHYSCARPUS Monogynus. (Dwarf Ninebark). 18 to 24 in. ....	.30	2.00	15.00
24 to 30 in. ....	.35	2.50	20.00
Opulifolius (Common Ninebark). 3 to 4 ft. ....	.25	1.80	12.00
4 to 5 ft. ....	.30	2.00	15.00
5 to 6 ft. ....	.35	2.50	20.00
Opulifolius Aureus (Goldenleaf Ninebark). 3 to 4 ft. ....	.25	1.80	12.00
4 to 5 ft. ....	.30	2.00	15.00
5 to 6 ft. ....	.35	2.50	20.00
PIERIS Floribunda (Lily-of-the-Valley Shrub). 15 to 18 in., B. & B.	2.00	.....	.....
POTENTILLA Fruticosa. (Shrubby Cinquefoil). 18 to 24 in. ....	.30	2.50	20.00
PRUNUS Glandulosa (Flowering Almond). Albiplena (Double White) 2 to 3 ft. ....	.40	3.50	30.00
3 to 4 ft. ....	.50	4.00	35.00
Sinensis (Double Pink) 2 to 3 ft. ....	.40	3.50	30.00
3 to 4 ft. ....	.50	4.00	35.00
Blicreana (Double-Flowered Purple-Leaved Plum). 3 to 4 ft. ....	.60	5.00	.....
Pissardi (Purple-leaved Plum). 3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	3.50	30.00
5 to 6 ft. ....	.60	4.50	40.00
6 to 8 ft., specimens.	1.25	10.00	.....
Newport. (Purple-leaved). 3 to 4 ft. ....	.40	3.00	25.00
4 to 5 ft. ....	.50	3.50	30.00
5 to 6 ft. ....	.60	4.50	40.00
Triloba. 3 to 4 ft. ....	.50	3.50	30.00
4 to 5 ft. ....	.60	4.50	40.00
4 to 5 ft. specimens, B. & B.	\$4.50	5.00	.....
Tomentosum (Nanking Cherry). 3 to 4 ft. ....	.25	2.00	15.00
4 to 5 ft. ....	.35	3.00	20.00
5 to 6 ft. ....	.45	3.50	30.00
PYRACANTHA Coccinea Lalandi (Firethorn). 18 to 24 in., B. & B.	1.25	10.00	.....
2 to 2½ ft., B. & B.	1.50	12.50	.....
3 ft. specimens, B. & B.	2.50	.....	.....
RHAMNUS Cathartica (Buck Thorn). 2 to 3 ft. ....	.20	1.50	10.00
3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	18.00
5 to 6 ft. ....	.40	3.00	20.00
Frangula. 2 to 3 ft. ....	.20	1.50	10.00
3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	20.00
RHODOENDRON Carolinianum. 18 to 24 in., B. & B. 2.75	.....	.....	.....
Catawbiense. 2 to 2½ ft., B. & B.	3.00	.....	.....
Maximum (Rosebay R.). 2 to 2½ ft., B. & B.	3.00	.....	.....
RHODOTYPOS Kerrioides. 18 to 24 in. ....	.15	1.20	8.00
2 to 3 ft. ....	.20	1.50	10.00
3 to 4 ft. ....	.25	1.80	12.00
RHUS Canadensis. 18 to 24 in. ....	.25	2.00	18.00
2 to 3 ft. ....	.30	2.50	20.00
3 to 4 ft. ....	.40	3.00	25.00
Cotinus (Smoke Tree). 2 to 3 ft. ....	.40	3.00	25.00
Glabra (Smooth Sumac). 4 to 5 ft. ....	.25	2.00	18.00
Glabra Laciniata (Cut-leaf Sumac). 3 to 4 ft. ....	.40	3.00	25.00
Typhina Laciniata (Cut-leaved). 2 to 3 ft. ....	.30	2.00	18.00
3 to 4 ft. ....	.35	2.50	20.00
4 to 5 ft. ....	.40	3.00	25.00
ROSA Dr. E. M. Mills. 2-year. ....	.40	3.00	25.00
Harrison Yellow. 2-year. ....	.30	2.50	20.00
Hugonis. 2-year. ....	.35	2.50	20.00
3-year. ....	.40	3.00	25.00
4-year. ....	.50	4.00	35.00
Multiflora Japonica. 2-year. ....	.35	2.50	20.00
Rubiginosa (Sweetbriar). 2-year. ....	.30	2.50	20.00
Rugosa Agnes. 2-year. ....	.40	3.50	30.00
3-year. ....	.50	4.00	35.00
Rugosa Alba. 3-year. ....	.35	2.50	20.00
Rugosa Belle Poitevine. 2-year. ....	.35	2.50	20.00
3-year. ....	.40	3.00	25.00
Rugosa Blanche de Coubert. 2-year. ....	.35	2.50	20.00
Rugosa C. F. Meyer. 2-year. ....	.30	2.00	18.00
3-year. ....	.40	3.00	25.00
Rugosa Dr. Eckener. 2-year. ....	.50	4.50	40.00
Rugosa F. J. Grootendorst. 2-year. ....	.35	2.50	20.00
3-year. ....	.40	3.00	25.00
Rugosa Hansa. 2-year. ....	.30	2.00	15.00
3-year. ....	.35	2.50	20.00
Rugosa Pink Grootendorst. 2-year. ....	.35	2.50	20.00
3-year. ....	.40	3.00	25.00
Rugosa Rubra. 2-year. ....	.30	2.00	15.00
3-year. ....	.40	3.00	25.00
Rugosa Sir Thos. Lipton. 2-year. ....	.30	2.00	15.00
3-year. ....	.40	3.00	25.00
Setigera. 2-year. ....	.25	1.50	12.00
Wichuriana (Memorial Rose). 2-year. ....	.30	2.00	15.00
SALIX Discolor (Pussy Willow). 3 to 4 ft. ....	.25	1.50	10.00
4 to 5 ft. ....	.30	2.00	15.00
5 to 6 ft. ....	.40	3.00	20.00
SAMBUCUS Nigra Laciniata (Cutleaved European Elder). 3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	20.00
Nigra Aurea. 2 to 3 ft. ....	.25	1.50	10.00
3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	18.00
Pubens (Scarlet Elder). 3 to 4 ft. ....	.30	2.00	15.00
4 to 5 ft. ....	.35	2.50	20.00

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

	Each	10	100
SORBARIA Sorbifolia. (Ural False Spiraea.) 2 to 3 ft.	\$0.30	\$2.00	\$15.00
3 to 4 ft. . . . .	.35	2.50	20.00
SPIRAEA Arguta Multiflora. 18 to 24 in. . . . .	.20	1.50	10.00
24 to 30 in. . . . .	.25	1.50	12.00
2½ to 3 ft. . . . .	.30	2.00	15.00
3 to 4 ft. . . . .	.35	2.50	20.00
Billardii. 3 to 4 ft. . . . .	.20	1.50	12.00
4 to 5 ft. . . . .	.25	2.00	15.00
Bumalda Anthony Waterer. 12 to 18 in. . . . .	.25	1.50	10.00
18 to 24 in. . . . .	.30	2.00	15.00
Froebeli. 18 to 24 in. . . . .	.20	1.20	10.00
24 to 30 in. . . . .	.25	1.50	12.00
Japonica Ovalifolia. (White Japanese S.) 18 to 24 in. . . . .	.25	2.00	15.00
Latifolia. 3 to 4 ft. . . . .	.30	2.00	12.00
4 to 5 ft. . . . .	.35	2.50	15.00
Prunifolia fl. pl. 2 to 3 ft. . . . .	.30	2.00	16.00
3 to 4 ft. . . . .	.40	3.00	25.00
Thunbergii 18 to 24 in. . . . .	.20	1.50	10.00
24 to 30 in. . . . .	.25	2.00	12.00
Van Houttei (Bridal Wreath.)			
2 to 3 ft., bushy . . . . .	.15	1.00	6.00
3 to 4 ft., bushy . . . . .	.25	1.50	10.00
4 to 5 ft. . . . .	.30	2.00	12.00
STEPHANANDRA Flexuosa. 18 to 24 in. . . . .	.30	2.00	15.00
SYMPHORICARPOS (Snowberry.)			
Chenaulti (New.) 3 to 4 ft. . . . .	.30	2.50	20.00
Racemosus. 2 to 3 ft., bushy . . . . .	.20	1.50	10.00
3 to 4 ft., bushy . . . . .	.30	2.00	12.00
Vulgaris (Indian Currant.) 2 to 3 ft. . . . .	.25	1.50	10.00
3 to 4 ft. . . . .	.30	1.80	12.00
SYRINGA (Lilac.) Japonica. 4 to 5 ft. . . . .	.50	4.00	35.00
5 to 6 ft. . . . .	.70	6.00	50.00
Josikaea. 2 to 3 ft. . . . .	.30	2.00	15.00
3 to 4 ft. . . . .	.40	3.00	20.00
4 to 5 ft. . . . .	.50	4.00	30.00
Persian Purple. 2 to 3 ft. . . . .	.20	1.50	10.00
3 to 4 ft. . . . .	.30	2.00	15.00
4 to 5 ft. . . . .	.40	3.00	20.00
Villosa. 3 to 4 ft. . . . .	.35	2.50	20.00
4 to 5 ft. . . . .	.40	3.00	25.00
5 to 6 ft. . . . .	.50	4.00	30.00
Vulgaris Alba. 2 to 3 ft. . . . .	.35	3.00	20.00
3 to 4 ft. . . . .	.40	3.00	25.00
4 to 5 ft. . . . .	.50	4.00	30.00
Vulgaris Purpurea. 2 to 3 ft. . . . .	.25	1.50	12.00
3 to 4 ft. . . . .	.30	2.00	15.00
4 to 5 ft. . . . .	.35	2.50	20.00
5 to 6 ft. . . . .	.50	4.00	30.00
NAMED FRENCH VARIETIES.			
Charles Joly, Charles X., Hugo Koster, Ludwig Spaeth, Mad. Lemoine, Mad. Cassimir Perier, Marie Legraye, Michael Buchner and Pres. Grevy.			
2 to 3 ft. . . . .	.30	2.50	20.00
3 to 4 ft. . . . .	.40	3.00	25.00
4 to 5 ft. . . . .	.50	4.50	40.00
5 to 6 ft. . . . .	.60	5.50	50.00
NEW AND RARE LILACS. * (Early Lilacs, Syringa Giraldi.)			
Berryer*, Buffton*, Claude Bernard*, Deschartes*, Edouard Andre, Jean Mace, Louvois, Maechal Lannes, Mirabeau*, Montaigne, Pres. Loubet.			
2 to 3 ft. . . . .	.50	3.50	30.00
3 to 4 ft. . . . .	.60	4.50	40.00
Berryer*, Claude Bernard*, Deschartes*, Edouard Andre, Jean Mace, Louvois, Mirabeau*, Montaigne, Pascal, Vauban*, 4 to 5 ft.	.70	6.00	50.00
Claude Bernard*, Jean Mace, Louvois, Montaigne. 4 to 5 ft., specimens.	1.75	.....	.....
Jan Van Tol. 2 to 3 ft. . . . .	.60	5.00	40.00
Katherine Havemeyer, Mrs. Edward Harding, Pres. Poincare. 2 to 3 ft. . . . .	.75	.....	.....
Leon Gambetta, Pres. Fallieres. 2 to 3 ft. . . . .	.60	5.00	.....
3 to 4 ft. . . . .	.75	6.00	.....
TAMARIX Africana. 3 to 4 ft. . . . .	.25	2.00	15.00
4 to 5 ft. . . . .	.30	2.50	20.00
Amurensis. (Amur. T.) 3 to 4 ft. . . . .	.25	2.00	15.00
4 to 5 ft. . . . .	.30	2.50	20.00
Chinensis. (Chinese T.) 3 to 4 ft. . . . .	.30	2.50	20.00
Hispida Aestivalis. 3 to 4 ft. . . . .	.30	2.50	20.00
4 to 5 ft. . . . .	.35	3.00	25.00
VIBURNUM. Carlesi. (Fragrant V.) 18 to 24 in., B. & B.	1.25	10.00	.....
18 to 24 in., not B. & B. . . . .	.90	7.50	.....
24 to 30 in., B. & B.	1.75	15.00	.....
2½ to 3 ft., specimens, B. & B.	3.00	.....	.....
Dentatum. 2 to 3 ft. . . . .	.20	1.50	12.00
3 to 4 ft. . . . .	.25	2.00	15.00
4 to 5 ft. . . . .	.30	2.50	20.00
Fragrans. 2 to 3 ft., B. & B.	2.00	.....	.....
3 to 4 ft., B. & B.	3.50	.....	.....
Lantana. 2 to 3 ft. . . . .	.25	2.00	15.00
3 to 4 ft. . . . .	.30	2.50	20.00
4 to 5 ft. . . . .	.40	3.00	25.00
Lentago. 3 to 4 ft. . . . .	.30	2.50	.....
Opulus. 2 to 3 ft. . . . .	.25	1.80	15.00
3 to 4 ft. . . . .	.30	2.00	18.00
4 to 5 ft. . . . .	.35	3.00	20.00
5 to 6 ft. . . . .	.40	3.50	25.00
5 to 6 ft. specimens.	2.00	.....	.....
Opulus Nanum. 10 to 12 in. . . . .	.50	4.00	.....
Opulus Sterile. 2 to 3 ft. . . . .	.30	2.00	15.00
3 to 4 ft. . . . .	.35	2.50	20.00
4 to 5 ft. . . . .	.40	3.00	25.00
Sargentii. (Sargent Cranberrybush) 3 to 4 ft. . . . .	.35	2.50	20.00
VITEX Macrophylla. 2 to 3 ft. . . . .	.50	4.00	.....
WEIGELIA Abel Carriere. 2 to 3 ft. . . . .	.30	2.00	.....
3 to 4 ft. . . . .	.35	2.50	.....
Candida. 2 to 3 ft. . . . .	.30	2.00	15.00
3 to 4 ft. . . . .	.35	2.50	20.00
Eva Rathke. 2 to 3 ft. . . . .	.35	2.50	20.00
Floribunda. 2 to 3 ft. . . . .	.30	2.00	18.00
Nana Variegata. 2 to 3 ft. . . . .	.30	2.00	.....
Rosa. 2 to 3 ft. . . . .	.25	2.00	15.00
3 to 4 ft. . . . .	.30	2.00	18.00



SNOWBERRY
(Symphoricarpos Racemosus)



PUSSY WILLOW
(Salix Discolor)

Hardy Vines

AKEBIA Quinata. A beautiful Japanese vine with Each unique foliage and chocolate-purple flowers. 2-year.	\$0.25	\$1.80	\$15.00
AMPELOPSIS Engelmannii. A hardy and quick-growing, self-clinging vine. 2-year. . . . .	.20	1.20	10.00
Heterophylla. Ornamental, heart-shaped leaves; turquoise blue berries in fall. 2-year. . . . .	.30	2.00	15.00
4-year. . . . .	.40	3.00	.....
Quinquefolia (Woodbine.) A good native vine valued for its bright crimson foliage in fall. 2-year. . . . .	.20	1.50	10.00
Veitchii (Boston Ivy.) The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed. 2-year, medium. . . . .	.....	1.20	10.00
2-year, No. 1 . . . . .	.....	1.70	14.00
3-year, No. 1 . . . . .	.35	2.50	20.00
ARISTOLOCHIA Siph. (Dutchman's Pipe.) Very large, dark green heart-shaped leaves. 2-year. . . . .	.50	4.00	30.00
BIGNONIA Radicans. Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year. . . . .	.25	2.00	15.00
CELASTRUS. Hardy climbers, with orange-cupuled fruit in autumn			
Scandens (American Bittersweet.) 2-year. . . . .	.25	2.00	15.00
CLEMATIS—Coccinea. Bell-shaped flowers of bright coral-red. . . . .	.35	2.00	16.00
Crispa. Flowers deep blue with white border. . . . .	.35	2.00	16.00
Montana Rubens. Rosy-pink, Anemone-like flowers 2-year. . . . .	.40	3.50	30.00
CLEMATIS—Small-Flowering Paniculata. The finest small-flowered Clematis. Pure white, deliciously fragrant flowers, September. 2-year. . . . .	.30	2.50	15.00
3-year. . . . .	.35	3.00	20.00
CLEMATIS—Large-Flowering:			
Henryi. Finest large single white. 2-year. . . . .	.50	4.00	35.00
Jackmanii. The popular dark, rich royal purple. . . . .	.50	4.00	35.00
Mad. Ed. Andre. Large deep wine-red. . . . .	.50	4.00	35.00
Ville de Paris. (New.) Bright blue.	1.00	.....	.....
HEDERA Helix Gracilis—Small-leaved Hardy English Ivy. . . . . .	.40	3.50	.....
LONICERA—Honeysuckle, Heckrottii. Flowers dark red and creamy yellow. 2-year. . . . .	.40	3.50	30.00
3-year. . . . .	.50	4.00	35.00
Japonica Aurea Reticulata. Foliage spotted bright yellow; flowers creamy white. 2-year. . . . .	.25	1.50	12.00
3-year. . . . .	.30	2.00	.....
Japonica Halliana (Hall's Japanese.) Very fragrant pure white flowers changing to yellow. 2-year. . . . .	.25	1.50	12.00
3-year. . . . .	.30	2.00	18.00
Sempervirens (Scarlet Trumpet.) Fuchsia-like scarlet flowers. 2-year. . . . .	.25	2.00	15.00
3-year. . . . .	.30	2.50	18.00
LYCIUM Barbarum (Matrimony Vine.) Of trailing habit. Attractive red berries in autumn. 2-year. . . . .	.25	1.50	10.00
POLYGONUM Auberti. Fast growing vine producing foamy masses of white flowers in late summer. 2-year. . . . .	.40	3.50	30.00
PUERARIA Thunbergiana. (Kudzu Vine.) No. 1. . . . .	.30	2.00	12.00
WISTERIA Magnifica. Vigorous grower; purple-lilac flowers 2-year. . . . .	.30	2.00	15.00
3-year. . . . .	.35	2.50	18.00
4-year. . . . .	.50	3.50	25.00
Multijuga Pink. 2-year grafts.	1.00	7.50	.....
Sinensis Alba. Pure white flowers. 2-year grafts. . . . .	.40	3.50	30.00
Sinensis Purpurea. Flowers sky-blue. 2-year grafts. . . . .	.40	3.50	30.00
Sinensis Purpurea—Tree Form or Standards. 4 to 5 ft. stems, B. & B.	2.25	.....	.....

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

Ornamental and Shade Trees

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

	Each	10	100
ACER Dasycarpum (Silver Maple.)			
8 to 10 ft., 3/4 to 1 in. caliper	\$0.40	\$ 3.00	\$20.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.50	4.00	30.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.60	4.50	40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.75	6.00	50.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.00	9.00	75.00
12 to 14 ft., 2 to 2 1/2 in. caliper	1.25	11.50	100.00
12 to 14 ft., 2 1/2 to 3 in. caliper	1.75	15.00	125.00
12 to 14 ft., 3 to 3 1/2 in. caliper	2.25	20.00	...
Dasycarpum Wieri (Wier Maple.) 8 to 10 ft.			
1 to 1 1/4 in. caliper	.75	6.50	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.00	9.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50	100.00
10 to 12 ft., 1 3/4 to 2 in. caliper	2.00	17.50	150.00
12 to 14 ft., 2 to 2 1/2 in. caliper	2.50	22.50	...
Ginnala (Amur Maple.) 3 to 4 ft.	.60	5.00	40.00
4 to 5 ft.	.70	6.00	50.00
5 to 6 ft.	.90	8.00	70.00
6 to 8 ft.	1.25	11.00	100.00
Platanum Atrypurpureum (Red leaved Japanese Maple.) 18 to 24 in.	1.50	...	...
2 to 2 1/2 ft. B. & B.	2.50	...	...
Platanoides (Norway Maple.)			
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.50	12.50	...
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.75	15.00	...
10 to 12 ft., 1 3/4 to 2 in. caliper	2.25	20.00	...
12 to 14 ft., 2 to 2 1/4 in. caliper	3.00	27.50	...
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper	4.00	37.50	...
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper	5.00	47.50	...
12 to 14 ft., 2 3/4 to 3 in. caliper	6.00	57.50	...
14 to 16 ft., 3 in. caliper	7.50	70.00	...
14 to 16 ft., 3 1/2 in. caliper	9.00	...	...
14 to 16 ft., 4 in. caliper	12.00	...	...
Write for prices on larger sizes.			
Platanoides Globsum (Globe Maple.) 6 ft.	3.50	...	...
Platanoides Schwedleri (Schwedler Maple.)			
6 to 8 ft., 3/4 to 1 in. caliper	1.75	12.50	...
8 to 10 ft., 1 1/4 in. caliper	2.00	17.50	...
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	2.25	20.00	...
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	3.25	30.00	...
10 to 12 ft., 1 3/4 to 2 in. caliper	4.00	37.50	...
Skinner's Cut-Leaved.			
8 to 10 ft., 1 to 1 1/2 in. caliper	1.00	9.00	75.00
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	90.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50	...
AESCULUS Hippocastanum (Horse Chestnut.) 4 to 5 ft.	.90	7.50	...
5 to 6 ft.	1.15	10.00	...
5 to 6 ft.	1.40	12.50	...
AILANTHUS Glandulosa (Tree of Heaven.) 4 to 5 ft.	.40	3.00	25.00
5 to 6 ft.	.50	4.00	30.00
6 to 8 ft.	.60	5.00	40.00
ARALIA Spinosa (Devil's Walkingstick.) 3 to 4 ft.	.30	2.50	20.00
4 to 5 ft.	.40	3.50	30.00
5 to 6 ft.	.50	4.00	...
BETULA (Cut-Leaved Weeping Birch.) 8 to 10 ft.	2.00	15.00	...
CATALPA Speciosa. 10 to 12 ft., 1 1/2 to 2 in. caliper	.75	6.50	50.00
12 to 14 ft., 2 to 2 1/2 in. caliper	1.00	7.50	60.00
CELTIS Occidentalis. 8 to 10 ft., 1 to 1 1/4 in.	.75	6.00	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in.	1.00	8.50	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.50	12.50	...
CERCIS Canadensis (American Redbud.) 4 to 5 ft.	.50	4.00	...
CHERRY, Japanese—(See Prunus.)			
CORNUS Florida Rubra. (Red Flowering Dogwood.)			
2 to 3 ft. B. & B.	1.25	10.00	...
3 to 4 ft. B. & B.	1.50	12.50	...
CRATAEGUS (Hawthorn.)			
Arnoldiana. 6 to 8 ft.	1.50	12.50	...
6 to 8 ft., specimens	2.00	...	...
Coccinea. 4 to 5 ft.	.90	7.50	...
5 to 6 ft.	1.25	10.00	...
6 to 8 ft.	1.50	12.50	...
6 to 8 ft., specimens	2.00	...	...
Cordata. 4 to 5 ft.	.90	7.50	...
5 to 6 ft.	1.25	10.00	...
6 to 8 ft.	1.50	12.50	...
6 to 8 ft., specimens	2.50	...	...
Crusgalli. 3 to 4 ft.	.75	6.00	50.00
4 to 5 ft.	.90	7.50	...
5 to 6 ft.	1.25	10.00	...
6 to 8 ft.	1.50	12.50	...
Oxyacantha (English Hawthorn.) 3 to 4 ft.	.60	5.00	40.00
4 to 5 ft.	.90	7.50	...
5 to 6 ft.	1.00	8.50	75.00
6 to 8 ft.	1.25	10.00	90.00
Oxyacantha Alba Plena. 4 to 5 ft.	1.25	10.00	...
5 to 6 ft.	1.50	12.50	...
Oxyacantha Splendens. (Paul's Dbl. Scarlet Hawthorn.) 3 to 4 ft.	.90	7.50	...
4 to 5 ft.	1.00	9.00	...
5 to 6 ft.	1.50	12.50	...
5 to 6 ft., specimens	3.00	...	...
FAGUS Sylvatica Riversi (River's Purple Beech.) 2 to 3 ft. B. & B.	3.00	...	...
GLEDITSIA Triacanthos Inermis (Thornless Honey Locust.) 8 to 10 ft., 1 to 1 1/4 in. caliper	.75	6.50	...
8 to 10 in., 1 1/4 to 1 1/2 in. caliper	1.00	9.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.25	10.00	90.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.50	11.50	...
12 to 14 ft., 2 to 2 1/2 in. caliper	2.00	...	...
JUGLANS Nigra (Black Walnut.) 5 to 6 ft.	.75	6.00	50.00
6 to 8 ft.	1.00	7.50	60.00
8 to 10 ft.	1.25	10.00	...
Sieboldi (Japanese Walnut.) 5 to 6 ft.	.75	6.00	...
6 to 7 ft.	1.00	7.50	...
LIRIODENDRON Tulipifera. (Tuliptree.) 6 to 8 ft.	1.00	7.50	...



WEeping CHERRY

	Each	10	100
MAGNOLIA Soulangeana. 2 to 3 ft., B. & B.	\$3.00	...	...
3 to 4 ft. B. & B.	4.00	...	...
4 to 5 ft. B. & B.	7.50	...	...
5 to 6 ft., specimens, B. & B.	10.00 to 15.00	...	...
Stellata (Halleana) (Star M.) 18 to 24 in. B. & B.	4.00	...	...
2 to 3 ft., B. & B.	5.00	...	...
MALUS (Flowering Crab Apples.)			
Atrosanguinea, Baccata, Coronaria, Floribunda, Niedzwetzkyana, Sargenti, Scheideckeri and Spectabilis. 3 to 4 ft.	.50	\$4.00	\$30.00
4 to 5 ft.	.65	5.00	40.00
5 to 6 ft.	.90	7.50	60.00
6 to 8 ft.	1.50	12.50	...
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab.)			
3 to 4 ft.	.65	5.00	40.00
4 to 5 ft.	.90	7.50	60.00
5 to 6 ft.	1.25	10.00	90.00
6 ft. specimens	5.00	...	...
Sieboldi (Toringo Crab.) 4 to 5 ft.	.75	6.00	50.00
5 to 6 ft.	1.00	8.50	75.00
5 to 6 ft., specimens	2.50	...	...
MORUS Alba Pendula (Weeping Mulberry.) The most popular of the small Weeping Trees.			
5 to 6 ft., 3-year heads	1.75	15.00	...
5 to 6 ft. specimens, 3-year heads	3.00	...	...
6 to 7 ft., 3-year heads	2.00	17.50	...
PLATANUS Occidentalis (American Planetree.)			
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	1.25	11.00	...
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	1.75	15.00	...
10 to 12 ft., 1 3/4 to 2 in. caliper	2.50	22.50	...
POPULUS Bolleana (Bolleana Poplar.)			
8 to 10 ft., 1 to 1 1/4 in. caliper	.60	5.00	40.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.75	6.00	50.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	65.00
10 to 12 ft., 1 3/4 to 2 in. caliper	1.25	10.00	90.00
12 to 14 ft., 2 to 2 1/2 in. caliper	1.50	12.50	...
Eugeni (Carolina Poplar.) One of the most rapid growing of all shade trees.			
8 to 10 ft., 1 to 1 1/4 in. caliper	.40	3.00	20.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.50	4.00	25.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.65	5.00	30.00
12 to 14 ft., 1 3/4 to 2 in. caliper	.75	5.00	40.00
12 to 14 ft., 2 to 2 1/2 in. caliper	1.00	7.50	65.00
12 to 14 ft., 2 1/2 to 3 in. caliper	1.25	10.00	...
Nigra Italica (Lombardy Poplar.) A valuable tree for landscape work and screens. Our trees are very fine, being branched from the ground. 6 to 8 ft.	.40	3.00	20.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.50	3.50	25.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.65	4.00	30.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.75	6.00	50.00
Simoni Fastigiata (Narrow Simon Poplar.)			
6 to 8 ft.	.40	3.00	20.00
8 to 10 ft., 1 to 1 1/4 in. caliper	.50	4.00	30.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper	.65	5.00	40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper	.90	7.50	...
PRUNUS Japanese Flowering Cherries.			
Fujizan (Mt. Fuji), Hisakura (Ichiyo), Kwanzan (Sekizan) and Sieboldi (Naden.) 4 to 5 ft.	1.25	10.00	...
5 to 6 ft.	2.00	17.50	...
5 to 6 ft. specimens	3.50	...	...
6 to 7 ft. specimens	6.00	...	...
7 to 8 ft. specimens, B. & B.	10.00	...	...
Yedoensis (Yoshino.) 4 to 5 ft.	1.00	9.00	...
5 to 6 ft.	1.75	15.00	...
6 to 8 ft.	2.50	20.00	...
7 to 8 ft. specimens, B. & B.	10.00	...	...
PRUNUS, Japanese Weeping Cherry, Single Pink Flowering.			
5 to 6 ft. stems, 3-year heads	2.50	...	...
6 to 7 ft. stems, 3-year heads specimens	4.00	...	...
Double Pink Flowering. 5 to 6 ft. stems, 1-yr.	2.50	22.50	...
PRUNUS Padus. 5 to 6 ft.	.90	7.50	...
6 to 8 ft.	1.00	9.00	75.00

Ornamental and Shade Trees—Continued

	Each	10	100
PTELEA Trifoliata (Hoptree). 4 to 5 ft.	\$0.50	\$4.00	\$35.00
5 to 6 ft. ....	.60	5.00	40.00
QUERCUS Palustris (Pin Oak). 5 to 6 ft.	1.25	10.00	75.00
6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.50	22.50	.....
8 to 10 ft., 1 1/2 to 1 3/4 in. caliper.	3.00	27.50	.....
8 to 10 ft., 1 3/4 to 2 in. caliper.	3.50	32.50	.....
Rubra (Red Oak). 5 to 6 ft.	1.25	10.00	.....
6 to 8 ft.	1.75	15.00	.....
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	2.50	22.50	.....
SALIX Babylonica (Babylon Weeping Willow).			
6 to 8 ft. ....	.50	4.00	35.00
8 to 10 ft., 1 to 1 1/4 in. caliper. ....	.75	6.50	55.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.00	9.00	75.00
Blanda (Wisconsin Weeping Willow). 6 to 8 ft. ....	.50	4.00	35.00
8 to 10 ft., 1 to 1 1/4 in. caliper. ....	.75	6.50	55.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.00	9.00	75.00
Petandra (Laurel Willow). 4 to 5 ft. ....	.25	2.00	15.00
5 to 6 ft. ....	.35	2.50	20.00
6 to 8 ft. ....	.50	4.00	30.00
Vitellina Britzensis (Bronze Golden Willow).			
4 to 5 ft. ....	.30	2.00	12.00
5 to 6 ft. ....	.35	2.50	15.00
6 to 8 ft. ....	.50	3.50	25.00
SORBUS Aucuparia (European Mountain Ash).			
6 to 8 ft. ....	.50	4.00	35.00
8 to 10 ft., 1 to 1 1/4 in. caliper. ....	.90	7.50	60.00
8 to 10 ft., 1 1/4 to 1 1/2 in.	1.00	9.00	80.00
10 to 12 ft., 1 1/2 to 1 3/4 in.	1.50	14.00	125.00
TILIA Americana (American Linden).			
6 to 8 ft.	1.25	10.00	.....
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.35	12.50	.....
ULMUS Americana (American Elm). 8 to 10 ft.,			
1 to 1 1/4 in. caliper. ....	.50	4.00	30.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper. ....	.60	5.00	40.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.00	9.00	75.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.50	12.50	115.00
10 to 12 ft., 2 to 2 1/4 in. caliper.	2.00	17.50	150.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	2.50	20.00	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	3.00	25.00	.....

	Each	10	100
ULMUS Americana (American Elm). —Continued.			
12 to 14 ft., 2 3/4 to 3 in. caliper.	\$3.50	\$30.00	.....
12 to 14 ft., 3 to 3 1/2 in. caliper.	4.00	35.00	.....
Americana Molini (Moline Elm). 6 to 8 ft. ....	.65	5.00	\$40.00
8 to 10 ft., 1 to 1 1/4 in. caliper. ....	.75	6.50	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.00	9.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.75	15.00	135.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	2.00	17.50	160.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	2.50	22.50	200.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	3.00	30.00	.....
12 to 14 ft., 2 3/4 to 3 in. caliper.	3.50	35.00	.....
14 to 16 ft., 3 to 3 1/2 in.	4.50	40.00	.....
3 to 3 1/2 in. specimens.	10.00	.....	.....
3 1/2 to 4 in. specimens.	15.00	.....	.....
4 to 4 1/2 in. specimens.	25.00	.....	.....
Americana Urni (Vase-Shaped Elm).			
8 to 10 ft., 1 to 1 1/4 in. caliper. ....	.75	6.50	50.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.00	9.00	75.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.75	15.00	135.00
12 to 14 ft., 2 to 2 1/4 in. caliper.	2.00	17.50	160.00
12 to 14 ft., 2 1/4 to 2 1/2 in. caliper.	2.50	22.50	200.00
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	3.00	30.00	.....
12 to 14 ft., 2 3/4 to 3 in. caliper.	3.50	40.00	.....
3 to 3 1/2 in. caliper.	6.50	60.00	.....
3 to 3 1/2 in. caliper, specimens.	10.00	.....	.....
3 1/2 to 4 in. caliper, specimens.	15.00	.....	.....
4 to 4 1/2 in. caliper, specimens.	25.00	.....	.....
Campestris (English Elm). 10 to 12 ft., 1 1/2 to 1 3/4			
in. caliper.	2.00	17.50	.....
10 to 12 ft., 1 3/4 to 2 in. caliper.	3.00	27.50	.....
Pumila (Chinese Elm). 6 to 8 ft. ....	.75	6.50	50.00
8 to 10 ft., 1 to 1 1/4 in. caliper.	1.00	9.00	75.00
8 to 10 ft., 1 1/4 to 1 1/2 in. caliper.	1.25	11.50	100.00
10 to 12 ft., 1 1/2 to 1 3/4 in. caliper.	1.50	12.50	100.00
10 to 12 ft., 1 3/4 to 2 in. caliper.	1.75	15.00	135.00
10 to 12 ft., 2 to 2 1/4 in. caliper.	2.00	17.50	.....
10 to 12 ft., 2 1/4 to 2 1/2 in. caliper.	2.50	22.50	.....
12 to 14 ft., 2 1/2 to 2 3/4 in. caliper.	3.00	30.00	.....
12 to 14 ft., 2 3/4 to 3 in. caliper.	3.50	35.00	.....
3 to 3 1/2 in. caliper.	6.50	.....	.....
3 1/2 to 4 in. caliper, specimens.	15.00	.....	.....

Vaughan's Evergreens

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

ABIES Concolor (White Fir). Forms a compact symmetrical tree of blue green foliage.	Each	10
2 to 2 1/2 ft.	\$2.50	\$22.50
2 1/2 to 3 ft.	3.50	32.50
3 to 3 1/2 ft.	4.50	42.50
3 1/2 to 4 ft.	5.50	50.00
JUNIPERUS Canadensis (Canadian Juniper). Of low-spreading irregular form with foliage of blue-green.		
18 to 24 in. ....	.90	7.50
2 to 2 1/2 ft.	1.00	9.00
2 1/2 to 3 ft.	1.75	15.00
Chinensis Pfitzeriana (Pfitzer Juniper). One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.		
18 to 24 in. spread.	Per 100, \$ 90.00	1.25
24 to 30 in. spread.	Per 100, 150.00	2.00
2 1/2 to 3 ft. spread.	Per 100, 225.00	2.75
3 to 3 1/2 ft. spread.	3.50	32.50
3 1/2 to 4 ft. spread.	4.75	45.00
4 to 4 1/2 ft. spread.	6.00	57.50
4 1/2 to 5 ft.	6.50	60.00
4 1/2 to 5 ft., specimens.	10.00	.....
5 to 6 ft.	8.50	80.00
5 to 6 ft. specimens.	15.00	.....
Chinensis Procumbens. Long trailing branches; foliage glaucous green. 12 to 18 in.	1.50	12.50
24 to 30 in. spread.	3.00	27.00
2 1/2 to 3 ft. spread.	4.00	37.50
3 to 3 1/2 ft. spread.	5.00	47.50
Chinensis Pyramidalis Green (Column Chinese Juniper). Narrow pyramidal growth with green foliage. 2 to 2 1/2 ft.	1.75	15.00
2 1/2 to 3 ft.	2.25	20.00
3 to 3 1/2 ft.	3.00	27.50
Communis Depressa (Prostrate Juniper). Of low spreading, irregular form with gray-green foliage. 12 to 18 in. ....	.65	6.00
18 to 24 in. spread. ....	.90	7.50
24 to 30 in. spread.	1.00	9.00
2 1/2 to 3 ft. spread.	1.75	15.00
Communis Suecica (Swedish Juniper). Upright pyramidal form; bluish green foliage.		
24 to 30 in.	1.25	10.00
2 1/2 to 3 ft.	1.75	15.00
3 to 3 1/2 ft.	2.25	20.00
Sabina (Savin Juniper). Dark green foliage. Spreading, semi-erect branches. 12 to 18 in. ....	.75	6.50
18 to 24 in.	1.25	10.00
Sabina Prostrata Horizontalis. Light green foliage. Low-spreading branches that form a dense mat over the ground.		
18 to 24 in. spread.	1.75	15.00
24 to 30 in. spread.	2.25	20.00
2 1/2 to 3 ft. spread.	2.50	22.50
3 to 4 ft., specimens.	5.00	.....
Sabina Prostrata Horizontalis Glauca. Like the above, but with distinct steel-blue foliage. 18 to 24 in. spread.	2.00	17.50
24 to 30 in.	2.50	22.50
2 1/2 to 3 ft. spread.	3.00	27.50
3 to 3 1/2 ft. specimens.	5.00	.....

Virginia (Red Cedar). Tall-growing, of dense conical habit. Foliage dark green, bronze in winter.	Each	10
2 to 2 1/2 ft.	Per 100, \$ 50.00	\$0.75
3 ft.	Per 100, 60.00	.90
3 1/2 ft.	Per 100, 100.00	1.50
4 ft.	Per 100, 125.00	2.00
4 1/2 to 5 ft.	Per 100, 200.00	2.50
5 to 5 1/2 ft.	Per 100, 250.00	3.00
5 1/2 to 6 ft.	Per 100, 300.00	3.50
6 to 7 ft.	Per 100, 350.00	4.50
7 to 8 ft.	Per 100, 500.00	6.50
8 to 10 ft.	Per 100, 750.00	7.50
Virginia Cannarti (Cannart Red Cedar). Rich, deep green foliage, heavily tufted. 24 to 30 in.	1.75	15.00
2 1/2 to 3 ft.	2.25	20.00
3 to 3 1/2 ft.	3.00	27.50
3 1/2 to 4 ft.	3.50	32.50
4 to 4 1/2 ft.	4.00	37.50
4 1/2 to 5 ft.	4.50	42.50
Virginia Elegantissima (Goldentips Red Cedar). New foliage tipped with gold. 4 1/2 ft.	6.00	.....
Virginia Glauca (Silver Red Cedar). A form of the Red Cedar with silvery tinged foliage. 24 to 30 in.	1.75	15.00
2 1/2 to 3 ft.	2.25	20.00
3 to 3 1/2 ft.	3.00	27.50
3 1/2 to 4 ft.	3.50	32.50
4 to 4 1/2 ft.	4.00	37.50
4 1/2 to 5 ft.	4.50	42.50
5 to 5 1/2 ft.	5.00	47.50
5 1/2 to 6 ft.	5.75	55.00
6 to 6 1/2 ft.	6.75	65.00
6 1/2 to 7 ft.	7.75	75.00
Virginia Schotti (Schott Red Cedar). Fresh green foliage that does not change in winter. 24 to 30 in.	1.75	15.00
2 1/2 to 3 ft.	2.25	20.00
3 to 3 1/2 ft.	3.00	27.50
3 1/2 to 4 ft.	3.50	32.50
4 to 4 1/2 ft.	4.00	37.50
PICEA Canadensis Albertina. (Black Hill Spruce). A very hardy, compact-growing spruce with dark green foliage.		
2 ft.	Per 100, \$90.00	1.25
2 1/2 ft.	Per 100, 125.00	1.75
3 ft.	Per 100, 150.00	2.00
3 1/2 ft.	2.50	22.50
4 ft.	3.25	30.00
4 1/2 ft.	4.00	37.50
5 ft.	5.00	.....
Excelsa (Norway Spruce). 12 to 18 in. not		
B. & B.	Per 100, 15.00	.25
18 to 24 in.	Per 100, 40.00	.50
2 to 2 1/2 ft.	Per 100, 60.00	.90
2 1/2 to 3 ft.	Per 100, 75.00	1.00
3 to 3 1/2 ft.	Per 100, 90.00	1.25
3 1/2 to 4 ft.	Per 100, 125.00	1.75
4 ft.	Per 100, 150.00	2.00
Pungens (Colorado Green Spruce). Bluish green foliage.		
12 to 18 in.	Per 100, 35.00	.50
18 to 24 in.	Per 100, 60.00	.90
2 to 2 1/2 ft.	Per 100, 75.00	1.00
2 1/2 to 3 ft.	Per 100, 135.00	1.50
3 to 3 1/2 ft.	Per 100, 160.00	2.00

Vaughan's Evergreens—Continued

PICEA Pungens—Continued		Each	10
3½ to 4 ft.	Per 100, \$250.00	\$3.00	\$27.50
4 to 4½ ft.		3.25	30.00
4½ to 5 ft.		4.50	40.00
5 to 5½ ft.		5.00	47.50
6 to 7 ft.		7.00	.....
Pungens Glauca (Colorado Blue Spruce). Selected blue form of the above. 18 to 24 in.		2.00	17.50
2 ft.		2.75	25.00
2½ ft.		3.50	32.50
3 ft.		5.00	50.00
3½ ft.		7.00	67.50
4 ft.		9.00	87.50
4½ ft.		10.00	.....
5 ft.		15.00	.....
6 ft.		20.00	.....
Pungens Moerheimi (Moerheim Blue Spruce). Foliage of bright intense blue, grown from grafts. Superior to the Koster Blue Spruce. 18 in.		3.00	.....
2 ft.		4.50	.....
2½ ft.		7.50	.....
3 ft.		10.00	.....
3½ ft.		12.50	.....
4 ft.		15.00	.....
4½ ft.		18.50	.....
5 ft.		23.50	.....
5½ ft.		26.50	.....
6 ft.		30.00	.....
6½ ft.		35.00	.....
PINUS Montana Mughus (Mugho Pine). A low-growing round topped evergreen; fine for rock planting and foundation work.			
10 to 12 in.	Per 100, \$35.00	.50	4.00
12 to 15 in.	Per 100, 50.00	.75	6.50
15 to 18 in.	Per 100, 90.00	1.25	10.00
18 to 24 in.	Per 100, 115.00	1.50	12.50
2 to 2½ ft.		2.00	17.50
2½ ft.		2.75	25.00
3 ft.		3.75	35.00
3½ ft.		4.75	.....
Nigra (Austrian Pine). A robust, stately tree of rapid growth, and very hardy. 24 to 30 in.		.90	7.50
2½ to 3 ft.		1.00	9.00
4 to 5 ft.		3.00	27.50
5 to 6 ft.		4.50	40.00
Sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish green foliage.			
24 to 30 in.	Per 100, \$ 65.00	.90	7.50
2½ to 3 ft.	Per 100, 75.00	1.00	9.00
3 to 3½ ft.	Per 100, 90.00	1.25	10.00
3½ to 4 ft.	Per 100, 115.00	1.50	12.50
4 to 4½ ft.	Per 100, 150.00	2.50	20.00
4½ to 5 ft.	Per 100, 200.00	2.75	22.50
5 to 6 ft.	Per 100, 225.00	3.00	25.00
6 to 7 ft.		4.00	35.00
7 to 8 ft.		5.00	45.00
PSEUDOTSUGA Douglasi (Douglas Fir). Foliage dark bluish green. Very hardy. 2½ ft.		2.00	17.50
3 ft.		2.25	20.00
3½ ft.		2.75	25.00
RETINOSPORA Plumosa. Of dense, conical habit. Soft, feathery, light green foliage. 18 to 24 in.		Per 100, \$60.00	.90 7.50
24 to 30 in.		1.25	10.00
2½ to 3 ft.		1.50	12.50
3 to 3½ ft.		2.25	20.00
TAXUS cuspidata (Japanese Yew). In growth close, upright and spreading, with dark green foliage. Very hardy. 18 to 24 in.		1.75	15.00
2 ft.		2.50	22.50
2½ ft.		3.25	30.00
3 ft.		4.50	42.50
3½ ft.		6.50	60.00
4 ft.		10.00	95.00
4½ to 5 ft., specimens.		15.00	.....
Cuspidata Brevifolia (Dwarf Japanese Yew). Spreading branches with short, deep rich green leaves; of dwarf bushy habit. 10 to 12 in.		2.25	20.00
12 to 15 in.		3.00	.....
18 in.		4.00	.....
18 in., specimens.		\$7.50 to 10.00	.....
THUJA Occidentalis (American Arborvitae).			
18 to 24 in.	Per 100, \$ 35.00	.50	4.00
24 to 30 in.	Per 100, 50.00	.75	6.00
2½ to 3 ft.	Per 100, 60.00	.90	7.50
3 to 3½ ft.	Per 100, 75.00	1.00	9.00
3½ to 4 ft.	Per 100, 90.00	1.25	10.00
4 to 4½ ft.	Per 100, 125.00	1.75	15.00
4½ to 5 ft.	Per 100, 150.00	2.00	17.50
5 to 5½ ft.	Per 100, 200.00	2.50	22.50
5½ to 6 ft.	Per 100, 250.00	3.00	27.50
6 to 7 ft.	Per 100, 350.00	4.00	37.50
7 to 8 ft.		5.00	45.00
Occ. Columbia (Columbia Arborvitae). A very compact form of the above with cream tipped foliage. 18 to 24 in.		1.25	10.00
2 to 2½ ft.		1.75	12.50
Occ. Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips. 2 to 2½ ft.		1.75	15.00
2½ to 3 ft.		2.00	17.50
3 to 3½ ft.		2.25	20.00
Occidentalis Elwangeriana (Tom Thumb Arborvitae). A dwarf, broad form with feathery foliage. 15 to 18 in.		1.00	7.50
18 to 24 in.		1.25	10.00



MOERHEIMI BLUE SPRUCE

THUJA Occidentalis—Continued		Each	10
Occ. Globosa (Am. Globe Arborvitae). A round, compact form, dark green foliage. 12 in.		Per 100, \$45.00	\$0.75 \$ 6.00
15 in.		Per 100, 60.00	.90 7.50
18 in.		Per 100, 75.00	1.00 8.50
24 in.			1.50 12.50
30 in., heavy specimens.			3.50
Occ. Hoveyi (Hovey Arborvitae). Of egg-shaped form with golden green foliage. 15 in.		Per 100, \$50.00	.75 6.50
18 in.			1.00 7.50
24 in.			1.50 12.50
30 in.			2.00 17.50
Occ. Pyramidalis (Am. Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage. 18 to 24 in.		Per 100, \$ 50.00	.75 6.50
2½ ft.		Per 100, 75.00	1.00 9.00
3 ft.		Per 100, 100.00	1.25 11.50
3½ ft.		Per 100, 125.00	1.75 15.00
4 ft.		Per 100, 175.00	2.25 20.00
4½ ft.			2.75 25.00
5 ft.			3.50 32.50
5½ ft.			4.25 40.00
6 ft.			5.50 50.00
Occ. Rosenthalii (Rosenthal Arborvitae). Dark green dense foliage; compact grower. 2 to 2½ ft.		2.00	17.50
3 ft.		2.50	22.50
3½ ft.		3.00	27.50
Occ. Wareana (Ware Arborvitae). Of dense broad, pyramidal form with rich green foliage. Very hardy. 15 in.		Per 100, \$ 50.00	.75 6.00
18 in.		Per 100, 75.00	1.00 9.00
24 in.		Per 100, 100.00	1.50 12.50
2½ ft.		Per 100, 150.00	2.00 17.50
3 ft.			2.75 25.00

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

Fruit Trees

APPLES

4 to 5 ft., 1½ in. caliper, each 40c; per 10, \$3.50; per 100, \$30.00.

Baldwin, Delicious, Duchess, Grimes Golden, Jonathan, McIntosh Red, Northwestern Greening, Roman Beauty, Roxbury Russet, Snow, Tolman Sweet, Wealthy, Yellow Transparent.

CHERRIES

4 to 5 ft., 1½ in. caliper, each 40c; per 10, \$3.00; per 100, \$25.00.

Early Richmond, Montmorency, Royal Duke.

PEARS

4 to 6 ft., 1½ to 1 in. caliper, each 40c; per 10, \$3.50; per 100, \$30.00.

Bartlett, Flemish Beauty, Howell, Kieffer, Seckle.

PLUMS

4 to 5 ft., 1½ to 1 in. caliper, each 40c; per 10, \$3.50; per 100, \$30.00.

Monitor, Underwood, Waneta.

PEACHES

4 to 5 ft., ¾ in. caliper, each 40c; per 10, \$3.00; per 100, \$25.00.

Elberta, J. H. Hale, Rochester.

Small Fruits

BLACKBERRY Eldorado, Snyder, 50c per 10; \$3.00 per 100.

GRAPE Catawba, Diamond, Niagara, Worden, 2-yr., \$1.25 per 10; \$10.00 per 100. Caco, 2-yr., \$2.50 per 10; \$20.00 per 100; Concord, 2-yr., \$1.00 per 10; \$5.00 per 100; Hubbard, 2-yr., \$1.75 per 10.

RASPBERRIES Chief, Cumberland, Latham, Quillen, St. Regis, 50c per 10; \$3.00 per 100; Golden Queen, Royal, 60c per 10; \$4.00 per 100.

Vaughan's Peonies

5 of a Kind at the 10 Rate

25 of a Kind of 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 from 3 to 5 eyes while the stock lasts.

WHITE AND LIGHT SORTS

8.7 Avalanche. Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. Each	10	100
A splendid white; crown type; late midseason;	\$0.15	\$1.25 \$10.00
8.1 Couronne d'Or. Snow-white, yellow reflex, very large. Late. . . . .	.15	1.20 10.00
8.1 Duchess de Nemours. (Calot.) Sulphur-white with greenish reflex, cup-shape . . . . .	.15	1.20 10.00
9.3 Festiva Maxima. Very popular large white. . . . .	.20	1.50 12.00
9.1 Francis Willard. Exquisite blush-white, of good substance and a fine cut-flower variety. . . . .	.50	4.00 35.00
7.9 Madame de Verneville. Delicate rose-white, very desirable. June rose fragrance. . . . .	.15	1.20 10.00

LIGHT AND DARK PINK AND ROSE

8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason. . . . .	.30	2.50 20.00
7.6 Edulis Superba. Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day. . . . .	.15	1.20 10.00
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant. . . . .	.15	1.20 10.00
7.9 Mad. Ducl. Light rose, silver reflex. Resembles the variety Mons. Jules Elie. . . . .	.20	1.50 12.00
9.2 M. Jules Elie. The best pink. . . . .	.30	2.50 15.00
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes. . . . .	.30	2.00 18.00
9.0 Sarah Bernhardt. Appleblossom-pink; late mid-season. . . . .	.40	3.00 25.00

RED AND CRIMSON

7.8 Augustin d'Hour. Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight silvery reflex.	\$0.30	\$2.50	\$20.00
8.4 Felix Crousse. Best red for florists. . . . .	.20	1.50	12.00
8.2 Grover Cleveland. Rich dark crimson; late. . . . .	.35	2.50	18.00
8.8 Karl Rosenfield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early. . . . .	.25	2.00	18.00
6.9 Louis Van Houtte. Deep carmine-rose. . . . .	.20	1.50	12.00
7.5 Marechal Valliant (Grandiflora Rubra). Light red, resembling the American Beauty Rose. . . . .	.20	1.50	12.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free bloomer and a strong grower; delightful fragrance; midseason. . . . .	.40	3.00	25.00
8.8 Richard Carvel. Very early, deep red. . . . .	.45	3.50	25.00

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

	Each	10	100
Double Pink.	\$0.15	\$1.00	\$ 8.00
Double Red. . . . .	.20	1.20	10.00
Double White. . . . .	.15	1.00	8.00
Double Mixed. . . . .	.15	1.00	7.00

PEONIES IN CASE LOTS

3 to 5 Eye Divisions

CASE LOT No. 1 (value \$17.50) for \$15.00	CASE LOT No. 2 (value \$22.50) for \$20.00	CASE LOT No. 3 (value \$32.00) for \$28.00
75 Unnamed dbl. Pink 50 " " White 75 " " Red	75 Edulis Sup. rba 50 Festiva Maxima 75 Felix Crousse	50 Avalanche 75 Reine Hortense 75 Karl Rosenfield
The above 200 roots, labeled, for \$15.00.	The above 200 roots, labeled, for \$20.00.	The above 200 roots labeled, for \$28.00.

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, \$1.00; 500, \$3.50; 1000, \$6.00.

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, \$1.20; 500, \$4.50; 1000, \$8.00.

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, \$1.00; 500, \$3.50; 1000, \$6.00.



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, \$1.00; 500, \$3.50; 1000, \$6.00.

HARVEST KING. (Per.) Mid-Early. Thorough, careful tests have proved Harvest King one of the outstanding strawberry values today. Ripening just after the early Premier, it is a far better berry than most other medium early sorts.

An unusually heavy plant maker; it produces enormous crops of finest quality, deep red delicious berries, the kind that brings a premium on the market. For home canning you cannot beat its wonderful flavor and lasting color. A plant of remarkable vitality, resisting spring frosts, Harvest King comes through the most unfavorable conditions with a paying crop. It is a perfect flowering variety and produces a full crop when planted alone.

Do not fail to plant plenty of Harvest King this spring. It follows Premier with first quality fruit well into the season. Price, 100, \$1.30; 500, \$5.00; 1000, \$9.00.

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. When extra fancy early fruit is wanted we advise this. Price, 100, \$1.20; 500, \$4.50; 1000, \$8.00.

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, \$1.00; 500, \$3.50; 1000, \$6.00.

CHAMPION. (New Everbearing.) A strong, healthy, deep-rooted plant, very productive. Fruit similar to Dunlap in size, shape and color. A beautiful rich red color clear through, good quality and delicious flavor. The one mighty big feature of the Champion is that every plant bears a full crop of fruit, something that cannot be said of any other everbearing variety. Owing to its wonderful productiveness and its ability to bear through dry weather it offers wonderful possibilities to commercial growers. In addition to the wonderful fall crop produced by the Champion, they are the earliest to ripen in the spring. Price, 100 for \$1.40; 500, \$6.00; 1000, \$10.50.

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, \$1.70; 500, \$6.50; 1000, \$12.00.

Vaughan's Vegetable Prices for Florists

VAUGHAN'S VEGETABLE SEEDS

FOR 58 years Vaughan's Seed Store has specialized in quality vegetable seeds for commercial as well as amateur growers. We maintain one of the largest seed testing laboratories in the world and neither buy nor sell any seeds that fail to come up to the highest standards of purity and germination. In addition to this, we place emphasis upon the care, breeding and selection of our seeds in order to insure that they bear crops that are uniform and true to type.

ASPARAGUS SEED

	Oz.	¼ lb.	Lb.
Bonvallet's Giant	\$0.15	\$0.30	\$0.85
Mary Washington	.20	.50	1.50

ASPARAGUS ROOTS

	100	1000	5000
	per 1000	per 1000	per 1000
Mary Washington. 1 Year Old	\$2.00	\$12.00	\$10.00
2 Year Old	2.25	14.00	12.00

ARTICHOKE

GREEN GLOBE—Pkt., 10c; oz., 50c.

BUSH BEANS—Green Pod

	2 lbs.	10 lbs.	100 lbs.
Black Valentine	\$0.40	\$1.50	\$13.00
Improved Early Red Valentine	.40	1.50	13.00
Longfellow	.40	1.40	12.00
Stringless Green Pod	.40	1.50	13.00
Dwarf Horticultural	.40	1.85	16.50
Improved Navy	.30	1.00	7.00
Bountiful Stringless	.40	1.60	13.50
Giant Stringless Green Pod	.40	1.50	13.00
Full Measure	.40	1.60	14.00
Refugee (Stringless)	.40	1.50	13.00
Great Northern	.30	1.00	7.00

WAX BEANS

Currie's Rust Proof	.40	1.40	12.00
Davis Kidney Wax	.40	1.50	13.00
Golden Queen or Hodson	.45	1.60	14.00
Improved Golden Wax	.40	1.50	13.00
Pencil Pod Black Wax	.40	1.50	13.00
Round Pod Kidney Wax	.45	1.60	14.00
Wardwell's Kidney Wax	.45	1.60	14.00
Gold Standard	.50	1.70	15.00
Sure Crop Bountiful Wax	.40	1.60	14.00
Webber Wax	.40	1.50	13.00
New Kidney Wax	.45	1.60	14.00
Unrivalled Wax	.40	1.50	13.00

BUSH LIMA BEANS

Henderson's Bush Lima	.50	1.70	15.00
Burpee's Bush Lima	.60	2.20	20.00
New Wonder Bush Lima	.60	2.20	20.00
Fordhook Bush Lima	.80	3.00	28.00
Burpee's Improved Bush Lima	.70	2.40	22.00
Jackson Wonder	.50	1.70	15.00

POLE LIMA

Carpenteria	.50	1.80	16.00
Early Leviathan	.50	1.80	16.00
King of the Garden	.50	1.80	16.00
Large White Seeded	.50	1.80	16.00
Florida Butter	.50	1.80	16.00

POLE BEANS—Green Pod

Burger's Stringless	.50	1.80	16.00
Cut Short or Corn Hill	.50	1.80	16.00
Horticultural Cranberry	.50	1.80	16.00
Kentucky Wonder or Old Homestead	.50	1.70	15.00
Lazy Wife	.50	1.60	14.00
McCaslan	.50	1.80	16.00
White Creaseback	.50	1.80	16.00
Scarlet Runner	.60	2.20	20.00

Wax Pod

Early Golden Cluster Wax	.55	1.70	15.00
Kentucky Wonder Wax	.55	1.70	15.00

BROCCOLI

	Oz.	¼ lb.	Lb.
White Mammoth	\$0.40	\$1.25	\$4.00
Italian Calabrese	.50	1.50	5.00

BRUSSELS SPROUTS

Improved Dwarf	.20	.60	1.75
Long Island Improved	.20	.60	1.75

BEETS

	¼ lb.	Lb.	5 lbs.
Perfected Detroit	\$0.65	\$2.00	\$9.00
Crosby's { Vaughan's Selected Stock	.45	1.25	5.50
Egyptian { Standard Stock	.35	1.00	4.50
Detroit { Vaughan's Selected Stock	.45	1.25	5.50
Dark Red Standard Stock	.35	1.00	4.50
Good For All	.50	1.50	6.75
Crimson Globe	.30	.80	3.50
Improved Early Egyptian	.30	.85	3.75
Early Wonder	.35	1.00	4.50
Asgrow Wonder	.75	2.00	8.75
Edmand's Turnip, Select Stock	.30	.85	3.75
Early Blood Turnip, Select	.30	.85	3.75
MANGEL—Vaughan's Mammoth Long Red	.20	.60	2.50
Champion Yellow Globe	.20	.60	2.50
Golden Tankard	.20	.60	2.50
Giant Yellow Intermediate	.20	.60	2.50
Giant Yellow Eckendorf	.20	.60	2.50
Giant Half Sugar Rose	.20	.60	2.50
Barres Sludstrup, Danish Grown	.20	.60	2.50
SUGAR BEETS—Vilmorin's Imperial	.20	.60	2.50
French Red Top	.20	.60	2.50
Klein's Wanzleben	.20	.60	2.50

CABBAGE

Early Oblong Varieties

	Oz.	¼ lb.	Lb.
Jersey Queen, yellows resistant	\$0.40	\$0.90	\$ 3.00
Early Jersey Wakefield	.20	.70	2.25
	½ oz.		
Early Wonder	.40	.65	2.00
Charleston Wakefield	.20	.65	2.25

Early Flat and Round Varieties

Copenhagen Market	.30	.85	2.75
Copenhagen Market Extra Early Selections	.45	1.25	4.50
Copenhagen Yellow Resistant (Marion Mkt.)	.45	1.25	4.50
Golden Acre	.40	1.10	3.75
New York Early Summer	.20	.65	2.00
Early Flat Dutch	.20	.65	2.00
Succession	.20	.65	2.00
Vaughan's All Seasons	.20	.65	2.00
Glory of Enkhousen	.25	.70	2.25
Early All Head or Faultless	.20	.65	2.00
Early All Head Yellows Resistant	.45	1.25	4.00
All Season's Yellows Resistant	.35	.90	3.00
Globe (Yellows Resistant) Glory	.50	1.50	5.00

Main Crop Sorts

Vaughan's Premium (Late) Flat Dutch	.25	.65	2.25
Chinese or Celery Cabbage Vaughan Strain	.40	1.25	4.00
Chinese or Celery Cabbage Commercial Strain	.30	.75	2.50
Chinese Cabbage Wong Bok	.25	.75	2.50
Surehead	.25	.65	2.00
Danish Ballhead (Tall)	.30	.80	2.75
Hollander, Yellows Resistant, Danish Ballhead, Wisconsin No. 8	.30	.90	3.00
Danish Ballhead (Dwarf Amager)	.30	.85	2.75
New Penn State Ballhead	.45	1.25	4.50
Dutch Winter or Hollander	.25	.75	2.50
Bugner's	.45	1.25	4.00
SAVOY CABBAGE—			
Improved American	.30	.80	2.50
Ironhead	.30	.80	2.50
RED CABBAGE—Black Diamond	.30	.85	3.00
Mammoth Rock Red	.30	.85	3.00
Haco, Earliest of all Reds	.45	1.25	4.00
Red Resistant	.60	1.65	6.00

CARROT

	Oz.	¼ lb.	Lb.	5 lbs.
Danvers Half Long. Vaughan's Selected Stock.....	\$0.20	\$0.55	\$1.75	\$7.75
Danvers Half Long. Standard Stock.....	.20	.50	1.50	6.50
Chantenay. The best for early bunching..	.20	.50	1.50	6.50
Greater Chantenay.....	.20	.55	1.75	7.75
Chantenay. Red Core.....	.20	.50	1.50	6.50
New Bunching.....	.25	.75	2.50	...
Imperator.....	.25	.65	2.00	9.00

	Oz.	¼ lb.	Lb.
Very Early Scarlet Forcing (French Horn)...	\$0.20	\$0.50	\$1.50
Chicago Forcing.....	.25	.65	2.00
Early Short Scarlet (Dutch Hom).....	.15	.45	1.25
Guerande or Oxheart.....	.15	.45	1.25
Nantes Half Long Scarlet, Stump-rooted..	.20	.55	1.75
Improved Long Orange.....	.15	.35	1.00
Mastodon or White Intermediate.....	.10	.25	.75

USEFUL VEGETABLES

	Oz.	¼ lb.	Lb.
Chervil. Double curled.....	.10	.25	.75
Chicory, Magdeburg. Large Rooted.....	.20	.50	1.50
Chicory, Witloof or French Endive. Fancy..	.25	.65	2.00
Corn Salad. Round leaved, large seeded....	.20	.50	1.50
Cress, Curled or Pepper Grass.....	.10	.25	.75
Cress. Water Cress.....	.50	1.50	5.00
Cress, Upland.....	.15	.35	1.00
Collards.....	.10	.20	.50
Cardoon.....	.35	.85	3.00
Chives.....	.65	2.00	....

CAULIFLOWER

Vaughan's Extra Select Snowball, pkt., 25c; ¼ oz., 80c; ½ oz., \$1.50; oz., \$2.50; ¼ lb., \$9.00.

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. It is the result of years of careful selection by a most capable and painstaking gardener who grows the seed especially for us on the island of Amagar, near Copenhagen, Denmark, where growing conditions are ideal for the production of perfect seed heads. Vaughan's New Snowball is the best general purpose variety for either, spring or fall planting. Heads are usually 9 to 10 inches across, perfectly white, solid, deep and compact.

Pkt., 25c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00; lb., \$30.00.

Vaughan's Earliest Dwarf Erfurt

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

Pkt., 25c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$7.50; lb., \$27.00.

Dry Weather

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

Pkt., 25c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00; lb., \$30.00.

Danish Snowball

This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proven itself reliable. Pkt., 25c; ¼ oz., 65c; oz., \$2.00; ¼ lb., \$7.00; lb., \$26.00.

	Oz.	¼ lb.	Lb.
Autumn Giant. Very large and productive..	\$0.50	\$1.50	\$ 5.00

CELERY

	½ oz.	Oz.	¼ lb.	Lb.
Golden Phenomenal.....	\$0.45	.75	2.50	9.00
Giant Pascal. Easy-blanching and a fine keeper.....	.30	.90	3.00	...
Soup Celery or Smallage. Green, for soups.....	.15	.35	1.00	...
Easy Blanching.....	.40	1.25	4.00	...
Easy Blanching. Extra fancy.....	.60	1.00	3.00	10.00
Emperor. Splendid Quality, Dwarf.....	.40	1.25	4.50	...
White Plume. Vaughan's Selected Stock.....	.30	1.00	3.00	...
Golden Self-Blanching. New strain, tall.....	.35	.60	1.75	6.00
Golden Self-Blanching. Short.....	.35	.60	1.75	6.00
Golden Plume.....	.40	.65	2.00	7.00
Winter Queen.....	.25	.75	2.50	...
Large Smooth Prague. Earliest of all..	.30	.90	3.00	...
Golden Detroit.....	.45	.75	2.50	9.00

SWEET CORN

	2 lbs.	10 lbs.	100 lbs.
Vaughan's Purdue Bantam.....	\$1.35	\$5.00	....
Vaughan's Golden Cross Bantam.....	1.35	5.00	....
Vaughan's Top Cross Bantam.....	1.35	5.00	....
Golden Bantam. Vaughan's Extra Quality... .	.40	1.60	\$14.00
Golden Bantam. Double Cross or King's Cross	.75	3.00	25.00
Vaughan's Mammoth White Cory.....	.40	1.30	11.00
Vaughan's 60-Day White.....	.40	1.30	11.00
Vaughan's 60-Day Golden.....	.50	1.60	14.00
Bantam Evergreen, Vaughan's.....	.50	1.50	13.00
Howling Mob.....	.40	1.30	11.00
Early Evergreen. Second early large corn....	.40	1.30	11.00
Adams. Extra early, not sweet but early....	.40	1.00	8.00
Early Mayflower.....	.40	1.30	11.00
Black Mexican. Fine for home use.....	.50	1.60	14.00
Stowell's Evergreen. Western-grown.....	.40	1.30	11.00
Stowell's Evergreen. Eastern-grown.....	.40	1.40	12.00
Country Gentleman.....	.50	1.50	13.00
Vaughan's Earliest.....	.50	1.70	15.00
Whipple's Early Yellow.....	.50	1.50	13.00
Golden Gem.....	.60	2.00	18.00
Early Golden Sweet.....	.90	4.00	....

CUCUMBERS

	Oz.	¼ lb.	Lb.
Evergreen, or Extra Long White Spine... .	\$0.15	\$0.40	\$1.15
Davis Perfect.....	.20	.50	1.50
Vaughan's Improved Arlington.....	.15	.40	1.15
Improved White Spine.....	.15	.35	1.00
Fordhook Famous.....	.20	.45	1.25
Rockyford.....	.15	.35	1.00
Improved Long Green.....	.20	.50	1.50
Earliest of All White Spine.....	.15	.35	1.00
Early Cluster.....	.15	.30	.90
Japanese Climbing.....	.20	.45	1.25
Westerfield's Chicago Pickle. One of our specialties.....	.15	.35	1.00
Snow's Fancy Pickling.....	.15	.35	1.00
Lemon. (True cucumber).....	.20	.60	1.75
Improved Jersey Pickling. A popular pickle..	.15	.35	1.00
Extra Early Green Prolific or Boston Pickling	.15	.35	1.00
Early Frame.....	.15	.40	1.15
West India Gherkin.....	.25	.60	1.75
Early Fortune.....	.15	.45	1.25
The Vaughan. Finest of all for forcing or outdoors.....	.25	.65	2.00
Chicago Special.....	.20	.50	1.75
Quick Grow.....	.20	.50	1.50
Deltus.....	.20	.50	1.50
Thorborn Everbearing.....	.20	.40	1.15
Mandarin.....	.45	1.25	4.00

DANDELION

Thick Leaved or Cabbaging. Pkg., 25c; oz., 60c.

DILL

Oz., 15c; ¼ lb., 25c; lb., 75c.

EGG PLANT

Black Beauty.....	.50	1.50	5.00
Vaughan's Improved N. Y. Purple.....	.45	1.35	4.50
Florida High Bush.....	.50	1.50	5.00

ENDIVE

Green Curled Pancalier, Rose Ribbed.....	.15	.45	1.25
Green Curled Summer.....	.15	.45	1.25
Green Curled Winter.....	.15	.45	1.25
Moss, Very Fine Curled.....	.15	.45	1.25
Broad-leaved White or Escarolle.....	.15	.45	1.25
Ever White Curled.....	.15	.45	1.25
Full Hearted Batavian.....	.20	.50	1.50

GARLIC

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

HERBS

Write for pound prices.

For complete list see Retail Catalog.

KALE OR BORECOLE

Dwarf Green Curled.....	.15	.35	1.00
Tall Green Scotch.....	.15	.35	1.00
Siberian.....	.10	.25	.75
Vaughan's Excelsior Moss Curled. Best of all	.15	.35	1.00

KOHLRABI

	Oz.	¼ lb.	Lb.
Short-leaved Early Erfurt	\$0.25	\$0.75	\$2.50
Early White Vienna	.20	.65	2.00
Early Purple Vienna	.25	.70	2.25
Forcing White Vienna	.30	.80	2.50

LEEK

Broad Scotch or London Flag	.20	.60	2.00
Large Musselburg	.20	.60	2.00
Large Carentan	.20	.60	2.00
Elephant	.30	.90	3.00

LETTUCE

Leaf Varieties

Black-Seeded Simpson, Vaughan's Selected Stock	.15	.50	1.50
Black Seeded Simpson, Standard Stock	.15	.40	1.25
Grand Rapids Forcing, Vaughan's Extra Selected Stock	.20	.60	1.75
Grand Rapids Forcing, Standard Stock	.15	.50	1.50
Early Curled Silesia	.15	.45	1.25
Early Curled Simpson	.15	.45	1.25

Cabbage and Head Varieties

Vaughan's All Seasons	.15	.45	1.50
May King. Very early	.15	.45	1.50
Big Boston, Vaughan's Selected Stock	.20	.50	1.50
California Cream Butter	.15	.45	1.25
Iceberg	.20	.50	1.50
Imp. Hanson. Very large firm heads	.15	.45	1.25
Maximum or Immensity	.20	.60	1.75
Mignonette	.20	.60	1.75
New York or Wonderful	.25	.65	2.00
Prizehead	.15	.45	1.25
Unrivalled	.20	.60	1.75
Wayahead	.15	.45	1.50
Paris White Cos.	.15	.45	1.25
Express Cos.	.15	.45	1.25
Trianon Cos.	.15	.45	1.25
Chicken. (New)	.15	.35	1.00

MUSKMELON

Milwaukee Market Hand Cut, Select Melons	.25	.65	2.00
Vaughan's Improved Milwaukee	.20	.50	1.50
Extra Early Osage. (Vaughan's Selected)	.15	.45	1.25
Hearts of Gold or Improved Hoodoo	.15	.45	1.25
Paul Rose	.15	.45	1.25
Osage, Vaughan's Original Stock	.15	.45	1.25
Standard Stock	.15	.35	1.00
Rocky Ford	.15	.35	1.00
Emerald Gem. One of the sweetest	.15	.35	1.00
Tip Top. A very fine market melon	.15	.45	1.25
Osage Gem	.15	.35	1.00
Improved Jenny Lind	.10	.35	1.00
Extra Early Hackensack. Best strain	.15	.35	1.00
Banana	.15	.45	1.25
Honey Dew	.20	.50	1.50
Mango Melon or Vegetable Orange (Vine Peach)	.20	.60	1.75
Pollock-10-25	.15	.45	1.25
Edwards Perfecto	.15	.45	1.25
Bender's Surprise	.15	.45	1.25
Sweet Air (Early Knight)	.15	.45	1.25
Golden Champlain	.15	.45	1.25
Honey Rock	.20	.50	1.50
Hale's Best	.20	.50	1.50

MARTYNIA

—For Pickles	.35	1.00
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The young seed pods make fancy pickles.

WATERMELON

Citron	.15	.30	.85
Florida Favorite	.10	.25	.75
Early Fordhook	.10	.25	.75
Halbert Honey	.15	.30	.85
Rattlesnake	.15	.30	.85
Harris Earliest	.15	.30	.85
Peerless or Ice Cream	.15	.30	.85
Alabama Sweets	.10	.25	.75

WATERMELON—Continued

	Oz.	¼ lb.	Lb.
Kleckley's Sweet	\$0.15	\$0.35	\$1.00
Sweetheart	.10	.30	.85
Winter	.20	.45	1.25
New Chilian	.15	.35	1.00
Tom Watson	.10	.30	.85
Cole's Early	.10	.30	.85
Irish Gray	.15	.35	1.00
Excel	.10	.25	.75
New Wonder	.15	.35	1.00
Stone Mountain	.15	.45	1.25
Pride of Muscatine, State Certified	.25	.60	2.00
Pride of Muscatine	.20	.50	1.50

MUSTARD

	Oz.	¼ lb.	Lb.	10 lbs. per lb.
White London	\$0.10	\$0.20	\$0.50	\$0.40
Giant Southern Curled	.10	.20	.60	.50
Chinese Smooth Leaved	.10	.20	.60	.50
Fordhook Fancy	.15	.25	.75	.60
Florida Broad Leaved	.10	.20	.60	.50
Tendergreen	.10	.20	.35	.30

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

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 90c per carton. \$9.00 per doz. \$18.75 for 25. \$36.50 for 50. Write for circular.

OKRA

Dwarf Long Pod, 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.	Lb.	10 lbs. per lb.
Large Red Wethersfield	\$0.60	\$1.75	\$1.50
Southport Red Globe	.60	1.75	1.50
Southport Yellow Globe, California-grown	.60	1.75	1.50
Southport Yellow Globe, our own Eastern-grown	.65	2.00	1.75
Ideal Southport White Globe	.85	2.50	2.25
Ailsa Craig	.65	2.25	....
Australian Brown Flat	.50	1.25	1.15
Riverside Sweet Spanish	.90	2.00	1.80
Mammoth Silver King	.65	2.25	....
Ohio Yellow Globe	.60	1.75	1.50
Bermuda Yellow	.90	3.00	2.75
Bermuda Crystal White Wax	.95	3.25	3.00
Prizetaker	.65	1.75	1.50
White Barletta	.60	2.00	....
White Pearl	.60	2.00	....
White Portugal	.60	1.75	1.50
Early White Welsh	.65	2.25	....
Yellow Globe Danvers	.60	1.75	1.50
Fancy Yellow Globe Danvers	.65	2.00	1.75
Golden Globe	.70	2.25	2.00
Riverside White Spanish	.90	3.00	2.75
Yellow Strassburg	.50	1.25	1.15
Vaughan's Special Yellow Globe (Early Mountain Danvers)	.65	2.00	1.75
Early Flat Red	.85	2.75	....
Japanese or Ebenezer	.65	1.75	1.50
White Bunch	.65	2.00	1.75

PEAS

	2 lbs.	10 lbs.	100 lbs.
Alaska	\$0.40	\$1.60	\$14.00
Alderman	.50	2.00	18.00
American Wonder	.50	2.00	18.00
Ameer	.50	1.90	17.00
Black-Eyed Marrowfat	.45	1.80	16.00
Champion of England	.50	2.00	18.00

PEAS—Continued

	2 lbs.	10 lbs.	100 lbs.
Dwarf Defiance.....	\$0.50	\$2.00	\$18.00
Dwarf Gray Sugar.....	.50	2.25	20.00
Dwarf Telephone or Daisy (ex. choice).....	.50	2.00	18.00
Extra Early Prem. Gem, or Little Gem.....	.50	2.00	18.00
Everbearing.....	.50	2.00	18.00
First and Best.....	.50	1.90	17.00
Improved Gradus or World's Record.....	.50	2.00	18.00
Laxtonian.....	.60	2.20	20.00
Laxton's Progress.....	.60	2.20	20.00
Little Marvel.....	.75	2.40	22.00
Mammoth Podded Sugar.....	.65	2.20	20.00
Nott's Excelsior. One of the best earlies.....	.50	2.00	18.00
Improved Strategem.....	.50	2.00	18.00
Sutton's Excelsior.....	.50	2.00	18.00
Telephone. Vaughan's Improved.....	.50	2.00	18.00
Thomas Laxton.....	.60	2.00	18.00
White Marrowfat. Large.....	.40	1.60	14.00
Century of Progress.....	.75	3.00	....

PARSLEY

	Oz.	¼ lb.	Lb.
Vaughan's Champion Moss Curled.....	\$0.15	\$0.30	\$0.80
Double Curled.....	.15	.30	.80
Fern Leaved.....	.15	.40	1.25
Plain.....	.10	.25	.75
Hamburg Rooted.....	.20	.45	1.25
Vaughan's XXX.....	.15	.35	1.00

PARSNIP

	Oz.	¼ lb.	Lb.
Long Smooth, Hollow Crown.....	.15	.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.....	\$0.30	\$0.50	\$1.50
Vaughan's Sweet Mountain.....	.20	.35	1.25
Bullnose (Hot).....	.20	.40	1.25
Large Bell (Sweet).....	.20	.40	1.25
Cayenne, Long Red.....	.30	.45	1.25
Chinese Giant.....	.40	.65	2.00
Crimson Giant.....	.40	.65	2.00
Red Chili.....	.30	.50	1.50
Ruby King.....	.20	.35	1.00
New Sweet Upright Salad.....	.35	.65	2.00
Perfection Pimento.....	.20	.30	.90
Sunnybrook.....	.20	.35	1.00
Tabasco.....	.30	.50	1.70
Hungarian.....	.35	.60	1.75
Harris Giant.....	.30	.50	1.50
Worldbeater.....	.30	.50	1.50
Sweet Spanish Monstrous.....	.25	.45	1.25
Royal King.....	.25	.45	1.25
Ruby Giant.....	.30	.45	1.25
California Wonder.....	.35	.60	1.75

PUMPKIN

	Oz.	¼ lb.	Lb.
Winter Queen, or Winter Luxury.....	\$0.15	\$0.35	\$1.00
Vaughan's Mammoth Prize.....	.15	.45	1.25
Japanese Pie.....	.15	.40	1.25
Large Cheese.....	.15	.20	.60
Large Connecticut Field or Big Tom.....	.15	.25	.75
Large Tours or Mammoth French.....	.15	.45	1.40
Sweet Potato.....	.15	.40	1.25
Cushaw, White.....	.15	.40	1.10
Cushaw, Striped.....	.15	.40	1.10
Vaughan's Small Sugar Pie.....	.15	.35	1.00

RADISH

	Oz.	¼ lb.	Lb.	100 lbs. Per lb.
Glowing Ball.....	\$0.15	\$0.45	\$1.25	....
Cincinnati Market, Long Scarlet.....	.10	.25	.75	\$0.65
Crimson Giant Forcing.....	.15	.35	1.00	.90
Earliest White Olive.....	.15	.35	1.00	.90
Earliest White Turnip (White Box).....	.15	.30	.90	....

RADISH—Continued

	Oz.	¼ lb.	Lb.	100 lbs. Per lb.
Improved Early Scarlet Globe,				
Vaughan's Select Forcing.....	\$0.15	\$0.30	\$0.90	\$0.80
Early Scarlet Globe.....	.10	.25	.55	.45
Early Deep Scarlet Turnip.....	.10	.30	.80	....
Early Scarlet Globe, White Tip.....	.10	.30	.90	....
Saxa. Earliest Round Red.....	.15	.30	.90	.80
Early Long Scarlet Short Top.....	.10	.25	.70	....
White Stuttgart.....	.10	.30	.90	.80
Improved French Breakfast.....	.10	.20	.60	.50
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	.20	.60	....
Brightest Long Scarlet (Cardinal).....	.10	.20	.65	....
White Strassburg.....	.15	.30	.90	....
Long White Vienna.....	.10	.25	.75	....
Non Plus Ultra.....	.10	.30	.80	....
Vaughan's 20-Day Forcing. Early				
Olive-shape.....	.10	.25	.75	....
Scarlet Turnip, White Tip (Sparkler).....	.10	.25	.75	.65
Scarlet Turnip, White Tip (American).....	.10	.20	.60	.50
Vaughan's All Seasons.....	.10	.30	.90	....
White Icicle. The earliest long white.....	.10	.25	.70	.60

Winter Varieties

	Oz.	¼ lb.	Lb.
Chinese Mammoth or Celestial.....	.15	.35	1.00
California Mammoth White.....	.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	.45	1.25

RHUBARB

	Pkt.	½ Oz.	Oz.	¼ lb.	Lb.
Flare.....	\$0.25	\$0.60	\$1.00	....	....
Vaughan's Mammoth.....	....	.20	\$0.50	\$1.50	....
Victoria.....	....	.20	.50	1.50	....
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, \$12.00; 5,000, per 1,000, \$10.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island.....	\$0.25	\$0.60	\$2.00
Scorzoneria, or Black Salsify.....	.25	.65	2.25

SORREL

	Oz.	¼ lb.	Lb.
French.....	.20	.45	1.25

SPINACH

	Oz.	¼ lb.	Lb.	10 lbs. Per lb.	25 lbs. Per lb.	100 lbs. Per lb.
New Long Standing Bloomsdale.....	\$0.35	\$0.28	\$0.26	\$0.25	....	....
Bloomsdale or Norfolk, Savoy-Leaved.....	.30	.25	.23	.22	....	....
Extra Large Round Leaved.....	.30	.25	.23	.22	....	....
Monstrous-Leaved Viroflay.....	.30	.25	.23	.22	....	....
Long Standing.....	.30	.25	.23	.22	....	....
Vaughan's Giant Fill Basket.....	.30	.25	.23	.22	....	....
Prickly Seeded.....	.30	.25	.23	.22	....	....
Princess Juliana, Long Standing.....	.35	.28	.26	.25	....	....
Old Dominion.....	.35	.30	.29	.28	....	....
Virginia, Blight Resistant.....	.35	.28	.26	.25	....	....
Victoria.....	.30	.25	.23	.22	....	....
Vaughan's Triumph.....	.30	.25	.23	.22	....	....
Tetrogonia, or New Zealand.....	.75	....	....	....	....	....
Antvorskov (King of Denmark).....	.35	.28	.26	.25	....	....
Vaughan's Special.....	.35	.28	.26	.25	....	....
Gaudry L. S. or Nobel.....	.35	.28	.26	.25	....	....
Broad-Leaved Flanders.....	.30	.25	.23	.22	....	....

SWISS CHARD

	Oz.	¼ lb.	Lb.
Cut and Come Again.....	\$0.10	\$0.25	\$0.75
Lucullus.....	.10	.30	.85
Lyon.....	.10	.30	.85
Perpetual Spinach Beet.....	.10	.30	.85

SQUASH

	Oz.	¼ lb.	Lb.
Banana	\$0.20	\$0.50	\$1.50
Blue Hubbard	.20	.50	1.50
Boston Marrow	.15	.35	1.00
Chicago Warty Hubbard	.20	.50	1.50
Cocozelle	.15	.45	1.25
Delicious	.20	.50	1.50
Table Queen, "Des Moines," Acorn	.15	.45	1.25
Early White Bush	.15	.35	1.00
Bush Fordhook	.15	.45	1.25
Vaughan's Giant Summer Crookneck, Yellow	.15	.45	1.25
Golden Hubbard	.20	.45	1.25
Original Hubbard, Extra Select	.20	.50	1.50
Kitchenette Small Hubbard	.20	.50	1.50
Mammoth White Bush, Extra Select	.15	.35	1.00
Mammoth Yellow Bush	.15	.35	1.00
Mammoth Chili	.20	.50	1.50
Sweet Potato	.25	.60	1.75
Vegetable Marrow	.15	.45	1.25
Yellow Straightneck	.15	.45	1.25
Yellow Summer Crookneck	.15	.35	1.00
Zucca de Pergola, Italian Sort	.25	.65	2.00
Italian Marrow Zucchini	.20	.50	1.50

TOMATO

Acme, Midseason pink	.35	1.15	3.75
American Beauty, New Globe shape purple	.45	1.40	4.50
Avon Early, A first early red	.30	.90	3.00
Beauty, Midseason pink	.45	1.25	4.00
Bonny Best, Second red, called by market gardeners "yellow"	.35	1.00	3.00
Break-O'Day, New red Globe, early as Earliana, blight resistant	.45	1.25	4.00
Chalk's Early Jewel, An early red	.35	1.00	3.00
Cooper's Special, Midseason pink	.45	1.25	4.00
Crimson Cushion or Beefsteak, Medium late, red, very large	.50	1.50	4.75
Dwarf Champion, Medium late pink	.40	1.25	4.25
Dwarf Stone, Midseason red	.40	1.25	4.50
Earliana, Earliest red	.40	1.00	3.00
Early Detroit, Early, pink	.40	1.25	4.50
Golden Ponderosa, Late yellow	.50	1.60	5.50
Golden Queen, Midseason yellow	.40	1.25	4.25
Greater Baltimore, Medium early red	.30	.85	2.75
Ground Cherry	.50	1.50	...
Gulf State, Midseason pink	.40	1.25	4.00
Hudson Valley Maid, Midseason potato-leaved red	.45	1.25	4.00

TOMATO—Continued

	Oz.	¼ lb.	Lb.
John Baer, A first early red	\$0.35	\$1.00	\$3.00
June Pink, Second-early pink	.45	1.25	4.25
Murray's Early	.45	1.25	3.75
Marglobe, Midseason red globe, blight and nail-head resistant	.45	1.25	4.00
Marvelosa, Season and shape of above, pink	.60	1.75	6.00
Matchless, Midseason red	.30	.85	2.75
New Globe, Midseason pink	.45	1.25	4.00
New York or Velvet, Second early red	.45	1.25	4.00
Ponderosa, One of largest midseason pink	.50	1.50	5.00
Pritchard (Scarlet Topper)	.60	1.75	6.00
Oxheart	.75	2.50	9.00
Red Cherry	.50	1.50	...
Red Currant	.50	1.50	...
Red Pear	.50	1.50	...
Red Peach	.50	1.50	...
Red Plum	.50	1.50	...
Stone, Improved, Medium early red	.30	.90	3.00
Trucker's Favorite	.45	1.25	4.00
Yellow Pear	.50	1.50	...
Yellow Peach	.50	1.50	...
Yellow Plum	.50	1.50	...
Forcing Sorts, Stirling Castle, Fill Basket, Best of All, Bonny Best, Pkg., 25c oz., 75c.			
New Globe, pkt., 25c; oz., \$1.00. Grand Rapids, pkt., 25c; oz., \$1.50.			

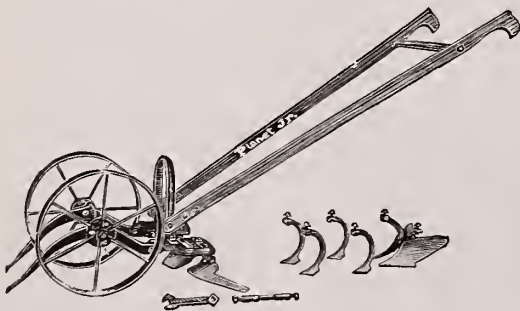
TURNIP

	Oz.	¼ lb.	Lb.
Early White Milan, Earliest of all	\$0.10	\$0.30	\$0.80
Early Extra Purple Top Milan	.10	.30	.80
Purple Top Strap Leaf	.10	.20	.50
White Egg	.10	.20	.50
Purple Top White Globe	.10	.25	.75
White Flat Dutch	.10	.20	.50
Large Yellow, or Amber Globe	.10	.20	.50
Golden Ball or Orange Jelly	.10	.20	.50
Cowhorn or Long White	.10	.20	.50
Pomeranian White Globe	.10	.20	.50
Early Snowball	.10	.20	.50
Seven Top	.10	.15	.40
Yellow Stone	.10	.20	.50
Shogoin or Foliage Turnip	.10	.25	.75

RUTABAGA OR SWEDE

Vaughan's American Purple Top Improved	.10	.25	.75
Bangholm Danish	.10	.25	.75
White Swede	.10	.25	.75

PLANET Jr. No. 12—\$10.25



No. 12. Ideal wheel hoe for the small gardener or the commercial grower. Evenly balanced. Quality material and will outlast any other make of wheel hoe. When the full complement of tools is not required order No. 13, price, \$7.60; also may be had with single wheel in the No. 18, price, \$5.50. Packed weight, 32 lbs. Equipment: One pair of 6-inch hoes, Four steel cultivator teeth, One pair of plows, Two leaf lifters, All oil tempered. Steel frame, steel wheels.

We carry a complete line of Planet Jr. implements in seeders, fertilizer distributors, wheel hoes and one horse cultivators. A tool for every need. Catalog furnished upon request.

PLANET Jr. No. 300—\$18.75

No. 300. A drill seeder adapted for muck or upland soil. Accurate and dependable, removable hopper. Plants from the finest seed up to small Lima Beans. Has supplanted other commercial seeders. Packed weight, 55 lbs., net weight, 34 lbs. Capacity of Hopper 4 quarts. Front Wheel,



15 in. in Diameter. Rear Wheel, 11¼ in. Diameter, Tread, both 2½ in.

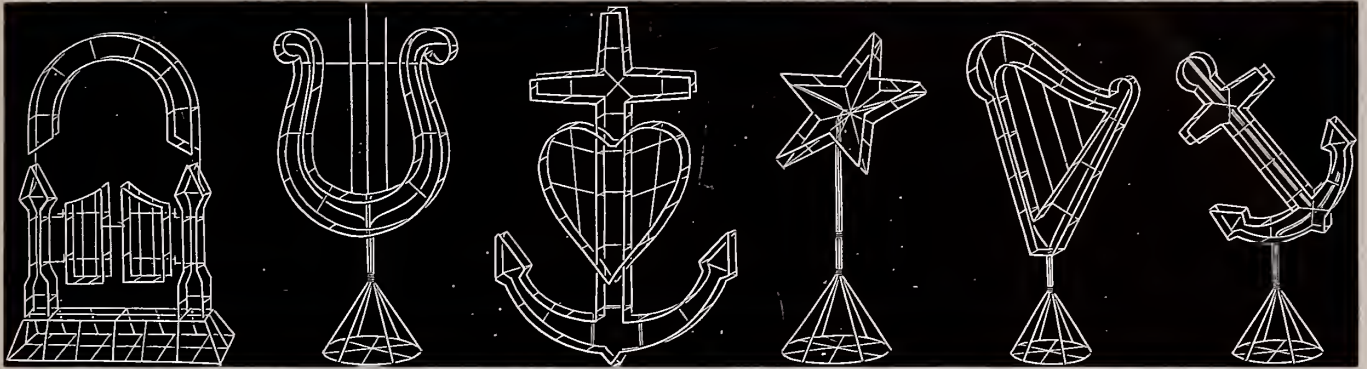
Florists' Wire Designs

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Insecticides and Fungicides

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

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

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

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 25c.

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

ANSUL COLLOIDAL SULPHUR. A spray for many diseases, is readily soluble in water; remains in suspension almost indefinitely. ½ lb., tube, 90c; 3 lb. bottle, \$2.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 35c; 4 lbs., 95c; case of 24 lbs., \$4.50; 100 lbs., \$12.50.

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

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 35c; 4 lbs., \$1.10; case of 24 lbs., \$5.00.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c.

CALCIUM ARSENATE. (Dry.) Lb., 35c; 4 lbs., \$1.10.

CYANOGEN CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, 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.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

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., \$12.50.

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.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.75; 100 lbs., \$4.50.

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

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

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., \$2.25; 10 lbs., \$4.00.

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, 1½ oz. can, 35c; 6 oz. can, \$1.00; 32 oz. can, \$3.50; gal., \$11.75.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

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.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$6.00; 100 lbs., \$11.00.

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, \$3.35; 10-lb. tin, \$5.85.

Items You Can Sell

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

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

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼ lb. cans, doz., \$3.00; 1-lb. cans, doz., \$6.00.

ANTROL READY FILLED SETS Consisting of 4 patented glass feeders. Per doz. sets, \$4.00. Retail at 50c set.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, \$6.00. Retail at 75c set.

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

BLACK LEAF 40. Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.10 ea.; 2 lbs., \$3.10 ea.; 5 lbs., \$5.85 ea.; 10 lbs., \$10.15 ea.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, \$2.70. Retail at \$4.20.

KALITE. A non-poisonous insecticide for fruits, vegetables, and flowers. 1-lb. pkgs. with sifter tops, per doz., \$2.80. Retail at \$4.20.

NEW EVERGREEN ASSORTMENT for resale. Per carton of 24-oz. bottles and 2 6-oz. bottles, price, \$5.40. Retail at \$10.40. Pint, \$2.00; gal., \$12.00; 5 gals., \$50.00.

NICOTINE PYROX. 10-oz. tins, doz., \$4.20; 5 lbs., \$1.60; 3 for \$4.50.

PYROX. Combination insecticide and fungicide. 1-lb. jars, per doz., \$4.20; per case of 24 jars, \$7.80; 5 lb. cans, \$1.50; 10 lbs., \$2.40; 25 lbs., \$4.50; 100 lbs., \$12.50.

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

RED ARROW Assortment for resale. Per carton of 24 oz. bottles and 2 ¼-pint bottles, price, \$5.40. Retail at \$10.40. Pint, \$2.75; qt., \$4.50; gal., \$15.00.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., \$2.70. Special deal of 24-oz. bottles and 2 8-oz. bottles, packed in attractive counter display box, \$5.40. Retail at \$10.40. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00.

SLUG SHOT. Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.95; 5-lb. pkgs., 6 for \$3.60; 125 lb. keg, \$12.00; 250 lbs. in bulk, \$24.00.

TREE TANGLEFOOT. 1-lb. cans, per doz., \$5.40; per case of 24, \$9.60; 5-lb. can, \$2.35; doz., \$22.00; 10 lbs., \$4.35 ea.; 25 lbs., \$11.00 ea.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.00; 4 lbs., \$5.75; 8 lbs., \$10.00.

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

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

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

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; ½ pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

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.

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

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

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

ROTECIDE DUST. The standard rotenone dust for killing insects in greenhouses, stables, dog kennels, and in the field. 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., \$1.50; 5 gals., \$5.25; 10 gals., \$9.25. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Price, qt., \$1.00; gal., \$2.75; 5 gals., \$12.00.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli and disinfection of seed bed soil. Prices, 2 oz., 50c; 1 lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$46.25; 100 lbs., \$180.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

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.

SNAROL. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; 4 lbs., 85c; 15 lbs., \$3.00; 50 lbs., \$8.00.

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

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

TOBACCO DUST. (Regular Grade.) 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. ½ pt., 35c; pt., 55c; qt., 80c; gal., \$2.50; 5 gals., \$7.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc. Price, ½ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

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, \$4.25. With knapsack and curved extension, \$8.50.



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, \$6.00; solid copper reservoir, with Auto Pop, \$8.50. Brass Extension Rod, in 2-ft. lengths, each, 50c.

Smith's Bucket Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, \$4.95.



Sprayit Hydro Mixing Nozzle. Applies fertilizer and insecticides as easily as sprinkling the lawn. Adjustable from a wide finely atomized fog-spray to a high stream for reaching top of trees. Each, \$3.50.



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

Perfection Sprayer. The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water, Paints, Insecticides. Two styles.

Galvanized steel, \$6.00; solid brass, \$8.50. **Bottle Sprayer.** One qt. bottle. Fine for spraying designs and boxes of flowers. Throws a fine spray. Each, \$1.25; 6 for \$6.00.



WHEELBARROW SPRAYER. Goes anywhere

like a wheelbarrow through narrow openings. For spray solutions, disinfectants or white wash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 12½ gallons. Fully equipped with hose, nozzle fittings, steel extension,



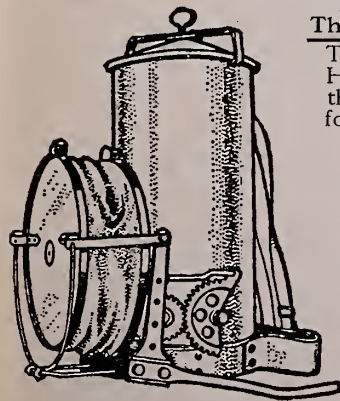
etc. Price, \$21.00. Shipping weight, 80 lbs.

Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Each, \$13.50. Write us for prices on Barrel and Power Sprayers.

The American Beauty Duster.

The most powerful hand duster made. Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$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; doz., \$1.80. Jumbo. Each, 45c; doz., \$4.00.

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 \$1.25; doz., \$12.00.

DUSTER—Vaughan's No. 100. A very handy dry powder gun; can dust two rows at a time, preferred by market gardeners everywhere. Each, \$8.50. Write for illustrated booklet.

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, \$1.75; 21-in., each, \$2.75.

Feeny Model B Duster

Each, 85c; doz., \$7.50



Feeny Model B Duster

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, \$8.50.



SYRINGES. English Brass.

No.	Length	Diameter	Price Each
No. 0.	12½ in.	15/16-in. in diam.	\$2.50
No. D.	15½ in. long	1½ 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

SAVO All-Year-Around Steel Flower Box



Model	Height	Width	Length	Price
Model A.	8 in.	9½ in.	23 in.	\$2.40
Model B.	8 in.	9½ in.	29 in.	2.85
Model C.	8 in.	9½ in.	35 in.	3.20
Model D.	8 in.	9½ in.	41 in.	3.60
Model E.	8 in.	12 in.	12 in.	2.00
Model F.	12 in.	12 in.	12 in.	2.40

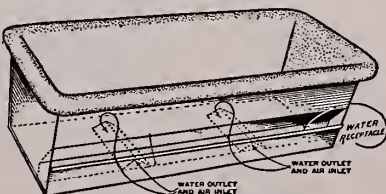
29 in. long, Jade Green Finish, \$14.00; Model J, Fernery 35 in. high, box 12 in. square, \$8.00. These are outside measurements including ¼ in. roll rim.

They are made of "ARMCO" or "TONCON" rust resisting galvanized Steel, with neat round corners, a full roll rim and beautifully finished in six colors; jade green, orchid, chinese red, cobalt blue, old ivory and aluminum. Exclusive SUB-IRRIGATING principle (patented).

THE LITTLE WONDER NO-DRIP HANG-

ING 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.

Each	Doz.	Each	Doz.
5 in. . \$0.85	\$ 9.00	9 in. . \$1.60	\$16.20
6 in. . .95	9.50	10 in. . 2.25	24.00
7 in. . 1.10	11.40		

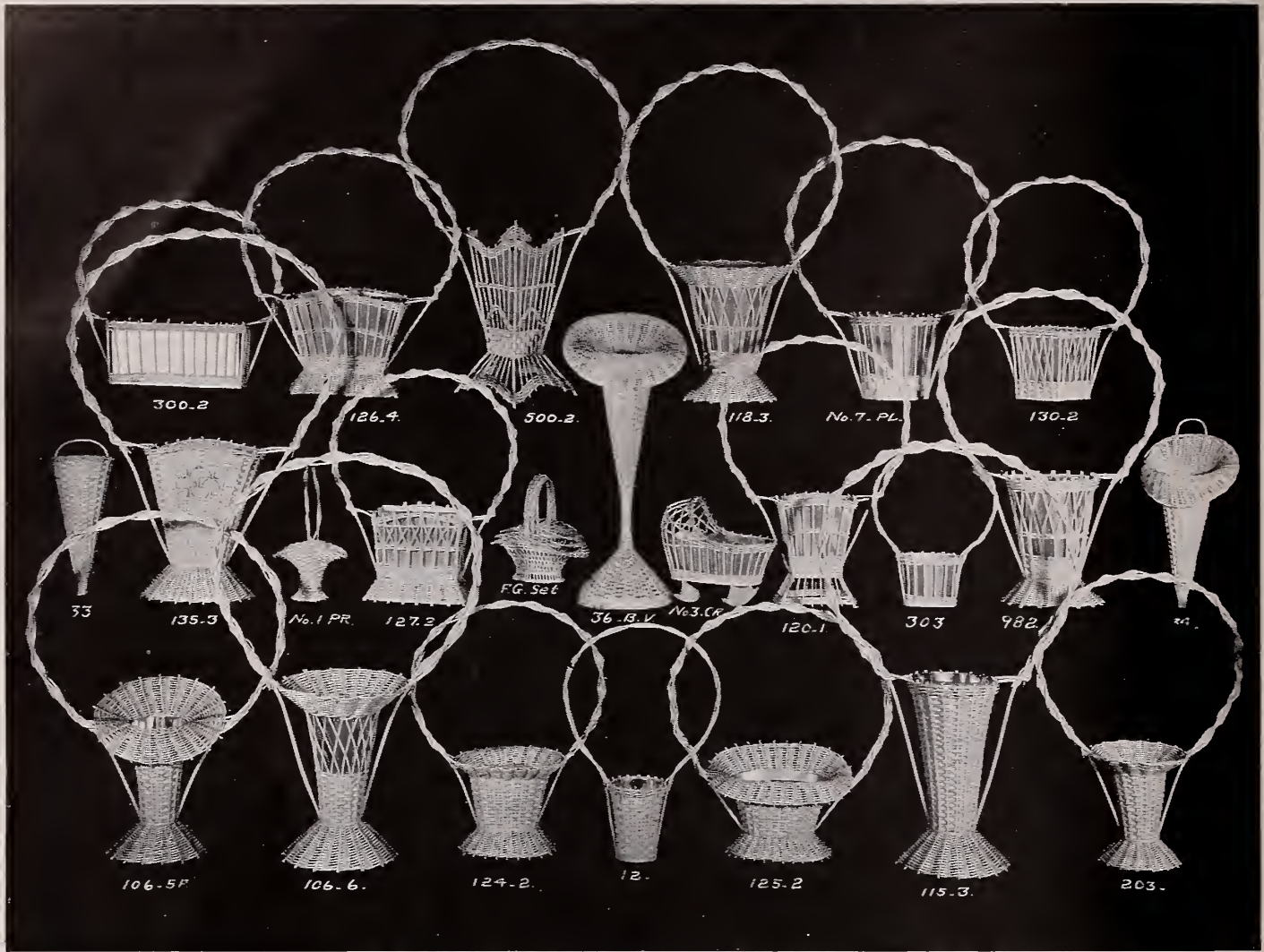


SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight.

Outside dimensions of Window Boxes, Model A.			
Length	Width	Depth	Price
24 inch	8½ inch	6¼ inch	\$1.25
30 inch	8½ inch	6¼ inch	1.50
36 inch	8½ inch	6¼ inch	2.15
42 inch	8½ inch	6¼ inch	2.65

Packed six of a size in a crate. 10% discount on crate lots.





Lowest Prices We Have Ever Quoted on Baskets

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

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

Model	Size of Opening, Ins.	Height of Body, Ins.	Inches Over All	Price Each	Model	Size of Opening, Ins.	Height of Body, Ins.	Inches Over All	Price Each
No. 10	4	7	21	\$0.35	No. 127/1	3 1/2 x 8	9 1/4	26	\$1.00
No. 12	5	7 3/4	23	.45	No. 127/2	4 1/4 x 9 1/2	10 1/2	26 1/2	1.25
No. 98/1	6 1/2	11 1/4	28	.95	No. 135/1	4 3/4 x 9 1/2	13	30	1.10
No. 98/2	7 1/2	13 1/2	34 1/2	1.10	No. 135/2	4 1/2 x 10 1/2	15 1/2	37	1.30
No. 98/3	9	14 1/2	47	1.30	No. 135/3	6 x 11 1/4	17 1/2	40	1.60
No. 106/1	3 1/2	9 1/2	25	.60	No. 203	5 1/2	12	32	1.00
No. 106/2	4	10 3/4	27 1/2	.75	No. 303	3 1/2 x 5 1/2	6	18 1/2	.40
No. 106/3	4 1/2	12	30 1/2	.90	No. 130/1	6x6	7	23	.80
No. 106/4	5 3/4	14 1/2	35	1.10	No. 130/2	6 3/4 x 6 3/4	8 1/4	25 1/2	1.00
No. 106/5	6	16 1/4	40	1.30	No. 1 Cr.	4x9	11		.95
No. 106/6	7	19 1/2	44	1.50	No. 2 Cr.	5 1/2 x 12 1/2	12		1.30
No. 106/1F	3 1/2	10 1/2	24 1/2	.75	No. 3 Cr.	6 1/2 x 14 1/4	12 1/2		1.95
No. 106/2F	4	12	29	.80	No. 33	4x3		14 1/2	1.45
No. 106/3F	4 1/2	13 1/2	32	1.00	No. 34	4x5		21 1/2	1.10
No. 106/4F	5 3/4	14 1/2	35	1.10	32 BV	6 1/2		32	1.30
No. 106/5F	6 1/2	19	37 1/2	1.35	36 BV	6 1/2		36	1.95
No. 106/6F	7 1/2	21	42	1.45	40 BV	6 1/2		40	2.35
No. 115/1/2	5 1/2	10	26	.75	No. 300/1/2	4 1/2 x 9 3/4	6	17	.85
No. 115/1	6 1/2	13 1/2	33 1/2	1.00	No. 300/1	5 1/2 x 12 1/2	7 1/2	20	1.00
No. 115/2	7 1/2	16	37 1/2	1.15	No. 300/2	5 1/2 x 14	7 1/2	22	1.15
No. 115/3	8	19 1/2	46	1.50	F.G. Set No. 1	4x6	4	9 1/4	} per set 1.10
No. 118/1	6 1/2	12	31 3/4	1.00		4 1/2 x 7	5	11		} per set 1.45
No. 118/2	7 1/2	14 1/2	35	1.30	F.G. Set No. 2	7x7	5	11	} per set 1.45
No. 118/3	8 3/4	15 1/2	39	1.45	No. 500/1	6 1/2 x 6 1/4	16 1/2	36		1.35
No. 120	5x8	12	31	1.10	No. 500/2	7x7	18	44	1.60
No. 124/1	4x7 1/4	9	23	.65	No. 6 Pl	7 1/4	7 1/2	25	.80
No. 124/2	5x7 1/2	10 1/2	25	1.10	No. 7 Pl	9	9 1/2	26	.90
No. 125/1	4x7 1/4	10 3/4	24	1.10	No. 8 Pl	10	11	28	1.00
No. 125/2	5x7 1/2	11 1/2	25	1.25	Princess No. 0	3	7	16	.50
No. 126/1	3 1/2 x 7 1/2	9	22 1/2	.95	No. 1	3 1/2	7 1/2	18	.60
No. 126/2	4 3/4 x 8 1/2	9 1/2	23 1/2	1.00	No. 2	3 1/2	8	22	.80
No. 126/3	4 1/2 x 10	10 3/4	25 1/2	1.15					
No. 126/4	5 3/4 x 13	....	27 1/2	1.50					

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 1 1/4 yds. long. Each, \$1.85; 3 for \$4.95. Postage, 20c each, extra.

BLOOMTINT. For coloring cut flowers. We can supply all standard shades. Large jar, \$1.25. Assortment of 10 small jars, one of each shade, for \$2.75.

MODEL EXTENSION CARNATION SUPPORTS

Bases or bottom circle made of No. 12 galvanized wire, top circle of No. 13 galvanized wire; diameter of top circle 6 3/4 inches, bottom circle 7 1/2 inches; total height of support extended 24 inches; shipping weight, two-ring supports, approximately 360 pounds per thousand; three-ring supports, approximately 410 pounds per thousand.

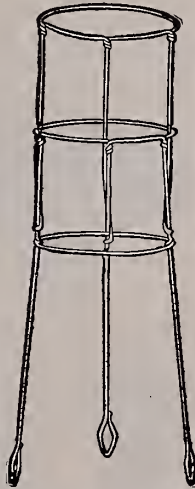
Price, 2-ring supports, \$6.25 per 100; \$54.00 per 1000. 3-ring supports, \$6.95 per 100; \$60.00 per 1000.

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.



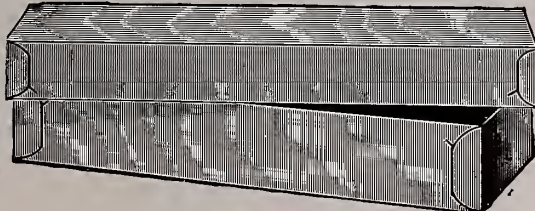
PEONY SUPPORTS. Made of heavy galvanized wire. Height about 42 inches, width about 13 inches. Can also be used for supporting Tomatoes, Dahlias, etc. Per doz., \$2.75; in 3 doz. lots, doz., \$2.65.



CUT-FLOWER BOXES

F. O. B. Chicago only

Printing \$2.75 extra. Cut-flower boxes put up in bundles of 25 complete boxes 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 a week to ten days extra for delivery. In lots of 250 of asst., sizes less 10%.

Prices subject to change without notice owing to market conditions. VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.			
	Weight	Per	Weight
Size in inches	Per 100	100	Per 100
3 x 21x5	40 lbs.	\$3.65	5x28x 8
3 1/2 x 24x5	50 lbs.	4.25	5x36x 8
3 1/2 x 30x5	65 lbs.	5.00	5x42x 8
4 x 24x8	70 lbs.	6.25	165 lbs.
			13.50

FLORAL DESIGN BOXES. Mist gray. Full telescope.

No. 25. 6x30x12.....	100 \$15.35	No. 27. 8x20x20.....	100 \$23.40
No. 26. 10x36x14.....	36.00	No. 28. 8x24x24.....	27.75

Packed 25 complete per bundle.

CORSAGE BOXES. Pearl Gray.

10x6x5 1/2, 30 lbs.	100 \$3.75	12x8x5 1/2, 45 lbs.	100 \$4.60
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Write for Special Discounts on quantity orders.

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. First quality. Each, \$1.90; doz., \$20.00.



Extra Quality Birds. Price, ea., \$2.10; 6 for \$11.50; doz., \$21.50.

CAPE FLOWERS. Pure White. Extra fine quality.....\$1.35 Colored. Bright shades..... 2.25

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, \$1.95 postpaid.

LETTERS AND FIGURES



BOSTON FLORISTS'.

Patent fasteners with each letter, 1 1/2 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, 4 1/2c.

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, 4c per word; per 100 words, \$2.75; per 1,000 words, \$20.00.

CLOCK DIALS. Purple face with white figures, or white face with purple figures. 4-inch, per doz., \$3.75; 7-inch, per doz., \$5.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package. 1 1/4-in. per 100, 75c; per 1,000, \$3.50; 3/4-in., per 100, 60c; per 1,000, \$3.00.

CHENILLE LETTERING. Silk—Purple, scarlet, pink, light blue, yellow and white, at 55c per pkg. of 12 yds.; \$5.50 per doz. pkgs.

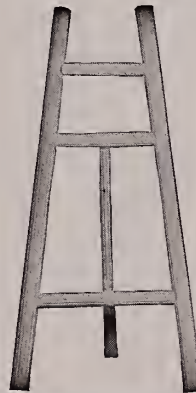
Worsted, Large—Purple, pink, scarlet, light and dark blue, white or yellow, at 60c per pkg. of 12 yards; \$6.00 per doz. pkgs.

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

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

WOOD EASELS

Strong, well made, finished in white enamel.			
Height	Per Doz.	Height	Per Doz.
36-inch.....	\$3.75	54-inch.....	\$5.25
42-inch.....	4.20	60-inch.....	5.75
48-inch.....	4.75		



VASE. Green Earthenware Cemetery. A strong and ornamental vase, that keeps its color. Retail at 50c.

Each, 35c; per dozen, \$3.00; 3 dozen for \$8.50.

Tin, Green Painted, with spike. Each, 15c; doz. \$1.45; 3 doz. for \$3.95.

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter		Ht.	Per Doz.
	Top	Bot.		
253	4 3/4 in.	3 1/2 in.	10 in.	\$3.95
255	6 1/2 in.	5 1/4 in.	12 in.	4.95
257	6 1/2 in.	5 1/4 in.	15 in.	5.60
57	5 in.	3 1/2 in.	5 in.	2.60
59	6 1/2 in.	5 1/2 in.	7 in.	3.95
65	7 1/2 in.	6 1/2 in.	8 in.	4.80
66	9 in.	7 1/2 in.	10 in.	5.75
68	9 in.	7 1/2 in.	12 1/2 in.	6.95
69	9 in.	7 1/2 in.	18 in.	7.95
70	9 in.	7 1/2 in.	24 in.	9.60

HYACINTH GLASSES

Tall American, in four distinct colors. \$3.20 per dozen; 3 dozen, \$9.00.

Tye Shape. These are preferred by some to the ordinary tall: Per doz., \$3.20; 3 doz., for \$9.00.



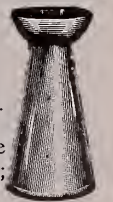
Tye Shape



Tin, Green Vase



Galv. Vase



Rubber Hose, Couplers, Nozzles, Etc.

VAUGHAN'S FLORIST GUARANTEED HOSE

These prices are subject to change without notice.

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

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

25 to 49 feet.....per ft. 18c | 50 to 99 feet.....per ft. 17c | 100 to 400 feet.....per ft. 16½c
In bales of 500 ft., 14c ft.

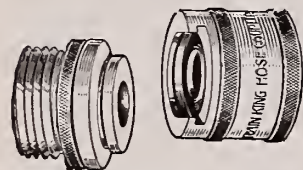


CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 ft., 11½c ft.; 100 to 500 ft., 11c ft.

Price ¾ and ½ inch; couplings 15c per set; sample mailed free if desired.

HOSE COUPLER, The "Snap." Simple—Durable—always tight. Attach to threaded coupling, thereafter no more trouble. It snaps on. Price per doz., \$5.40.

Corrugated Brass hose coupling, for ½ or ¾-in. hose. Each, 20c; doz., \$1.50. 1-in., each, 28c; doz., \$2.25.



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. ¾-inch. Price, 50c; doz., \$5.40.

HOSE CLAMPS, with nut and bolt. For ¾-inch hose. Each, 4c; doz., 35c; gross, \$3.00.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 20c; per doz., \$2.00.



PERFECT CLINCHING HOSE MENDER.

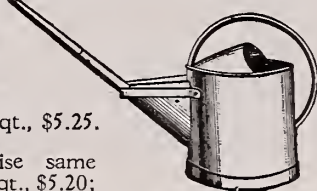
Each, 10c; doz., 80c.

HOSE MENDERS, Brass Tube.—¾-in. Each, 5c; doz., 50c; gross, \$4.20.

WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.10; 6-qt., \$4.35; 8-qt., \$4.60; 10-qt., \$4.90; 12-qt., \$5.25.

French Style. Oval, otherwise same make as above. 6-qt., \$4.85; 8-qt., \$5.20; 10-qt., \$5.50; 12-qt., \$6.10.



French Style

HOSE NOZZLES.



"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3¾ inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

Paradise Syringing Nozzle. Each \$2.50; three for \$7.90.

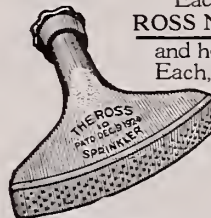
Boston Rose Spray Nozzle.



Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.

"Gem"—Throwing all variations, from fine spray to stream. Each, 50c; doz., \$5.00.

ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, 85c; 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 ½ or ¾-inch hose, each, 8c; 4 for 25c; doz., 70c. 1-inch hose, each, 10c; doz., 90c.

HOSE STRAPS, Caldwell. For ½, ¾ and 1 in. hose. Doz., 35c; gross, \$3.25.

HOSE WASHERS. ¾-inch. Doz., 5c; gross, 50c.

Florists' Knives

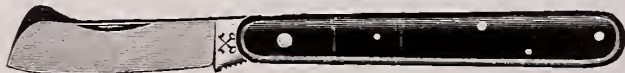
The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment

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



Vaughan's Florist (Henkel Brand)

Vaughan's Florist—3 for \$4.00; 12 for \$14.00.....\$1.50



No. 5A Each 3 for

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



No. 801 Each 3 for

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

Propagating, No. 1011. Aluminum handle (imported).....\$2.00
3 for \$5.00.

Henkel's White Handle, with Brass Caps, 2 blades, budding and prop., No. 727W. 3 for \$5.00..... 2.00

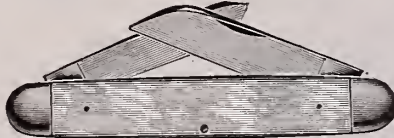
Imported Nurseryman's Extra Heavy Pruner, No. 3C... 2.25
Imported strong, No. 2C..... 2.00

Putty Knife—No. 120, a very good tool; 3 for \$1.00..... .35

Pruning, Stag handle..... 2.50



Vaughan's Prop. No. 89030, white handle, one blade, ea., \$1.00; 3 for \$2.50; doz., \$9.00.



Vaughan's Budding and Prop. No. 86281, with Brass Caps, each, \$1.25, doz., \$11.00.



White Handle, No. 83023W, silver nickel shackle for chain attach. Ea., \$1.25; 3, \$3.00.

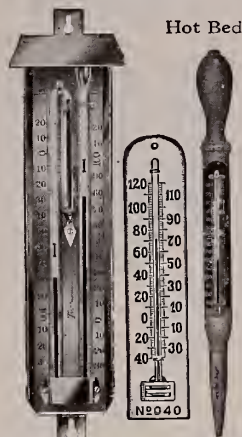
Greenhouse and Garden Supplies

THERMOMETERS. 8-in., ordinary grade tin case thermometer, black lithographed scale, red permacolor tubes, each, 35c; doz., \$2.75.

Tin Case. Standard grade (tested). 8-in., standard grade guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube, each, \$1.00; 3 for \$2.75; doz., \$10.00.

Cabinet. Wood case; metal face. 8-in., cabinet thermometer, black oxidized metal scale mounted on wood back, easy reading red permacolor tubes, each, 50c; 3 for \$1.25.

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.

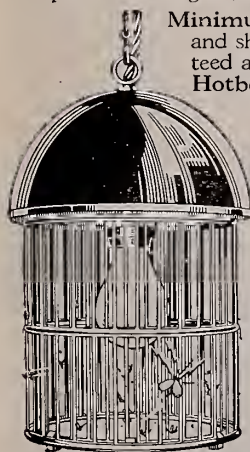
Hotbed (Mushrooms). Brass point, wood frame. 18-in., Hot Bed or soil thermometer, guaranteed accurate, each, \$2.50.

No. 40. Greenhouse. White porcelain steel frame enameled. Black scale and figures, Range 60 to 120 degrees, non-fading red spirit magnifying lens tube. Each, 50c; doz., \$4.50.

ELECTRO STATIC LAMP

The Light that Kills (Ignus Mortis)

Rid your home, garden and greenhouse of insect pests by installing one or more Electro Static lamps, which will exterminate by electrocution, all insects attracted to it by the light at night and bait in day time. Operating cost, a mere trifle. Harmless to domestic animals. Price, \$9.95.



SASH, Hotbed. Unglazed, 3x6 ft., for 3 rows, 10-inch single glass, each, \$2.35; 3 for \$6.50; doz., \$23.40. Glazed, single strength, each, \$4.60; doz., \$51.00.

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

Add 30c per sash for double-strength glass. 50c Packing charge when less than four glazed sash are ordered.

CELO GLASS. Will take the place of glass in hot bed sash, unbreakable and very light in weight, put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$9.00; 100-ft. roll, \$33.00.

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.

WINDOW FABRIC. Vio-Ray. The most popular glass substitute; transparent, waterproof and weatherproof, 36 inches wide; put up in 25, 50 and 100-yd. rolls. Per yd., 20c.

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

MILO WATERPROOF HOTBED MATS.



A combination of heavyweight 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, \$2.10; doz., \$18.00. Size, 76x76 in., ea., \$3.85; doz., \$36.00. Write for prices in continuous lengths.

THERMOCLOCK

A new 6-inch circular thermometer will record temperatures from 60 degrees below to 160 degrees above Fahrenheit, with guaranteed accuracy, being constructed of rust proof metal. Housed in its Bakelite case, it is practically indestructible, not being subject to breakage by any sudden rise in temperature. Each, \$2.00; 3 for \$5.00. Thermoclock, equipped to attach warning signal. Each, \$5.00; 3 for \$13.50.



Glazing Tools, Materials and Paints

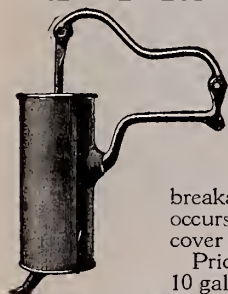
ALL THE BEST MATERIALS FOR GREENHOUSE USE

MASTICA, For Glazing

Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass easily removed and replaced by new without

breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.45; 5 gals., \$12.00; 10 gals., \$23.00.



MASTICA MACHINE—Each, \$3.00.



PUTTY BULB

GARLANITE. The original white glazing compound, price 40 and 60 gal., drums, \$2.35 per gal.; kegs 10 and 20 gals., \$2.40 per gal.; 1 and 5 gal., cans, \$2.45 per gal.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run, and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at 95c a gal.; 10 and 5-gal. drums at \$1.25 a gal.; one gallon can, \$1.50.

GLAZING GUN. Each \$7.00. 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., \$2.60; 5 gals., \$12.50; 10 gals., \$24.50.

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, \$1.35; 3 for \$3.75; doz., \$13.00; in three doz. lots, doz., \$12.50; in six doz. lots, doz., \$12.00. If by mail (weight under 1 lb.).

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

No. 2. For large single thick glass. No. 2½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½ 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., 50c; 5 lbs., \$2.25; 20 lbs., \$8.00.

CLAMP, Peerless Repair

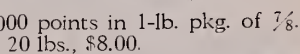
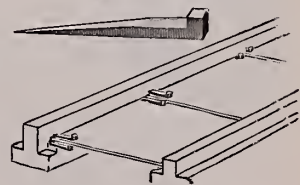
Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, \$1.35.

DIAMOND GLASS CUTTER. With guide wheel. Each, \$4.75.

RED DEVIL GLASS CUTTER. Doz., \$1.80; 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., \$3.45; 5 gals., \$16.25; ½ bbl., at \$2.75 gal.



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, \$1.00; 500 for \$4.50; per 1000, \$8.00. (If shipped from New York, per 100, \$1.45; 500 for \$5.75; per 1,000, \$10.00.) Special price on larger lots on application.

Heavier Grade. 1/3 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, \$2.00; 500 for \$8.00; 1000, \$14.00. (If shipped from New York, per 100, \$2.35; per 500, \$8.95; per 1000, \$16.50.)

Japanese Bamboo Stakes, Plain and Green Painted.

	F. O. B. Chicago		F. O. B. New York	
	Per 100	Per 1000	Per 100	Per 1000
1 1/2 feet.....	\$0.60	\$2.45	\$0.50	\$1.95
2 feet.....	.75	2.95	.60	2.45
2 1/2 feet.....	.90	3.45	.75	2.95
Natural. 6 ft.....	1.45	8.25	1.35	7.75
3 feet.....	1.00	3.95	.85	3.45
3 1/2 feet.....	1.10	4.75	.95	4.25
4 feet.....	1.25	5.75	1.10	5.00

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, \$3.50; 1000, \$6.75.

Write for price on green painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, 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		F.O.B. Chicago	
		Per 100	Per 1000	Per 100	Per 1000
4 ft.	1/2 to 3/8 inch.....	\$2.50	\$2.75	3.25	3.85
4 ft.	5/8 to 3/4 inch.....	3.50	4.00	4.00	4.50
5 ft.	5/8 to 3/4 inch.....	4.00	4.50	4.75	5.50
6 ft.	5/8 to 3/4 inch.....	4.00	4.50	4.75	5.50
8 ft.	5/8 to 3/4 inch.....	4.75	5.50		

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice.

No. of Gauge, No. 9 Wire	Per 100	Per 1000	No. 8 Wire	Per 100	Per 1000
1 1/2 feet.....	\$0.85	\$4.85	3 1/2 feet.....	\$1.75	\$12.50
2 feet.....	1.00	6.50	4 feet.....	2.15	14.00
2 1/2 feet.....	1.20	7.75	5 feet.....	2.45	17.00
3 feet.....	1.35	9.25	6 feet.....	2.95	21.00

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, \$2.00 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, \$21.00.

No. 2 Machine. Total height, 46 inches; size of roll, 6x42; suitable for large establishment. Each, \$31.00.

FLOWER TUBS. "Richmond Style."

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York. Prices subject to change without notice.



No.	Inside Diameter	Top Depth	Price, Each	Four For	No.	Inside Diameter	Top Depth	Price, Each	Four For
No. 1.	7 in.	6 in.	\$0.55	\$2.00	No. 9.	14 in.	13 in.	\$1.50	\$6.00
No. 3.	8 in.	8 in.	.65	2.40	No. 11.	16 in.	15 in.	1.70	6.40
No. 5.	10 in.	9 in.	.75	2.80	No. 13.	18 in.	17 in.	2.50	9.60
No. 7.	12 in.	11 in.	1.10	4.00	No. 14.	19 in.	18 in.	2.95	11.40

If handles are required, add 35c per tub.

NEVA CLOG. Stapling Pliers, see how quickly you can make a smart looking package. Each, \$4.50; staples per 1,000, 75c; 10,000 for \$5.00.



Prices on pots subject to change without notice

IMPROVED NEPONSET PAPER FLOWER



POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, f.o.b.		Original hold crates of 1000	Gross wt. of 1000 pots about
		New York	Chicago		
2.....	\$0.50	\$ 3.80	\$ 4.00	1,000.....	10 lbs.
2 1/4.....	.55	4.00	4.20	1,000.....	12 lbs.
2 1/2.....	.60	4.40	4.60	1,000.....	16 lbs.
3.....	1.00	5.60	5.95	1,000.....	24 lbs.
3 1/2.....	1.10	7.40	7.65	1,000.....	34 lbs.
4.....	1.20	8.95	9.45	500.....	46 lbs.
5.....	1.85	12.50	13.00	500.....	74 lbs.
6.....	2.40	16.35	16.95	500.....	102 lbs.

FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.

No. of Pots in Crate	Sold in Crate	Lots Only	No. of Pots in Crate	Price per 1000	
2 in.....	1,500.....	\$ 7.25	6 in.....	117.....	\$ 5.60
2 1/2 in.....	1,200.....	9.50	7 in.....	99.....	9.35
3 in.....	800.....	12.25	8 in.....	50.....	12.75
4 in.....	360.....	2.25	9 in.....	28.....	20.00
5 in.....	240.....	3.90	10 in.....	24.....	26.00
			12 in.....	6.....	53.50

PLANT BANDS. For growing plants in flats.

Put up in cartons of 1,000.
2 inch per M.....\$2.70 3 inch per M.....\$4.65

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.

Size	Quan. per Case	Shipping Wt. per Case	Price per M
2 1/4 inch	1000	16 lbs.	\$ 5.00
2 1/2 inch	1000	22 lbs.	5.65
3 inch	1000	28 lbs.	6.85
4 inch	500	26 lbs.	10.65
5 inch	500	44 lbs.	14.75
6 inch	500	62 lbs.	19.50

AZALEA POTS, also suitable for Boston Ferns

No. of Pots in Crate	Per 100	No. of Pots in Crate	Per 100		
6 inch.....	117.....	\$ 5.60	9 inch.....	28.....	\$20.00
7 inch.....	99.....	9.35	10 inch.....	24.....	26.00
8 inch.....	50.....	12.75	12 inch.....	6.....	53.50

BULB PANS

Size	Doz.	Per 100	Size	Doz.	Per 100
5 inch.....	\$0.75	\$3.90	8 inch.....	\$2.10	\$12.75
6 inch.....	.90	5.60	10 inch.....	3.65	26.00
7 inch.....	1.60	9.35			

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

Reeds, Raffia and Basket Bottoms

REEDS. Extra White, prime quality.

No.	Per lb.	5 lbs. Per lb.	No.	Per lb.	5 lbs. Per lb.
No. 1.....	\$0.85	\$0.80	No. 5.....	\$0.60	\$0.55
No. 2.....	.83	.80	No. 6.....	.50	.45
No. 3.....	.80	.77	No. 7.....	.45	.40
No. 4.....	.75	.68	3/8-inch Flat..	.65	.60

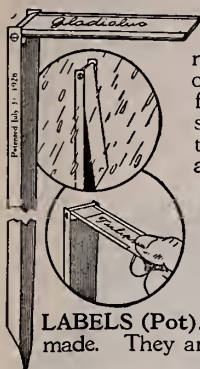
RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 35c; 5-lb. lots, per lb., 30c; 10-lb. lots, per lb., 28c; 25 lb. lots, 24c; 100 lb., 20c. Bale lots (about 225 lbs.), per 100 lbs., \$18.00.

Dyed—Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., 75c; 5 lbs. at 70c; 10 lbs. at 65c; 25 lbs. at 60c; Samples on application.

BASKET BOTTOMS. Veneered Basket Bottoms for Reed weaving

Size	Each	Per 100	Size	Each	Per 100
3-inch, Round.....	\$0.05	\$4.35	6x10-inch, Oval	\$0.15	\$13.00
4-inch, ".....	.06 1/2	6.00	8x14-inch, ".....	.24	22.00
5-inch, ".....	.07 1/2	7.00	10x16-inch, ".....	.29	27.00
6-inch, ".....	.09 1/2	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, ".....	.09 1/2	8.75
3x 6-inch, Oval.....	.08 1/2	7.50	8-inch, ".....	.13 1/2	12.50
4x 8-inch, ".....	.11	9.50	10-inch, ".....	.20	18.00
			12-inch, ".....	.24	22.00

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.

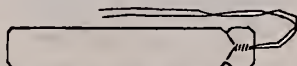
	Doz.	25	50	100
12-in.,	\$1.20	\$2.00	\$3.75	\$7.00
18-in.,	1.50	2.50	4.75	9.00

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

	Per 1,000	Plain	Painted
Wooden, 4-in., plain, 10,000,	\$13.50	\$1.40	
" 4 " painted, 10,000,	\$16.50		\$1.75
" 5 " "		1.60	2.00
" 6 " "		1.75	2.25
" 8 " Garden Labels 7/8-inch Wide		3.75	4.75
" 10 " " "		4.75	5.75
" 12 " " " 1/8-inch "		6.50	8.00

LABELS (Tree). Wooden, 3 1/2 in., iron wired..... 1.50 1.95
Wooden, 3 1/2 in., copper wired..... 1.60 2.10

COPPER LABELS. Wired, indestructible. Per 100, \$1.50; larger size, per 100, \$2.15.



HEAVY WOOD LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of 3/8-inch timber. Paint with white lead before using, and write before paint dries.

Length, 16 inches, per 100, \$3.25; 18 inches, per 100, \$4.25.

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. The writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure 3 3/4 x 3/4 inches. Price per 100, \$1.50.

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.

SPHAGNUM MOSS. Bright, clean, new growth, free from brush or grass is being worked out in Wisconsin district. We quote L. C. L. lots as follows.

Burlapped Bales. (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots per bale, 55c; 25-bale lots per bale, 50c.

VAUGHAN'S CLEAN SPHAGNUM FOR FLORISTS
For Carloads Write Us.
50c. Write for price on moss in large quantities F. O. B. Woods.
Burlapped Bales. (Size as above) F. O. B. CHICAGO. Single bale, 95c; 5 bales, \$4.50; 10 bales, \$8.50. Write for price on larger quantities.

New York Prices, 35 cents per bale higher. Cartage free.
Sheet Moss Green, for Windows, Baskets, etc. Per sack, \$1.85; 5 sacks, per sack, \$1.75.

Above prices subject to change without notice.

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, \$9.00.
Globe Garden Barrow, ea., \$6.00; Golf Barrow, ea., \$8.00.



Paper

Prices on Paper subject to Market changes.

Pure White Glazed Florist Tissue. 24x36 inches, f. o. b. Chicago, ream (400 sheets), \$1.25; 10 reams (4000 sheets), \$9.95; f. o. b. New York, ream (480 sheets), \$1.60; 10 reams (4800 sheets), \$13.00.
White Wax. Medium, 24x36 inches; f.o.b. Chicago, 400 sheets, \$1.40; f.o.b. New York, 480 sheets, \$1.70.
Green Wax. Beautiful shade light green, 24x36 inches, f.o.b. Chicago, 400 sheets, \$1.60; f.o.b. New York, 480 sheets, \$2.00.
Green Wax Paper. 3-inch rolls; a time-saver and no waste; 12 lbs. to a box. Per box of 12 rolls, \$1.75; 3 boxes for \$5.00.



Waterproof Crepe Paper. In green, pink, lavender, yellow and purple; per roll, 35c; per doz., \$3.50; 25 rolls, \$6.25; per 100 rolls, \$23.50.

Kraft Wrapping in rolls, all weights and sizes. Price, per lb., 7c; green, per lb., 10c.

PENCILS. Weatherproof. For marking labels. Each, 10c; doz., \$1.00.

MATS, Imported Wood Fibre. These artistic mats used for decorating all blooming plants. Assorted colors, plain and two-tone, per doz., 85c; per 100 \$3.25; 500 for \$13.75.



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
5-in.....	\$0.95	\$ 7.00
6-in.....	1.20	9.00
7-in.....	1.50	10.50
8-in.....	1.65	12.50

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., \$2.25; 100, \$16.50. 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.

Ribbons and Chiffons

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



Radiance

Pattern 1900, No. 5 Radiance Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Per spool, 95c. 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 3/4-inch. Per bolt, 50c; 10 bolts for \$4.75.

Plain Edge Metaline Shower Ribbon No. 2. 50-yard bolt, 95c; 10 bolts for \$7.50.

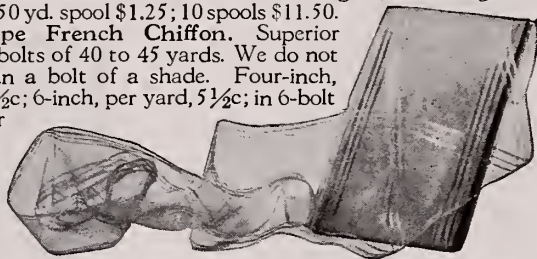
Picot Edge White Metallic Shower Ribbon. Something new and very rich looking. Price per bolt of 50 yds., 95c; 10 bolts for \$8.00.

Picot Edge White Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50-yards, 95c; 10 spools for \$9.00.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz. \$6.00.

Tinsel Ribbon. One inch wide, a rich pot tie ribbon also used for making bows for baskets and wreath work. In gold, silver or green or red gold, 50 yd. spool \$1.25; 10 spools \$11.50.

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, 4 1/2c; 6-inch, per yard, 5 1/2c; in 6-bolt lots, 5 1/4c, per yard.



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., 7c; 6 Bolts, at 6 1/2c per yard.

Ribbonzene Crinkle Baby Ribbon No. 1. All colors. 500-yard spool 95c; doz. spools, \$10.20.

Valley Pattern Chiffon. Pink, white, lavender and purple. 6-inch, per yard, 7 1/2c; Six bolts at 7c per yard.



Dotted Chiffons, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch per yard, 6c; 6-inch, per yard, 7 1/2c.

Corsage Shields. Lacette's. All colors. Per doz., \$1.50; gross, \$15.00.

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, \$1.10; six bolts for \$6.00.

Silk Fibre Ribbon

Elephant Gauze or Metaline. This ribbon has a bright metallic lustre with striped edges, width 5 1/2 inches, for baskets and bouquets; we carry a stock of all colors. Bolts average 40 yards each; per yard, 4c.

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 Vertical Vases

No.	Height	Sizes		Shipping Wt. per Carton	Quantity per Carton	Price
		Top Dia.	per Carton			
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 3/4 in.	16 lbs.	1 dozen	6.00 per dozen	
No. 15	15 in.	5 1/2 in.	18 lbs.	1/2 dozen	7.80 per dozen	

Arveyware Pedestal Vases

No.	Height	Sizes		Shipping Wt. per Carton	Quantity per Carton	Price
		Top Dia.	per Carton			
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 3/8 in.	18 lbs.	1 dozen	7.80 per dozen	
No. 15	15 in.	5 1/2 in.	20 lbs.	1/2 dozen	9.60 per dozen	

Arveyware Flower Pot Covers

No.	Height	Sizes		Shipping Wt. per Carton	Quantity per Carton	Price
		Top Dia.	per Carton			
No. 6	6 in.	6 in.	11 lbs.	1 dozen	\$15.00 per 100	
No. 7	7 in.	7 in.	14 lbs.	1 dozen	17.00 per 100	
No. 8	8 in.	8 in.	17 lbs.	1 dozen	20.00 per 100	



Jardiniere

Celluware Vases Jardinieres and Boxes

Jardinieres

	No. 300	No. 400	No. 500	No. 600	No. 700	No. 800	No. 900
Inside Top Diameter—Inches.....	4 1/2	5 1/4	6 1/2	7 3/8	8 3/4	9 3/8	11
Inside Height—Inches.....	3 1/2	4 5/8	5 3/8	6 3/8	7 3/8	8 3/8	9 3/4
Number to Container.....	100	100	50	25	25	20	10
Weight per Container—Pounds.....	18	37	27	21	24	26	20
Price per 100, Standard Colors.....	\$11.50	\$14.25	\$15.50	\$17.00	\$31.00	\$42.50	\$57.00
Price per Dozen, Standard Colors.....	1.60	1.95	2.15	2.35	4.30	5.85	7.90
Price per 100, Special Colors.....	12.50	15.25	16.50	18.50	32.50	44.00	58.50
Price per Dozen, Special Colors.....	1.75	2.10	2.30	2.55	4.50	6.10	8.10

Standard Colors: Forest-Green, Saffron-Green and Cobalt-Violet.

Special Colors: Blue or any Standard Color with Gold or Silver Spray.

Flower Boxes

These water-tight fibre boxes are used for hyacinths as well as potted plants. Excellent for special holiday and banquet occasions or for hospital delivery.

Standard Colors: Forest-Green, Saffron-Green and Cobalt-Violet

Special Colors: Blue or any Standard Color with Gold or Silver Spray.



Flower Box

Cylinder Vases

These durable sturdy vases are artistic and convenient for any display purpose. Recommended for hospital or institutional use. Cannot rust, "sweat," scratch or otherwise mar furniture.

	No. 9	No. 12
Inside Top Diameter—Inches.....	3 1/2	4 1/2
Height—Inches.....	8 1/2	11 3/8
Number to Container.....	25	20
Weight per Container—Pounds.....	13	20
Price per 100, Standard Colors.....	\$14.25	\$28.50
Price per Dozen, Standard Colors.....	1.95	3.95
Price per 100, Special Colors.....	15.25	30.00
Price per Dozen, Special Colors.....	2.10	4.15

Standard Colors: Forest-Green, Saffron-Green, Cobalt-Violet, Special Colors: Blue or any Standard Color with Gold or Silver Spray.



Cylinder Vase

Packed one dozen to a carton except where noted. (Shipped only in full carton lots.)

Prepared Leaves, Bouquet Material

IMMORTELES, Colored. White, Purple, Bright Scarlet, Pink. Blue, Light Green; bunch, 75c; doz., \$7.80.

Natural (Yellow), bunch, 70c; dozen, \$7.20.

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. \$1.50; 6 at \$1.45 each. Red per carton, \$2.10; Case of 100 lbs., \$20.00.



LYCOPODIUM. Prepared. 10 lbs. to carton. Price, per carton, \$1.90; 3 cartons, \$1.80 per carton; 100 lbs., \$16.00.

OAK LEAVES. Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, \$1.25; 6 cartons, \$1.15 each.

OAK SPRAYS. Prepared. Large selected branches in Red, Brown and Green. Price, per lb., 35c; 10 lbs., \$2.75. Write for prices in case lots.

RUSCUS. Dyed Red or Green. Best quality. Price, 1 lb., 85c; 5 lbs. for \$4.00; 10 lbs. for \$7.00.

IMPORTED STATICE. Used extensively in Wreaths and Baskets. Natural, per lb., 90c; 10 lbs. for \$7.50.

GYPSOPHILA. (Baby Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill in for floral work, or baskets. Price per bunch, 75c; 6 bunches for \$4.20.

COLORED GYPSOPHILA. Rose-pink, orange, Nile green, yellow, blue, and violet. Per bunch, \$1.00; 6 bunches for \$5.70.

MATCH-STICKS. Dyed green; 5-inch, 65c; 12-inch, \$1.50; 18-inch, \$1.95 per 1000.

GREEN WIRED MATCH-STICKS. 3-inch, per carton of 8,000, \$3.40; 4-inch, per carton of 10,000, \$6.50; 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, \$11.00.



FERN PIN. New Philly. The bend holds the leaves firmly; easier to handle. Per box, \$1.75.

PINS, GREENING. Adapted for pinning on galax leaves, dagger or fancy ferns, sheet moss, etc., \$1.75 per box of about 10,000.

BULL DOG CLIPS. The clip with the grip. Per box of 1,000 clips, 65c; 10 boxes for \$6.00.



TIN FOIL. Price subject to change without notice. Terms cash. **Florists' Foil.** 5, 6 or 7 inch, 1 lb., 25c; 10 lbs., \$2.20; 25 lbs., \$4.35; 50 lbs., \$8.00; 100 lbs., \$15.00. **Violet or Green Foil.** Per lb. 40c; 10 lbs., \$3.50; 25 lbs., \$8.00. **WHEAT SHEAVES.** Write for prices.



CYCAS LEAVES. Prices subject to change without notice.

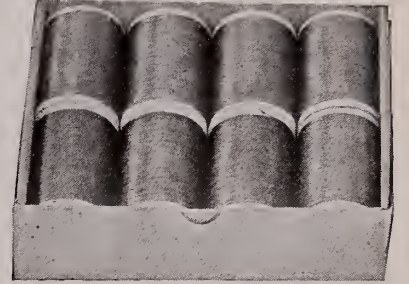
Length	Doz.	100	Length	Doz.	100
8 to 12 in.	\$0.60	\$2.50	28 to 32 in.	\$1.10	\$6.00
12 to 16 in.	.70	2.75	32 to 36 in.	1.25	7.00
16 to 20 in.	.80	3.25	36 to 40 in.	1.40	8.50
20 to 24 in.	.90	4.25	40 to 44 in.	1.65	10.00
24 to 28 in.	1.00	5.00	44 to 48 in.	1.90	11.00

TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in 5-lb. sacks. Price, \$2.10. Write for prices in larger quantities.

Polished Cotton. No. 228, for parcels. Put up in 1/2 balls, 50c. **Jute.** For bunching; 2 or 3-ply. Per lb., 25c; 10 lbs., \$2.25; per 100 lbs., \$18.00.

Silkline. For stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2-oz. spools, 1 lb. in box, 8 spools, \$2.00; FF, Medium, 2-oz. spools, 1 lb. in box, 8 spools, \$2.00; F, Fine, 2-oz. spools, 1 lb. in box, 8 spools, \$2.00.

Florists' Thread, Green. Best Yet brand. Similar to Silkline. Samples on application. 8 spools to a box. Per lb. box, \$1.25; 10 boxes at \$1.10 per box; 25 boxes at \$1.00 per box.



Green Sea Island Twine. Used for wrapping small packages—also for spray and design work. Put up in balls. 1 lb. box, 75c; 5 boxes at 70c per box.

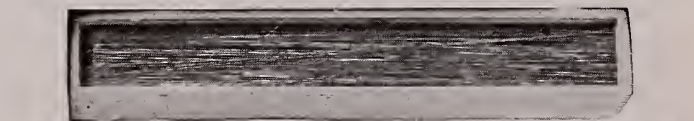
Green Florist Thread. This is a popular low priced thread. 8 spools to a box. Per box, \$1.00; 5 boxes for \$4.00.

WIRE. (Prices subject to change.) **Florist Wire on 12-lb. coils**

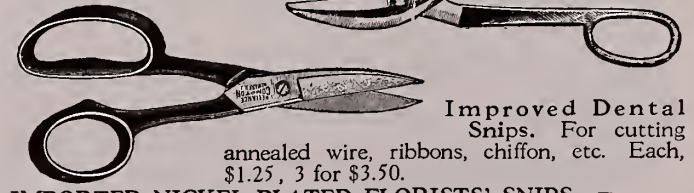
No. 18	\$1.25
No. 20	1.35
No. 22	1.50
No. 24	1.65
No. 26	1.85
No. 28	2.10
No. 36	3.60

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	\$1.25	\$1.45	\$1.60	\$1.75	\$2.20	\$2.75



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. Ea., \$1.50.

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 Vegetation Depend Upon Continuous and Rapid Growth

It has been demonstrated that crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Plant food of the right amount and kind controls the yield and quality of prod-

ucts 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, 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. Price, 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$14.50; 1000 lbs., \$27.00; 2000 lbs., \$52.00.

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. Price, 50 lbs., \$1.75; 100 lbs., \$2.75; 500 lbs., \$12.00; 1000 lbs., \$22.50; 2000 lbs., \$43.00.

Bone and Blood. For Cabbage, Cauliflower, Corn and other 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, 50 lbs., \$1.75; 100 lbs., \$3.35; 500 lbs., \$13.00; 1000 lbs., \$25.00; 2000 lbs., \$48.00.

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 prices.

Bloom Aid. A complete plant food for flowers, shrubs, vegetables and trees. Price, ton, \$70.00 delivered. Write for small package prices.

Loma. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Price, 1-lb. carton, 24 in a case, per case \$2.40; 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, \$4.20; 50-lb. bags, 2 bags to a sack, per sack, \$3.60; 100-lb. bag, \$3.00.

Dried Blood. For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$1.95; 50 lbs., \$2.75; 100 lbs., \$4.50; 500 lbs., \$17.50; 1000 lbs., \$32.00; ton, \$62.00.

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, 100 lbs., \$1.80; 500 lbs., \$8.00; 1000 lbs., \$14.50; 2000 lbs., \$27.00.

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 lb., \$3.50; 500 lbs., \$16.00; 1000 lbs., \$30.00; ton, \$55.00.

Hardwood Ashes. Canadian Imported. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. Is 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, 100 lbs., \$3.10; 500 lbs., \$13.00; 1000 lbs., \$23.00; 2000 lbs., \$43.00.

Horn Shavings. Quick-acting and lasting. Price, 50 lbs., \$3.25; 100 lbs., \$5.50; 500 lbs., \$25.00; Write for prices on larger quantities.

Humus. Recommended for top dressing or use on heavy clay soils. Price, 100 lbs., \$2.10; 500 lbs., \$9.00; ton, \$26.00.

Hydrated Lime. Price, 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.00; 2000 lbs., \$15.00; Carlots bagged \$12.00 ton delivered.

Muriate of Potash. Imported Potash once again available, should be used liberally, especially for all root crops. Price, 25 lbs., \$1.45; 50 lbs., \$2.40; 100 lbs., \$3.85; 500 lbs., \$17.00; 1000 lbs., \$32.00.

Peat Moss Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Bale, about 22 bushels, \$2.50; 5 bale lots, \$2.25 each. Write for quantity prices.

Peat, Orchid. Fern roots very useful for Orchids and Azalea. Price, \$2.75 per sack of two bushels; 5 sack lots, \$2.65; per sack.

Nitrophoska. A highly concentrated inorganic fertilizer, clean and odorless. 15 per cent nitragin, 30 per cent phosphoric acid and 15 per cent potash. Price, 1 lb. can 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., \$2.75

Write for prices on larger quantities in original bags.

Vaughan's Special Rose Grower Bone Meal.

"Rose Grower". This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 3.70 per cent; total phosphoric acid, 20 per cent. Price, 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$3.70; 500 lbs., \$16.50; 1000 lbs., \$29.00; 2000 lbs., \$54.00.

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., \$1.25; 50 lbs., \$2.10; 100 lbs., \$3.60; 500 lbs., \$15.00; 1000 lbs., \$27.00; 2000 lbs., \$51.00.

Vaughan's Sheep Manure. This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Price, 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.40; 500 lbs., \$11.50; 1000 lbs., \$21.00; 2000 lbs., \$40.00.

Scotch Soot. (Genuine Imported.) Florists 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, 50 lbs., \$2.75; 100 lbs., \$4.25; 500 lbs., \$17.50; 1000 lbs., \$32.00.

Nitrate of Soda or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Florists 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. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.35; 500 lbs., \$13.50; 1000 lbs., \$25.50; ton, \$49.00.

Poultry Manure. This is a pure poultry manure, use it to enrich the soil for flowers, shrubs, lawns and garden. Price, 100 lbs., \$3.35; 500 lbs., \$14.50; 1000 lbs., \$26.00; 2000 lbs., \$49.00.

Floranid Urea. A highly concentrated inorganic fertilizer containing 46 per cent. available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., \$1.50; 25 lbs., for \$2.75. 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., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$28.00; 2000 lbs., \$52.00.

Leaf Mold. Price, 100 lbs., \$1.70; 1000 lbs., \$14.50; 2000 lbs., \$26.00.

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., \$1.25; 14 lbs., \$2.25; 28 lbs., \$3.25; 56 lbs., \$6.00; 112 lbs., \$11.00.

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. Price, 100 lbs., \$1.25; 500 lbs., \$4.75; 1000 lbs., \$8.50; 2000 lbs., \$15.50.

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., \$1.60; 50 lbs., \$2.35; 100 lbs., \$3.85; 500 lbs., \$15.50.

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, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; per ton delivered, \$70.00. Write for quantity prices.

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 any fertilizers.

These Prices are subject to change without notice.



Lawn Supplies for Parks and Cemeteries



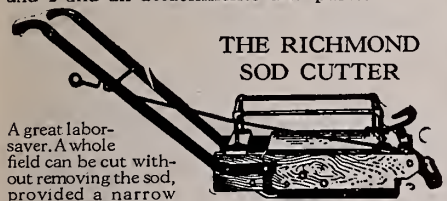
Kemp Power Soil Shredders

In One Operation the KEMP SOIL SHREDDER, with sieve attachment shreds and mixes the soil and removes all stones and lumps. Nurserymen and golf clubs find that this machine prepares a soil to perfection, saving time and money and producing better results.

The Elevator Attachment loads the shredded soil onto a wagon or truck five feet above the ground or makes a pile six feet in height. This attachment too is a great labor-saving device.

No. 5—Capacity two to three cubic yards per hour.
 Powered with electric motor.....\$190.00
 Powered with gasoline engine..... 200.00
 Without motor or engine..... 160.00

Write us for complete pamphlet on the No. 1 and 2 and all attachments and parts.

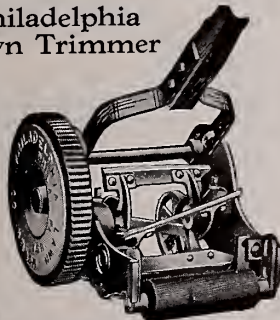


THE RICHMOND SOD CUTTER

A great labor-saver. A whole field can be cut without removing the sod, provided a narrow strip of about one inch in width, is taken out at the start. Price, \$35.00.

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, \$7.00, complete.



Write us for price and leaflet on Motor Mowers

"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., \$1.85; 5 gals., \$6.00; 10 gals., \$10.00; 30 gals., \$22.50; 50 gals., \$35.00.

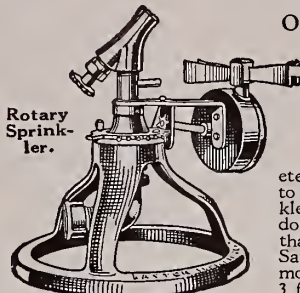
Reade's non-poisonous weed killer, qt. can, 70c; gal., \$1.85; 5 gals., \$6.50.

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 driveways, paths, tennis courts, and gutters. 1 lb. Duster kills 100 sq. ft. of weeds, price, 50c; 3 1/2 lb. Duster kills 350 sq. ft. of weeds, price, \$1.50; 15 lb. Drum, \$3.50; 50 lb. Drum, \$7.00. Write for prices on larger sizes.



Rotary Sprinkler.

ROTARY and OSCILLATING 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, \$8.00; 3 for \$22.50.

MODEL D 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 \$1.75; 3 for \$5.00.



RAIN KING Double whirling shower sprinkler. Each, 90c; 3 for \$2.40.



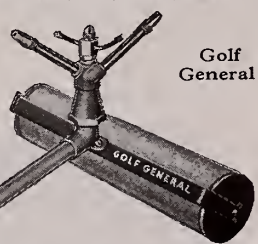
LINCOLN PARK OR BUTTERFLY
 Cheapest and best Sprinkler made. Each, 35c. Mounted on stand; 2-foot, 95c; 4-foot, \$1.10; 6-foot, \$1.25.

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, 60c; 3 for \$1.65.

GOLF GENERAL

Rotary sprinkler, a heavy duty sprinkler with twin streams, producing absolutely even coverage over a circle 135 ft. in diameter, water consumption 22 1/2 gals. per minute at 60 lbs. pressure. Price, \$16.50.

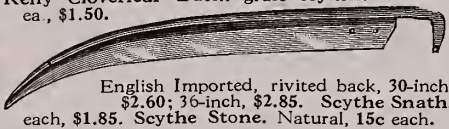


Golf General

sumption 22 1/2 gals. per minute at 60 lbs. pressure. Price, \$16.50.

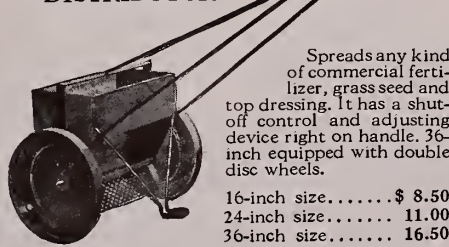
SCYTHE BLADES

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



English Imported, riveted back, 30-inch, \$2.60; 36-inch, \$2.85. Scythe Snath, each, \$1.85. Scythe Stone, Natural, 15c each.

MASTERS' PERFECT FERTILIZER DISTRIBUTOR

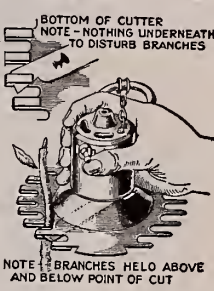


Spreads any kind of commercial fertilizer, grass seed and top dressing. It has a shut-off control and adjusting device right on handle. 36-inch equipped with double disc wheels.

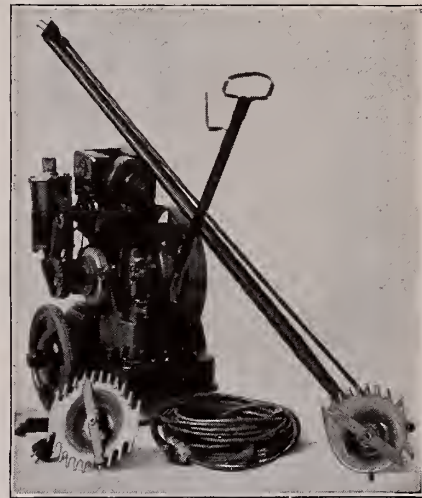
16-inch size.....\$ 8.50
 24-inch size..... 11.00
 36-inch size..... 16.50

THE O. K. ELECTRIC HEDGE CUTTER

It can not be overloaded, branches are held while cut, it will cut any shape or kind, it will cut as fast as it can be moved. You can also trim grass edge and bushes. It will pass over cut tips without stubbing. You can bevel the edge, cut round tops and corners. You can cut to exactly where you made the last cutting, to hold your hedge growth back. The direct hold on the motor allows you to guide the hedge cutter accurately. Price, \$85.00.



BOTTOM OF CUTTER NOTE—NOTHING UNDERNEATH TO DISTURB BRANCHES
 NOTE—BRANCHES HELD ABOVE AND BELOW POINT OF CUT



O. K. POWER PLANT

Portable Electric Grass Trimmer. For Cemeteries, Parks, and Estates.

Portable power plant complete, consisting of gasoline motor, and generator, together with one electric power grass and hedge trimmer, \$125.00.

Extra electric grass and hedge trimmers, ea \$15.00. One power plant will operate 4 grass and hedge trimmers. Prices F. O. B. Chicago, Ill.

The O. K. electric grass and hedge trimmer will do any job of trimming on grass, shrubbery, hedges and evergreens, and do it better and in a fraction of the time needed for hand trimming. The power plant will run water pumps and similar electric attachments. The trimmer may be used on an electric lighting circuit if preferred.

LITTLE WONDER HEDGE TRIMMER

Will trim your hedge five to ten times faster than hand shears. Attachments come with each machine to adapt it to flat, round or pivot tops as well as side cutting; 30-inch, \$25.00; 40-inch, \$27.50; 60-inch, \$35.00.

Side-cutting carriage for trimming sides as illustrated. \$4.50.

Electric Model
 Little Wonder Hedge trimmers. Junior Model, 27-inch, cutting surface, Each, with 15 ft. of wire, \$55.00. Senior Model, 36-inch, with 15 ft. wire, \$95.00. 60-inch with 15 ft. of wire, \$100.00. Extra 100 ft. length best quality rubber covered waterproof wire with handy reel, \$4.50. Write for leaflet.

Illustration shows trimmer with side-cutting carriage.

Berghman Lawn Mower Sharpener
 Each, 95c; doz., \$9.00.

Doo-Klip Grass Shear
 Each, \$1.25; doz., \$10.80.



Grass Seed Deals

Vaughan's Chicago Parks

Contains NO Timothy

This mixture is blended according to the formula proven in our fifty years' experience to be the best for permanent lawns under American conditions. Scientific experiments confirm our experience. Kentucky blue grass and red top form the bulk of this mixture, to which are added white clover in the correct proportion. Produces a lawn that will endure.

Vaughan's No. 25 Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

We 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.

Chicago Parks Deal No. 1	\$15	Retails for \$27.40											
Net Cash		<table border="0"> <tr> <td>Cartons</td> <td>Ret. Price</td> </tr> <tr> <td>5 1/2-lb.</td> <td>\$0.25</td> </tr> <tr> <td>36 1-lb.</td> <td>.40</td> </tr> <tr> <td>1 2-lb.</td> <td>.80</td> </tr> <tr> <td>1 3-lb.</td> <td>1.20</td> </tr> <tr> <td>5 5-lb.</td> <td>1.95</td> </tr> </table>	Cartons	Ret. Price	5 1/2-lb.	\$0.25	36 1-lb.	.40	1 2-lb.	.80	1 3-lb.	1.20	5 5-lb.
Cartons	Ret. Price												
5 1/2-lb.	\$0.25												
36 1-lb.	.40												
1 2-lb.	.80												
1 3-lb.	1.20												
5 5-lb.	1.95												

Retails for \$17.00	No. 25. Deal No. 2
Cartons Ret. Price	\$10
40 1-lb. \$0.25	
Bags	Net Cash
7 5-lb. 1.00	

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

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. Diam. Length Sec. Wt., Filled

No.	in.	in.	tions	empty water	Price
WB5	18	24	1	85 265	\$12.00
WB7	24	24	1	110 420	14.00
WB9	24	32	1	130 565	16.00

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

No.	in.	in.	tions	empty water	Price
WB2	14	24	1	68 175	\$8.50
WB4	18	24	1	82 265	9.75

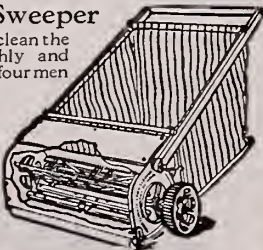
WB1 for miniature golf courses; diam., 14 in.; width, 15 in.; wt. empty, 45 lbs.; filled with water, 115 lbs. Price, \$8.00.

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

Prices Subject to Change without Notice.

Gem Lawn Sweeper

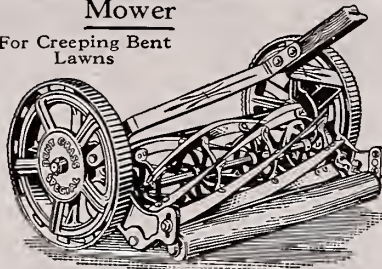
This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy swinging hinges which are kept in position by retaining springs. Price, 24-inch wide, each, \$29.50



Cricket Special Ball Bearing

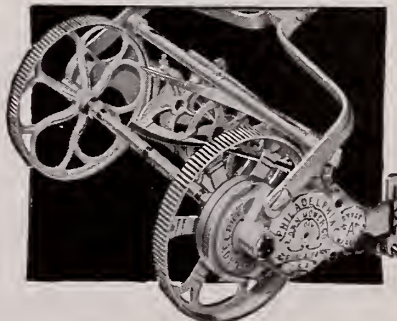
Mower

For Creeping Bent Lawns



Self-Adjusting Ball Bearings in revolving cylinder guaranteed for the life of the mower. Drive wheels 10 1/2-inches in diameter, open type. Geared on both sides with reciprocating pawl ratchets. Cutter bar special design raised edge tool steel hardened and tempered in oil. Height of cut, 3-16 inch to 1 1/4-inch. Seven blades, high speed tool steel, hardened and tempered, self-sharpening. Sizes: 16-inch, \$12.75; 18-inch, \$14.00.

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. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

15 in.	17 in.	19 in.	21 in.
\$16.00	\$17.75	\$19.75	\$21.75

Style K. Cylinder with 5 blades. Driving wheel 10 inches. Big bearings, bored with rifle-barrel accuracy. Vanadium crucible steel blades. Very durable. Single pinion gears on both sides.

14 in.	16 in.	18 in.	20 in.
\$12.00	\$12.75	\$13.75	\$14.50

A Special Discount on 5 or more Mowers.

Trowels, Lawn and Pruning Tools

SAWS (Atkins), Double-Edged Pruning,

16-in.	\$1.50
18-in.	1.60
20-in.	1.75



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$2.25; 3 for \$6.00.

Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.75.

SHEARS, Pruning. 6-in., \$1.50; 9-in., \$1.75. Extra springs, ea., 15c.



Henckel Twin Brand Imported Pruning Shears, with ratchet.

7 1/2-inch	each, \$2.95
8 1/2-inch	each, 3.25
9 1/2-inch	each, 3.75

Henckel. California pattern, with brass spring, \$3.50.

Grass. Vaughan Doo-Klip, for trimming around beds. Doz., \$10.80.

Border. Long handle, 9-inch, \$4.75.

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. Each, \$5.75.



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.



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

Excellent Values in Lawn Seed

WE thoroughly appreciate the fact that our merchant customers must have legitimate profits and we are making an extra effort to make good margins possible for them on our standard lawn mixtures which as always, are composed of best quality of suitable varieties of grass seeds. Vaughan's Lawn Mixtures are widely advertised and recognized everywhere as standards of quality and therefore most easily sold.

Present market values on grass seeds would justify higher prices than we are listing. Our prices must, however, be subject to change owing to the uncertainties surrounding the monetary situation.

Dealers who wish to establish a permanent clientele of seed buyers 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 a steadily growing business for more than 50 years.

FANCY GRASSES

All grass seed prices subject to change without notice.

Kentucky Blue Grass, Fancy (19 lb. Seed). 100 lbs., \$15.00; less than 25 lbs., 17c per lb.

Kentucky Blue Grass, Fancy (21 lb. Seed). 100 lbs., \$15.75; less than 25 lbs., 17 $\frac{3}{4}$ c lb.

Kentucky Blue Grass, Extra Heavy. 100 lbs., \$18.50; less than 25 lbs., 20 $\frac{1}{2}$ c per lb.

Red Top, Extra Fancy. 100 lbs., \$11.50; less than 25 lbs., 13 $\frac{1}{2}$ c per lb.

Clover, White Dutch. Bags, 25c each extra.

Fancy. 100 lbs., \$33.00; less than 25 lbs., 35c per lb.

Choice Grade. \$29.00 per 100 lbs.; less than 25 lbs., 31c per lb.

Put up in packages of 5 lbs. and less, write for prices.

Ask for quotations on grasses not listed.

Important

We call attention to the fact that we carry a full line of native and imported grasses. We buy direct from growers and are recleaners. We can quote to advantage in any quantity. Prices, while higher than last season, are still moderate. Lower prices seem improbable while higher prices are generally expected.

LAWN MIXTURES

Vaughan's No. 25 Lawn Mixture. 100 lbs., \$12.00; 1-lb., cartons, \$14.00 per 100 lbs.; 5-lb., bags, \$13.00 per 100 lbs. Lots of 10 to 25 lbs., 14c per lb. Retail at 25c per lb.

"Good Mixed" Lawn Grass Seed. \$14.50 per 100 lbs.; less than 25 lbs., 16 $\frac{1}{2}$ c per lb.

Vaughan's No. 40 Lawn Mixture. Intermediate grade. 100 lbs., \$17.00; 1-lb., cartons, \$19.00 per 100 lbs.; 5-lb., bags, \$18.00 per 100 lbs.; less than 25 lbs., 19c per lb. Retail at 35c per lb.

Vaughan's "Private Estate" Bent Formula

A very fancy mixture containing an important percentage of the Bent grasses, Makes a beautiful velvety lawn. More practical than pure bent lawns.

(Retail at 55c per lb.) Price \$33.00 per 100 lbs.; 5-lb. cartons, each, \$1.80, per 100 lbs., \$34.00; 1-lb. cartons each, 40c, per 100 lbs., \$35.50. Orders for 10 to 25 lbs., at 35c per lb.

All grass seed net cash, f.o.b. Chicago and New York

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list, let us know and we will be glad to quote.

Vaughan's Chicago Parks

This is the standard mixture, famous for 50 years, which is composed of recleaned, 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 Formula)

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 medium shade.

Prices for Chicago Parks Formula or Columbian Formula

1/2 lb. carton each 15c, (Retail for 25c)	Per 100 lbs.
1 lb. carton each 25c, (Retail for 40c)	\$22.50
2 and 3-lb. cartons	21.75
5-lb. cartons or bags (each \$1.20)	21.00
10 and 15-lb. bags	20.50
100, 50 or 25-lb. bags	20.00

Vaughan's Dense Shade Formula

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.

(Retail at 55c per lb.) Price, \$33.00 per 100 lbs.; 5-lb., cartons each, \$1.80, per 100 lbs., \$34.00; 1-lb., cartons each, 40c, per 100 lbs., \$35.50. Orders for 10 to 25 lbs., at 35c per lb.

"Your 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.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labeling might be costly and troublesome. Play safe.

Vaughan's Seed Store

All telegrams other than those for cut flowers F. T. D. should be addressed to our warehouse and general office at 601 W. Jackson Blvd., Chicago or 47 Barclay Street, New York. F. T. D. messages to 10 W. Randolph Street, Chicago.

PRICES IN THIS CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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

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

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

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

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

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

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

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

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

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

Discounts on Standard Retail Packets for Resale

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

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

- 25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.
30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.
40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.
10% on special offers and cut-rate collections, none on bulb collections.

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

Cash Discount. On orders for Flower seeds from this catalog over \$2.00, if cash is enclosed, deduct 5 per cent.

No order will be charged to open account for less than 25 cents.

All telegrams other than those for cut flowers F. T. D. should be addressed to our general office at 601 W. Jackson Blvd. F. T. D. messages to 10 West Randolph St.

IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop. If the customer does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate prices quoted.

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

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

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Explanation of table below: Numbers prefixed with B represent Bulbs; P Plants; S Seeds.

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Vaughan's Rainbow Gladioli

500 Rainbow Glads
and Display Box

\$9

Retails for \$20.00

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

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 first size bulbs, the size which sells best over the counter. The 10 named varieties (50 each) include such world-beaters as **Minuet**, **W. H. Phipps**, **Mrs. Leon Douglas**, **Dr. Bennett**, **Golden Measure**—none better known. The price to you is \$9.00 for the box and 500 bulbs of 10 named varieties. You retail them for 45 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

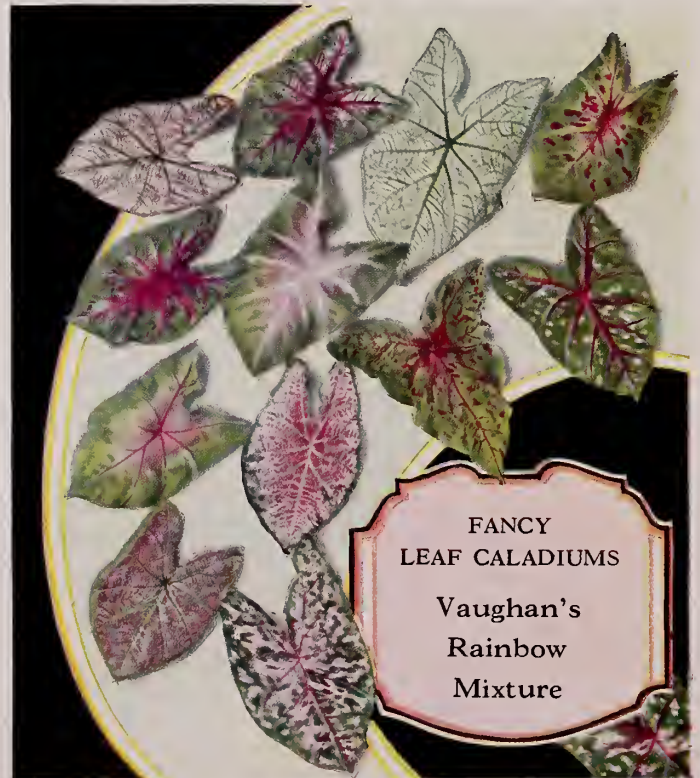
Rich ornamental leaves, handsomer than begonias, delicately marbled, veined and striped in every describable shade of pink, red, green and white. Hardly any two leaves just alike and attracting attention everywhere. Used as pot plants for living room, sun porch or store, for shady window boxes and for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

We can supply Caladiums in named varieties, quotations furnished upon request. Our picture shows the following varieties; commencing in top left hand corner, 1st row: Lord Derby, Jessie M. Thayer, Candidum, Jennie Perkins. 2nd row: Charmeuse, Fascination, D. M. Cook, Heralen. 3rd row: Fred Bause, Mrs. W. B. Haldemann. 4th row: Our Red, Macahyda.

	Doz.	100	1000
Vaughan's Rainbow Mixture	\$1.75	\$11.50	\$100.00
Named. Our selection	2.00	12.50	110.00
Named. Your selection of varieties pictured herewith.	2.25	14.00	120.00
Unusual and rare varieties. All named	2.75	16.00	140.00





Vaughan's Giant Pansies

Vaughan's Improved Swiss Giant Mixture

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

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.70; oz., \$6.00; 4 oz., \$20.00; lb., \$60.00.

Vaughan's Super Swiss Giant Mixture

We have made a special mixture from three of our growers stock. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; 1/8 oz., \$1.40; 1/4 oz., \$2.65; oz., \$10.00.

Swiss Alpenglow. Color, rich red shades. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Berna. Dark violet-blue. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Yellow Shades. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Pure Yellow. Large size and fine substance. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Three Blotched Golden Yellow. With deep brown blotches on the three lower petals. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Five Blotched Golden Yellow. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Luna. Soft, sulphur yellow self, round substantial flower with frilled edge. This is a lovely variety. Trade pkt., \$1.00; 1-16 oz., \$2.25.

Swiss—Dwarf Mixed

For those who desire a dwarfier plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; oz., \$12.00.

Vaughan's Maple Leaf Giant Mixed

A distinct variety we introduced three years ago having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner whenever shown. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.25; oz., \$8.00; 4 oz., \$28.00; lb., \$100.00.

Vaughan's "Super" Maple Leaf Mixture

This strain is even finer than the above, with flowers of unbelievable size and texture; larger than in any other strain, while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., \$1.00; 1/8 oz., \$1.85; 1/4 oz., \$3.50; oz., \$12.00.

CHICAGO
601 West Jackson Blvd.

Vaughan's Seed Store

NEW YORK
47-49 Barclay Street