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VAUGHAN'S SEED STORE was founded in 1876. Its knowledge of the seed business and equipment for conducting it are the product of forty-four years' experience.

Each year of the forty-four has contributed something toward the complete service which its customers receive today, and the forty-fifth year, now beginning, finds this organization studying, testing, seeking, and we believe learning, more than in any year past.

In a commerce so vast, which has endured since civilization began, forty-four years merely brings to maturity and enables a house to take its rank with the other seasoned institutions that serve food-producing mankind.

A seed house of proved worth is more than a store, and the service it renders is more than commercial.

The seedsman is a naturalist and is pre-eminently a conservator, all his activities being devoted to conserving, increasing and improving, rather than exploiting and destroying our natural inheritances.

Great seed houses have so well performed the tasks society lays upon them that, in their respective countries they, and not government or educational institutions, are looked to for authoritative judgment on horticultural subjects. Seed catalogues of the better houses are used as reference books, because they contain accurate information to be found nowhere else.

For Forty-Four Years a Leader.

In the seed trade of America, the position of Vaughan's Seed Store as a house of the first rank, is undisputed. At the time this is written, the founder, John Charles Vaughan, is actively directing the business he began in 1876. He has been prominent in the allied horticultural trades of this country throughout his career. He has served as president of the American Seed Trade Association and the Society of American Florists. Leonard H. Vaughan, vice president, directs the vegetable seed department, and supervises testing work, trial grounds and experiments in breeding and selection. Carl Cropp, treasurer, is a specialist with life-long experience in annual and perennial flower seeds.

The very first seeds sold by Mr. J. C. Vaughan were provided at the urgent request of satisfied customer friends, buyers of fruit and shade trees. These worthy gardeners had been sadly disappointed at the poor crops harvested from commission box seeds at that time, 1875, and urged that Mr. Vaughan provide them seeds dependable in vitality, type and productive.

it seemed wisest to incorporate the business so that trained employees could be made part owners, and the officials then chosen still remain in charge of its affairs. From this date the annual volume has increased steadily, passing several years ago a million dollar annual turnover.

During these years, through technical improvements in testing seeds and proving types, higher purity and germination standards have been established and with them Vaughan's Seed Store, through its officials and employees has constantly kept pace.

The latest methods for cleaning and storing seed, testing for germination and analyzing, for purity, are practiced; while at the same time the advantages acquired from forty-four years in business are retained. Not the least of these, is a thorough knowledge of seed production the world over, and connections of years standing with expert seed growers in this and other countries.

Searching the World for Seed

An example of what this means may be given. A buyer of silk, let us say, can easily inspect a sample and determine its quality, so his purchases may be made of who ever offers suitable goods. But inspection will not assure a seed buyer that a sample is as represented. The life germs within the seed may contain all the excellent qualities of the parent stock he seeks, but the only proof he has is the word of the seller.

It follows that seedsmen cannot buy of everyone. They must assure themselves that the growers of the seed they handle are expert and reliable; that they operate in districts favorable to the production of the best seed of their specialities; that their original stocks are sound, and their methods of selection and "roguing"—or discarding plants untrue to type—are thorough. All good seed, after several years product of skillful plant breeding—and plantations in seed farms must be carefully watched to see

WHAT Vaughan's Seed Store SERVICE MEANS

You Buy More Than Seed When

You Join the Circle of Our Customers

WHEN you buy SEED, you pay for the PLANTS it may produce.

Two packets may be identical in size; but if one is only 10 per cent fertile, while 90 per cent of the second produces plants, then in value to you the second is nine times as large as the first.

YOU may easily pay as much for the poor seed, as for the good; and never, we venture to say, is the difference in cost as great as the difference in quality.

THIS is so well known, that expert advice always emphasizes the importance of buying seed from the best source available. In no other line is it so true that "the best is cheapest."

IN some states, laws have been passed, seeking to protect buyers by requiring the labeling of seed, much after the manner of pure food laws. But laws cannot insure quality in seed, as they do in food. Seeds are not manufactured. Nature produces them, the good and the bad. Many conditions which affect their growth are not in the control of men, and laws cannot reach Nature.

THE seed user's only protection is found in purchasing seed from a house whose equipment, experience, size and standards of business are such as to insure its patrons the very best seed that the current world crops afford.

VAUGHAN'S SEED STORE is such a house. Why it is, the article on this page and the next attempt to show you. The best proof is a trial order of our specialties.

Special Cover Collection TWELVE BULBS, one each of the following splendid varieties, including Detroit, which sells for $1.00 per Bulb, and War (pictured with Detroit on front cover), Schwaben, Europe, Margaret, Martha Washington, Primulinus Sunbeam, Panama, Baron J. Hulot, Princes, Pink Perfection and Ruffled Glory. Sent prepaid in the United States for $2.50.
that no throwbacks or unworthy specimens of the family intrude themselves.

The combination of favorable soil and climatic conditions and expert skill in seed growing is not found everywhere. The good seedsman must roam the world in search of the best products for his warehouses. Many more vegetable seed are now produced in this country than before the war; but flower seed are still nearly all imported from France and Germany. Spring flowering bulbs, of which Vaughan's Seed Store is the largest American importer, are brought from Holland, England, France and Japan. Almost every country has some specialty which cannot be obtained elsewhere in the finest quality.

An example is the exclusive strain of Chinese cabbage, of the variety called PeTsai, which Vaughan's Seed Store controls in this country. This seed is obtained from a Chinese family which has developed it by expert selection for fifty years, in order to produce the tall, slender beautifully bleached heads which are so tempting to the appetite (see the illustration on our back cover).

**Trial Grounds and Seed Farms**

While keeping up his supply of tried varieties, the seedsman must be ever on the lookout for new; and the house which values its reputation carefully avoids recommending novelties which have not been thoroughly proved. This requires expensive trial grounds. In Vaughan's seed farms in Michigan and Illinois, all novelties not proven on the grounds of the introducer are tested for one or more years before being catalogued, and here, also, seed of the old varieties are tried out year after year to make sure that our stocks are suffering no deterioration.

Here, also, we grow much of the seed we sell, of varieties for which the soil and climate are favorable. Peas, beans, melons, cucumbers, sweet corn and gladioli are grown on our Michigan farm.

On the front cover of this catalogue is an illustration of one of our fields of gladioli in bloom. One hundred and twenty acres are grown in Michigan, and fifty more at our farm near Homewood, Ill.

Both in Michigan and Illinois we maintain large warehouses for the storage of seeds, bulbs and onion sets; for the scientific storage of these wares, between the harvest and the planting season, is an important part of the seedsman's service.

**Testing and Distributing**

Of the ten cents you pay for a packet of seed, not all is required to pay the actual cost of the seed, as you may have surmised. The greatest expense of the service Vaughan's Seed Store renders you is found in the extreme care with which this seed must be tested, stored, sealed and sorted, and then the particular varieties you want picked out from among the thousand others and mailed to your door, ready for you to plant.

Only by systematizing operations so that they are conducted on a great scale at the smallest unit expense, is it possible to handle so many distinct varieties, of so high a standard, for so small a sum.

**Greenhouses and Nurseries**

VAUGHAN'S service, as those who have patronized us in past years so well know, does not stop with supplying the gardener with seed. Tools and supplies, as well as plants, trees and nursery stock, are obtainable from us. Our greenhouses and nurseries at Western Springs, Ill, have long been the chief source of supply for Chicago homes and the suburban communities surrounding this city. For thirty-five years, our retail store in the vicinity of Randolph and State streets, has been a center for the gardeners, both amateur and professional, of this territory. Here they have been supplied with every need, including sound advice in dealing with the problems of planting.
Grass Seed for Turfs

In the past few years due to the impossibility of importing most of the European Fancy Grasses, so-called—American Golf Clubs and other American "turf" users have been compelled to use native grasses and with surprisingly good results and at a great saving of money. Red Top and Kentucky Blue Grass are at present the two important American lawn species. Rhode Island Bent may come into its own in a few years providing present efforts to establish a growing center in New England are successful. For spring sowing we shall have, this year, in limited quantities the old European favorites: Red Fescue, European Mixed Bent (Creeping Bent) and Chewing's Fescue to offer. We quote special prices to golf clubs based on quantities desired and are pleased to quote by sample with analysis of purity and germination. (See pages 54 and 55 for our list of grass varieties.)

How to Make a Lawn—Have soil thoroughly spaded up, enriched with commercial fertilizer or well rotted manure, level and roll it well to make compact. Select a still, damp day for seeding; sow one-half of the seed from North to South and half from East to West, rake it over and roll again, when grass comes up replanting bare spots. When grass is 2 inches high cut it, and as necessary thereafter. Don't rake up short clippings as they make a good mulch. Always thoroughly soak a lawn when sprinkling, when required, but never sprinkle lightly. Free booklet, "How to Make a Lawn." Send for it.

Vaughan's Putting Green Mixture
A carefully blended and properly proportioned mixture that contains only such deep rooting grasses as will produce a close and permanent turf.
Price, lb., 50c; 5 lbs., $2.25; 50 lbs., $20.50; 100 lbs., $40.00.
We recommend 50 lbs. to the green 100 feet square. Special prices quoted on large quantities.

Vaughan's Fairway Mixture
Although of less importance than that for Putting Greens has been made up with the same scrupulous care. It is composed of perennial native and foreign grasses, of proven value for Fairways, and produces a firm and lasting turf that improves with age if properly cared for.
Price, 1 lb., 40c; 5 lbs., $1.90; 50 lbs., $17.75. 100 lbs., $35.00. Sow 100 to 150 lbs. to the acre. Special prices quoted on large quantities.

Vaughan's Tennis Court Mixture
Undoubtedly the best there is, not only for Tennis Courts, but for Cricket grounds, Bowling greens, etc. Sow 50 to 60 lbs. per acre for new greens; 15 to 20 lbs. to improve existing turf.
Price, 1 lb., 45c; 5 lbs., $2.00; 50 lbs., $16.75; 100 lbs., $33.00.
VAUGHAN'S "CENTRAL PARK"

Quantities to Use—see opposite page.

Vaughan's "Central Park" Lawn Seed is familiarly known everywhere in the United States where lawns are made.

It produces a beautiful and enduring turf without the aid of cheap "quick-showing" grasses, which are only of temporary value.

After many years' trials we have a balanced mixture of American and such European grasses as do best in our climates. We select cheap "quick-showing" grasses, which are only of temporary value.

For more than 40 years it has been standard in America, each year adding to its popularity and increasing sales.

In the great parks and cemeteries, where best results must be had in order to produce beautiful and enduring turf, Vaughan's "Central Park" is used almost exclusively.

Many of the beautiful lawns on the large private estates in New England, Long Island, New Jersey and throughout the middle west, rivaling the famous English lawns, were produced with Vaughan's "Central Park" Lawn Seed.

Vaughan's "Central Park" lawn grass seed is thoroughly cleaned, then re-cleaned. This applies to all the separate kinds of seed contained in the mixture, besides which each lot is tested for germination, in the most painstaking and careful manner.

Price, 1/2 lb., 20c; 1 lb., 40c; 3 lbs., $1.15; 5 lbs., $1.90; 10 lbs., $3.70; 15 lbs., $5.50; 20 lbs., $7.25; 25 lbs., $9.00; 50 lbs., $17.75; 100 lbs., $35.00.

Postage 8c per lb. extra. See Special prepaid offer below.

VAUGHAN'S SPECIAL GRASS MIXTURE

Contains a large proportion of the finer, and more expensive grasses, like Rhode Island Bent, Red Fescue, Kentucky Blue, etc., in extra heavy samples, making weight 20 lbs. per bushel. Produces turf of closest, finest texture. Sow early before withering summer heat comes on.

Cultural leaflet—"How To Make a Lawn" FREE. Send for it.

SPECIAL PREPAID LAWN SEED OFFER

On all orders of Lawn Grass Seed amounting to $2.00 and over, we prepaid transportation within 300 miles Chicago or New York. See other Prepaid offers on inside back cover page.

VAUGHAN'S "COLUMBIAN"

For Shady Lawns or Sandy Soil

On sandy soil in shady conditions are met with when making a lawn which require the use of a special grass seed mixture.

To produce sure and beautiful lawn grass under such conditions, Vaughan's "Columbian" has been prepared with exceptional care.

Vaughan's "Columbian" is an excellent mixture for the uses stated above; its record in public parks, expositions and private grounds everywhere in the United States justifies its use by every one who needs lawn seed for a shady place or light, sand soil.

Price, per lb., 40c; 5 lbs., $1.90; 10 lbs., $3.70; 15 lbs., $5.50; 20 lbs., $7.25; 25 lbs., $9.00; 50 lbs., $17.75; 100 lbs., $35.00.

Write for special prices on large quantities.

VAUGHAN'S DENSE SHADE MIXTURE

Has not the permanency of color of our "Central Park," but makes a respectable showing the first season. Sow 100 lbs. to acre.

Price, per lb., 25c; 5 lbs., $1.10; 100 lbs., $20.00.

Kentucky Blue Grass We offer in two grades—Extra Fancy Seed. sun-dried, twice re-cleaned. Of very high germination. 1 lb., 50c; 5 lbs., $2.35; 10 lbs., $4.50; 100 lbs., $42.00.

Fancy Seed—Actual weight 21 lbs. per bushel. 1 lb., 40c; 5 lbs., $1.90; 10 lbs., $3.75; 100 lbs., $35.00.

Red Top Grass Fancy re-cleaned. Solid seed, 32 lbs. to bushel. 1 lb., 30c; 10 lbs., $2.35; 100 lbs., $20.00. Common Unhulled Bushel 1 lb., 18c; 10 lbs., $1.50; 100 lbs., $12.00.

White Clover Extra fancy seed. 1 lb., 75c; 3 lbs., $2.15; 10 lbs., $6.50. Add 8 cents per pound to above prices if wanted by mail.

VAUGHAN'S LAWN FERTILIZER

The high-grade chemical fertilizer sold by Vaughan's Seed Store is immeasurably superior to the best rotted manure. It supplies the essential plant food, which grass, being a voracious feeder, requires to produce the velvety texture and beautiful color, so attractive and inviting to the eye. Manure has undoubtedly the soil enriching quality, but it is unsightly, with offensive odor and worse still usually contains live dangerous weed seeds.

DIRECTIONS: As a top-dressing, apply 2 lbs., when frost is out of the ground, distribute evenly over the lawn, scatter double the amount, 50 lbs. of fertilizer on every 1,000 square feet; rake in thoroughly, then sow seed.

Price, 5 lbs., 50c; 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $6.00; 500 lbs., $25.00; 1,000 lbs., $48.00; 2,000 lbs., $93.00.
On this and the next page we offer a few of the newer, thoroughly tried varieties of vegetables we consider of merit and also some particularly good or improved strains of standard sorts. We do not rename selected stocks of old, well known vegetables, as such practice is confusing to the planter. We are offering five vegetables for the first time this year. Bean—"New Kidney Wax," Celery—"Columbia," Cucumber—"Earliest of All," Musk melon—"Pollock 10-25" and "Bountiful Pea." All splendid sorts worthy of trial. Our back cover illustrates four of the newer vegetables—leaders in their respective classes.

### NEW GIANT RUST-PROOF ASPARAGUS, "WASHINGTON"

This is the first result of thirteen years work in a plant breeding campaign of the Bureau of Plant Industry of the United States Department of Agriculture to produce high yielding pedigreed rust resistant seed of Asparagus. The pedigree-breeding work is being continued, and improved seedlings will be put out later. The asparagus plant is dioecious, that is there are male and female plants and two parents are required for seed production. A prepotent male plant "Washington" with a remarkable power for transmitting vigor and rust resistance to the progeny has been the male plant in the strain we are now to offer. Numerous carefully selected female plants have been used. Seed from separate female plants we are not yet able to offer. The Washington stock strain we offer represents the progeny of the most uniform rust resistant, highest yielding, largest size and quickest growing plants selected from thousands on trial. We urge all and especially commercial growers to give this a thorough trial.

Pkt., 25c; oz., 40c; 1/4 lb., $1.25; lb., $4.00.
Roots—2 yr. old, doz., 60c; by mail, 68c; 100, $3.00; mail, $3.50

### CABBAGE DISEASE (YELLOWS) RESISTANT

**Wisconsin No. 8**

The loss and destruction of large acreages of cabbage by the diseases called "Yellows" in the commercial growing sections of Southern Wisconsin caused an investigation by the Plant Pathologists of the University of Wisconsin. Prof. L. R. Jones of that university has solved the problem of this evil by selecting and breeding a yellow resistant variety of cabbage which is practically immune from attacks but no claim is made to freedom or immunity from other diseases, such as club foot, stem rot or black rot. Remarkable success has followed the introduction of this variety in diseased sections. Large crops have been produced from disease resistant seed where other varieties have failed entirely. The type is not as uniform as in general habit of growing and also good keeping qualities it resembles the Hollander variety—see page 18. Pkt., 15c; lb., 45c; 2 lbs., 80c; 10 lbs., $4.00.

### BUSH BEAN, NEW KIDNEY WAX

A flat, long podded, beautiful wax bean, perfectly stringless and of the highest eating quality. Round podded wax beans have generally been regarded as of better quality than the flat sorts; there is a flat podded bean, however, with all that can be desired as regards appearance, tenderness and flavor. In addition to these features the New Kidney Wax is a robust grower and a splendid yielder. Pods 6 to 7 inches long, very thick and meaty. Vines 18 to 20 inches in height.

Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.50.

### CUCUMBER, EARLIEST OF ALL

**NEW CELERY, "COLUMBIA"**

A recent novelty of exceptional merit. In season early. The plants are dwarf and the stalks thick and heavy. Easily blanched. The solid light golden yellow heart is of splendid flavor. Desirable for both home and market use.

Pkt., 10c; oz., 50c; 2 oz., 85c; 1/2 lb., $1.40; lb., $5.00.

### CUCUMBER, EARLY FORTUNE

An especially fine, medium length, White Spine Cucumber much planted in the south for shipment to the northern markets. It has a fine, dark green color which it holds for a long time after picking. It shows no white coloring before ripening. Early, prolific, uniform, and well shaped.

It is equally good for northern summer planting in the home garden.

Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., $1.60.

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NEW CUCUMBER—“The Vaughan”  

(See Back Cover Illustration.)

This has proved the sensational novelty we claimed it last year. It is as much in advance over the Davis Perfect variety as the “Davis” was over the old extra long White Spine sorts. Compared to the other cucumbers of the same class (long white spine varieties) like Davis Perfect and Fordhook it is much darker in color, more uniform in shape and size, thinner and more prolific. It is the ideal American foreing variety. Our customers, who raised it last year, had perfect greenhouse cucumbers raised outdoors.

We offer in limited quantities only. Pkt., 10c; oz., 50c; 1/4 lb., $1.60.

NEW ANNUAL SWEET CLOVER (WHITE)  

Not a vegetable—but placed here in a most prominent position in our catalog because of its tremendous importance to American agriculture. A few years ago Prof. Hughes of the Iowa Agricultural College, Ames, Iowa, sent us forty seeds of this new plant for trial and to grow on. We are able, for the first time this year, to offer to our customers a very limited quantity grown on from this original seed. We are offering only an ounce to a customer so that as many as possible may try it. We hope to be able to offer in quantity next year.

The annual sweet clover, sown in the early spring, produces a plant of almost equal size to the biennial sweet clover and matures seed the first year. Produces the largest yield of high feeding value hay of any crop we know in the first year from seed, and has no equal as a valuable one year SOILING CROP.

For trial—small pkt., 10c; 1/4 oz., 25c; oz., 75c.

NEW MUSKMELON POLLOCK, 10-25

Salmon tint. The most popular of the Rocky Ford Type Melons among the western commercial growers. Introduced about two years ago, the stock has been controlled until now by a few shippers. Very uniform in highest quality; vigorous and early. Cuts with a golden center shading to a green at the rind. The pods are long. The fruit is large sized. A staking plant. Pkt., 10c; oz., 60c; lb., $1.50; 2 lbs., 90c; 10 lbs., $3.25.

VAUGHAN’S TOP O’ THE MORN  

A new Giant Pooded Dwarf Pea. We like it particularly because of its vigor and ability to produce a crop under unfavorable conditions. Year in and year out Top O’ the Morn will far outyield other varieties in its class. The vines are of a deep green color, growing 18 inches in height—no staking required. The pods are blunt-ended, like Nott’s Excelsior, but much longer and are produced in pairs and clusters all up the haulm.

Pkt., 10c; lb., 45c; 2 lbs., 90c; 10 lbs., $3.75. Larger quantities at 10-lb. rate.

PEA, MARCHIONESS  

A valuable addition to the tall, early varieties. It may be briefly described as an extra early Gradus. Pods are of equal size to Gradus, and in season several days earlier. Quality agreeable. The finest high quality early garden pea. Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25. Larger quantities at 10-lb. rate.

NEW PEAS, BOUNTIFUL  

A very large pooded, extra early, smooth seeded Pea of the Ameer type. The pods are almost of Telephone size and this variety sells for a Telephone on the market. A heavy yielder. Vine 2½ to 3 feet in height.

Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25.

NEW LONG STANDING SPINACH “ANTVORSKOV”

NEW TOMATO, VAUGHAN’S “NEW YORK”  

An extra fine, large, heavy yielding, second early red Tomato especially suited for the home garden to follow the extra early varieties like Earliana and John Baer. An old customer and friend, W. E. Vail of Yorktown Heights, New York, gave us this variety after hybridization work through a period of years. “New York” has a beautiful rich red color, firm high colored flesh, it is of large size with the vines vigorous and productive. Unlike some of the early sorts the plants yield large sized fruits to the end of the season.

Pkt., 10c; 1/2 oz., 30c; oz., 60c.

as a new customer this year, I should like to tell you of the splendid success I had with your New York Tomato—It is certainly a splendid variety.

JAMES J. MEAD,  
Yorktown Heights, N. Y.

I wish to say that I tried your “Vaughan’s New York” Tomato and I find it excellent tomato and a great yielder. I am very well pleased with it.

FRANK FAIRCHILD,  
Yorktown Heights, N. Y.

Our trial grounds located in Michigan and Illinois give us a range of soil and climate where we can observe variations in varieties not possible in one locality. If you have or know of some new or better variety please tell us about it.
Lavender Butterfly.

ANTIRRHINUM Majus Grand, Torchlight  O. A splendid new Snapdragon of stately habit, throwing long and massive flower spikes, which show off to perfection the brilliant hue of the flowers. A vivid orange with yellow center, slightly tinted with carmine above. Pkt., 10c

Majus Nanum, Grand Buff Queen. Lovely shade of rose, creamy lip shaded orange. Pkt., 15c

Tom Thumb, Orange-Yellow. New attractive color. Fine for edging. Pkt., 15c

ASTER, American Beauty Rose  O. 2½ ft. is similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on many long and slender stems. The flowers are fully double to the last and are a most lovely shade of bright carmine-rose, almost identical with the World-Famous American Beauty Rose. Pkt., 10c

American Beauty, Purple. Same as above, but a beautiful rich velvety purple. Pkt., 10c

Lavender Beauty. Beautiful clear lavender. Pkt., 15c


Heart of France  O. Heart of France 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, now a soft warm velvety texture. In any light, natural or artificial, Heart of France is startlingly beautiful and will command instant admiration. Pkt., 15c

Ostrich Plume, Terra Cotta. Flowers remarkably rich color, petals daintily curled and stems long and strong. A most unique color. Pkt., 15c

CLEVELAND CHERRY. This is an improvement on Jerusalem Cherry. Differs from it in habit of growth, which is dwarf and compact and the larger number of berries produced. One of the best house plants for window decoration. Pkt., 15c

DIANTHUS Laciniatus Splendens  O. A single annual, ever-blooming Garden Link with large flowers of the deepest dark red, almost as black as Pansy Dr. Faust, edged with clear silvery white. The marking is very clear and conspicuous. The plants are very free-blooming and the plants are of rather dwarf and compact habit. Pkt. 20c

DICDISCUS Coeruleus, Lavender Lace Flower  O. 3 ft. An unknown plant which ought to be grown more frequently. Long stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. The culture is not at all difficult, only the seed is somewhat slow in germinating. Sown in a medium hot frame, like Phlox or Verbenas in February or March. Seed will germinate after about 4 weeks. Keep frame closed until the seedlings form their leaves, then give plenty of air when weather permits. To be planted out in May in partial shade. Pkt., 20c

ESCHOLTZIA, The Geisha  O. 1 ft. A new fluted Escholtzia of fantastic oriental effect, the petals being prettily crimped, which adds light and shadow to the brilliant coloring—orange red outside, rich golden within. Habit of plant, bushy, compact and upright. Pkt., 15c

Orange King  O. 1 ft. A selection from the wild flowers of those having the finest deep rich orange color and the largest flowers. The plants also have responded to cultivation and the blossoms are larger in size than the wild sort, but of the same color. Here is the true wild Escholtzia, extra selected. Pkt., 10c

VESUVIUS  O. A new and absolutely distinct color in California Poppies. A brilliant wallflower red with the same intense color inside petals as outside. A strong grower and very free flowering. This is an American novelty and of great merit. Pkt., 15c

GOMPHRENA Orange (Globe Amaranth)  O. A showy everlasting with clover-like heads. Blossoms resemble a ripe strawberry in color and markings. Start in sandy soil in gentle bottom heat. Pkt., 15c

ISOLOMA (Hirsutum Multiflorum Hybridum)  O. The large leaves, which are of a texture similar to those of the Gloxinia are of a rich dark green, the reverse of them, as well as the flower stalks are covered with bright red hair, which renders them very attractive. The flowers are produced in abundance and in various colors and color combinations, white, orange, yellow and scarlet. The plants grow from 12 to 18 inches high, are bushy and require no staking. Their culture is similar to that of the Gloxinia and other Gesneriaceae. Seed sown in January or February will bloom in June or July and will continue to flower until winter without cessation. Their constitution is very robust, which enables them to thrive in living rooms. This is a most desirable pot plant. Pkt., 50c

LILIUM REGALE (The Regal Lily)  O. It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the centre, and extending part way up the trumpet, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. Pkt. (25 seeds), 25c 5 pkts. for $1.00.

LOBELIA "Pearl." A new dwarf Lobelia of exceptional merit, entirely distinct from existing varieties. The plants are of dwarf compact growth, the flowers are large, white edged light blue—a most pleasing and effective combination. Pkt., 25c
pyramidal habit with very large flowers of a rich mauve, shaded terra cotta. Really an Empress Victoria Augusta on a cream ground. Pkt., 20c

4038 TITHONIA SPECIOSA, "Mexican Sunflower" 2'. A rare plant from Mexico. Perennial throwing up from the root many stout, woolly stems furnished with rather large foliage. The flowers are large and remind one of an immense single Zinnia; color dazzling orange scarlet. It forms a large shrubby plant, flowers for a long period and is especially desirable for planting among shrubs or in the background of wide borders; will also bloom in winter in the house if lifted before frost. Exhibited at the San Diego, California Flower Show, October 10th to 12th, received special prize as the best new Perennial shown. Pkt., 20c

4039 TRACHELIELM COERULEUM 2'. A very unique tender perennial of the Campanula family which grows to a height of about 2 feet and produces an abundance of violet-blue flowers, salver-shaped, with a long and very narrow tube. Its normal time of blooming is from June to August, but can be made to bloom again until late in fall by cutting the branches half way down, after which new flower spikes will make their appearance. Pkt., 15c

4040 VIOLA, Barr's Bedding. These beautiful tufted Pansies give a continual mass of bloom of bright and attractive colors from spring to autumn. The flowers are mostly self-colored and axyles; cut back in July after the first flowers are over and the plants again burst into bloom and remain decorative for a long time. Pkt. (120 seeds), 50c

4041 ZINNIA, New Dahlia Flowered Mixed. The plants of this new race are very sturdy and produce many flowers with stout stems. In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance, the flowers compare favorably with the Show Dahlias. Pkt., 25c

4042 —Buttercup. Buttercup is identical with the other Giant Zinnias, color, pleasing deep primrose, which holds its color in bright sunshine. Pkt., 25c

4043 —Giant Picotee. A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations—most attractive and pleasing. All colors mixed. Pkt., 20c

4044 —Picotee, Golden Pheasant. A variety of the above, having flowers of a deep orange with maroon tips. Pkt., 25c

4045 —Victory. The petals are peculiarly quilled and twisted with a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering but shy seed... Pkt., 35c

4046 —"Vaughan's Special" Mixture. This mixture contains everything that is good, new, choice and rare in Zinnias, including the Dahlia-Flowered, Picotee and Savoja types, and is sure to produce the most pleasing and satisfactory results. 3 Pkts. for 65c... Pkt., 25c
VAUGHAN'S SPECIAL MIXTURE, Spencer Varieties.

This mixture is one we make ourselves from named sorts of the late flowering ruffled or spencer varieties and a few of the early flowering ruffled. The result will be a gorgeous display of wonderful blossoms for a long period of time if cultural directions are followed in planting seed and subsequent care in watering. Pkt., 10c; oz., 25c; ½ lb., 85c; lb., $3.00.

Spencer Hybrids in splendid mixture.
Pkt., 5c; oz., 15c; ½ lb., 50c; lb., $1.80.

10 Best Sweet Peas

Our collection of 10 best Spencer Sweet Peas is so well and favorably known as not to need an introduction to our friends. It is sufficient to say the same care has been taken in making this selection as in former years, and we are confident they will more than please the purchaser.

Price, One (regular size) packet of each, 10 for 75 cents, postpaid.

We cannot make any change in varieties.

White—Constance Hinton
Pink—Hercules
Light Blue—Wedgewood
Piotee Edged—Blue Picotee
Light Pink—Margaret Atlee
Bicolor—Blanche Ferry
Pink—Miriam Beaver
Light Pink—Margarit Atlee
Maroon—Nubian

Giant Spencer
Sweet Pea
Mrs. Cuthbertson
### Spencer Varieties

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Color Description</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3946</td>
<td>Royal Purple</td>
<td>The best purple</td>
<td>$0.10</td>
</tr>
<tr>
<td>3947</td>
<td>Senator</td>
<td>Claret and chocolate stripe on light heliotrope ground</td>
<td>10</td>
</tr>
<tr>
<td>3948</td>
<td>Sincerity</td>
<td>A fine scarlet cerise flower</td>
<td>10</td>
</tr>
<tr>
<td>3949</td>
<td>Stirling Stent</td>
<td>A bright salmon colored flower</td>
<td>15</td>
</tr>
<tr>
<td>3950</td>
<td>Tennant</td>
<td>Rosy purple self color</td>
<td>10</td>
</tr>
<tr>
<td>3951</td>
<td>The Cardinal</td>
<td>Brilliant poppy scarlet</td>
<td>15</td>
</tr>
<tr>
<td>3952</td>
<td>The President</td>
<td>Brilliant rich dazzling orange scarlet</td>
<td>10</td>
</tr>
<tr>
<td>3953</td>
<td>Thomas Stevenson</td>
<td>Rich orange scarlet</td>
<td>15</td>
</tr>
<tr>
<td>3954</td>
<td>Vermilion Brilliant</td>
<td>A brilliant scarlet Spencer</td>
<td>15</td>
</tr>
<tr>
<td>3955</td>
<td>Warrior</td>
<td>Rich chocolate maroon</td>
<td>10</td>
</tr>
<tr>
<td>3956</td>
<td>Wedgewood</td>
<td>A clear azure blue</td>
<td>15</td>
</tr>
</tbody>
</table>

### Early Flowering Spencer

A new race of Sweet Peas, having the large waved flowers of the Spencer type, but flowering fully one month earlier, they also continue to flower for a much longer period.

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Color Description</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3960</td>
<td>Amethyst</td>
<td>This is the nearest to royal purple in color in the early flowering class</td>
<td>$0.10</td>
</tr>
<tr>
<td>3961</td>
<td>Apricot Orchid</td>
<td>A delightful and charming shade</td>
<td>10</td>
</tr>
<tr>
<td>3961a</td>
<td>Asta Ohn</td>
<td>A clear lavender</td>
<td>15</td>
</tr>
<tr>
<td>3962</td>
<td>Aviator</td>
<td>This is to our knowledge the best scarlet early-flowering sweet pea</td>
<td>10</td>
</tr>
<tr>
<td>3963</td>
<td>Bohemian Girl</td>
<td>Deep pink, shaded orange blush</td>
<td>10</td>
</tr>
<tr>
<td>3964</td>
<td>Blue Bird</td>
<td>A charming mid-blue self</td>
<td>15</td>
</tr>
<tr>
<td>3965</td>
<td>Cherry Ripe</td>
<td>Glowing cherry or salmon-cerise self</td>
<td>15</td>
</tr>
<tr>
<td>3966</td>
<td>Columbia</td>
<td>This is the most profitable pink and white early-flowering Sweet Pea. While it is not quite as early as the “Pink and White” (below) it produces 50 per cent more flowers</td>
<td>15</td>
</tr>
<tr>
<td>3967</td>
<td>Cream</td>
<td>Identical in color and size of blossom to Dobbie's Cream. It has immense blossoms very frilled and duplexed</td>
<td>10</td>
</tr>
<tr>
<td>3968</td>
<td>Fire King</td>
<td>Deep orange scarlet</td>
<td>10</td>
</tr>
<tr>
<td>3969</td>
<td>Gorgeous</td>
<td>Charming salmon rose</td>
<td>10</td>
</tr>
<tr>
<td>3970</td>
<td>Heather Bell</td>
<td>The color is a rich, but pleasing mauve</td>
<td>10</td>
</tr>
<tr>
<td>3971</td>
<td>Hercules</td>
<td>Of the same lovely shade of pink as Countess Spencer. Long stem and a free producer.</td>
<td>10</td>
</tr>
<tr>
<td>3972</td>
<td>Liberty</td>
<td>Brilliant red</td>
<td>10</td>
</tr>
<tr>
<td>3973</td>
<td>Melody</td>
<td>Rose pink on white ground</td>
<td>10</td>
</tr>
<tr>
<td>3974</td>
<td>Miss Louise Gude</td>
<td>One of the largest and best in the shell pink class</td>
<td>10</td>
</tr>
<tr>
<td>3975</td>
<td>Morning Star</td>
<td>Deep orange scarlet or flame color in standard, with rich orange pink wings</td>
<td>10</td>
</tr>
<tr>
<td>3976</td>
<td>Mrs. A. A. Skaach</td>
<td>Flowers bright shell pink</td>
<td>10</td>
</tr>
<tr>
<td>3977</td>
<td>Mrs. Chas. A. Zvolanek</td>
<td>One of the largest and best clear lavenders</td>
<td>10</td>
</tr>
<tr>
<td>3978</td>
<td>Mrs. M. Spanolin</td>
<td>Black-seeded white</td>
<td>10</td>
</tr>
<tr>
<td>3979</td>
<td>Mrs. William Sim</td>
<td>Apricot pink</td>
<td>10</td>
</tr>
<tr>
<td>3980</td>
<td>Othello</td>
<td>Rich deep maroon</td>
<td>10</td>
</tr>
<tr>
<td>3981</td>
<td>Pink and White</td>
<td>Blanche Ferry type, extra</td>
<td>10</td>
</tr>
<tr>
<td>3982</td>
<td>Pres. W. Wilson</td>
<td>Magenta rose</td>
<td>10</td>
</tr>
<tr>
<td>3983</td>
<td>Robin Red Breast</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>3984</td>
<td>Rose Charm</td>
<td>Bright rose, same color as Rosabella in the late spencer class</td>
<td>25</td>
</tr>
<tr>
<td>3985</td>
<td>Rose Queen</td>
<td>A splendid commercial pink</td>
<td>15</td>
</tr>
<tr>
<td>3986</td>
<td>Song Bird</td>
<td>Pale pink with a distinct tint of buff</td>
<td>10</td>
</tr>
<tr>
<td>3987</td>
<td>Songster</td>
<td>Giant early lavender</td>
<td>10</td>
</tr>
<tr>
<td>3988</td>
<td>Spring Maid</td>
<td>Light pink on a cream ground</td>
<td>10</td>
</tr>
</tbody>
</table>

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**Flag Collection**

No. 1 1 pkt. each, King Edward VII. (Red), Constance Hinton (White), Wedgewood (Blue), prepaid for ........... $0.25

No. 2 Mixed Red, White and Blue. oz. 30c, pkt. 10c

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3989</td>
<td>Snow Flake</td>
<td>This is the best early-flowering white-seeded Spencer</td>
<td>$0.10</td>
</tr>
<tr>
<td>3990</td>
<td>Snow Storm</td>
<td>A good early pure white for late planting</td>
<td>10</td>
</tr>
<tr>
<td>3991</td>
<td>The Beauty</td>
<td>The color is a very dark fiery rose</td>
<td>10</td>
</tr>
<tr>
<td>3992</td>
<td>Venus</td>
<td>Standard white, slightly blushed pink wings</td>
<td>10</td>
</tr>
<tr>
<td>3993</td>
<td>Warbler</td>
<td>Rich mauve purple</td>
<td>10</td>
</tr>
<tr>
<td>3994</td>
<td>Wedgewood</td>
<td>Magnificent clear blue</td>
<td>10</td>
</tr>
<tr>
<td>3995</td>
<td>White Orchid</td>
<td>White flowers of good substance</td>
<td>10</td>
</tr>
<tr>
<td>3996</td>
<td>Yarrawa</td>
<td>The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff with blush wings</td>
<td>10</td>
</tr>
<tr>
<td>3997</td>
<td>Zvolanek's Blue</td>
<td>Very large, of the brightest blue, or Blue Jay color</td>
<td>10</td>
</tr>
<tr>
<td>3998</td>
<td>Zvolanek's Rose</td>
<td>One of the best rose pinks</td>
<td>25</td>
</tr>
<tr>
<td>3999</td>
<td>MIXED</td>
<td>Winter Flowering Spencers, many kinds.</td>
<td>10</td>
</tr>
</tbody>
</table>
NOT everyone who is lucky enough to have a home garden realizes his good fortune.

Some, perhaps, not understanding their opportunities, are ready to sacrifice the soil for the full. But every home gardener has it in his power at a fraction of the market cost, to make vegetables of a quality which no market can offer.

The reason is that market growers are often times unable to make table quality the rule, and to get the best of the harvest one must plan for it. The home grower, on the other hand, has the advantage of being able to plant his garden with the choicest varieties, and to include in his list of supplies a greater assortment than any green grocer carries.

When Root Crops Are Tenderest

SWEET corn, perhaps, is the most satisfactory example of the home gardener's advantage, but there is perhaps no other field in which he is so far beyond the market grower, as is in the matter of sugar content of the sweet corn. For here the home gardener has it in his power to produce the sweetest corn that has ever been grown, by simply selecting the best of the tenderest varieties. Another handicap to the market grower is, that he is not in a position to harvest his corn at the right time, and so realize his full potential. But the home gardener can get the best of his crop, by simply harvesting it at the right time, and so realizing its full potential.

Cabbages and Chard

CABBAGES are becoming recognized as excellent additions to the home garden, and they are grown in many parts of the United States. They are a good source of vitamin A, and are a welcome addition to the winter menu. The English forcing varieties, long and slender, have long been the models of cabbages. But the home gardener may grow what he will like, and if he likes his cabbages tender, he may suit his individual taste, whether for mild or hot flavor; and may so plan as to have them ready for use, and a well bleached head is a thing of beauty as well as a delight to the palate.

Kohlrabi is a crop which is often eaten in infancy, but who knows them at their best, a crime. The home gardener still has the advantage of being able to plant his garden with the choicest varieties, and to include in his list of supplies a greater assortment than any green grocer carries.

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THE SEED SUPPLY FOR 1921. America now produces seed of most garden vegetables of the very best types. Only a few special strains of Radish, Onion, Herbs and the like are procured from expert seed growers in Europe or in the Orient; wherever, here or abroad, the best are harvested or obtainable, in that district Vaughan’s Seed Store are contract growers or are direct importers from first hands.

In buying Vaughan’s Seeds, therefore, you are getting the best the world affords and—for 1921—at the lowest prices seeds of the Vaughan quality have been sold for in several years. Don’t fail to write us for prices on quantities if you require larger lots than are here priced. We will quote as low as our stocks permit.

We invite you to write us for samples of our specialties. See Chinese Cabbage, Vaughan’s Cucumber, French Endive, Bantam Evergreen Corn, Vaughan’s Special Onions.

Cut one year roots two years after planting; two or three year roots, year after setting. Ask for Free Cultural leaflet.

EARLY GIANT ARGENTEUIL—Famous Parisian Asparagus, grows to large size, vigorous and fairly free from rust; superb flavor. Our seed is from one of the largest plantations near Paris. Pkt., 10c; oz., 20c; 1 oz., 35c; lb., 50c; lb., $1.50.

BONVALLET’S GIANT—Equally good, grown white or green. The white grass is produced by planting deeper than for green, the stalks being cut underneath as the tips show above the ground. Bonvallet’s Giant is now planted by the market growers in the Middle West to the exclusion of almost all others on account of its extreme vigor and rust resistance. Usually it produces a crop a year in advance of other sorts. Moreover, the cutting period is longer than other sorts, as stalk-crowns do not divide until quite tall. This variety is a selection made by a veteran French grower from a healthy, vigorous plant which had resisted the blight of rusts which had destroyed the balance of a large field of Argenteuil Asparagus. Our strain has been improved each year by careful selection.

Price: Pkt., 10c; oz., 20c; 2 ozs., 35c; 1 lb., 50c; lb., $1.50.

PALMETTO—Standard light green. Pkt., 5c; oz., 10c; 1 lb., 35c; lb., 75c.

COLUMBIAN MAMMOTH WHITE—Largé semi-white shoots—without pushing up. Pkt., 10c; oz., 15c; 3 lb., 35c; lb., $1.00.

CONOVER’S COLOSSAL—A large, fast growing variety. Pkt., 5c; oz., 10c; 1 lb., 25c; lb., 75c.

QUALITY VEGETABLES FOR THE HOME GARDEN

A noted French seedman once made the remark: “The American people eat with their eyes,” meaning large size and high color had more to do with the popularity of varieties in our country than tenderness or flavor. The home gardener can and should produce much better vegetables than he can buy. Below we give a list of the better flavored and more tender vegetable varieties:


Ask for Free Cultural leaflet.

THE BEST PLANT THE BEST PLANT

For the Vegetable Garden

The best seeds are the cheapest. The comparatively small investment in seed, as compared with labor and other expense necessary to produce vegetables, make it unwise to plant anything but the best. Vaughan’s Seed Store sells the best seeds as cheaply as they can be sold. We have proved this for 44 years.

We are pleased to be able to offer seed of this new American strain of giant asparagus. It is the first result of a plant-breeding campaign started by the United States Department of Agriculture to produce a rust resistant asparagus. Rust resistant and vigorous plants selected from thousands have been crossed with a single male plant “Washington” and most careful re-selection practiced. We urge all, and especially commercial growers, to give this a thorough trial.

Pkt., 25c; oz., 40c; 1/2 lb., $1.25; lb., $4.00. 2-year old roots, doz., 60c; (by mail, 65c) per 100, $3.00; (by mail, $3.50).

APRASAGUS ROOTS

Doz. 100 1000 Doz. 100 1000 Doz. 100 1000

1-Year Old 2-Year Old 3-Year Old

$0.30 $1.50 $11.00 $0.50 $2.25 $15.00 $0.75 $2.75 $20.00

Barr’s Mammouth...

$0.50 $2.25 $15.00 $0.75 $2.75 $20.00

Argenteuil (Giant)...

$0.50 $2.25 $15.00 $0.75 $2.75 $20.00

Conover’s Colossal...

$0.50 $1.75 $12.00 $0.50 $2.50 $17.00

Columbian Mammoth...

$0.50 $2.00 $14.00 $0.50 $2.50 $17.00

Palmetto...

$0.25 $1.35 $10.00 $0.50 $2.50 $17.00

If by mail add f Doz., 5c; f Doz., 5c Roots and transplants, postage as follows: 100, 35c; 500, 75c; 1000, 150c.

Extra heavy 3-year old transplants for forcing and immediate results. Barr’s Mammouth, Argenteuil and Conover’s Giant, doz., $1.00; 100, $3.00; 1000, $25.00.

Other Sorts, doz., 75c; per 100, $3.00; per 1000, $25.00.

ARTICHOKE

GREEN GLOBE—Pernual, large-flowering heads, cooked like Asparagus. Matures second year; not hardy in the North. Pkt., 10c; oz., $1.00.

JERUSALEM ARTICHOKE ROOTS—Best hog food known. Easily grown. Three bushels plant an acre, enough to keep 20 to 30 hogs from October to April. Cut and plant like potatoes. Lb., 35c; 3 lb., 85c.

Chicago, freight or express. Pkt., 85c; bu., $2.50; bbl. (2 1/2 bu.), $5.50.

New York, by freight or express. Pkt., $1.00; bu., $3.00; bbl. (2 1/2 bu.), $6.50.

BONVALLET’S GIANT

It may please you to know that every plant, shrub and seed I sent to you for the last spring came in splendid shape. Everything grew and gave entire satisfaction.

MRS. J. R. HOLTON, Shevlin, Minn.
The crop of Dwarf Beans the past season was a good one with a decreased acreage. The supply of seed is ample for all requirement and prices are reasonable. For actual table and food returns there is no vegetable offers as much to the Amateur Gardener as Beans. Larger quantities of single kinds at 10-lb. rate.

Write or ask for special prices on 50 to 100-lb. lots and over of on or more kinds. Plant Vaughan's.

Our bean "Packets" contain a very liberal amount of seed. The price of 10c includes postage. When purchased at our store or sent by express to equalize the difference in mailing cost, the packages contain more seed. The prices above, except for pkts., lb. and 2 lbs., do not include postage.

Only half the pleasures of a garden is in its beauty—the other half is in its tending.
We call particular attention to and recommend the following varieties, all "Vaughan Specials," stock seed of which we have bred on our own farms. For the Home Garden; in wax varieties—Wardwell’s Kidney Wax, Improved Golden Wax, and Round Pod Kidney Wax; In Green Pods—STRINGLESS Green Pod, Improved Red Valentine, Bountiful and Stringless Refugee. For market varieties read the descriptions. Write for prices on 100-lb. lots and upward.

**STRINGLESS GREEN POD**

The great leader in green pods for general purposes; it is early, and very prolific, the vines bearing long, round, straight, thick, meaty pods, free from strings or fibers; rich deep green color, very attractive and of excellent quality, which has placed it in great favor and ever gaining popularity. For succession, plant every two weeks, which has placed it in great favor and ever gaining quality, excellent round, straight, thick, meaty pods, free from strings or fibers.

**GIANT STRINGLESS GREEN POD**

An immense type of “Earliest Improved Valentine” and nearly as early. The pods have all the excellent qualities of the original with much larger size, which greatly improves the appearance. A splendid succession sort to Stringless Green Pod.

**SUTTON’S MASTERPIECE**

The best of the greenhouse forcing beans. Also valuable as an exhibition sort. The pods are flat like Beautiful, but larger and thinner. Early in season and a heavy yielder.

**LONGFELLOW**—(Round Pod)

Very handsome, nearly stringless, beautiful green pods, 7 to 8 inches long, straight and round, very prolific. These elegant pods are delicious when cooked, and are unsurpassed for the home garden, they ripen uniformly. Plants are 14 to 16 inches high—for market gardeners this is a most profitable sort.

**IMPROVED EARLY RED VALENTINE**

Is very hardy and early, germinates in cold ground where other sorts would not. Vines are about 15 inches high, yield well; pods are round and fleshy and when young of good quality; seed is red spotted. The demand for a hardy, early bean of good quality, has established a reputation for this excellent sort. For market garden and home use it is an easy winner of early trade. 1 lb. is a little more than 1 pint.

**BLACK VALENTINE**

It is not as early as “Improved Red Valentine,” the original strain from which this was developed and improved, but it is suited to both early and late planting; its hardiness overcomes light frost. The pods are a third longer than Red Valentine, and grow in clusters perfectly straight and round. This is one of Vaughan’s standbys, which has gained great popularity, having many splendid qualities, including handsome appearance, which makes it a business winner for market growers.

**RED VALENTINE—The Earliest Green Pod Bean**

**OTHER LEADING GREEN POD BEANS AND SHELL BEANS**

The prices for packets, and one and two pound lots, include free delivery in first three zones. For postage rates on larger lots see inside back cover. Any of the following, except where noted. Pkt. 10c.

**EXTRA EARLY REFUGEE,** similar to the Refugee; two weeks earlier. Lb., 30c; 2 lbs., 60c; 10 lbs., $2.25.

**ENGLISH BROAD WINDSOR.** An English Dwarf Bean, eaten shelled, best of class. Lb., 40c; 2 lbs., 75c; 10 lbs., $3.50.

**DWARF HORTICULTURAL.** Late heavy yielding. Flat yellow pods spotted with red. Lb., 35c; 2 lbs., 65c; 10 lbs., $2.50.

**EARLY MOHAWK.** Productive, long flat pods. Early, rather stringy. Lb., 30c; 2 lbs., 60c; 10 lbs., $1.25.

Larger quantities than 10 lbs. of All Beans supplied at 10-lb. rate. Write for prices on 100 lbs. and up.
Beans are priced by the lb. this year. 1 lb. is a little more than 1 pint. 2 lbs. are a little more than 1 quart.

PLANT
THE BEST

LIMA BEANS can be baked just as readily as the Boston Beans and they are even more delicious. Plant a row or two of Henderson's Bush. They are smaller than other Limas, free from disease and great yielders.

NEW WONDER BUSH LIMA
THE IDEAL BUSH LIMA

The recognized standard of bush lima bean quality, so considered by critical experts of highest authority. For general purposes Vaughan's Strain of this splendid sort has now come to be used in all gardens where Bush Limas are planted. Plants are large, prolific, compact and long bearing, maturing in mid-season; the pods are very uniform, slightly curved and usually contain three seeds.

Vaughan's New Wonder, bred from one of the earliest bush limas, is a greatly improved sort in compactness, little tendency to make runners, and in earliness.

FORDHOOK BUSH LIMA BEAN

Is the old "Dreer," "Potato" or "Kummerle" improved. This new sort grows very erect, does not come in contact with the ground as did the older sort, named above; pods are twice the size of the "Kummerle" and contain 4 to 5 large, thick, beautiful green beans. In contrast to the old sort, which was dry and mealy, this new Fordhook is tender, sweet and juicy; a richly palatable bush lima bean.

BUSH LIMA—Burpee's. Bush 15 to 20 inches high, 24 to 30 inches diameter, large white seeds thick stems furnish fine support; very productive and splendid quality.

BUSH LIMA—Dreer's. Dwarf variety of Dreer's Improved Lima; does well in dry seasons; pods contain 4 to 5 beans of fine flavor; 150 to 200 pods on a single plant shows its prolific growth. Pkt., 10c; lb., 45c; 2 lbs., 85c; 10 lbs., $3.75.

IMPROVED BUSH LIMA BURPEE'S.

This improved Burpee's has larger pods and beans than the original. The vines are heavier and produce larger pods than "New Wonder"—and they mature a week earlier. Vaughan's strain of this excellent sort gives the greatest satisfaction to patrons.

POLE LIMAS
EARLY LEVIATHAN

Exceptionally valuable for early maturing. It equals the main crop varieties for large pods; clusters of 5 to 8 grow together and they are full of fine beans of excellent flavor. Growers familiar with "Siebert's Early" or "Jersey," will like results they can get with "Early Leviathan."

VAUGHAN'S

CROSBY'S EGYPTIAN

The Most Popular Early Beet

This is a beet famous both for shape, color and quality. Vaughan's strain, always selected to maintain and improve shape and uniformity, flavor and other excellent qualities has secured for this variety a wide and growing popularity; based solely on merit. Vaughan's Crosby beet is very early; has deep red color; is smooth and tender, has sweet flesh that is richly palatable.

To retain earliness it should be grown with greatest care—it is worth the attention it demands; market gardeners have proved that Vaughan's Crosby's Egyptian beet, is splendid for bunching, attractive in size and excellent in general appearance, a money-making combination for thrifty progressive growers.

VAUGHAN'S SELECTED STOCK.

Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 55c; lb., $1.75. By express, 5 lbs., $7.50.

STANDARD STOCK.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00. By express, 5 lbs., $4.00.

VAUGHAN'S FIRE BALL
"A READY SELLER AT GOOD PROFIT"

Always a splendid sort whether your gardening is done for profit or for pleasure, it has no superior in quality, in some respects no equal; it is a "fancy trade" builder. It is early, maturing with "Crosby's Egyptian," has fine globe shape, deep red color and the flesh is solid and very sweet. The tops are small and do not hasten rapid bunching, but small tops permit closer planting than sorts with larger tops. Vaughan's "Fire Ball" is very handsome and highly satisfactory for home use.

VAUGHAN'S BLOOD TURNIP.

One of the best, round, well formed, has only one tap root, flesh is deep red blooded, very sweet and tender. They do not grow large and coarse, and having small tops, they can be planted close.

CROSBY'S BLOOD TURNIP.

A splendid winter sort, half the length of "Long Smooth Dark Blood," but equally heavy, because thicker. Always smooth, rich dark red; flesh sweet, tender and crisp. Never woody.

Please tell us if we may substitute in case variety ordered by you is sold out.

N. B. Read Inside Back Cover Showing What We Prepay.
POLE BEANS

CARPENTERIA POLE LIMA

HIGHEST STANDARD IN POLE LIMA QUALITY

Many expert growers declare Vaughan's "Carpenteria" is the most "perfect Pole Lima Bean." The exceptionally fine quality of this strain is shown in the beautiful green tint of the large, handsome shaped beans, which fill the rich colored, attractive pods. The velvety green tint of the beans remains, long after they have become dry, which is an enduring high quality inherent with this exceptional pole lima bean. Vaughan's "Carpenteria" is as prolific as any white lima; the vines are strong and vigorous, having many stalwart runners bearing great quantities of elegant pods, each containing usually four big, full, eatable beans of delicious flavor. For market-gardeners, Vaughan's "Carpenteria" Pole Lima Bean offers a big money-making opportunity. Pkt., 15c; lb., 45c; 2 lbs., 90c; 10 lbs., $3.75.

DON'T MISS THIS ONE

FORD'S MAMMOTH. Pods grow in large clusters, and contain from 5 to 7 good beans, edible, green pod; very bushy; 1 lb., 50c; 2 lbs., 75c; 10 lbs., $3.00; (larger quantities at 1-lb. rate).

CHALLENGER or DREER'S IMPROVED. Thick pods, good size and flavor. Pkt., 10c; lb., 35c; 2 lbs., 70c; 10 lbs., $3.00; (larger quantities at 1-lb. rate).

LARGE LIMA. Very attractive. Pkt., 10c; lb., 35c; 2 lbs., 70c; 10 lbs., $3.00.

EXTRA EARLY JERSEY LIMA. Pkt., 10c; lb., 35c; 2 lbs., 70c; 10 lbs., $3.00.

IDEAL POLE LIMA. Excepting only "Carpenteria," this is the best for market in Central States and where a main crop can mature. Pkt. are large, some 8 inches long.

EBEET TOPS

This is a splendid sort; it is extensively planted for second early and main crop purposes; is medium size, about 10 inches around, globe shape, uniform, without rootlets and perfectly tender pods; white beans. Pkt., 10c; oz., 20c; ½ lb., 35c; lb., $1.25.

DETROIT DARK RED

Best Main Crop for Home Garden

Unequaled as a big cropper everywhere. Vaughan's strain of this perfect turnip-shaped beet, produces best quality, biggest crops and most profit for growers. Perfect turnip-shape, small tap root, small upright tops—fine for market bunching. Skin, dark blood red, flesh, bright red, sweet, tender and delicious. A friend in any garden for home or market.

Our customers will find our special strains of Beet like Crosby's Egyptian (Selected Stock), Fireball, Crimson Globe and Detroit without a superior. Choicest Beet Seeds are offered here at bargain prices. Don't fail to sow a row of Swiss Chard or Spinach Beet. See page 47.

For the home garden you should plant for early use Crosby's Egyptian or Fireball, and for late and main crop Detroit Dark Red.

CRIMSON GLOBE—SECOND EARLY MAIN CROP

This is a splendid sort; it is extensively planted for second early and main crop purposes; is medium size, about 10 inches around, globe shape, uniform, without rootlets and perfectly smooth. Foliage is small, rich, purple-bronze color. Flesh is rich, blood red, sweet, tender and delicious. A friend in any garden for home or market.

Vaughan's Selected Stock. Pkt., 10c; oz., 20c; ½ lb., 35c; lb., $1.25.

DEWING'S EARLY BLOOD TURNIP. Good color, smooth. Pkt., 5c; oz., 10c; ½ lb., 25c; 1 lb., 50c; by express, 5 lbs., $3.00.

ECLIPSE. Roots globular, small tap root. Flesh dark red, zones lighter shade, very sweet, crisp and tender, especially when young. Pkt., 10c; oz., 15c; ½ lb., 30c; 1 lb., $1.00; by express, 5 lbs., $4.00.

ELECTRIC. Early as Egyptian, well liked in Eastern markets. Almost round, leaves small, color very dark rich crimson. Pkt., 10c; oz., 15c; ½ lb., 30c; 1 lb., $1.00; by express, 5 lbs., $4.00.

IMPROVED EARLY EGYPTIAN. The best variety for forcing and first early crop. Roots very dark red, rounded on top, flat beneath, small tops. Pkt., 10c; oz., 15c; ½ lb., 30c; 1 lb., $1.00; by express, 5 lbs., $4.00.

LONG SMOOTH DARK BLOOD

See Pages 50, 51 for Mangels, Stock Beets, (Stock Roots)
CHARLESTON WAKEFIELD

This sort matures a few days later than "Early Wakefield," with heads much larger and uniform. Very popular with Southern growers; it does well on heavy soil. Pkt., 10c; ½ oz., 20c; oz., 30c; 2 ozs., 60c; ⅛ lb., 85c; lb., $3.00.

EARLY WINNINGSTADT—Sure to head, regular, conical shape, very hard and hardy, a good keeper winter or summer, one of the best for general use. Best imported seed only. Pkt., 10c; ½ oz., 15c; oz., 25c; ⅛ lb., 85c; lb., $3.00.

EXTRA EARLY EXPRESS—Compact, round thick leaves forming an oval head, remarkably large for size of plant—thicker and less pointed than Jersey Wakefield; matures a short time later. Pkt., 10c; ½ oz., 25c; 2 ozs., 45c; ⅛ lb., 85c; lb., $3.00.

EARLY YORK—Heart-shape, small head, firm and tender, may be planted 15 to 18 inches apart. Pkt., 10c; ½ oz., 15c; oz., 25c; ⅛ lb., 86c; lb., $3.00.

VAUGHAN'S SELECTED STOCK

NEW EARLY FLATHEAD—(New Early Spring). Has the thick heavy leaves of "Jersey Wakefield," of which it is a product, crossed with "Succession"; it is of dwarf habit, with leaves slightly rounded; season about the same as "Wakefield." Pkt. 10c; ½ oz., 15c; oz., 25c; 2 ozs., 45c; ¼ lb., 85c; lb., $3.00.

EARLY SUMMER (NEW YORK). The heads are round and flattened. A very popular variety for early market; in season it follows right after "Jersey Wakefield." The heads are of fair size, very compact and solid, the quality is good, it has large outer leaves, has an attractive appearance, being tinged with a peculiar shade of blue. Pkt. 10c; ½ oz., 15c; oz., 25c; ¼ lb., 85c; lb., $3.00.

COPENHAGEN MARKET

The earliest large round or flat-head sort. The ripening is early and uniform, maturing at one time and almost with Early Jersey Wakefield. Considering its early season, the heads are remarkably large, averaging ten pounds in weight. One of its chief features is compactness; its leaves, which are light green, are dish-shaped and fold tightly together; it is so solid that many more plants can be grown on an acre than is possible with most sorts. It has few outer leaves, which permits close planting, and it grows close to the ground on a short stem. Earliness, compact growth, large heads and high quality have made this new Cabbage the most popular early variety. Pkt. 10c; ½ oz. 20c; oz. 35c; 2 ozs. 65c; ¼ lb., $1.15; lb., $4.00.

CHINESE CELERY CABBAGE

OR PE-TSAI See Back Cover and Novelties

This new Celery Cabbage has become very popular on the market; it is a delicate and dainty table vegetable either shredded as slaw, cooked as other cabbage or trimmed to be eaten as celery. It should be grown like late cabbage planting in July, "turnip planting time," earlier planting runs quickly to seed. Sow in drills 10 to 20 inches apart, then thin the seedlings two or three times. Pkt. 10c; ½ oz., 30c; oz., 50c; 2 ozs. 95c; ¼ lb., $1.60; lb., $5.50.

OUR FREE DELIVERY

See Inside Back Cover Page Explaining FREE DELIVERY to First Three Postal Zones.

For 5 cents per pound more WE PREPAY TO ALL ZONES.
CABBAGES

FLAT AND ROUND Sorts
VAUGHAN'S ALL SEASONS

This special, Vaughan's Cabbage, although really an early, is suited to every growing season; under most trying and adverse conditions it is nearly always a sure header. Even when planted very late it keeps well, and is of much better quality than the big ribbed winter sorts. The heads are large and solid, leaves small ribbed; matures about same time as "Early Summer" with larger head. In our trial grounds, the habit and growth of this sort have been noted as described, when grown side by side with other sorts, through many successive seasons. Quality for eating is splendid, and is not excelled by any cabbage.

Pkt., 10c; ½ oz., 15c; oz., 25c; ½ lb., 45c; lb., $1.00.

GLORY OF ENKHOUSEN
A PROFITABLE EARLY VARIETY

Has achieved great popularity in a few seasons, as the most important cabbage introduction in years. For market growers, or private gardens it is very valuable, and growers who enter to high-class trade, find it a ready seller at a good profit. Exceptional merit is the reason. It is early, globe shape, medium size, sure heading and a splendid keeper; the outer leaves fold close, the color is a handsome dark-green, just right for market. Is fine ribbed, excellent for eating.

Its popularity has been proven in many market growing centers, and has become progressive gardeners. Plant Vaughan's seeds and prosper.

Pkt., 15c; ½ oz., 20c; oz., 35c; ½ lb., $1.15; lb., $4.00.

USE SLUG SHOT as a preventive, ARSENATE as a cure for cabbage worms. See page 126

PLANT THE BEST

DANISH SUMMER BALLHEAD

A Second Early of superb quality; it resembles "Winter Ballhead," but is smaller and slightly flat on top; the outer leaves are inclined to be curly, the ribs are very fine in the leaves, which are light green in color, and have a delicate flavor suggestive of Savoy cabbage; the heads are hard, long keepers. This cabbage is gaining a place amongst the early sorts.

Pkt., 10c; oz., 35c; 2 ozs., 65c; M lb., $1.15; lb., $4.00.

MAIN CROP VARIETIES

VAUGHAN'S SELECTED STOCK

From Amagar Island, Denmark, comes Vaughan's seed of this most famous and popular of winter cabbages. The seed is grown for us there and we sell it with confidence to our customers, not only because we know it is genuine, but also because we know it is of the highest quality and purity. Many trials have demonstrated this to be the best. This is the tall-stemmed strain, different than the short-stemmed "Hollander" or the "Dwarf Amagar," the Danish grown strains of the "Hollander." The tall-stem of our Ballhead cabbage distinguishes the strain.

Because of perfectly solid-head, unequalled keeping and shipping qualities, correct market size, not too large, hard and heavy heads, weighing a fourth more than other sorts of equal size, fine grained leaves which are delicately tender, this strain has displaced nearly all other winter varieties of cabbage. It is the most popular of all the late varieties, and its popularity rests entirely upon superior merit. Vaughan's seeds make growers prosperous.

Pkt., 15c; ½ oz., 20c; oz., 30c; 2 ozs., 60c; M lb., $1.00; lb., $3.75.

VAUGHAN'S PREMIUM FLAT DUTCH

Of the Flat-head varieties this large heading sort is the most popular; no other cabbage of this class is so universally planted. Seed may be sown in the open ground and plants raised without the use of hotbeds. Our seed produces immense, solid heads, uniform, true, and of finest quality.

I showed some vegetables at our County Fair last September and won first premium on your All Seasons Cabbage. Three heads weighed 35 lbs., and the largest I had of this variety weighed 15 lbs.

W. B. KELLOGG, Aledo, Ill.

Use Commercial Manures. Livery stables have been converted into garages and animal manures are scarce. Live stock has decreased over twelve million head in the past seventeen years. When you can't get all the manure you need, use Commercial Fertilizers. They furnish the same elements of food, but in more concentrated form; see page 135 for prices.

Rapid Growth is of immense importance in Vegetable gardening. With the aid of fertilizers the gardener may be able to harvest several crops from the same ground in a year. Try Nitrate of Soda, 1 oz. to 3 gallons of water, applied to your cabbage when a foot high; the results will surprise you.

Brighten the garden with flowers. Our wonderful Gladiolus and Cannas make splendid and continuous displays.
PLANT THE BEST

DWARF AMAGAR

Use Slug Shot for cabbage worms

See page 126

We offer only strains of Carrot Seed from such careful Growers whose stocks can be trusted for purity of type, color and form.

VAUGHAN’S

DUTCH WINTER or HOLLANDER

As a “late spring” seller, no other sort stands near this excellent cabbage, of fine quality. The heads are medium size, averaging about 8 pounds, very solid, have a distinct, white color; coming out as fine and as perfectly solid in the spring, when put away in the fall; its exceptional keeping quality is a notable characteristic.

Pkt., 10c; ½ oz., 20c; 1 oz., 30c; 2 ozs. 60c; ½ lb., $1.00; lb. $3.75.

DWARF AMAGAR or SHORT-STEMMED DANISH BALLHEAD

This variety is almost identical with “Dutch Winter or Hollander.” We import our seed direct from Amagar Island, Denmark; and we supply one-year-old, proven stock, if wanted.

Pkt. 10c; ½ oz. 20c; oz. 30c; 2 oz. 60c; ½ lb. $1.00; lb. $3.75.

LARGE LATE AMERICAN DRUMHEAD

We offer only strains of Carrot Seed from such careful Growers whose stocks can be trusted for purity of type, color and form.

The best Large Fall Shipping Cabbage in Existence.

We introduced this variety over thirty years ago and our strain has been carefully selected every year since. The original type has been kept up and improved to a high degree of perfection.

For slicing, for kraut or for general purposes, it has not superior.

Pkt. 10c; oz. 25c; ½ lb. 85c; lb. $3.00.

A Money-Maker

For Market Gardeners.

OTHER CABBAGES

BRIDGEPORT DRUMHEAD

The best Large Fall Shipping Cabbage in Existence.

We introduced this variety over thirty years ago and our strain has been carefully selected every year

VAUGHAN’S SELECT DANVERS

This is a very popular and universally planted carrot. For a quarter of a century, our strain of this highly prized variety has seldom been equal in quantity to the public demand for seed. And in the years when seed has been plentiful, it has been planted almost exclusively.

While some varieties of carrots attract attention because of extreme sweetness, color or other feature, Vaughan’s Select Danvers has all desirable qualities to a very marked degree of perfection.

In addition to its splendid edible qualities and fine appearance, its yield is greater per acre than that of any other sort; in size, shape, color, sweetness and flavor, it is ideal.

Danvers Select Stock—Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

HALF LONG DANVERS—Standard Stock—roots more pointed and slightly smaller than Vaughan’s Select Danvers.

Pkt. 10c; oz. 15c; ½ lb. 30c; lb. $1.00; 5 lbs. $4.50.

VAUGHAN’S CHICAGO FORCING.

A FORCING STRAIN. It is similar in shape to “Chantenay,” develops much earlier; has smoother roots, fine dark red color; before other sorts, it is a little delicate for market purposes; as a forcing sort, or for open ground as an early in home gardens it is fine. Excellent quality, fine short leaves, no core or heart.

Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

GUERANDE or OXHEART

Is a variety of very rapid growth, each attains a weight of more than one pound. It is thick, 5 inches long, has very fine flavor and general good quality and tenderness which make it desirable.

Home and market growers find it the best second early, a little earlier and shorter than the Chantenay, good color.

Pkt. 5c; oz. 10c; ½ lb. 30c; lb. $1.00.

N. B.—Read inside back cover showing what we prepay.

CARDOON. For salads and for soups. See page 22.

VAUGHAN’S SELECT DANVERS

OXHEART

Guerande or Oxheart

Is a variety of very rapid growth, each attains a weight of more than one pound. It is thick, 5 inches long, has very fine flavor and general good quality and tenderness which make it desirable.

Home and market growers find it the best second early, a little earlier and shorter than the Chantenay, good color.

Pkt. 5c; oz. 10c; ½ lb. 30c; lb. $1.00.

VAUGHAN’S SELECT DANVERS

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Is a variety of very rapid growth, each attains a weight of more than one pound. It is thick, 5 inches long, has very fine flavor and general good quality and tenderness which make it desirable.

Home and market growers find it the best second early, a little earlier and shorter than the Chantenay, good color.

Pkt. 5c; oz. 10c; ½ lb. 30c; lb. $1.00.
VAUGHAN'S BLACK DIAMOND—A new second season black-red variety. 
A very fine medium early sort. Not large, good quality and fine

VAUGHAN'S SURE HEAD
This is a large round flathead variety, uniform size and weighing 10 to 15 pounds each head. They are very solid and have fine quality.

Our strain is most popular with market-gardeners and large growers—it is a sure header, in most unfavorable seasons.
Pkt. 10c; 1/2 oz. 15c; oz. 25c; 2 ozs. 35c; 1/4 lb. 85c; lb. $3.00.

HALCO, EARLIEST ROUND RED, (New)
This new sort originated in Denmark, and the seed we offer was grown especially for us by the originator. After extensive field tests we have found it superior to all other varieties of red cabbage in earliness, productiveness and quality. The color is intense dark red throughout, the heads after being trimmed for market, average 3 lbs. each.

If you use Red Cabbage try this one.
Pkt. 15c; 1/2 oz. 60c; oz. $1.00; 2 ozs. $1.85; 1/4 lb. $3.50.

RED CABBAGES

DANISH RED STONE HEAD. Hard, round, ball shaped heads, very compact and keep well. The color is so intense that a cross section shows almost no white. Most favorable seasons for this variety. Pkt. 10c; 1/2 oz. 15c; oz. 25c; 2 ozs. 35c; 1/4 lb. 85c; lb. $3.00.

MAMMOTH ROCK RED—A sure header of good red color to the center. Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. $1.15; lb. $4.00.

ZENITH—A very fine medium early sort. Not large, good quality and fine color. Pkt. 10c; 1/2 oz. 40c; oz. 70c; 1/4 lb. $1.25; lb. $4.50.

VAUGHAN'S BLACK DIAMOND—A new second season black-red variety. Good heads medium large, very firm, leaf rib thin and small; few outer leaves. Pkt. 10c; 1/2 oz. 25c; oz. 40c; 2 ozs. 75c; 1/4 lb. $1.40; lb. $5.00.

EARLY DARK RED ERFURT.
Pkt. 10c; 1/2 oz. 20c; oz. 35c; 2 ozs. 65c.

DARK RED DUTCH (Pkt. 10c; 1/2 oz. 20c; oz. 35c; 2 ozs. 65c.

RED DRUMHEAD (1/4 lb. $1.15; lb. $4.00.

The home vegetable garden should be a “quality” garden. Select those varieties which produce the best flavored and the most tender types. The market gardener must raise vegetables which carry and look well when stored. The color is so intense that a cross section shows almost no white.

In sections where Danish White Cabbages, like “Ballhead” do well, this will be found satisfactory.

Pkt. 10c; 1/2 oz. 20c; oz. 35c; 1/4 lb. 85c; lb. $3.00.

EARLY CHANTENAY
A Splendid Bunching Sort
A main crop variety, of reputation with market gardeners; very smooth, stump root, deep red color, fine grained, sugary, sweet; not liable to crack when growing, a fine table sort, and good cropper. Buy Vaughan’s seed, it is carefully selected.
Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. $1.10; 5 lbs. $4.50.

VERY EARLY SCARLET FORCING—(French Horn). Best variety for earliest forcing. Reddish orange colored roots, nearly round. When matured they are about two inches in diameter.
Pkt. 5c; oz. 15c; 1/4 lb. 35c; lb. $1.25; 5 lbs. $5.50.

EARLY SHORT SCARLET—(Dutch Horn). Larger than French Horn and almost as early, stump rooted, 1 1/2 inches thick, and about three inches long; fine grained, sweet flavored, color deep rich orange, and fine for bunching.
Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. $1.10; 5 lbs., $4.50.

NANTES HALF LONG SCARLET—For extra sweetness, this is all by itself. It is of good shape and size. The leaves are fine and the roots almost cylindrical very smooth and grow about six inches long; the flesh is entirely red and very sweet and almost entirely without a core.
Pkt. 10c; oz. 15c; 1/4 lb. 35c; lb. $1.10; 5 lbs. $5.00.

IMPROVED LONG ORANGE
A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange. It is a good keeper of fine quality for winter use, and extensively grown for stock feeding.
Pkt. 5c; oz. 10c; 1/4 lb. 30c; lb. $1.00; 5 lbs. $4.50.

CARROTS FOR STOCK—The Mastodon, Long White Belcian and Orange Belgian, etc., see pages 50 and 51.

1 lb. Carrot Seed, Vaughan’s Long Orange, $1.00, will sow one half-acre, sufficient to produce, on good soil, 12 tons of carrots equal in feeding value for horses or cattle, to 150 bushels of oats.

EARLY CHANTENAY

To those who never grow it “Savoy quality” is a revelation. Savoy Cabbage boiled, stuffed with sausage meat, is a dish to anticipate.

PLANT THE BEST

MARVIN’S SAVOY CABBAGE

SAVOY CABBAGES

IRON HEAD SAVOY—Best of the early sorts. Round head large and solid. Quality excellent. Pkt. 10c; oz. 20c; 1/4 lb. $1.00; lb. $3.50.

MARVIN’S SAVOY—A large solid head, very early. An almost sure header, most popular of this class. Pkt. 10c; 1/2 oz. 20c; oz. 30c; 1/4 lb. $1.00; lb. $3.50.

EARLY ULM SAVOY—Very early sort. Pkt. 10c; oz. 25c; 1/4 lb. 80c; lb. $2.75.

ALL HEAD SAVOY—Conical head, fine quality. Early and solid.
Pkt. 10c; 1/2 oz. 20c; oz. 30c; 1/4 lb. $1.00; lb. $3.50.

IMPROVED AMERICAN—Standard main crop sort.
Pkt. 10c; 1/2 oz. 20c; oz. 30c; 1/4 lb. $1.00; lb. $3.50.

Dear Sirs:—We tried in demonstration work a peek of your Petosky Potatoes last year and found that they outyielded anything we grew with them. Very truly yours,

C. D. SPROUT
County Agent, Crawford County Farm Bureau, Meadville, Pa.

CARROTS

For home use and early bunching—Chantenay, Nantes and Ox Heart are best. For general crop plant Vaughan’s Select Danvers; for forcing—use Vaughan’s Chicago Forcing or Early Scarlet Forcing. 1 oz. sows 100 ft. row.

Carrots have medicinal qualities as well as food value. Nothing better for the youngsters. Plant more of them.

EARLY CHANTENAY

1 lb. Carrot Seed, Vaughan’s Long Orange, $1.00, will sow one half-acre, sufficient to produce, on good soil, 12 tons of carrots equal in feeding value for horses or cattle, to 150 bushels of oats.

VERY EARLY SCARLET FORCING

EARLY CHANTENAY

IMPROVED LONG ORANGE
PLANT THE BEST

North Tonawanda, N. Y., Nov. 24, 1920.
I was delighted with your prompt service last season and all the seeds and bulbs I bought turned out extra fine. I have never had such a beautiful garden. MRS. J. W. CRAMER.

VAUGHAN’S

VAUGHAN’S NEW SNOWBALL

For early out-door planting and forcing Vaughan’s “New Snowball” Cauliflower is a strain of exceptional merit and value. In size, compactness and color it is ideal for market; a well grown head will measure 9-10 inches across and have depth in proportion, will be solid, and have a perfectly white core. Its habit is dwarf in growth, with great compactness and very early heading—earlier than any other sort; being dwarf and compact means economy of space when forced in the hot-bed. For wintering over to early spring, for forcing during winter and early spring, and for early spring outdoor planting, Vaughan’s New Snowball Cauliflower is a peerless success. This strain is also extensively planted for late summer and fall market. We therefore commend this cauliflower, with the assurance that it will give satisfaction to those who have not yet tried it as it has to the many who have, amongst whom are hundreds of the most critical market gardeners, who pronounce it the greatest cauliflower success for general use—the plant the best.

VAUGHAN’S EARLIEST DWARF ERFURT. Before the advent of Vaughan’s “New Snowball,” Earliest Dwarf Erfurt was the standard of early Cauliflowers. In all respects it is similar to Vaughan’s New Snowball, but a few days later. Many planters who grow Cauliflower later in the season, plant this and Vaughan’s Snowball, two varieties that mature in succession.

CHICAGO GIANT SELF-BLANCHING

A first early celery introduced by Vaughan’s Seed Store. A sort that can be put on the market ahead of any other variety. It is an Extra Early White variety; can be sown in February and marketed July 1st, a time of year when fine celery is a table luxury. The whitest early celery, and very sweet, crisp, tender, brittle, with a delicious flavor, giving zest to every bite. It is extremely vigorous in growth, to the extent that its tendency is to throw out a small percentage of off plants. We spare no expense to keep it uniform. Pkt., 10c; ½ oz., 20c; 1 oz., 35c; 2 oz., 55c; ½ lb., 90c; lb., $3.50.

CORRECT VEGETABLE NAMES

For the benefit of our friends and all who would like to grow the best vegetables, we present a list of some of the names of vegetables that are in common use. These names are not those by which we designate the various varieties of vegetables we sell, but are the names by which they are generally known as grown for consumption.

GOLDEN SELF-BLANCHING

VAUGHAN’S SELECTED STOCK

The choicest sort of delicious celery; it excels all other yellow varieties. Dwarfier, larger bunches, with broad, heavy stalks, which Blanch into a rich, appetizing, golden yellow, make this the favorite, most popular, golden celery on the market. Though the stalks are broader and heavier than the white varieties, the quality in sweetness, tender crispness, delicious flavor and absence of strings, make it a most delightful table necessity. It is by far the most planted, most desired and used of all high class celery. When you purchase Vaughan’s Seed of Golden Self-Blanching Celery, you secure the very best seed of the very best sort of celery that is sale, and exceedingly careful selection, cleaning, etc., can produce. Our selected stock is grown for us in France, by the introducers. Larger growers plant this; we have been supplying it to them for years—they get satisfying results.

We also have critical, experienced growers, producing seed for us this country from our selected stock; this we sell at a lower price and it gives complete satisfaction.

Selected Stock (French grown). Pkt., 15c; ½ oz., 30c; oz., 55c; ½ lb., $1.75; lb., $6.50.

American grown Seed. Pkt., 10c; ½ oz., 25c; oz., 50c; ½ lb., $1.35; lb., $5.00.

GIANT GOLDEN HEART

This for winter storage is the best celery. Enjoying extensive popularity and always has done so since we introduced it years ago. It has unquestioned merit in quality, in flavor, sweetness, attractiveness, and size as well as for keeping. It is a selection of the “Dwarf Golden Heart,” but is larger.

Pkt., 10c; ½ oz., 15c; oz., 20c; ½ lb., 60c; lb., $2.00.

WINTER QUEEN

An excellent winter sort with double the amount of heart of any known celery. A beautiful plant of close habit and compact growth, crisp and has delicious nutty flavor; richly solid and blanched to a beautiful creamy white. A most valuable variety for winter and spring, excels “Perfection Heartwell” as a late winter keeper, and is much thicker, stouter and heavier. Try it and it will be a favorite with you. A money maker for the market grower.

Pkt., 10c; ½ oz., 15c; oz., 25c; ½ oz., 45c; ½ lb. 75c; lb., $2.50.

GOLDEN SELF-BLANCHING

Please tell us if we may substitute in case any variety ordered by you is sold out.
CAULIFLOWER

DRY WEATHER CAULIFLOWER

This sort is grown to provide, as far as possible, against hot, dry-weather contingencies of crop failure. Where the more delicately bred varieties would succumb to unfavorable, warm weather conditions, this sort is very desirable; and no large acreage should be planted without giving a place to this. It is a very sure-header, heads larger than Snowball, and is snow-white and second early. Our seed is grown by the originator in Denmark. Plant the best. Pkt., 25c; ¼ oz., 75c; ½ oz., $1.50; oz., $2.75; ¼ lb., $10.50.

EARLIEST OF ALL

This is a Danish forcing strain of “Danish Snowball” a little smaller and a week to ten days earlier. It has very short leaves, and has been bred for first forcing under glass and in frames especially very sure header. Our strain is pedigreed Danish seed.
Pkt., 25c; ¼ oz., 80c; ½ oz., $1.60; oz., $3.00.

LARGE LATE ALGIERS. A vigorous late maturing variety for late fall use. Large heads. This is a vigorous growing variety, large and early.
Pkt., 10c; ½ oz., 50c; oz., 1.00; ¼ lb., $2.75.

AUTUMN GIANT. In Southern localities this meets with favor as a large heading late fall sort.
Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., $2.25.

EXTRA EARLY PARIS. Very dwarf and early for summer planting.
Pkt., 10c; oz., 80c; ¼ lb., $2.50.

HALF EARLY PARIS. Slightly larger and later than above.
Pkt., 10c; oz., 80c; ¼ lb., $2.50.

LENORMAND’S SHORT STEM. Bears large white heads on short stems.
Pkt., 10c; ¼ oz., 75c; ½ lb., $2.25.

EXTRA EARLY OR SECOND ERFURT. A very fine strain, producing large, white, firm heads; close and of excellent quality. Dwarf, early, always certain to head, early or late. Later and larger than Earliest Erfurt.
Pkt., 20c; ½ oz., 60c; ¼ lb., $1.00; ½ lb., $3.75.

LARGE EARLY ERFURT. This is a vigorous growing, hardy variety, with large, white, firm heads. It is the very best sort for late spring.
Pkt., 15c; ½ oz., 55c; oz., $1.00; ¼ lb., $3.75.

About Half Natural Size

GIANT PASCAL

The stalks are very large and solid, crisp and of rich nutty flavor. It blanches very easily and quickly. The heart is golden yellow and has a very attractive appearance. For Fall and Winter, this is a splendid sort. It is a selection from “Golden Self-Blanching” and possesses most of the qualities of that strain, with the added value of keeping quality. It is certainly one of the best varieties ever to its splendid keeping quality and marketability.
Pkt., 10c; ½ oz., 15c; oz., 30c; ¼ lb., $1.25.

Rose Ribbed Self-Blanching

(Golden Rose.) A sort of Golden Self-Blanching possessing all its good qualities. The ribs assume a deep, warm, rosy hue.
Pkt., 10c; ¼ oz., 25c; oz., 50c; ¼ lb., $1.35; ½ lb., $5.00.

STANDARD SORTS

PRICES OF THESE KINDS:

EVANS’ TRIUMPH. One of the best LATE sorts. Excellent quality and good keeper.
Pkt., 10c; ½ oz., 15c; oz., 30c; ½ lb., 60c; ¼ lb., $1.75.

PERFECTION HEARTWELL. Magnificent, large, golden-yellow heart, of very superior quality; excellent winter market sort. Popular in New York.
Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., $1.25; ½ lb., $5.00.

SCHUMACHER. Immense size; solid; crisp; firm golden-yellow heart; a fine keeper; very popular in Philadelphia and New York markets.
Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., $1.00; ½ lb., $3.75.

FAR SUPERIOR “MANY HEART.” Late, very large and fine; popular in Philadelphia. Crop failure.
Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., $1.25; ½ lb., $5.00.

BOSTON MARKET. White and solid; very dwarf; crisp and tender.
Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., $1.25; ½ lb., $5.00.

Mr. Schenech, Elkhart, says the Vaughan Cucumber: “Best I have ever grown in thirty years—nearly all eighteen inches long. All brought the highest price in the market.”

WHITE PLUME

OF the white varieties this is recognized the best. Amongst market growers it is popular because it has excellent marketable qualities, with consumers it is a favorite because of its crisp, tender, and altogether desirable eating qualities. Its habit of growth is vigorous, stalks are uniformly white, and large sized; as a seasonable variety it is a money maker for the market-gardener. We do not recommend it as a keeper, but wholly as a splendid sort in season, for which it has the highest endorsements of professional growers. For fall and early winter White Plume Celery grown from Vaughan’s seed is a trade-building, money-making sort.

Selected stock—Pkt., 10c; ½ oz., 15c; oz., 30c; 2 oz., 55c; ¼ lb., 80c; ¼ lb., $3.00.

DWARF GOLDEN HEART

Solid, shapely stalks; large heart, which blanches to a beautiful yellow, after storing. Popular in many celery-growing centers. It is a longkeeping “Golden Dwarf” of established merit. It is shapely and solid and requires little trimming.
Pkt., 10c; ¼ oz., 25c; ¼ lb.; ¼ lb., $1.75.

EASY BLANCHING

A recent introduction of merit. It is a vigorous grower, of medium dwarf height, stalks thick, quality excellent. A most desirable variety for the amateur, as it blanches early and is one of the best keepers. Second early, can be grown for winter and spring use.
Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., $1.25; ½ lb., $4.50.

FRENCH’S SUCCESS. A fine keeping Winter White Celery. Pkt., 10c; ¼ oz., 30c; oz., 50c; ¼ lb., $1.25; ½ lb., $4.50.

SOUP CELERY OR SMALLAGE. Green foliage used for soups. Oz., 15c; ¼ lb., 40c; oz., $1.50.

OLD CELERY SEED. Used for flavoring.

For the Home Garden, plant for yellow—Golden Self-Blanching, Vaughan’s Select Stock; for white—White Plume and Winter Queen.

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Mr. Schenech, Elkhart, says the Vaughan Cucumber: “Best I have ever grown in thirty years—nearly all eighteen inches long. All brought the highest price in the market.”

Only half the pleasure of a garden is in its beauty—the other half is in its tending.
BORECOLE—See Kale, p. 23.

CELERIAC—Turnip Rooted Celerery

This vegetable deserves much wider cultivation, it has real merit. Cooked and prepared as a salad it is very desirable; it has a rich, measty, distinct celery flavor. It may also be cooked as are turnips and parsnips. People who like celery flavor will approve Celeriac. The roots keep well in winter—recipes for preparing enclosed with seed.

NEW CELERIAC, "DELICATESSE." Roots are oval, perfectly smooth; no side roots—never rusts. Flesh is pure white, tender, and of general excellent quality. This kind does well on light soils. Pkt., 10c; 1/4 lb., 35c; oz., 60c.

EARLIEST OF ALL. Ready in June; pure white flesh, very tender. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

LARGE SMOOTH PRAGUE. Exceeds in quality, size and appearance. Not like common sorts, which are often crooked and have a lot of useless roots. Large Smooth Prague Celeriac is the main crop variety, nearly globe shape and almost twice the size of Erfurt—only a few rootlets at bottom—the American grower's favorite. Pkt., 10c; 1/4 oz., 35c; oz., 60c.

WITLOOF CHICORY

Witloof (French Endive). A European delicacy now standard in all best hotels and restaurants in the U. S. It is easily grown. Sow in spring; store parsnips in sand until wanted for growing on in winter; directions on packages. Pkt., 10c; oz., 30c; 1/4 lb., 1.00; lb., 3.50. Roots of above 3 for 40c postpaid (with forcing directions up to April lst).

Large Rooted Magdeburg. Roots are cut in thick slices, roasted and used as coffee; in spring leaves make good salad. Pkt., 10c; 1/2 oz., 60c; lb., $2.00.

PLANT LEEK

Loof Chicory or furnishes a delicious salad all winter. French Endive

NOTE—Witloof Chicory or French Endive furnishes a delicious salad all winter. 

CELERY—See Green, p. 21.

CELERIAC—Giant Prague

CARDOON. Main stalks are blanched like Celerity, used for salad or in soups. Pkt., 10c; oz., 40c; 1/4 lb., $1.25; lb., $4.50.

CHERVIL DOUBLE CURLED. Similar to Parsley, handsome for garnishing. Pkt., 10c; oz., 25c; 1/4 lb., 60c.

COLLARDS. A variety of cabbage used in Southern states. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., $1.00.

KOHLRABI

Sow in June or July, in rows, thin to 12 inches. Bulbs grow above ground, are stripped and cooked like Turnips, but are much sweeter.

EARLY WHITE VIENNA. White and tender. Pkt., 10c; oz., 25c; 1/2 lb., 80c; lb., $3.00.

EARLY PURPLE VIENNA. Pkt., 10c; oz., 25c; 1/2 lb., 80c; lb., $3.00.

SHORT LEAVED EARLY ERFURT. For forcing in open ground. White flesh, very tender, short leaves. Pkt., 10c; oz., 30c; 1/2 lb., 90c; lb., $3.25.

WITLOOF CHICORY

SWEETER THAN TURNIPS.

WHITE VIENNA

BROCCOLI

A vegetable similar to Cauliflower, of less delicate flavor, but hardier. Of value in northern latitudes, where Cauliflower does not do well. Pkt., 10c; oz., 30c; oz., 50c.

Purple Cape—This has purplish heads and resembles the Algerian Cauliflower in habit of growth. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

BROCCOLI

ALENCON CABBAGE—The flower, of less delicate flavor, of more dwarf habit and less liable to frost. The culture is practically the same as for cabbage. Pkt., 10c; oz., 30c; oz., 50c.

LAKE ERFURT. A standard. Roots of above 3 for 40c.

LARGE SMOOTH PRAGUE. Ready in June; pure white flesh, very tender. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., $2.00.

BROCCOLI

A standard. Roots of above 3 for 40c.

LARGE SMOOTH PRAGUE. Ready in June; pure white flesh, very tender. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., $2.00.

BROCCOLI

A standard. Roots of above 3 for 40c.

LARGE SMOOTH PRAGUE. Ready in June; pure white flesh, very tender. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., $2.00.

BROCCOLI

A standard. Roots of above 3 for 40c.

LARGE SMOOTH PRAGUE. Ready in June; pure white flesh, very tender. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., $2.00.
**VAUGHAN'S EXCELSIOR MOSS CURLED KALE.**

By far the best Kale

**VAUGHAN'S IMP'D NEW YORK**

later transplant to rows 2 to 2½ feet apart. Dwarf sort can be sown later

**AUTUMN GIANT.**

Gigantic; ideal for early use; does not stand severe frost.

Pkt., 10c; oz., 15c; lb., 45c; lb., $1.50.

**GREEN CURLED WINTER.**

Pkt., 10c; oz., 15c; % lb., 45c; lb., $1.50.

**GREEN CURLED SUMMER.**

Standard variety for fall and winter. Finely divided leaves, making the plant

A delightful autumn and winter salad. Sow seed from middle of June to the end of August.

Hardier than Cabbage. Leaves curly

**VERY EARLY DWARF PURPLE.**

This variety is extremely early, it resembles "New York and large.

**BLACK BEAUTY—**An Early variety, suitable for northern planting

**ENDIVE**

**CHICORY ENDIVE.** A delightful autumn and winter salad. Sow seed from middle of June to the end of August.

**GREEN CURLED SUMMER.** Standard variety for fall and winter. Finely divided leaves, making the plant

appear mossy, and when centers are blanched most beautiful.

Pkt., 10c; oz., 15c; % lb., 45c; lb., $1.50.

**GIANT FRINGED.** Most beautiful snow white heart, fine delicate green fringe.

Pkt., 10c; oz., 20c; % lb., 50c; lb., $1.75.

**MOSS CURLED.** Fine sort.

Pkt., 10c; oz., 15c; % lb., 45c; lb., $1.50.

**EVER WHITE CURLED.** Very crisp.

Pkt., 10c; oz., 15c; % lb., 45c; lb., $1.50.

**BROAD LEAVED WHITE.** Slightly curled.

Pkt., 10c; oz., 15c; % lb., 45c; lb., $1.50.

**GARLIC SELECTED BAVARIAN**

lb., 30c; 10 lbs., $2.50. Postage extra.

Write for latest market prices on quantities.

**HORSE RADISH SETS**

**ORDINARY HORSE RADISH.**

Roots produce good Radish, fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under soil. 100, $1.25; by mail, $1.30; 500, $5.00; 1000, $9.50.

**VAUGHAN'S IMP'D NEW YORK PURPLE EGG PLANT**

**VAUGHAN'S MAMMOTH RHUBARB.** Vigorous and productive; stalks numerous; the large ones being fifteen inches long and fully one inch and a half wide; an excellent spring food possessing medicinal properties. It is the first article of the season from the garden and no planter should be without it.

Price of Seed per Pkt., 10c; oz., 15c; % lb., 40c; lb., $1.35.

**LINNAEUS.** Seed, per pkt., 10c; oz., 15c; % lb., 40c; lb., $1.35.

**CHICAGO GIANT.** This dwarf Rhubarb is bred for large stalks and small leaves. We have grown this variety for years, and find it A1. Pkts. only, 15c. Roots, good sized clumps, by express, $0.50 each.

**RHUBARB ROOTS.** Set in spring they will furnish leaf stalks the following season: clumps each 15c; doz., $1.50. Large clumps, by express, 25c, 3 for 60c. Extra Large Clumps, each 50c; 3 for $1.25.

Plan your garden early! Perhaps you have a friend who would like to have one of our extra oga. A postal is sufficient.
MAMMOTH WHITE CORY

Malakoff

The Great Sweet Corn for northern country; in the northern states and Canada where the season calls for quick maturing this is the best of all sweet corn. In flavor it has no equal. It is a dwarf growing corn, rarely exceeding 4 feet in height; the stalks usually average 2 ears each. The kernels are shallow and sweet. We have specialized in this variety. Our stock has been carefully re-selected and the crop harvested on our Michigan farm.

Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.85.

EARLY IOWA. A fine sweet corn. A week earlier than "Mammoth White Cory," and of superior quality. The ears are 8 rowed, usually 2 to a plant. The stalks are short with little foliage. Under middle west conditions it is the earliest sweet corn with ears of marketable size. Our seed is grown on our own farms in Michigan.

Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $2.25.

EARLY MAYFLOWER. In the New England States this is the earliest sweet corn of good size. In the Middle West it is not as early as Early Iowa. White cob and kernels, larger than White Cory and ten days earlier. New England grown seed.

Pkt., 10c; lb., 30c; 2 lbs., 55c; 10 lbs., $2.00.

EARLY MINNESOTA. A favorite early, a few days later than Mammoth White Cory. ears have 8 to 10 rows of large white grains. Very productive.

Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.85.

EARLY CHAMPION. A corn of Golden Bantam QUALITY of the RIGHT SIZE. It is a retained the quality of the Bantam and has the more tender skin of able sized ear of corn superior in quality to England, the home of sweet corn, where it is EATEN. Pkt., 15c; lb., 30c; 2 lbs., 60c;

GOLDEN BANTAM

EARLY EUNICE. One of the earliest and largest of the Bantam family. Kernels have 10 rows, 24 to 32 per cob, white, very tender, large and very prolific, usually 2 to 3 ears to the plant. Ears are about six inches long. Very white, not too large, kernels, which are tender and full of milk. The ears are medium, often three on a stalk. Planted by many gardeners for both early and late.

Pkt., 10c; lb., 25c; 2 lbs., 50c; 10 lbs., $2.00.

LATE MAMMOTH. Produces the largest ears of all sweet corn varieties. A little late in season. In spite of its immense size, the ears are of excellent quality, delicious, sweet and tender.

Pkt., 10c; lb., 25c; 2 lbs., 50c; 10 lbs., $2.00.

METROPOLITAN. Popular in eastern states, season between Minnesota and Champion. Kernels have 10 to 12 rows, large and very sweet.

Pkt., 10c; lb., 25c; 2 lbs., 50c; 10 lbs., $2.00.
Fertilize the Sweet Corn ground if you want high sugar content. See Fertilizer Pages. Vaughan's New England grown seed develops a larger percentage of sugar than seed grown in the Western States. We quote prices here for both.

**Eastern Connecticut grown,**
Pkt., 10c; lb., 25c; 2 lbs., 50c; 10 lbs., $2.00.

**Western grown, Eastern stock seed,**
Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.75.

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**COUNTRY GENTLEMAN**

Very large ears are characteristic of this sort. It is earlier than Stowell's Evergreen by 8 to 10 days. This variety remains green for a long time and in northern localities it is a sure cropper than Stowell's Evergreen, of which this is a smaller sort. Reliable seed of this well known variety is at your command in Vaughan's Seed Store.

Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.85.

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**EARLY EVERGREEN**

A selection from the broad grained Evergreen in which the large sized cob is retained with the kernels only half as wide as the Standard Sort. The result is a much more attractive looking corn, especially valuable to market gardeners and canners.

Pkt., 10c; lb., 25c; 2 lbs., 50c; 10 lbs., $2.00.

**GOLDEN CREAM**

(A Late Yellow)

A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman.

Pkt., 15c; lb., 30c; 2 lbs., 60c; 10 lbs., $2.25.

(Larger quantities of all Sweet Corns or other seeds at 10 lb. rate.)

For a succession in the home garden, plant Golden Bantam, Bantam Evergreen and Golden Cream.

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**BLACK MEXICAN.** Everyone who has seen this Corn remembers it and the delicious sweetness and fine grain qualities in spite of its dark color, making it more and more of a favorite every year. Eight to 10 rowed; ears about 8 inches long; kernels bluish purple to black and rather flat.

Pkt., 10c; lb., 30c; 2 lbs., 55c; 10 lbs., $2.10.

*VAUGHAN'S BLACK SUGAR.* This is an Eastern grown selection of the Black Mexican variety. Our grower has selected it for large maturing ears and high sugar qualities. For one who has never grown this Corn its quality is a revelation.

Pkt., 10c; lb., 30c; 2 lbs., 60c; 10 lbs., $2.25.

Any of the following, per pkt., 10c.

Kendel's Early Giant... $0.25
Early Mammoth......... $0.25
Old Colony............. $0.25
Hickox Improved........ $0.25
White Evergreen........ $0.25
Perry's Hybrid.......... $0.25

(Larger quantities all Sweet Corns at 10 lb. rate.)

Sweet Corn for Succession. Plant the following varieties at one time and they mature so as to furnish green corn throughout the season; Mammoth White Cory, Early Champion, Stowell's Evergreen.

Offer No. CXX. 1 pkt. each (3 kinds), 25c; prep'd.

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**CORN SALAD. A MOST REFRESHING SALAD. SEE PAGE 22**
PLANT THE BEST

Cucumbers for slicing are generally of the white spine type. For general home garden use Vaughan’s Arlington White Spine, a medium sized variety, and Davis Perfect a long sort will be found very satisfactory.

VAUGHAN’S IMPROVED ARLINGTON WHITE SPINE

Is early, and a heavy yielder; it is a beautifully symmetrical, straight type cucumber, 7-10 inches long. Throughout its entire length, the skin is an attractive, glossy dark green; the flesh firm but tender, with delicious flavor; these surpassing qualities have made it a great favorite.

In the southern country it is a universally planted sort and Vaughan’s strain of Improved Arlington White Spine is the Standard for both home and market gardens. For northern markets it may be a trifle small, but for home garden, it has no superior and is indeed very popular. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.50.

BOSTON FORCING WHITE SPINE

In New York, Boston, Philadelphia and other exacting markets, Vaughan’s “Boston Forcing Cucumber” is the “top notcher” of forcing varieties in both price getting and popular favor. Add to this the fact that the vines are remarkably strong and very productive, 2½% better than other forcing sorts, and you will understand why this splendid cucumber is a big money maker and a great favorite. The fruit is very even, smooth, slender, with dark green skin and whitish markings more blended than is usual, and the quality very superior. For hot-bed and outdoor planting in southern localities. This is a money-maker for market growers. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.50.

EARLY CYCLONE. 3 to 4 inches long, earliest of the white spines; prolific. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.50.

IMPROVED WHITE SPINE. Medium size, straight, always fine yielder; light green. Pkt., 5c; oz., 15c; lb., 45c; lb., $1.40.

EMERALD. Smooth, almost spineless, dark green, which it retains well, fine for slicing. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.60.

NICHOLS MEDIUM GREEN. Early, medium size, straight, smooth, dark green, good flavor, for pickling and slicing. Pkt., 5c; oz., 15c; lb., 45c; lb., $1.40.

COOL AND CRISP. Fine for slicing. Early, prolific, and covered with knobs, and black spines on dark green skin—makes handsome pickles. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.50.

ODD CUCUMBERS

Japanese Climbing. Grows quickly on poles or trellis, takes up little room in the garden. Fruit is good size, fine flavor, especially good for slicing and salads; does best in dry warm summers. Pkt., 10c; oz., 20c; lb., 60c; lb., $2.00.

Lemon Cucumber. Not the same as the Garden Lemon (see page 33), though similar in appearance, it is a real luscious flavored cucumber, a worthy addition to the list. Pkt., 10c; oz., 20c.

Serpent or Snake. A curiosity, usually much twisted cucumber. Pkt., 10c; oz., 25c.

We specialize in choicest strains of Cucumbers as well as Radish.

Dandelion, see page 22. Egg Plant, Endive, Horse Radish Sets, see page 23.
CUCUMBERS

Splendid for Forcing. Excellent for Outdoors.

THE VAUGHAN

Best of All for Slicing. Uniform Size.

A really sensational novelty. In our opinion, the best new cucumber ever introduced. Compared with other extra long white spine cucumbers, like Davis Perfect, Fordhook Famous, etc., it is much darker in color, more uniform in size, thinner and more prolific.

DAVIS PERFECT

Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor and outdoor planting it is most popular. Its extremely vigorous growth, makes it the best blight resister of the long sorts.

Pkt., 10c; oz., 50c; ½ lb., $1.75.

Stock seed—pkt., 15c; 2 for 25c; ½ oz., 60c; oz., $1.00.

Improved Long Green

Vaughan's strain of "Long Green," is a strain improved and developed by re-selection. The vines of our strain are very vigorous, and productive; the fruit (12 inches long) is formed almost as early as on the short sorts. As a cucumber of the "black spine" variety, for slicing and for pickles, this is one of the very best. The flesh is very firm and crisp and has a distinctive fine flavor quite its own; they make excellent pickles, and when yellow and ripe the best sweet pickles. The fine dark green color, the size, shape, crispness, and flavor, make this the best of the "black spine" varieties.

Pkt., 10c; oz., 20c; ½ lb., 60c; lb., $1.75.

EXTRA LONG WHITE SPINE

Like "Davis Perfect," "Extra Long White Spine," is a great blight resister. It is thicker than "Davis Perfect," straight, smooth, dark shiny green, 8-12 inches long; with superbly flavored, tender, crisp flesh. It is very early, vigorous and prolific and far more blight-proof than any of the ordinary sorts. Select stock, pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.60.

ROCKY FORD (Klondyke)—White Spine.

A fine market garden sort—between the New Century and Arlington in size—slightly earlier, however. A wonderful keeper and shipper. Good dark green color.

Pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.50.

NEW CENTURY—A fine strain of long white spine, 8 to 10 inches in length—very thick, uniform, smooth and straight. It holds its dark green color well and is fine for slicing.

Pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.50.

FORDHOOK FAMOUS—White Spine.

As long as "Davis," slightly bent, but very handsome, twelve to fifteen inches long, quality is superb, dark green, vigorous.

Pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.60.

SNOW'S FANCY PICKLING

This is a selection made originally from the "Chicago Pickle" by a veteran pickle grower in the west. The type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles, although quite similar to the Chicago Pickle, have an additional value where blight prevails. The fruit being smaller, the blight does not sap the strength of the vine to the detriment of a crop. We offer a strain of most carefully selected seeds from fields inspected by us and under our own direct supervision.

Pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.50.

VAUGHAN'S XXX PICKLING. Fruits protrude from under the vine, making picking comparatively easy.

Pkt., 10c; oz., 20c; ½ lb., 50c; lb., $1.50.

VAUGHAN'S Cucumber Specialties, Vaughan's Improved Long Green, Westerfield's Chicago Pickle, Snow's Fancy Pickling.

PLANT THE BEST

OUR FREE DELIVERY. See inside back cover page explaining FREE DELIVERY to first three postal zones. FOR 5 CENTS PER POUND MORE WE PREPAY TO ALL ZONES.

27
**CABBAGE OR**

**VAUGHAN’S ALL SEASONS**

In 1879 we introduced this distinctive variety. It immediately leaped into popular favor, in which it has gained through all the years, and is today an unapproachable favorite. Heads are large, solid and handsome, almost as large as Flat Dutch Cabbage; leaves are grayish-green, never spotted or brown; they are broad and thick and have decided buttery flavor, embodying all in the term excellent; the inner leaves blanch beautifully. This sort is a sure header and slow to run to seed. Vaughan's introducer's selected stock is the exclusive favorite of Chicago market growers.

Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.

**VAUGHAN’S**

**ALL SEASONS**

**COS LETTUCE**

Considered by many the highest type of lettuce; has distinct upright habit, very crisp and sweet. Needs transplanting.

**EXPRESS COS.** A Vaughan introduction. The most dwarf and earhest of all. Delicious flavor. Self-closing. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

**PARIS WHITE COS.** Grows to large size. Self-closing. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

**TRIANON COS.** Similar to above, but grows whiter and matures earlier. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

VAUGHAN’S SELECTED LETTUCE STOCKS

**GRAND RAPIDS**

**VAUGHAN’S SELECTED STOCK**

A home garden favorite, extensively planted for market.

Grand Rapids Lettuce for hot-bed or greenhouse growing, is a curly leaved lettuce of great popularity because of exceptional merit. The leaves develop very quickly and its upright habit, requiring little room in the bed, permits close planting. Grand Rapids Lettuce has an elegant appearance, is an excellent keeper and a splendid shipper. The leaves are a beautiful green, daintily curled, tender and crisp. The flavor is sweet and delicious. This lettuce secures many buyers, and makes profit for the market growers who plant it, and in the home garden it produces continuous satisfaction. Through trials and re-selections we secure seed for our customers of the most perfect type.

**VAUGHAN’S Extra Selected Stock:**

Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.

**Standard Stock:** Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., $1.25.

**TILTON’S WHITE STAR.** Large, very rapid grower, is a distinct variety of B. S. Simpson; leaves are very broad, thick, less frilled and darker than B. S. Simpson; they blanch well, good quality—goes to seed. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.25.

**WAYAHEAD.** Very early head lettuce, in season about time of "May King." Is larger than May King. The head is of golden yellow, and the outer leaves light-green.

Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

**PRIZEHEAD.** Very popular, large, loose heading sort. Leaves finely crumpled and fringed, outer ones, shaded brown; very crisp, sweet and tender, splendid for home garden.

Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.10.

**ST. LOUIS BUTTER-HEAD.** Extensively planted. Has gained great popularity since the St. Louis World’s Fair in 1904. Large, solid head, crumpled leaves, yellow center. These need transplanting to frames—tender yellow heart.

Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

**MAY KING.** A very early heading variety. This is among the finest of heading sorts. The outer leaves are green, just tinged with brown; they fold close, permitting close planting in frames—tender yellow heart. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

This sort is a sure header and slow to run to seed. Vaughan’s introducer’s selected stock is the exclusive favorite of Chicago market growers.

Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.50.

**KALE, see page 23.**

**KOHLRABI, LEEK, see page 22.**
**BLACK SEEDED SIMPSON**

(Varities listed on top half of these two pages are loose leaf sorts, while the bottom half describes head lettuces).

**Black Seeded Simpson Lettuce is always reliable and easily grown.** The leaves grow large, the inner ones forming a semi-compact head; they are a handsome green beautifully crumpled, have fine quality, being tender, crisp and sweet flavored. This sort may be grown under glass, in cold-frame or open ground. It is unsurpassed as a heat resister, and is especially adapted to amateur gardeners, who may be unsuccessful in growing head lettuce. Its fine appearance makes it a success on the market, and in the home garden.

**Vaughan’s Selected Stock:** Saved from extra selected plants. 

**STANDARD STOCK:** Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.

**EARLY CURLLED SILESIA:** A dwarf of compact habit and thick growth. Crisp, golden leaves, finely curved edges; an old favorite. 

**Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.**

**EARLY CURLLED SIMPSON:** White seeded, similar to Early Curled Silesia—one of the best leaf lettuces.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.**

**THE MORSE:** Desirable strain of Black Seeded Simpson, for growing under glass—a careful selection by a seed grower of wide experience—leaves bright green, beautifully crinkled.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.**

**CENTRAL MARKET LETTUCE—crop failure.**

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**HEAD LETTUCE**

**IMPRESSED HANSON**

The Most Reliable Header for Home Garden

On all markets—a well known, highly approved lettuce. Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. The outside leaves are glossy green and handsome, the inside ones are very tender and deliciously sweet, and all are beautifully crinkled and curled. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.50.**

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**BLACK SEEDED BIG BOSTON**

A very deserving smooth-leaved head lettuce of uniform growth and finest quality. With southern gardeners who ship north, many of whom plant Vaughan’s seed exclusively, this is most popular; the best early large heading sort South; North, a valuable first early. Plants are vigorous, mature large heads of bright green leaves which are very tender. One of the very best for forcing. Should be grown by market gardeners and amateur growers alike. Our strain is unsurpassed. Vaughan’s selected stock.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

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**OTHER GOOD SORTS**

**ICEBERG.** Extremely hard heading, has finely indented leaves. Good for home or market.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

**GOLDEN QUEEN.** A good first early.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

**GIANT CRYSTAL HEAD.** White solid, extra quality.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

**GIANT GLACIER.** Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.

**MIGNONETTE.** A delicious, crisp, solid, late sort, splendid for market or home garden; sure heading, inner leaves blanched to a beautiful golden yellow; rich buttery flavor.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

**NEW YORK OR WONDERFUL.** Large white leaves.

**Pkt., 10c; oz., 25c; ½ lb., 45c; lb., $3.00.**

**BUTTERCUP.** Lightest green and most yellow of all sorts. Excellent quality. Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.**

**MAMMOTH BLACK SEEDED BUTTER.** Large hard heads. A favorite everywhere. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.

**MIGNONETTE.** A delicious, crisp, solid, late sort, splendid for market or home garden; sure heading, inner leaves blanched to a beautiful golden yellow; rich buttery flavor.

**Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.**

**BROWN DUTCH.** Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.**

**TENNIS BALL.** Black Seeded. One of best standard sorts.

**Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.**

**TENNIS BALL.** White Seeded. (Boston Market). A good forcer. Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.

**WHITE SUMMER CABBAGE.** Green, very hardy, popular.

**Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.**
PLANT THE BEST

VAUGHAN'S ORIGINAL OSAGE
VAUGHAN'S IMPROVED MILWAUKEE MARKET

VAUGHAN'S EXTRA EARLY OSAGE
DON'T MISS IT

VAUGHAN'S ORIGINAL OSAGE

Most growers of Muskmelons have learned that success with this vegetable varies greatly with soil conditions; many kinds are adapted for only one soil or location; Vaughan's Osage is a notable exception to this rule, it not only succeeds on all soils, but great value lies in its general purpose adaptability for both market and home use.

In heavy soils, where other sorts like Rocky Ford produce inferior fruits, Osage does well; in sandy soil it is at home, and a money-maker for growers. Seldom indeed is there a poor quality Osage; it holds its own rich flavor much longer than other sorts, and best of all the red-fleshed. As the introducers we pride ourselves in maintaining its uniform quality for our old time customers. We carefully re-select our seed melons each season to insure this.

Selected Stock. Pkt., 10c; oz., 25c; ½ lb., 75c; lb., $2.50.
Standard Stock. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.40.

SPECIAL SHIPPING OSAGE. This is a selection of the Osage made for the purpose of increasing the netting more than the original type, thus bettering the shipping qualities. Our grower has been successful and this melon will stand a shipment of several hundred miles without breaking down. The quality is almost identical with Osage, although it runs a trifle smaller in size.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

VAUGHAN'S EXTRA EARLY OSAGE

Extra early strain of the Popular Orange Flesh Osage Melon. Not as large as Vaughan's Original Osage but at least ten days earlier and of equal quality. Market Gardeners will find it a money maker.
Pkt., 10c; oz., 25c; ½ lb., 67c; lb., $2.25.

VAUGHAN'S PAUL ROSE

This is another melon introduction of Vaughan's Seed Store, and as such we offer it to professional melon growers as a variety of basket packing size that fills every requirement a first-class melon should have. Paul Rose is the result of crossing Osage and Rocky Ford, an exceptional combination of melon qualities, the rich quality, color of flesh and fine flavor of Osage, with the deep netted skin, shape and size of Rocky Ford. This grand melon combination produces the largest percentage of high-class table melons. It is an ideal marketing melon, and does not break down in shipping. In season it is 10 days earlier than Osage.

Selected Stock. Pkt., 10c; oz., 25c; 2 oz., 40c; ½ lb., 75c; lb., $2.50.
Standard Stock. Pkt., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., $1.40.

TIP TOP

A melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow fleshed melon of the very best quality. It is sweet, juicy, of finest flavor, edible to the very rind. A strong grower, and heavy yielder. Selected Stock. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.40.

MONTREAL MARKET NUTMEG

The largest of the nutmeg varieties. This melon is extensively raised near Montreal, being sown and grown in cold frames until ready to set out. Skin is dark green, flesh green.
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

VAUGHAN'S MILWAUKEE

This is a fine new melon that made its appearance in Milwaukee a few years ago. It originated as a cross between the old Surprise and a Gem melon. Our strain has been improved by careful selection and for a fine home melon and a market wagon variety it has no superior. The skin is light green, fruits nearly round with only slight sutures, flesh salmon, wonderfully sweet, with almost no stringiness.

Every home gardener who can grow musk melons should plant this for 1921.
Pkt., 10c; oz., 25c; ½ lb., 75c; lb., $2.50.

IMPROVED JENNY LIND,
Vaughan's
Selected Stock. A compact packet, with rind thick at ends, which are flattened and are not easily broken when cratered, or basket-packed for shipment. The quality of its yellowish-green flesh is unsurpassed.
Pkt., 5c; oz., 10; ¼ lb., 35c; lb., $1.25.

MELON PESTS. Watch out for cut worms, aphids and blight. Use Paris Green mixed with bran for cutworms; Blacklead 10 for Aphis and Bordeaux mixture for blight.

FORCING MELONS

Highest Table Quality; Suitable for Greenhouse Growing:

SMITH'S IMPROVED EMERALD GEM FORCING. Salmon flesh.
ALI SUPERB. Scarlet flesh.
BEST OF ALL. White flesh.
BLENHEIM ORANGE. Scarlet flesh.

DIAMOND JUBILEE. Green flesh.
RINGLEADER. Green flesh.
ROYAL SOVEREIGN. White flesh.

Price of each, pkt., 25c.

TIP TOP
ROCKY FORD NETTED GEM

Of the green-fleshed muskmelons Rocky Ford is the recognized standard of excellence. To secure the real high class quality possible to produce in this melon it is necessary to have seed saved from choicest specimen melons only. We offer two grades of seed: Vaughan’s Selected Stock which is saved from specimens of the highest class market melons—since “like produces like”—and Standard Stock saved from field-run melons from a crop in which all rogues, or untrue vines, have been discarded.

Picture at right shows specimen grown from Vaughan’s Selected Stock. Note the small seed cavity and thickness of flesh. Our strain is the popular gold-lined tint.

Select Stock. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., $1.75.

Standard Stock. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., $1.25.

VAUGHAN’S HOODOO

The Ultra Gem

HOODOO Introducer’s Strain. The best salmon-fleshed Gem Melon. Introduced by Vaughan’s Seed Store. Quality—fine grained, not stringy and of the sweeter flavor. Size and Shape—just right, so it may be served cut in halves. Flesh and Color—deep orange, extremely thick. A Shipper—uniform, like “peas in a pod.” Netting is ideal, heavy and close. Prolific and uniform, produces well under unfavorable conditions and withstands blight better than most varieties.

HOODOO melons from Michigan points bring highest market prices in competition with the whole United States.

SELECT STOCK. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., $2.50.

Standard Stock. Pkt., 10c; oz., 15c; 1/2 oz., 40c; 1/2 lb., $1.40.

Morrill’s Re-selected HOODOO (Hearts of Gold). Selected especially for shipping. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., $2.50.

CHAMPION MARKET. The flesh is light green and of very rich sweet flavor. Early as Netted Gem, which resembles it in shape, but is fully three times its size. Very prolific, a good shipper.

Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., $1.40.

EXTRA EARLY HACKENSACK. Ten days earlier than old “Hackensack,” of which this is a selection. The melons weigh 4 to 10 lbs. each; market growers should remember that this is one of the best, earliest, hardest, most prolific of netted melons—and has fine flavor.

Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., $1.25.

OVAL NETTED GEM. Old style Gem which was in favor before the new Rocky Ford types, and now, in the East is often preferred to Rocky Ford.

Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., $1.25.

MANGO MELON OR VEGETABLE PEACH. Orange shaped, golden yellow flesh. Makes splendid mashes, stuffed like Peppers, with cream, rice and preserves. Cooking directions on packets.

Pkt., 10c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; lb., $2.00.

VAUGHAN’S OSAGE GEM. A real gem with salmon colored delicious flesh, and where Rocky Ford Netted Gem is produced in Colorado it is as much in favor as the green fleshed variety. Introduced by us under the name “Vaughan’s Osage Gem,” it is now the most renowned variety of melon on the market. It is listed in all seed catalogues under other names. The skin is heavily netted like the Rocky Ford and the luscious salmon colored flesh is of the highest quality.

Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., $1.75.

EMERALD GEM

The skin is smooth and deep emerald color, the flesh is thick and of delicate salmon tint. The vines bear early and are very prolific. A splendid home garden melon, but is not a good shipper; it is, however, one of the sweetest and best quality melons and well adapted to the purposes of the home garden.

Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., $1.75.

EARLY CITRON, LANDRETH’S. Very early half flat sort. Flesh green, of fair quality.

Price, Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., $1.25.

BANANA. Cucumber shaped. Delicious odor.

Extra Early Nutmeg. Very early; green flesh.

Price, Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., $1.25.

NEW MELON, HONEY DEW

A new melon originating in the Rocky Ford district with a somewhat vague story of the first seed having come from some place in South Africa. The skin is perfectly smooth, of a delicate yellow color with incidental warts in scattered fashion. The rind is thin but very firm, the flesh is very thick and the color blends from a near white at the rind to the daintiest of emerald greens at the seed cavity which is of medium capacity. The flesh is very sweet and juicy and possesses a peculiar honey flavor. In short season localities it should be started on soid in the hot bed, as it is several weeks later than the Rocky Ford. Honey Dew is best when quite ripe. Store a few days after picking.

Pkt., 10c; oz., 25c; 2 oz., 45c; 1/4 lb., 75c; lb., $2.50.

SWEET AIR (New). Very popular around Washington, Baltimore and Philadelphia. Being a green fleshed melon of superior flavor and correct size, is well suited to that region, and commands the highest market prices. It is 5 to 6 inches across and 7 to 8 inches long. The netting is good, and creates stand long distance shipping. The flesh is thick, color dark green blending to light pink near the center. The vines withstand blight better than other green sort, and remain green until fruit is fully ripe.

Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., $2.00.

GARDEN LEMON. Fruit nearly round, with yellow and green markings, skin smooth, flesh tender, sweet melon flavor.

Price, Pkt., 10c; 1/4 lb., 50c.
WINTER WATERMELON

This is an exceptional melon for fine keeping quality; put in a cool place it keeps long into the winter and retains its delicious sweetness and flavor. It is early and prolific; the flesh is red, extremely firm, almost as hard as citron, very brittle and deliciously sweet. The skin is very light green, almost white, and its shape is round. It is highly satisfactory to those who want a winter variety.

Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c; 5 lbs., $4.00; 10 lbs., $7.50.

HALBERT HONEY

A variety somewhat similar to Kleckley Sweets—of much darker color. The vines are very prolific and usually bear four and five very uniform melons—quality the highest.

Pkt., 10c; oz., 15c; ½ lb., 35c; lb., $1.00.

ALABAMA SWEETS

A Southern favorite; there it grows to perfection, and is a grand shipper. It is oblong shaped, dark green skin, irregular striped, has bright red flesh of delicious flavor and sweetness. Our strain is especially fine; the seed is white.

Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c; 5 lbs., $4.00.

STANDARD VARIETIES

Any of the following—Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c.

COLORADO CITRON—For preserves.

RED SEEDED CITRON—For preserves.

CUBAN QUEEN—Late, large, good.

EARLY FORDHOOK—Earliest shipper.

FLORIDA FAVORITE—Long, striped.

GREY MONARCH—Oblong, light green.

ICEBERG—Similar to Kolb's Gem.

ICE CREAM OR PEERLESS—Early, fine quality melon.

LUSCIOUS

TENDER

SUGARY

KLECKLEY SWEETS

This is a grand, old-established variety of Vaughan's Special Watermelons. In its culture the greatest care is always taken by us to retain the excellent qualities for which it has become famous, and properly stands as the type of excellence for eating. It has no superior in any respect but for shipping. As a shipper it is poor, because the rind is thin and brittle. Vaughan's Kleckley Sweets—identical with "Monte Cristo"—is about 20 inches long, 10-12 inches through; has rich, dark green skin, and bright scarlet flesh, the ideal of watermelon quality. It is without cotton or stringiness and is absolutely delicious to eat, to the last bite. In the North it matures a few days later than "Cole's Early." Our seed has been grown from early ripening melons. For home and local market gardens.

Pkt., 10c; oz., 15c; ½ lb., 35c; lb., $1.00; 5 lbs., $4.50.

SWEETHEART—Oval, light green mottled, flesh bright red, very firm, yet tender. A fine shipper.

Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

VAUGHAN'S BLACK DIAMOND. Very large, prolific, medium early, dark green skin, rich flesh, blunt oval shape, fine shipper.

Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

SPLENDID TOM WATSON SHIPPER

There's delicious sweetness in every bite, for its eating is as splendid as its shipping quality. The flesh is rich red, crisp and tenderly melting. The quality of this melon changed the market demand from the round to the long melons. It is 24 inches long, 12 inches through, dark mottled green rind, thin but strong—flesh can be eaten almost to the skin. A great money maker in all markets.

Pkt., 10c; oz., 15c; ½ lb., 35c; lb., $1.00; 5 lbs., $4.50.

For the home garden, plant Cole's Early and Kleckley Sweets.

For local market, plant Kleckley Sweets; for shipping Tom Watson.

The U. S. Mail brings our store right to your door. Read inside back cover showing how we prepay to all zones for 5 cents extra.
The cultivation of a Mushroom-bed is a highly profitable enterprise; the demand for FIRST QUALITY MUSHROOMS is great and growing. Hotels and high-class restaurants use enormous quantities; and in the homes of the well-to-do, the use of this dainty, table delicacy has marked such increase in recent years that mushrooms are a regularly ordered article from the green grocer or fancy grocery. In the basement or any watertight shed or outbuilding, where the temperature in cold months can be maintained at 55 to 65 degrees Fahrenheit, mushrooms will grow and flourish, and produce profitable and highly satisfactory results. We furnish free of charge a leaflet “How to Grow Mushrooms,” when requested, with orders for mushroom spawn. We supply the largest commercial growers in the U. S. with spawn. Vaughan’s Seed Store is headquarters in the United States for live, highest quality Mushroom Spawn.

LAMBERT’S “PURE CULTURE TISSUE” MUSHROOM SPAWN

Made from mushrooms grown under cultivation; absolutely fresh, of quicker and stronger growth than imported spawn. Our manufacturers in this country keep us supplied with regular monthly shipments to meet the extensive business we have developed in this line—the result is our patrons secure the best, quickest and livest spawn on the market. The varieties we carry are white cream-white and brown.

Lambert’s New Process Spore Culture

In this new Spore Culture spawn which has been developed in France and is now produced in America a more vigorous and a more prolific spawn is claimed. Not only that but types have been more definitely fixed and absolute uniformity secured. Every element of uncertainty has been eliminated; the old varieties have been improved and, because of the fact that the mushrooms are derived from the spores direct, without dilution or transfer, greater vigor and productiveness is assured.

We offer same kinds and numbers as of the “Pure Culture Tissue” Spawn quoted below.

Price—Brick (weight 1½ lbs.) 35c; 5 bricks, $1.50; 10 bricks, $2.75; 25 bricks, $5.50; 100 bricks, $20.00.

THE PRODUCT OF LAMBERT’S NEW PROCESS “SPORE CULTURE” SPAWN.

OKRA, OR GUMBO

This vegetable should be planted a great deal more than it is. Extremely easy to grow and its young seed pods are delicious in soups and alone. Probably the finest known vegetable for this use. Full planting and cooking directions on each package.

WHITE VELVET. Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-holed. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

DWARF. Grows low but stocky and is very productive. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

TALL OR PERKINS’ MAMMOTH. The long pods measuring 4 and 5 inches are produced in great quantities. Handsome, green color and best quality. Pkt., 5c; oz., 10c; ½ lb., 25c; lb., 75c.

MARTYNIA—For Pickles

The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and borne abundantly. They should be gathered when less than half grown. Pkt., 10c; ½ oz., 30c; oz., 50c.

For culture see “Vaughan’s Vegetable Garden,” mailed free with $1 order for Garden Seeds in packets or ounces.

ENGLISH MUSHROOM SPAWN

Our English Mushroom Spawn manufacturer is the oldest established and most extensive grower in the world. The superiority of this over all other importations is well known by experienced mushroom growers. We are the largest importers in the U. S., receiving 5 to 12 shipments annually; this spawn is carefully made from perfectly grown specimens. It comes in the form of pressed bricks.

Prices, (weight per brick, 1½ lbs.), brick, 25c; 2 bricks, 40c; 8 bricks, $1.40; 25 lbs., $3.25; 100 lbs., $12.00; if shipped from New York, per 100 lbs., $1.50.

Special prices on ½ ton lots and upward.

MUSTARD

Leaves useful as salad or boiled like Spinach.

CHINESE OR GIANT SOUTHERN CURLED. Large leaves often measure 14 inches; ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves boiled like Spinach.

Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.00.


Pkt., 5c; oz., 10c; ½ lb., 30c; lb., $1.25.

WHITE. Best for general use. Pkt., 5c; oz., 10c;

BROWN. Stronger than above. ¼ lb., 30c; lb., $1.00.
PLANT THE BEST

TRUE TYPE BEAUTIFUL YELLOW SKIN

VAUGHAN’S ONIONS

A greatly increased consumption is the most notable feature of this year’s market as regards the future growing of large or market onions. Among the best informed produce dealers the opinion is that this increased use is only in part due to the year’s comparatively low prices. In our opinion onion growers may look forward with confidence to a profitable return on an average acreage for the coming year.

Onion seed, both Eastern grown and Western

SOUTHPORT YELLOW GLOBE

The Vaughan strain of this onion is the most uniform on the market today. It is ball shaped and not so elongated as to make any undersized specimens seem like pickers. Our eastern seed bulbs are hand selected by ourselves and the seed grown under our direct supervision. The ideal heavy yielding, long keeping Golden Yellow market onion.

Eastern Grown Seed. Pkt., 10c; oz., 25c; 1 lb., 75c; 5 lbs., $2.50; 10 lbs., $12.00; 50 lbs., $18.50.

California Grown Seed. Pkt., 10c; oz., 20c; 1 lb., 50c; 5 lbs., $1.25; 10 lbs., $2.50.

PRIZETAKER—American Grown

An onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh. Moderately fine grain and mild flavor. In poor soil it does best, growing a thinner neck than in strong soil. It is standard in its class, in the South and Southwest where immense quantities are grown for market. Our seed is carefully selected California grown—none better.

Pkt., 10c; oz., 20c; 1 lb., 60c; 5 lbs., $2.00; 10 lbs., $18.50.

ONION, GIANT GIBRALTAR

A variety similar to Prizetaker. We offer American-grown seed raised from bulbs produced from European seed. The strain runs slightly larger in size than the usual run of Prizetaker.

Pkt., 10c; oz., 25c; 1 lb., 85c; 5 lbs., $3.00.

SOUTHPORT RED GLOBE (California Seed). Pkt., 10c; oz., 20c; 1 lb., 60c; 5 lbs., $2.00; 10 lbs., $18.50.

OHIO RED GLOBE

An onion with fine uniform Red Color. Shape resembles Ohio Yellow Globe. The seed is grown for us by the originator of this strain, an experienced onion grower in Lake County, Ohio. Pkt., 10c; oz., 25c; 1 lb., 75c; 5 lbs., $2.50; 10 lbs., $12.00.

ONION, IDEAL YELLOW GLOBE

A “bottle necked” type of Yellow Globe Onion selected along the lines of the European Pear-shaped Onions. This type is much admired by many onion growers, and under favorable conditions produces the finest appearing bulbs of any market onion.

Pkt., 10c; oz., 25c; 1 lb., 80c; 5 lbs., $2.75.

LARGE RED WETHERSFIELD

An onion of very productive habit and a fine keeper. The skin is deep purplish red, which covers a round, somewhat flattened bulb of purplish white flesh. Moderately fine grain and mild flavor. In poor soil it does best, growing a thinner neck than in strong soil. It is standard in its class, in the South and Southwest where immense quantities are grown for market. Our seed is carefully selected California grown—none better.

Pkt., 10c; oz., 20c; 1 lb., 60c; 5 lbs., $2.00; 10 lbs., $18.50.

ONION, GIANT GIBRALTAR

A variety similar to Prizetaker. We offer American-grown seed raised from bulbs produced from European seed. The strain runs slightly larger in size than the usual run of Prizetaker.

Pkt., 10c; oz., 25c; 1 lb., 85c; 5 lbs., $3.00.
The growing and storing of the Globe or market varieties of Onions interests thousands of our customers, and to this type we have given special attention, resulting in the best that can be produced. Vaughan’s “Ideal” type is almost globe shaped, not elongated, (see illustration). The strain which we use has been selected by the same growers for more than 20 years and is, in our opinion, the best fixed White Globe Onion. We offer this same type of Southport Yellow Globe grown in California at a lower price than Eastern seed. Our Ohio Yellow Globe Onion is grown in Lake County, Ohio. This is a flat-bottomed, high-necked type, specially suited to muck soils. Our Fancy Yellow Globe Danvers is a slightly flatter onion than the Ohio Yellow Globe; Globe Danvers still flatter and Yellow Danvers and Strasburg really flat.

In handling our Eastern seed, different colors are sown 1/2 mile apart, and stored in different houses after harvest.

CRISTAL-LIKE SKIN

VAUGHAN’S IDEAL WHITE GLOBE

A strikingly handsome onion; expert market growers recommend it in the highest terms. This is a very early type, it ripens evenly and is a fine keeper; the small, high-bred neck tells the story of quality; it is a true globe, pure white Vaughan high merit onion. Market growers have been our constant, satisfied customers, for this onion for many years.

Eastern grown seed. Pkt., 15c; oz., 25c; oz., 45c; oz., 80c; lb., $1.50.

California grown seed. Pkt., 10c; oz., 15c; oz., 25c; lb., 75c; lb., $2.50; 5 lbs., $12.00; 10 lbs., $23.00.

OHIO YELLOW GLOBE

Another of Vaughan’s successful, globe-shaped onions. It attracts attention by its uniform shape, beautiful color and fine size, in all of which it outclasses the old type Yellow Globe Danvers. Its finely bred neck, large size, solid flesh of mild sweet quality, uniform growth, heavy yielding and superb keeping quality have made it a favorite with all growers. Eastern Grown Seed. Pkt., 10c; oz., 25c; lb., 75c; lb., $2.50. California Grown Seed. Pkt., 10c; oz., 20c; lb., 55c; lb., $1.75; 5 lbs., $8.25; 10 lbs., $16.00.

AUSTRALIAN BROWN GLOBE. Large light brown skin and an average bulb 3 in. in diam.; weighs about 7 oz. Perfect globe-shape, quick to mature, ripens evenly on all soils; thin neck, long keeper, solid flesh, grand shipper. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.75; 5 lbs., $8.25; 10 lbs., $16.00.

VARIETIES

FANCY YELLOW GLOBE DANVERS

This onion is a standard amongst the large types; it is early, almost true globe shape, beautiful yellow skin, pure white flesh, of very fine quality. It has a good size, and a fine thin neck. Vaughan’s strain is so near to globe shape that it passes for globe on the market, and being several weeks earlier than Southport Globe, it sells for the higher early market prices. The crop ripens uniformly at one time, and its keeping quality is excellent.

Pkt., 10c; oz., 15c; lb., 55c; lb., $1.75; 5 lbs., $8.25; 10 lbs., $16.00.

YELLOW FLAT DANVERS

A standard Onion with many splendid qualities; a valuable general crop sort. It is of medium size, quite thick through but flattened, has coppery yellow skin, and creamy white flesh which is mild and of pleasant flavor. It combines a large yield with very even ripening quality.

Pkt., 10c; oz., 15c; lb., 45c; lb., $1.50; 5 lbs., $7.00; 10 lbs., $13.50.

For home or market gardens it is equally popular and standard.

YELOW GLOBE DANVERS

Same as Fancy Y. G. Danvers, except that it does not run as globe shaped, but color, ripening and keeping are identical.

Pkt., 5c; oz., 20c; lb., 50c; lb., $1.60; 5 lbs., $7.50; 10 lbs., $14.50.

MAMMOTH SILVER KING. Averages 15 to 22 inches in circumference and weighs 2½ to 4 lbs. It matures early and is uniformly large and of good shape; flat, but thick. Skin is clear silvery white, flesh snowy white tender, sweet and mild. Ideal for exhibition, fancy market or table.

Pkt., 10c; oz., 25c; lb., 85c; lb., $3.00.

CRYSTAL WHITE WAX. This is a pure white flat onion, very popular in the South, especially in Texas. We have also found it well suited to the North, in our trials of this strain. Teneriffe seed. Pkt., 15c; oz., 60c; lb., $1.65.

WHITE BERMUDA. In Bermuda and Texas a great many carloads of these very large onions are produced annually; they are shipped North for early spring use. Our imported Teneriffe seed gives best results.

Pkt., 15c; oz., 90c; lb., $1.95; 5 lbs., $5.50.
EARLY WHITE WELSH ONION

The best kind for green onions, forms no bulb. Plants can be propagated from seeds or divisions. Pkt. 10c; ¼ oz., 20c; oz., 30c; ½ lb., $1.00; lb., $3.50.

BROWN AUSTRALIAN (Flat)

A very desirable onion of medium size, with amber brown skin and solid white flesh. It is early, a heavy yielder, and a long keeper; keeps well in warm climates. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25. By express—5 lbs., $5.75; 10 lbs., $11.00.

EXTRA EARLY FLAT RED

One of the handsomest red onions, and first to ripen; grown from Vaughan's carefully grown seed will ripen two weeks earlier than other strains. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00. By express—5 lbs., $9.50; 10 lbs., $18.50.

OHIO GROWN FLAT YELLOW

A very hard long-keeping onion, especially bred for growing sets. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., $1.50.

CHIVES. See page 52 (under Herbs) for seed.

We have made a speciality of high grade, pure-type onion seed for many years. If you require a large quantity write for special prices before ordering elsewhere.

The Onion Seeds and Sets were sure fine and I hope to do business with you next season. KARL W. GREIFE, Pittsfield, Ill.

GREEN ONIONS FROM SETS will be your first Garden Crop 30,000 packets sold by us in New York and Chicago in one spring.

ONION SETS

WHITE BOTTOMS

Pint, 20c; quart, 35c; ½ pk., 75c; peck, $1.25; bushel, $4.00.

YELLOW BOTTOMS

Pint, 15c; quart, 30c; ½ peck, 50c; peck, 85c; bushel, $3.00.

RED BOTTOMS

Pint, 15c; quart, 30c; ½ peck, 50c; peck, 85c; bushel, $4.00.

SPECIAL OFFER No. OS1—1 pint each, 3 colors, 50c; 1 quart each, 3 colors, 80c. (Postage extra).

EGYPTIAN OR RED PERENNIALS

These we sell largely in the Fall. Planted then they produce very early green onions. Pint, 20c; qt., 35c; ½ pk., 75c; pk., $1.25; bu., $4.00.

Please Read This Page Carefully.

We grow, grade and store in special warehouses the best quality possible. Orders are filled with dry, unspotted sets. Our warehouse has 50,000 bushels capacity. Day and night men protect against weather changes. Onion Sets produce ripe onions much quicker than does Onion Seed, enabling the planter to secure the highest market prices for his early onions and to raise a second crop.

VAUGHAN'S HAZEL SIZE ONION SETS

These are especially screened and carefully selected and run about ¾ inch in diameter. Price, Hazel Size, White, Red or Yellow.

White, Pkt., 25c; qt., 45c; larger quantities at qt. prices.

WHITE MULTIPLIERS

For First Early Spring Bunching Onions. They are pure silvery-white, which runs well up the stem, very sweet and mild flavor, superior to green onions from other sets. There are usually several stalks from a single bulb, which makes them very productive. They are ready for table earlier than any other. Pint, 25c; quart, 40c; ½ peck, 90c; peck, $1.60; bushel, $6.00.

SHALLOTS OR YELLOW MULTIPLIERS. Flavor much superior to ordinary onions. Pkt., 20c; qt., 30c; ½ pk., 60c; pk., $1.35; bushel, $4.50.

RED SUMMER TOP SETS. These are planted to produce bush early "Green Onions" and large eating onions. Pint, 20c; qt., 35c; ½ peck, 90c; peck, $1.50; bushel, $5.50.

YELLOW POTATO. They produce large, dry rip onions, earlier than any other kind. Pkt., 20c; qt., 30c; ½ pk., 80c; pk., $1.35; bushel, $4.50.

All Onion sets offered by us are sold on a basis of 32 lbs. to the bushel except Summer Tops and Egyptian which weigh 28 lbs.
VAUGHAN'S GIANT MAGNUM DULCE

This grand pepper has appropriately been styled the “Salad King.” But it is not in salad form alone that it excels, for there are other forms in which to prepare it. The seeds having been removed it may be stuffed, either with dressing or stuffed for meat, or as stuffed as a side dish, or sliced and fried as egg plant. It is a delicious dish, or it may be eaten raw, it is so mild. Vaughan's Magnum Dulce Sweet Pepper can be grown to immense size, 7 inches long and 4 inches through, but when grown so large the yield is small. To get a larger yield of medium sized peppers, pinch off the “King flowers,” the first ones to open. Vaughan's Seed of Magnum Dulce is saved from picked specimens. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., $2.25.

NEWMAGUIN DULCE
The BIG One

This standard variety is larger than "Ruby King," but not so large as "Magnum Dulce." It is very prolific for so small a pepper. The productiveness may be increased by pinching off the first or "King blossoms." The fruit grows 4 to 5 inches broad on top and of equal length, and quite uniform in size; the flesh is unusually thick, mild flavor and makes a very fine salad sliced and served like tomatoes. The color is green turning to glossy scarlet when ripe. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., $2.00.

CRIMSON GIANT, Early Pepper

An especially desirable sort for the Central States as it matures the earliest of all the large red sweet peppers. In habit the plant grows two and one half feet high and bears a large quantity of fruits. The peppers are large, run even in both size and shape. The color is deep green when young and a rich red when ripe; flesh thick, sweet, and mild. Pkt., 1/2 oz., 35c; oz., 60c; 1/4 lb., $2.00.

NEAPOLITAN

A great market variety on account of its earliness and productiveness. Two weeks earlier than Bull Nose. The fruit is of good size, growing on a vigorous stalky plant. The flesh is quite thick and mild. Color a light green changing to a bright red when ripe. Pkt., 1 oz., 30c; oz., 50c; 1/4 lb., $1.60.

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VAUGHAN'S SUGAR PIE PUMPKIN

Is so well known as the best pie pumpkin it requires little description. The fruit is small to medium size, with solid fine-grained flesh, and such a sweet, sugary, delicious flavor they all call for "more!"; the seed cavity is small. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., $1.35.

VAUGHAN'S MAMMOTH PRIZE

A really enormous variety; specimens have been grown as large as 200 lbs. Notwithstanding its immense size it is among the best pie pumpkins. Flesh fine grained, sweet and tender. Requires a late crop corn season to mature and should be given plenty of room (one plant to a hill) to reach its largest size. Pkt., 1 oz., 25c; 1/2 lb., 75c; lb., $2.50.

CALHOUN
Medium size, solid—dand of excellent quality. Skin cream; flesh, salmon yellow. A fine pie variety. Pkt., 1 oz., 15c; 1/4 lb., 45c; lb., $1.50.

WINTER QUEEN OR WINTER LUXURY

Generally regarded as the finest quality pie pumpkin. Besides its high quality it is the best Winter keeper of all. In size about nine or ten inches in diameter; its skin is a beautiful deep orange yellow with a very close netting almost as russetty as a potato. Pkt., 10c; oz., 15c; 2 oz., 25c; 1/4 lb., 45c; lb., $1.50.

SMALL SUGAR
Flat sort, good for the home garden. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., $1.35.
LITTLE MARVEL

The most satisfactory pea in the average home garden. In season it is the same as Nott's Excelsior and American Wonder. The big point in its favor is that it remains in prime picking condition a week longer than the older sorts. Very productive, hardy, luscious and sugary. Vines 18 inches, pods dark green, well filled.

NORTT'S EXCELSIOR

Almost as early as the round seeded varieties—only 2 to 3 days later—but far superior to them in quality. Vines about 15 inches high, pods about 3 inches long, each containing 5 to 7 peas of good size, tender and delicious. The vines are vigorous and very prolific. It is easily grown, requires no support and is desirable for the home garden.

PIONEER—"Giant Pooled Dwarf"

About the same general usefulness as Laxtonian. In some sections this pea has done better than Laxtonian, while in others Laxtonian is in greater favor—pods as large as Gradus; almost if not quite as early. The peas are large and of superb flavor.

VAUGHAN'S NEW PEA, TOP O' THE MORN

This is one of the best of the new Dwarf Giant Pooled Peas. The vines are of a deep green color, growing 18 inches in height. The pods are blunt-ended, like Nott's Excelsior or Little Marvel, and are produced in clusters all up the haulm.

SUTTON'S EXCELSIOR IMPROVED

Is a very fine first early dwarf pea, regarded by some as the best of the wrinkled sorts. It is very hardy; can be planted early; vines are 18 inches high, very prolific; pods are almost square at lower end, larger and broader than the usual dwarf pea, and dark green color.

VAUGHAN'S SELECT EXTRA EARLY MAUD S

Vaughan's strain of this excellent sort should be planted by every grower. Vines 20 to 26 inches high, pods 2 1/2 to 3 inches long, each having 5 to 7 peas. The delicious sweetness, rich flavor, and tenderness of Vaughan's Maud S are the qualities for which our strain is known by growers and consumers. Seed white, round and smooth; crop ripens evenly and extra early.

FIRST AND BEST

Not quite as early as Maud S, a trifle larger and a heavier yielder.

THE AMEER

Very popular with truckers in certain sections of the South. The peas are smooth and therefore can be planted early without rotting. The season is early, 2 or 3 days later than Alaska, and the pods are almost twice as large.

MARKET SURPRISE—A New Extra Early Pea

A new, smooth seeded, extra early, growing about 30 inches high and bearing its large pods, filled with peas of remarkably fine quality, in great abundance. It is a sturdy grower, with pods larger than Ameer, filled with wonderfully sweet, fine flavored peas.

ALASKA—Called EARLIEST OF ALL

In season same as "Maud S." Alaska and "Maud S." are in all but color the same; Alaska seed is bluish in color; it is standard for market and canning. Vaughan's strain is true, always reliable and gives best results. Round seed pods do not rot in cold ground so easily as wrinkled peas do, hence earlier planting and harvesting are possible.

SURPRISE—The Earliest Pea of Quality

In season two days later than Alaska. Being a wrinkled pea, it cannot be planted in soil so cold as smooth peas, like Alaska or Maud S, because not so hardy. Vines grow 24 inches high, require no brushing; the pods are of good size.

PLANT
THE BEST

We are now offering Peas by the pound, instead of dry measure. 1 lb. is a little more than 1 pint; 2 lbs., a little more than 1 quart. Write for prices on larger than 10-lb. lots.

EARLY AND MAIN

NEW PEA, LAXTONIAN

The New Dwarf Gradus

This is another of Vaughan's Specials that has proved itself a winner for gardeners. It is extra early, tall, has large pods like "Telephone," which are filled with the finest flavored peas. Laxtonian is in season a few days later than the first earlies. It is really a Giant Pooled Early Dwarf—in a class almost by itself, for size, appearance and productiveness.

AMERICAN WONDER

Is an extra early dwarf wrinkled pea, of standard quality. The vines are dwarfer than Nott's Excelsior, being only 10 to 12 inches high. Pods are firm and well filled with peas of splendid quality.

EXTRA EARLY PREMIUM GEM OR LITTLE GEM

An early dwarf wrinkled pea, not so upright in habit as "American Wonder," but the vines, which grow 16 to 18 inches high, require no support, and yield great quantities of pods, 3 inches long, filled with peas of fine quality.

LAXTON'S SUPERB PEA

This is a semi-wrinkled, extra early dwarf pea, permits early planting as it does not rot in the ground as fully wrinkled peas do. The pods are very large and borne in profusion.

NORTHERN GROWN

VAUGHAN'S EARLIEST PEAS

EARLIEST PEAS

Semi-wrinkled, nicely flavored, early in season. Each containing 5 to 7 peas of good size, tender and delicious. The vines are vigorous and very prolific.

VAUGHAN'S NEW PEAS

The vines are 18 inches high, pod dark green, well filled. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.20.

PLANT
THE BEST

We are now offering Peas by the pound, instead of dry measure. 1 lb. is a little more than 1 pint; 2 lbs., a little more than 1 quart. Write for prices on larger than 10-lb. lots.
**VAUGHAN’S DWARF DEFIANCE**

Pea growers cannot afford to overlook this splendid main crop success; it is without a superior, a grand second early. The vines are vigorous, the pods dark green and immense in size and fullness, like “Telephone.” The handsome pods are filled with peas that are sweet and rich flavored.

Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

**HEROINE**

A main crop semi-dwarf that is extremely prolific; vines 30 inches high with luxuriant foliage. Long, pointed, slightly curved pods, filled with sweet, luscious, peas.

Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.50; Larger quantities at 10-lb., rate.

**HORSFORD’S MARKET GARDEN**

Our strain of this sort is very popular with growers. It is later than “Advancer,” grows taller, requires no brushing, and is a heavier producer. The pods are well filled with peas of fine quality.

Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.25.

**JUNO OR DWARF CHAMPION.**

Main crop dwarf wrinkled pea, of hardy, vigorous and prolific growth. Long pods, each contain 7 to 9 peas of very best quality.

Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.50.

**VAUGHAN’S SWEET MARKET.**

An excellent main crop pea. Its season follows right after the Extra Earlies and continues to bear much longer than most varieties. Very prolific and of fine quality. 21/2 feet, strong vigorous vines, many bearing 50 pods. Pods 31/2 inches long, filled with 7 to 9 peas.

Pkt., 10c; lb., 35c; 2 lbs., 70c; 10 lbs., $2.75.

**GRADUS PEAS**

Gradus is the greatest of the wrinkled peas; it is large and in flavor equal to the best wrinkled kinds. A table luxury and delight which retains its color and fine appearance after being cooked. It is the most popular of all the extra early wrinkled peas. It is tender and should be planted in the warmest spot in the garden; it matures fully two or three days later than the hard round extra early sorts Vines 30 inches, pods 4 inches long, beautiful green color, with 10 or more rich, tender peas in each.

Pkt., 10c; lb., 40c; 2 lbs., 60c; 10 lbs., $3.00.

**NEW PEA, MARCHIONESS.**

A valuable addition to the tall early varieties. It may be briefly described as an Extra Early Gradus. The pods are of equal size to Gradus and the season several days earlier. Quality superlative. Plant this and be the first on the market with a good sized quality pea.

Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25.

**THOMAS LAXTON**

This is a selection of Gradus; the season is identical with Gradus, but the pods are square at the end and deeper green. Vines are 3 to 31/2 feet high. The main qualities of Gradus are reproduced in this strain and it can be recommended with confidence for home garden. A better yielder than Gradus.

Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25.

**VAUGHAN’S LATE GRADUS.**

This is a special Gradus Pea, bred to fill a special place and time. It comes in between the last of the Gradus and the first of the Telephone. It possesses all the attractiveness and fine qualities of the earlier Gradus with the productiveness of the later sorts. It is a most important introduction for market gardeners.

Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25.

**Inoculate your seed peas with “Nitragin”—nitrogen-gathering bacteria. See page 57.**
PLANT THE BEST

Plant the Dwarf Sorts in the home garden; they yield abundantly, require no support and can be planted more closely.

See upper portion page 38.

VAUGHAN'S

VAUGHAN'S IMPROVED TELEPHONE

Of the tall growing varieties of late peas, "Vaughan's Improved Telephone" is regarded by experienced and successful growers as the best sort for general purposes. In the home garden its value is attested by heavy yielding and excellent quality.

Uniformly large pods, 5 inches or more long, filled with 8 to 9 delicious peas. The fine, rich, dark green color of the pods gives them the highest market value. The crop maturing evenly makes only a few pickings necessary, and ensures the gardener a good profit.

Vaughan's Improved Telephone pea grows 4 feet high; it is a main crop variety, and a heavy yielder.

Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

CHAMPION OF ENGLAND

This is a late season tall pea, and as such has long been a recognized standard for best quality, big crop, good sized pods filled with peas of superb flavor. The vines grow about 5 feet high and are very vigorous and productive.

Pkt., 10c; lb., 35c; 2 lbs., 65c; 10 lbs., $2.50.

"QUITE CONTENT"

This is the largest podded pea, the pods being 5-6 inches in length, quite exceptional for size. It is later in season than "Vaughan's Improved Telephone;" the vines grow to 6 feet high and should be brushed. They yield long pods filled with large peas of fine flavor. A splendid exhibition sort.

Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

TELEPHONE. Standard stock, the pods are light instead of dark green, and are not quite as uniform as our Improved Telephone.

Pkt., 10c; lb., 45c; 2 lbs., 90c; 10 lbs., $3.75.

Increase the yield of your peas by inoculating the seed or soil with "Nitragin"—Nitrogen-gathering bacteria. It is conveniently put up in various sized tins to meet the requirements of home gardeners as well as professional market growers. See page 57.

Parasol sometimes takes 2 or 3 weeks to germinate. Firm the soil well around the seed after sowing and keep the ground from drying out.

VAUGHAN'S XXX PARSELY

"The most beautiful Parsley that ever garnished a dish."

An enthusiastic chef gave voice to the above expression as he garnished some dishes of fine table delicacies with sprays of Vaughan's beautiful XXX Parsley. The daintily curled leaves of delicate green, appetizingly fresh and beautiful, add zest and richness to substantial or delicate viands. It is pretty in growth as well as beautiful for garnishing soups.

The daintily curled leaves of delicate green, appetizingly fresh and beautiful, adds zest and richness to substantial or delicate viands. It is pretty in growth as well as beautiful for garnishing soups.

Here is a book that in these times of forced economy will prove its full worth to the industrious housewife. Contains over two hundred talks and recipes on how to serve, cook and preserve the products of your garden. It is a book that you will soon find you cannot do without and the benefit you derive will amply compensate us for our time in collecting and putting together the contents. You are entitled to your own opinion on how to do things, but read also what the others, many of them experts, say. It only costs $1.50, or you get it FREE with a $1.50 order for Vegetable Seeds in packets or ounces if you ask for it.
PRINCE EDWARD
Very large pods. This is an English strain of the "Telephone," selected and bred especially for size of pods. The peas are large and good flavor. Splendid showy variety.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

ALDERMAN
This mid-season pea is tall growing, of English origin, and a few days later than Vaughan's "Improved Telephone." The pods are very large, straight and dark green color. The vines are exceedingly vigorous and immensely prolific; of the best quality.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

EVERBEARING
For late summer and autumn; very prolific variety. Pods, about 3 inches long, with large peas of good quality.
Pkt., 10c; lb., 30c; 2 lbs., 60c; 10 lbs., $2.25.

YORKSHIRE HERO
An old standard variety; vines medium tall; produces a fine crop of broad, well filled pods. Peas are wrinkled, sweet, large and remain a long time in good condition.
Pkt., 10c; lb., 30c; 2 lbs., 60c; 10 lbs., $2.25.

LONG ISLAND MAMMOTH.
Known also as Telegraph. Later and harder than Telephone, with smooth seeds. The pods are not so large nor the peas of as good quality as Telephone.
Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., $3.00.

BLACK EYE MARROWFAT (Late).
A great yielder of ordinary quality peas.
Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.80.

WHITE MARROWFAT.
Similar to Black Eye. Popular heavy yielder.
Pkt., 10c; lb., 25c; 2 lbs., 45c; 10 lbs., $1.80.

EDIBLE POD PEAS (Cooked like String Beans)

DWARF GRAY SUGAR.
Vines 16 inches.
Pkt., 10c; lb., 40c; 2 lbs., 80c; 10 lbs., $3.25.

LUSCIOUS SUGAR.
Tall growing strain of above. Pkt., 10c; lb., 45c; 2 lbs., 90c; 10 lbs., $3.75.

MAMMOTH PODDED SUGAR.
A late, large sugar pod pea of finest quality. Vines 4 to 5 feet high. Pods 5 to 6 inches long.
Pkt., 10c; 1 lb., 45c; 2 lbs., 90c; 10 lbs., $3.75.

Next to Sweet Corn, Fresh Peas are the most delicious of all garden products.

VAUGHAN'S MARROWFAT PARSNIPS

The accompanying illustration tells the story of uniform good size, fine shape, clean, smooth skin, and general handsome appearance, which distinguishes this high class variety. In richness of flavor it is unequaled. For exhibition purposes it is a winner.
Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.

MAGNUM BONUM. A greatly improved strain of "Hollow Crown" Parsnip. As a money-maker for market men we recommend it. It is a heavy cropper, the roots are smooth but not so long, though somewhat thicker than the original, which makes them easier to harvest. Pkt., 10c; oz., 15c; ½ lb., 30; lb., $1.00.

HOLLOW CROWN, LONG SMOOTH. (Abbott's Improved). Smooth, large, tender and sugary; one of the best. Our strain is a good selection. Pkt., 10c; oz., 15c; ½ lb., 30c lb., $1.00.

IMPROVED GUERNSEY. An improvement over the parent, "Hollow Crown," than which it is much larger in diameter, but not so long. The roots are more easily gathered. This sort gives general satisfaction. Of excellent sugary flavor.
Pkt., 10c; oz., 15c; ½ lb., 30c lb., $1.00.

VAUGHAN'S NEW INTERMEDIATE. This new sort does not require soil so deep for its cultivation as the older sorts. It is quite equal in quality to the older varieties although the roots are only one-half to two-thirds as long under ordinary conditions. On heavy or clay soil Intermediate is especially good. Roots smooth and handsome and easily harvested.
Pkt., 10c; oz., 15c; ½ lb., 40c; lb., $1.25.

Parsnips are a valuable stock food as well as a table dish. They are often used for flavoring soups and broths without being eaten.

VAUGHAN'S MARROWFAT—Handsomest and Best
WOODBURY'S WHITE ROSE

A splendid early white potato which Vaughan's Seed Store introduced some years ago. It is fast becoming a standard variety. In that famous potato district of Northern Michigan around Marquette and Manistique, this variety is the most popular of all the early sorts. Woodbury's White Rose is a seedling from the "Early Rose." It is of pure white skin and is kidney shaped. The vines are vigorous and resist early blight. In yield they produce double the crop of Early Ohio—about one week or ten days later in season. 1/2 pk., 70c; pk., $1.10; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

EARLY BOVEE

A pink-skinned white fleshed early of the very best quality and an excellent producer. Thrives in rich soil. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

EARLY ROSE

An old standard rather long pink skinned early potato. Northern grown prolific and hardy seed. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

NEBRASKA. Rural Type. The Best.

This is a potato with an excellent record; from experienced growers and experiment stations we have had the most flattering reports. It is the heavy cropping main crop flat white potato. Particularly adapted to the prairie soils of the Middle West. Three hundred bushels per acre yields are not uncommon under favorable conditions. In Michigan, Northern and Central Colorado, Illinois, Nebraska, for a series of years the growers and experiment stations we have had the most flat-produced some years ago. It is fast becoming a standard variety. In that famous potato district of Northern Michigan around Marquette and Manistique, this variety is the most popular of all the early sorts. Woodbury's White Rose is a seedling from the "Early Rose." It is of pure white skin and is kidney shaped. The vines are vigorous and resist early blight. In yield they produce double the crop of Early Ohio—about one week or ten days later in season. 1/2 pk., 70c; pk., $1.10; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

OTHER RURAL TYPES

CARMAN NO. 3. One of the most popular of the Carman group of potatoes. A white, flat variety, which sets its tubers very close to the top of the soil, thus giving good yields in clay soil where other varieties fail. Carman No. 3 grows to the largest size of these sorts. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

RURAL NEW YORKER NO. 2. Very large, usually smooth, oblong inclining to round, and rather flattened. Skin and flesh white; quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. Known everywhere as "Dusty" Rural. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

SIR WALTER RALEIGH. An A1 late potato. This is an improved Rural New Yorker No. 2. Yields almost all marketable sized potatoes, which are a little earlier and of better quality than Rural. Exceedingly fine grained and white-fleshed. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

GREEN MOUNTAIN. After careful trials we list this as the most desirable of the cylindrical late potatoes. It is especially suited for loose soils or muck land. As the tubers set rather deep it is not so good on heavy or clay lands as the crop is liable to run undersized. On loam the tubers run uniformly large. Green Mountain is a hard potato to beat for eating quality; it cooks dry and mealy with a particularly fine flavor; some growers claim "Bug Proof." It is an immense yielder. 1/2 pk., 65c; pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2% bu.) $7.00.

Please name second choice in case the variety ordered be sold out, or, say if we may substitute other similar sort.
IRISH COBBLER—Early Heavy Cropper

Is a grand early potato of medium large size, and in light soil, does its best for earliness, maturing almost as soon as the smallest cropping Earlies. The demand for more early potatoes makes a virtue of the necessity to plant early varieties that yield bigger crops rather than the Earlies which yield small crops. Irish Cobbler is always a very popular seller. Its size, shape, good quality and elegant appearance commend it and it usually secures a better price, side by side with standard Earlies. Our seed is grown in Red River Valley, Minn., and is superior to other strains grown elsewhere.

1/2 pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2 1/2 bu.) $7.00.

ACME. A potato of the Ohio type, in fact, similar to that variety as it is now grown in the Northwest. Usually runs earlier than the old type of Early Ohio and is more prolific. Splendid for both market and amateur gardens.

1/2 pk., $1.00; 1/2 bu., $1.65; bu., $3.00; 100 lbs., $4.80; sack (2 1/2 bu.) $7.00.

VAUGHAN’S DEARBORN. The heaviest yielding second early. A round potato something like Irish Cobbler, but better. In season less than a week later than Cobbler and a twenty-five per cent better yielder. Fine wherever Cobblers do well.

1/2 pk., 70c.; pk., $1.10; 1/2 bu., $1.80; bu., $3.25; 100 lbs., $5.25; sack (2 1/2 bu.) $7.75.

RUSSET RURAL OR PETOSKEY

A superb variety of recent introduction and considered away ahead of any other late potato. Remarkable for its freedom from disease. This variety has been carefully tested side by side with other late sorts and the results of the trials has served to strengthen our high opinion of its merits. Russet Rural is an excellent yielder. It possesses an attractive russet skin and the tubers, which are white, are very regular in size and unsurpassed for cooking qualities. There is practically no waste in peeling as the eyes are almost on the surface. The tubers are uniform in size and each plant yields above the average of marketable potatoes.

1/2 pk., 70c.; pk., $1.10; 1/2 bu., $1.80; bu., $3.25; 100 lbs., $5.25; sack (2 1/2 bu.) $7.75.

OUR FREE DELIVERY. See inside back cover page explaining free delivery to first three postal zones. For 5 cents per pound more we prepay to all zones.
EARLY SCARLET GLOBE FORCING (F)

Vaughan's GLASSHOUSE Strain

For hot bed and greenhouse forcing, and out-door planting. Very early, crisp, mild and tender, very attractive and one of the best sellers. This Radish is rich bright scarlet in color, of uniform globe shape and stands heat better than any other sort without becoming pithy. It is ready for the table in 25 days.

Vaughan's Scarlet Globe Radish should be planted in every greenhouse and garden for market as well as home use. For the home, plant every 10 days until into June; again end of August.

Vaughan's Select Stock—Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.

Standard Stock—Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c; 5 lbs., $5.00.

EARLIEST CARMINE TURNIP (F)

The best and quickest all red turnip shaped radish, matures in about 21 days. For forcing under glass it excels, and for outdoor planting in the home garden it is one of the best varieties. Crisp, sweet and tender, leaves very short. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

EARLIEST WHITE TURNIP (F)

Good for forcing or open ground, tops are short and tap root thin. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

TRIUMPH

A very early, handsomey mottled red and white striped, short topped radish of good quality, especially attractive, really a table decoration.

Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

VAUGHAN'S SELECT SCARLET GLOBE

VAUGHAN'S CARDINAL FORCING (F)

It is a splendid marketing radish; of the globe shaped sorts it is the handsomest; it is larger and more evenly shaped, and has also a riper red colored skin than Scarlet Globe and is ready 3 days earlier. Quality, for eating, firmness and flavor are excellent—for early sowing in the home garden it is a winner.

Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.50.

CRIMSON GIANT (F)

For forcing or outdoor planting. Although twice the size of other forcing sorts this does not get pithy or hollow; the color in crimson, flesh is white, tender, crisp and sweet flavored. So sow thinly to permit root growth.

Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

EARLY SCARLET GLOBE WHITE TIP.

Best and quickest of the white tips; fine quality. Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

VAUGHAN'S ALL SEASONS. May be sown from spring to autumn and used at all stages of growth; a round scarlet radish.

Pkt., 10c; oz., 15c; ½ lb., 45c; lb., $1.25.

VAUGHAN'S MARKET. (Half Long Winter) White). The best early half-long white radish, tender, brittle, delicate flavor, resembles Strauburg in size, grows more quickly, delicate and fine.

Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c.

CINCINNATI MARKET. A long red radish, white tip, short top. If your market uses a long sort try this one.

Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c.

SUMMER RADISHES

Grow larger than early radishes and remain in good condition longer all of the following: Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c.

IMPROVED CHARTIER. Somewhat resembling brightest scarlet. It is double the size and later; long scarlet tipped with white.

LONG WHITE VIENNA. Snow white, very brittle and crisp.

WHITE STRASSBURG. Larger size and thicker than Vienna. Very solid.

WHITE STUTTGART. A turnip shaped, large white radish.

WINTER RADISHES

Do not sow these until the latter part of June.

THE MUNICH. Grows from 6 to 8 inches in length; broad at the shoulder, white thin skin; mild and delicious. Very short crop. Pkt., 10c; oz., 30c; each of the following: Pkt., 10c; oz., 15c; ½ lb., 30c; lb., 90c.

CALIFORNIA MAMMOTH WINTER. Long, very large size.

ROSE OR SCARLET CHINA. Rose, medium size, fine keeper.

CHINESE MAMMOTH OR CELESTIAL. Immense size, flesh always crisp and mild.

BLACK SPANISH, LONG. Black skin white flesh.

BLACK SPANISH, ROUND. Long like black, only round.

HALF LONG BLACK WINTER. Fine sort.

LONG WHITE SPANISH. Like Long Black, except colored.

ENCOURAGE GOOD HEALTH BY THE FREE USE OF VEGETABLES

Asparagus assists in the cure of kidney trouble.

Beets and Potatoes are fat producing.

Carrot aids digestion.

Lettuce is a remedy for insomnia.

Lettuce, Onions and Celery are good nerve tonics.

Parley and Endive are good for dyspepsia.

Parsnips are good spring medicine.

Spinach is excellent for the kidneys.

Tomatoes will stimulate the liver.

Water Cress is a good broach.
SCARLET TURNIP WHITE TIP
VAUGHAN'S SELECTED STOCK

The exceptional merit of this radish is proved by its popularity, increasing every year with successful market-gardeners, whose orders for Vaughan's Seed run into many thousands of pounds.

This radish is a table dainty, crisp, tender and sweet; it is turnip shaped, bright scarlet color, with white tip and is a high class strain for out-door planting. It combines beautiful appearance with finest radish-quality—appealing to the eye and palate.

Vaughan's “Sparkler” Strain for open ground.
Pkt., 10c; oz., 15c; $1 lb., 45c; lb., $1.25; 5 lbs., $5.50.

American Grown. Pkt., 5c; oz., 10c; 4 lb., 25c; lb., 75c; 5 lbs., $3.50.

VAUGHAN'S 20-DAY
Extra Early (F) Olive-Shaped.

The quickest Red Olive shaped radish, matures 20 days after sowing; has attractive, bright scarlet skin, white, sweet, crisp and tender flesh. Leaves being short permits close planting. Fine for outdoor planting or forcing.

Pkt., 10c; oz., 15c; 4 lb., 45c; lb., $1.40.

EARLIEST WHITE OLIVE (F)
Earliest of all radishes—matures in 15 to 18 days after sowing.

This sort is pure white, oblong shape with small tops—can be planted close; a very tender radish.

Pkt., 10c; oz., 15c; 4 lb., 45c; lb., $1.40.

OTHER GOOD RADISH KINDS

Though not as generally grown as it should be, this is, when cooked, a really delicious vegetable, surpassing in richness of flavor both carrots and parsnips. It requires a决定o yester flavor after a good frost. Roots for winter use should be lifted in the fall while those for early spring use may be left in the ground, but lifted before they start to grow. Salsify is boiled like parsnips or carrots, or after half boiling can be grated and made into flattened balls and fried like oysters.

SALSIFY, OR OYSTER PLANT

THE BEST PLANT

SCORZONERA, OR BLACK SALSIFY

VAUGHAN'S SPARKLER STRAIN

SALSIFY, MAMMOTH SANDWICH ISLAND

OTHER SORTS

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CICLE—The Finest White Radish

An ideal white radish—long slender root which remains crisp and mild until grown large. It matures early with short top, which permits close planting and forcing. Many of our customers say it is the finest radish they have ever grown. Plant every 10 days for succession.

Pkt., 10c; oz., 15c; 4 lb., 30c; lb., 90c.

SAKURAJIMA

A Japanese radish of immense size. In shape it is oval with cream colored skin and pure white flesh. The roots are cooked like turnips, but have no strong taste. Sow in May.

Pkt., 10c; oz., 25c; 4 lb., 75c; lb., $2.50.

Rampion—A New Salad

Both the roots and leaves make a delicious salad. Pkt., 10c; 4 lb., 15c; 4 lb., 60c; lb., $2.00.

SALSIFY, Mammoth Sandwich Island

Rhubarb, Sea Kale, Endive and Egg Plant. See page 23.
VAUGHAN'S

VAUGHAN'S TRiumph SPINACH

Withstands hot weather longer than other sorts; it thereby increases the length of the season a month. It does not wilt or run to seed so quickly as other sorts. Its habit of growth is prostrate, rather than upright; the leaves are thick warded, and fine and tender when cooked.

Pkt., 10c; oz., 15c; lb., 25c; lb., 60c.

VAUGHAN'S GIANT FILLBASKET

The very largest Early Squash, the result of careful re-selection. In Europe it holds first place in public favor. Our customers here have had great success with it and are planting it more extensively each year. Its broad, thick, dark green leaves are very crisp and tender and of delicately delicious flavor. Pkt., 10c; oz., 15c; lb., 25c; lb., 60c.

BLOOMSDALE OR NORFOLK SAVOY-LEAVED. A very hardy sort; the leaves are very thick and blistered, making it a fine shipper; it is a good standard size, and a great favorite with Southern truckers.

EXTRA LARGE ROUND LEAF. Large crumpled leaves. This is one of the best for early use, and if sown again in August is hardy enough for late autumn use.

PRICKLY-SEEDED. Very hardy; sow in fall; for late use.

BLOOMSDALE. Identical with Vaughan's Norfolk Savoy.

LONG STANDING. Of compact growth with thick deep-green leaves. Slow to seed.

MONSTROUS-LEAVED VIROFLAY. Quick, strong growth. N. Y. favorite.

NEW ZEALAND SPINACH (Tetragonia Expansa)

While this is not a member of the Spinach family proper, it may well be classed as such, since it furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Both the leaves and the stalks of the plant are very fleshy and extremely brittle and of the finest quality when cooked.

Do not sow seed until May 1st or when the soil is fairly warm, as it is susceptible to cold and will not germinate in cold soil. Plant in rows 3 ft. apart and thin the plants to stand 2 ft. apart in the rows. 

Soak the seed before sowing.

Pkt., 10c; oz., 15c; lb., 60c; lb., $1.25.


Gentlemen—Your favor of March 29th stating that a package of seeds had been sent us by parcel post was duly received.

I thank you on the part of all the wounded soldiers in this hospital for your generous donation, which will help make this place a pleasant one for them during the summer. Very truly yours,

JOHN WARD DUNSMORE, Field Director.

VAUGHAN'S GIANT SUMMER CROOKNECK

Our strain of this popular squash produces fruit nearly double the size of the old standard "Crookneck." The plants are healthy, bushy, and compact; they produce in quantity fruit that is heavily warted and true to type. The flesh is a rich golden yellow, the quality and flavor of which is the very best.

Soak the seed before sowing.

Pkt., 10c; oz., 15c; lb., 60c; lb., $1.60.

MAMMOTH WHITE BUSH

Is an improved selection of the old "Early White Bush," the highly favored early summer squash. The power size for place a pleasant one for those who do not want the large variety. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.60.

EARLY WHITE BUSH. Very early. Pkt., 10c; oz., 20c; lb., 50c; lb., $1.60.

EARLY YELLOW BUSH. A true bush, though of an earlier and smaller strain than the above. Pkt., 10c; oz., 15c; lb., 45c; lb., $1.50.

MAMMOTH YELLOW BUSH. Like Mammoth White Bush. The fruit runs a little larger and has a fine pale-yellow skin, creamy white flesh.

Pkt., 10c; oz., 20c; lb., 50c; lb., $1.60.

GIANT WHITE SUMMER CROOKNECK. A large selection of the old "Summer Crookneck"; the skin is ivory white. The flesh is tender and of good flavor.

Pkt., 10c; oz., 20c; lb., 50c; lb., $1.60.

OUR FREE DELIVERY. See inside back cover page explaining Free Delivery to first three postal zones. For 50 cents per Pound More We Prepay to All Zones.

Spray your Squash vines frequently during early stages of growth with Pyrox. See page 126.
**SWISS CHARD—The City Garden Friend**

**LARGE LEAVED SEA KALE**

This vegetable gives maximum returns for little care and space; it yields a constant crop from July to winter. If your garden space is limited, Swiss Chard must have a place, for in proportion to ground occupied, Swiss Chard produces more food for the table than almost any other vegetable. The leaves are used for greens the same as spinach or beet tops. Sow early in spring, in rows 16 inches apart, and thin out to 6 inches in the rows. It can be used all Summer when spinach is not available. The leaves grow very large, with broad, flat, pure white stems, and mid-ribs, which may be cooked like asparagus, or made into very good pickles. As it grows, thin out for use and keep clear of weeds. Good cultivation increases its tenderness. Gardeners use Swiss Chard as a catch crop, giving quick results on temporarily idle spaces. The investment is small and returns large. Our packages contain recipes for cooking.

Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., $1.00.

**LUCULLUS SWISS CHARD.** A new Moss Curled sort. Very large leaves. The mid-ribs are very broad and form a good substitute for asparagus during the summer months. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

**LYON SWISS CHARD.** A new variety, selected especially for its broad mid-ribs and stems. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.50.

**COOPER’S MAMMOTH.** This new mammoth sort is a medium green-colored variety of immense size—large chard or midrib of excellent quality and flavor. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., $2.25.

**TWELVE VEGETABLES GIVING MAXIMUM RETURNS FOR MINIMUM SPACE AND LABOR.**

Beans. Stringless Greenpod.

Beets. Vaughan’s Fire Ball

Carrot. Early Chantenay.

Sweet Corn. Golden Bantam.

Cucumber. Davis Perfect.

Lettuce. Black Seeded Simpson.

Onion Sets. White Bottom.

Parsley. Vaughan’s XXX

Radish. White Tip “Sparkler.”

Swiss Chard.

Tomato. Bonny Best.

**Winter Squash**

**THE DELICIOUS—For Quality**

A squash of exceptional merit for table use. A fall and winter variety, but is fine in all seasons, though its best quality is not attained until winter. The fruit varies in shape and size, weight ranging from 5 to 10 pounds each. The rind is very thin, uniformly green, and the flesh is very thick and dark orange color; Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.

**BOSTON MARROW.** Very popular for fall and winter; thin rind, orange color, yellow flesh, fine for pies, good keeper. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.35.

**CHICAGO ORANGE MARROW.** Large as Hubbard, good quality, 10 days earlier than others, keeps as long. Season—Sept. to Jan.; always salable, has handsome shape, smooth orange skin, good size, everyone likes it. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.35.

**PIKE’S PEAK OR SIBLEY.** A vigorous, prolific old standard, oval shape, tapering at blossom end, skin dark green, the flesh, of very superior quality, is light yellow. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.60.

**DELICATA.** Orange yellow, mottled with spots and stripes of dark green. Flesh, rich and solid, fine keeper and producer. Extra early. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., $2.00.

**FAXON’S BRAZILIAN.** Early, long keeper, a sort that sports, average quality. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.35.

Chicago has been a great market for Hubbard Squash for many years shipping carloads to Boston; our strains of this are, and always have been, first-class.

**VAUGHAN’S CHICAGO WARTED HUBBARD**

Vaughan’s Chicago Warted Hubbard Squash has been bred to meet the requirements of a high-class article of this kind; fruits are of large size, rough skin, dark green in color. For producers on a large scale, these qualities are needed. Our strain is ideal for the home market, vines are of strong robust growth, fruit is large, grand shape, heavily warted, flesh is bright orange, fine grained, rich and dry. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

**GOLDEN HUBBARD**

Fruits are of the same shape as Green Hubbard, and warted, but average one-half to one-third smaller in size. They are earlier in season, but keep in fine condition throughout the winter. The skin is deep orange yellow and very attractive. Flesh is deep golden yellow, fine grained and delicious. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

**GOLDEN BRONZE**

Large size, 9 to 10 pounds, grayish green color, good keeper, uniform; its sweet flesh is golden yellow. Crop failed.

**MARBLEHEAD**

Prolific, light blue, olive shape, dry and sweet, delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.75.

**ESSEX HYBRID—Turban-Shape**

For fall or winter; large broad fruit; skin and flesh orange-red. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., $1.35.
**PLANT THE BEST**

**Tomato Plants**
We have ready about May 15th, carefully grown tomato plants. See page 52 for varieties and sizes.

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**VAUGHAN'S SELECT EARLIANA**
**VERY POPULAR EARLY RED**

Vaughan's Earliana is the earliest large, smooth bright red tomato. In season it ripens with the earliest, and our strain shows few if any of the rough fruits found in large numbers in other early sorts, and among many strains of Earliana. This variety is compact in growth, with stout jointed branches; the vines yield well and the fruit is solid and of fine quality.

Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.30; lb., $4.25.

**JUNE PINK—The Best Extra Early Pink**

In many, perhaps the greater number of markets, a pink early tomato is most desired. This is the earliest of the pink varieties, and is similar in habit to the famous Earliana. We have bred this to such fine smoothness of skin, that in our strain, growers for market find very few rough fruits, and in Western markets where pink tomatoes only sell readily, this is a splendid profit maker.

Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., $1.40; lb., $4.75.

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**FOUR CLOSELY RELATED EARLY REDS**

**JOHN BAER** (See illustration on back cover). A remarkable new variety of the extra early red or scarlet type. Not quite so early as Earliana, though there are only a few days' difference, and John Baer yields a much heavier crop of larger, more uniform and more attractive fruits. It is far more profitable to grow than any other extra early sort.

Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $4.50.

**BONNY BEST.** Regarded as a shade later than John Baer. Smooth, large and uniform fruit; yields well until frost.

Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $4.50.

**CHALK'S EARLY JEWEL.** The original large smooth extra early red, much planted by canners in the Northern States—many still prefer this to Bonny Best.

Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.35; lb., $4.50.

**VAUGHAN'S NEW YORK.** A worthy sort to follow the early red sorts like Earliana and Chalk's Jewel. It is a second early red-skinned, firm-fleshed tomato of high quality which is at the same time of good size and attractive appearance. Unlike some of the early sorts, the vine yields large size fruits to the end of the season.

Pkt., 10c; ½ oz., 30c; oz., 50c.

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**ACME—Early (Purple).** Very valuable for market gardeners who ship or have a home market, and also for amateurs. The vine is large and very profuse, bearing fruit in clusters of four or five, early and continuously until frost.

Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

**EARLY DETROIT (Purple).** The equal of any second Early Purple Tomato. Bears uniform, large, handsome, smooth fruit through the long season, yielding in the aggregate more marketable tomatoes than the popular Beauty which variety it most closely resembles. The fruit is firm and almost globe shaped.

Pkt., 10c; oz., 45c; ¼ lb., $1.40; lb., $4.75.

**BEAUTY (Purple).** Is the most popular of the large purples. Vines large, vigorous and heavy bearers, fruit large, uniform, very smooth purplish pink skin; flesh light pink.

Pkt., 10c; oz., 35c; ¼ lb., $1.00; lb., $3.50.

**HUMMER—Early (Red).** Globe shaped, medium size, smooth, prepared for table without waste. Scarlet, free from cracks. Has heavy foliage and should be grown on trellises.

Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., $1.00.

**COMET.** Scarlet. Fruit medium, the heaviest yielder of greenhouse sorts.

Pkt., 15c; ½ oz., 35c.

**HUBERT'S MARVEL.** Scarlet color. Round like an apple. Pkt., 15c; ½ oz., 30c.

**BEST OF ALL, Sutton's.** One of the old standards; good yielder of small scarlet fruits

Pkt., 10c; ½ oz., 25c.

**FROGMORE SELECT.** Almost round, small seed cavity, bright red. Pkt., 15c; ½ oz., 25c.

**STIRLING CASTLE.** Small size, uniform and very productive. Pkt., 15c; ½ oz., 25c.

**LISTER'S PROLIFIC (new).** Latest popular English sort. Pkt., 15c.

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**FORCING TOMATOES**

We provide choicest strains obtainable for greenhouse work.

**SUNRISE.** Rich scarlet, medium size, solid, delicate flesh. Very prolific

Pkt., 15c; ½ oz., 35c.

**HUBERT'S MARVEL.** Scarlet color. Round like an apple. Pkt., 15c; ½ oz., 30c.

**BEST OF ALL, Sutton's.** One of the old standards; good yielder of small scarlet fruits

Pkt., 10c; ½ oz., 25c.

**FROGMORE SELECT.** Almost round, small seed cavity, bright red. Pkt., 15c; ½ oz., 25c.

**STIRLING CASTLE.** Small size, uniform and very productive. Pkt., 15c; ½ oz., 25c.

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**VAUGHAN'S PONDEROSA**

**DWARF CHAMPION**

A good sort for the home garden. Owing to its dwarf habit and upright tree-like growth it is a great favorite. It is of medium size, very smooth, purplish pink, symmetrical, flesh very solid. The vine is strong and stiff, requiring little support.

Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.40; lb., $4.75.

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**VAUGHAN'S MODEL TOMATO.** A handsome dwarf tree variety, potato leaf; foliage, large, broad, dark green, heavily blistered, the color is brilliant scarlet.

Pkt., 10c; oz., 40c; ¼ lb., $1.25; lb., $4.00.

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See page 52 for varieties and sizes.
TOMATOES

DWARF STONE—The Largest Dwarf Tomato

This is the largest Dwarf tomato; it resembles “Dwarf Champion,” but is of stronger growth and more erect. In shape and size it is similar to “Improved New Stone”. The fruit is red, and specimens weighing 3/4 pound are not uncommon. Dwarf Stone is almost as early as “Dwarf Champion,” and the fruit is the size of the last named sort. Fruit ripens evenly, is solid, free from cracks and of excellent quality. Amateurs find Dwarf Stone a splendid sort, because of its dwarf habit and robust growth.

Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., $1.40; lb., $4.75.

PONDEROSA—The Giant Tomato

Of the large fruited varieties, this one is a gem. The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches 1 pound in weight. Tomatoes grow in beautiful clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh of sweet flavor, and small seed cells.

Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., $1.60; lb., $5.50.

NEW GLOBE TOMATO

This new Globe or Ball-Shaped tomato is ideal for the home garden; it is excellent for slicing. The rich, juicy, tomato flavor gives a certain zest and continue to bear until frost. The skill is crop and continue to bear until frost. The skill is

VAUGHAN'S IMPROVED NEW STONE

IMPROVED NEW STONE

“KING OF THE REDS”

The very best of the main crop varieties. For yield, size and appearance, we have seen no finer strain than ours. The smooth skin, small core, fine-grained flesh with little acidity, delight the eater and give satisfaction to the grower. Canners plant it for their main crop and market-gardeners find it their most profitable sort.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., $1.00; lb., $3.50.

MATCHLESS. Large, bright red, long keeping. The solid fruit is produced on strong, vigorous, prolific vines. Very distinct.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., $1.15; lb., $4.00.

CREAM CITY. This is one of the very first large tomatoes to ripen, coming in about a week ahead of Aeme. Smooth, always round and good size. The color is purplish crimson, similar to Aeme. Flesh is very thick, firm and solid, with few seeds. Good shipper.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., $1.00; lb., $3.50.

VAUGHAN’S TALL CHAMPION. An extremely strong grower and heavy bearer; the fruit is like "Dwarf Champion" in color and smoothness, but runs a little larger in size, averaging 2 1/2 inches thick and 2 1/2 inches broad. It is very hearty and very prolific, one of the most desirable sorts for both home and market use.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., $1.00.

ENORMOUS. Very large, beautifully smooth, solid flesh, few seeds, rather oval shape, mid-season, ripens all through at once.

Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., $1.50.

CORELESS TOMATO. A late red; most perfect color, best suited to southern and central states; requires long season to mature. The productive vines bear clusters of 4 to 7 tomatoes. Splendid for home gardeners and canners.

Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., $1.40.

CRIMSON CUSHION or Beefsteak. Very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Plants are very prolific, fine appearance.

Pkt., 10c; 1/2 oz., 30c; oz., 55c; 1/4 lb., $1.60.

MAGNUS. An early main crop; strong growing vines, with short joints, placing the fruit clusters close together; a heavy cropper. Fruit is globe shape, and ripens evenly.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., $1.00; lb., $3.50.

GOLDEN PONDEROSA

A YELLOW GEM

This is a yellow Ponderosa equal in size to that magnificent variety. Sliced and served with the Purple Ponderosa, it makes a highly decorative and appetizing salad. Runs nearly true to type with a small percentage of mixed fruits.

Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., $1.75; lb., $6.50.

SMALL FRUITED TOMATOES

Very desirable for pickles and preserves. New Grape or Cluster, Napoleon

This is the best of the so-called “desert” tomatoes which are eaten whole. Immensely productive; sometimes 40 to 60 of the small fruits fully developed in one cluster. Push off some of the blossoms, if increased size is wanted. The flavor is delicious.

Pkt., 15c; 1/2 oz., 35c; oz., 60c.

RED CurrANT. Very small.

Pkt., 10c; 1/2 oz., 45c; oz., 70c; 1/4 lb., $2.00.

Prices of the following: Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., $1.75.

TWO PEACH TOMATOES. Peach shape and color. Red or Yellow.

YELLOW PLUM AND RED PLUM. Fruit about 2 inches long, 1 inch through; the one is lemon yellow, the other plum red.

YELLOW AND RED PEAR. Distinct shape.

RED CHERRY. Small fruit, bright scarlet.

HUSK or Strawberry. The small yellow fruit is enclosed in a husk. It is very sweet, prized for eating, preserving and making pies.

OTHER STANDARD SORTS

GOLDEN QUEEN. Brick yellow. Pkt., 10c; 1/2 oz., 25c; oz., 35c; 1/4 lb., $1.30; lb., $4.25.

All below at the following prices: Pkt., 10c; 1/2 oz., 25c; oz., 35c; 1/4 lb., $1.90; lb., $3.50.

Atlantic Prize. Early Red. Honorable. Fine shipper

Buckeye State. Large purple Imperial. Early purple


Favorite. Early red.
MANGELS OR STOCK BEETS
BARRES SLUDSTRUP

Holds the world's record for dry matter content. This Mangel has been awarded the first-class certificates several times by the Danish Government, the highest honor in Denmark, where Mangels are as important as corn is here. Sludstrup is a long, redish-yellow, oval root, growing more than half above ground. Easily harvested, and by actual test far excels any other variety in weight and in the feeding value of the yield. Our seed is from the best Danish growers.

VAUGHAN'S MAMMOTH RED. Largest and heaviest cropper of long red sorts; yields up to 40 tons per acre on well prepared land. Dark foliage, bright red skin and white flesh veined with pink. Grows well up above the ground; easy to harvest. Splendid dairy feed.

GIANT YELLOW INTERMEDIATE. Between the long and globe sorts in shape—skin yellow, flesh white with yellow zones. Better than longer kinds for shallow soils. Our seed is from the best Danish growers.

CHAMPION YELLOW GLOBE. Skin a rich yellow, flesh white and solid; grows two-thirds above ground hence the best for shallow soils. Good keeper.

VAUGHAN'S IMPROVED AMERICAN PURPLE TOP RUTABAGA.

FREE BOOKLET ON ROOT CROPS

Root crops are a great necessity for all kinds of stock, and fowl too, root feeding not only gives high class tissue-building substance to the body, but acts also as a tonic, keeping in healthy condition the digestive organs and maintaining general good health. As a body-builder, root crops should be consistently and regularly fed to all stock; where such is done, results will show not only in the healthful appearance but can be used Spring-- .- ...v, earliest turnip, white surface, purple top, flat shape, white flesh--its growth is very uniform and quality the best. Our seed is from the best Danish growers.

EARLY WHITE MILAN. The earliest turnip, but can be used Spring or Fall. The skin is smooth, snowy white, has a polished appearance; medium size, white, tender, sweet.

GIANT ROSE HALF SUGAR. Combines best qualities of Sugar Beets and Mangels. About the same shape as Long Red, but has white skin and flesh. Highly nutritious and a big producer. Very heavy yielder.

SUGAR BEETS—Fine for Stock

The kinds offered below are grown from roots the test analysis of which showed high sugar content. Prices of the following: Oz., 10c; 1/4 lb, 25c; 1 lb, 75c; 5 lbs., $3.25.

VILMORIN'S IMPERIAL. Improved French variety; large, thick at shoulder, tapering below; yields nearly as much as the Mangels, with one per cent sugar.

KLEIN-WANZLEBEN. Wedge-shape, tapering to long tail.

LANCE'S IMPROVED. Heavy yielder; flesh snow white.

FRENCH RED TOP SUGAR. Famous in France for percentage of sugar.

REDUCE YOUR SUGAR BILL. Sow a row of sugar beet for syrup. Cut beets into thin slices and soak in hot water to extract the sugar. The liquid is then boiled down. Very easily grown. One ounce will plant a 50- foot row.

MANGEL

HALF SUGAR

GROWN FOR STOCK

THEY MAKE THEM THRIVE, FATTEN AND ENRICH THE STOCK-MAN'S PURSE

VAUGHAN'S

GARDEN OR

PURPLE TOP WHITE GLOBE

Originated from "Purple Top Flat Turnip," is extensively planted and popular for its fine qualities. The flesh is firm, fine grained, sweet and rich flavored; it is of good size, globe shaped, fine appearance, a good producer and fine keeper. Splendid for table—tip top for stock.

Pkt., 10c; oz., 15c; 1/2 lb., 30c; 1 lb., 50c; 5 lb., $3.75.

EXTRA EARLY PURPLE TOP MILAN

An excellent medium size turnip, almost as early as White Milan, smooth white surface, purple top, flat shape, white flesh—its growth is very uniform and quality the best. Our seed is from the best Danish growers.

Pkt., 10c; oz., 20c; 1/2 lb., 50c; 1 lb., $1.75.

EARLY WHITE MILAN is the earliest turnip, but can be used Spring or Fall. The skin is smooth, snowy white, has a polished appearance; medium size, white, tender, sweet.

Pkt., 10c; oz., 20c; 1/2 lb., 50c; 1 lb., $1.75.

WHITE FLAT DUTCH, a very fine turnip when not overgrown, but spongy and inferior if over matured. It is an early garden variety, popular in the Southern states; is medium sized, sweet, tender and desirable for table use.

Pkt., 5c; oz., 10c; 1/2 lb., 25c; 1 lb., 75c.

EARLY SNOWBALL. Small, white, grows quickly, splendid table quality.

Pkt., 5c; oz., 10c; 1/2 lb., 25c; 1 lb., 75c.

MANGEL

HALF SUGAR

MANGEL

BARRIES SLUDSTRUP
### TABLE VARIETIES

#### PURPLE TOP STRAP-LEAVED

Is a table variety, fine, tender and deliciously flavored. It is a week later than "White Milan." It is broad shaped, medium size, white flesh, fine grained, splendid quality. Top is dark red or purple, elsewhere white, has few leaves, upright in growth, fine keeper.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 50c; lb., $1.35.

#### GOLDEN BALL or Orange Jolly

Medium size, globular table turnip; Season early. Flesh yellow, sweet.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### YELLOW STONE

Popular variety, yellow flesh, round shape, somewhat flattened; excellent quality for table or market. Good for stock.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### TELTOW

Small in size; a German delicacy of remarkable quality.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., $1.00.

#### SEVEN TOP

A fine table sort, white flesh, excellent keeper.

**Pkt.**, 5c; oz., 10c; lb., 25c; lb., 75c.

### TABLE RUTABAGAS

**Prices of the following:**

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

**VAUGHAN’S IMPROVED**

One of the best flavored of all. See description under Swedes and Rutabagas for Stock on this page.

**LAIING’S GARDEN RUTABAGA.**

Short top, well shaped, medium root. Purple skin, yellow flesh. A splendid winter keeper, delicious after first few November frosts.

**WHITE SWEDE.**

White, solid.

**SWEET GERMAN.**

A fine table sort, white flesh, excellent keeper.

#### PURPLE TOP MILAN

#### WHITE FLAT DUTCH

### FOR STOCK

**ASK FOR IT WHEN ORDERING**

#### ENRICHES THE MILK OF DAIRY STOCK

**VAUGHAN’S MAMMOTH LONG RED MANGEL.**

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

**VAUGHAN’S IMPROVED AMERICAN PURPLE TOP**

3 lb., 30c; lb., 90c.

#### MONARCH

A stock crop for early feeding, oblong shape, yellow flesh, one grain, fine flavor, superior in quality and weight. Produces 5 to 7 tons per acre more than any other Swede.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### RHODE ISLAND ROCK

Great improvement on White French Turnip, made after years of selection by a Rhode Island market gardener. Three weeks earlier than any turnip of its class; can be planted later to follow peas, corn, beets, etc. Very hardy, solid pure white flesh, fine grained, brittle and sweet. Excels as a keeper.

**Pkt.**, 10c; oz., 15c; lb., 35c; lb., $1.50.

#### VASSAR

This is a white-fleshed selection of the White Breadstone Rutabaga, and is a very desirable variety for late fall use. The flavor is at its best about Christmas and after. The roots are very hard and keep into the summer if stored in a good cellar.

**Pkt.**, 10c; oz., 15c; lb., 35c; lb., $1.00.

#### CARTER’S IMPERIAL

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### BREADSTONE

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### BANGHOLM DANISH

Yellow flesh, purple top with small neck. Danish pedigree seed.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., $1.00.

#### SUTTON’S CHAMPION

Round, big yielder, yellow flesh.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

### LARGEST FIELD TURNIPS—FOR Stock

#### COW HORN or LONG WHITE

Grows nearly half way out of the ground, turns purple, usually slightly bent; pure white.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### WHITE EGG

Quick growing, egg shaped, perfectly smooth, pure white variety, grows half way out of ground with small tops and rough leaves, never has rank, strong taste, but the sweet, firm flesh is always mild, rich and fine flavored.

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### Prices of the following:

**Pkt.**, 10c; oz., 15c; lb., 30c; lb., 90c.

#### POMERANIAN WHITE GLOBE

Large, good both for table and stock.

#### LARGE WHITE NORFOLK

Large, globe-shaped table and stock variety.

### I would like to take this opportunity of expressing our appreciation of the uniformly high quality of the seeds which we have received from you.

HELEN INGERSOLL, New York City.
VAUGHAN'S PLANT VAUGHAN'S PLANT

VEGETABLE PLANTS

SEEDLING

The above illustration shows the bushy, vigorous growth of a Tomato pot plant compared with a Transplant and seedling of the same height.

**PEPPER.** Ready about May 15th.

<table>
<thead>
<tr>
<th>Sweet Mountain, Vaughan's Magnum</th>
<th>Prices</th>
<th>Prepaid</th>
<th>Not Prepaid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duzle and Cayenne, Pimento.</td>
<td>Doz.</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

Transplanted Plants $4.20 $5.00 $3.05 $2.25

From 2-inch pots. By express only. .75. 5.00

**SWEET POTATOES.** Ready about May 20th.

Yellow Jersey, Red Jersey. 100 for $1.50; prepaid; 250 for $2.50; 500 for $4.50; 1000 for $8.00. By express at buyer's expense.

**ANISE.** Used for garnishing and seasoning. Pkt., 10c; oz., 35c.

**BALSAM.** Used for making Balm wine and tea. Pkt., 10c; oz., 35c.

**BASIL, SWEET.** The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt., 5c; 25c.

**BENE.** The leaves immersed in water make a drink very beneficial in cases of dysentery. Pkt., 10c; oz., 35c.

**BORAGO.** Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. Pkt., 10c; oz., 20c.

**CARAWAY.** Seeds are used for flavoring soups, stews and highly seasoned dishes. Pkt., 10c; oz., 25c.

**CATNIP OR CATMINT.** Grown for bees, also for seasoning. Pkt., 10c; oz., 60c.

**CHAMOMILE (MATRICARIA CHAMAEMILE).** The dried flowers possess medicinal qualities. Prescribed as an emetic and vermifuge. Pkt., 10c; ¼ oz., 35c.

**CHIVES SEED.** Used for seasoning. Pkt., 15c; ½ oz., 60c; oz., $1.00.

**CORIANDER.** The seeds are used for flavoring. Pkt., 10c; oz., 15c.

**DILL.** Leaves are used in pickles and for flavoring soups and sauces. Pkt., 10c; oz., 15c; ½ lb., 35c; lb., $1.00.

**FENNEL, SWEET.** The leaves boiled are used in fish soups and are beautiful for garnishing. The seeds are used for flavoring. Pkt., 10c; oz., 20c.

**FENNEL, Florence.** An excellent legume with agreeable aromatic flavor, sweet taste and a delightfully pungent odor. Very distinct from Sweet Fennel. Height of plant, 2 ft. Directions for culture and use given with each order. Pkt., 10c; oz., 15c; ¼ lb., 50c.

**HENBANE.** The growing plants are used for Hyoscyamus, a drug used in medicine. Pkt., 10c; oz., 40c.

**HOP.** The hops are used for flavoring and also in the manufacture of cough remedies. Pkt., 10c; oz., 40c.

**HOREHOUND.** The leaves are used for flavoring and also in the manufacture of cough remedies. Pkt., 10c; oz., 40c.

**HYSSOP.** The tops and flowers are used for flavoring. Pkt., 10c; oz., 25c.

**LAVENDER.** The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers, which are used in making perfumes. Two kinds. Pkt., 10c; oz., 40c.

**LAVENDER (Lavandula vera).** True Lavender. Pkt., 10c; oz., 60c.

**LAVENDER (Lavandula spike).** Not quite so strong as above. Pkt., 10c; oz., 30c; ¼ lb., $1.00.

**LAVENDER PLANTS.** Give much better results than seed. Pkt., 10c; oz., 30c; ¼ lb., $1.00.

**MARJORAM (Sweet).** The leaves and the end of the shoots are used for flavoring in summer and they are also dried for winter use. Pkt., 10c; oz., 60c.

**MINT.** For mint sauce and jellies. Pkt., 10c; oz., 30c; ¼ lb., $1.00.

**MINT SEED.** In making mint jelly. Pkt., 10c; oz., 35c; lb., $1.00.

**PENNYROYAL.** Leaves are used for flavoring, especially for boiled sweets. Pkt., 25c; oz., 75c.

**PORTERIS.** Uses include flavoring soups and sauces. Pkt., 10c; oz., 30c; ¼ lb., $1.00.

**PEPPERMINT.** Leaves and stems, used for flavoring. Pkt., 25c.

**PIMPINELLA (Burnet).** The leaves are used as salad; their flavor resembles that of burnt mustard. Pkt., 10c; oz., 25c.

**ROSEMARY.** The leaves are used for seasoning. Pkt., 10c; oz., 40c.

**RUE.** For medical purposes; good for roo in fevers. Pkt., 10c; oz., 60c.

**SAFFRON.** Used for coloring and for flavoring. Pkt., 10c; oz., 25c.

**TARRAGON (Artemisia Dracunculus).** The leaves, dried or fresh, are steeped in ordinary vinegar. Designed for making Tarragon vinegar only. Price, 3 for 85c; doz., $3.00; per 100, $15.00.

**THYME.** Used for seasoning; a tea is also made for nervous headache. Pkt., 10c; ½ oz., 40c; oz., 75c.

**WOODRUFF or WALDMEISTER (Asperula odorata).** Used in May Wine and also for perfuming clothes. Pkt., 10c; oz., 25c.

**WORMWOOD.** Beneficial for poultry; plant in your poultry yard. Pkt., 10c; oz., 25c.

**SWALL MARJORAM (Marjoram, Marjolain).**
Birch, White

10.40 1.25 4.50

Arbor Vitae, American

can be sown in April or May in drills 2 feet apart. Sand in boxes and exposed to frost; where this cannot be done, soak in hot water for an hour before sowing. The other deciduous seeds can be sown in April or May in drills 2 feet apart.

One pound lots and less include postage; write for prices on large lots.

Apple: $0.10 $0.20 $0.60 $2.00

Arbor Vitae, American: .10 .40 1.25 4.50

Birch, White: .10 .20 .60 .25

POULTRY FEEDS AND SUPPLIES WE CARRY A FULL LINE OF

Poultry Feeds (Scratch, Mashes and Baby Chick)—Pigeon Feed.

Incubators and Brooders (Buckeye and Prairie State)

Sprouters, Fountains, Sprayers, Feeders, Remedies and all supplies.

Write for Vaughan’s Poultry Catalog.

NEW ANNUAL SWEET CLOVER

We can offer only one ounce to a customer of this remarkable new feeding and sowing crop. Our stock of seed was grown from 40 seeds sent us for trial a few years ago by Prof. Hughes of the Agricultural College, Ames, Ia., and this is the first year we have been able to offer seed. It produces the first year a crop almost equal to the second year’s growth of biennial Sweet Clover, giving the highest yield of high feeding value hay of any crop we know.

For trial, small packet, 10c; ½ oz., 25c; oz., 75c.

DWARF ESSEX RAPE

This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. One acre will pasture 36 head of sheep two months, and lambs will make a gain of 8 to 12 pounds a month. Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June and the crop can be ready to feed at a season when it is most needed. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 5 lbs. and if in drills 2 lbs. to the acre.

Grain bags, 50c each extra.

Japanese grown (Winter Sowing Rape).

Lb., 20c; 10 lbs., $1.35; 100 lbs., $11.00.


Lb., 22c; 10 lbs., $1.60; 100 lbs., $13.50.

AUSTRALIAN SALT BUSH

A forage plant for arid or alkali lands. The plant after three seasons neutralizes the soil so other plants will grow. Sow in garden bed, and transplant 7 feet apart.

Oz., 15c; ½ lb., 35c; lb., $1.10.

BIRD SEED

Vaughan’s Re-cleaned of Highest Quality

The health of your birds depends as much on the quality of their food as on their general care. Clean, fresh bird seed is essential. Vaughan’s bird seed can always be depended on. It is of the highest grade, carefully re-cleaned and always fresh. You can feed it to your birds with absolute confidence that you are giving them the best obtainable.

Beware of cheap package bird food. Feed them Vaughan’s and be sure.

BLUE MAW (Poppy). Per lb., 60c; 5 lbs., $2.75.

CANDY SEED. Lb., 20c; 5 lbs., 65c; 10 lbs., $1.20.

CUTTLEFISH BONE. Per lb., $1.25.

HEMP. Per lb., 15c; 5 lbs., 50c; 10 lbs., 90c.

LETTUCE SEED FOR BIRDS. Per ½ lb., 10c; 1 lb., 25c; 5 lbs., $1.00.

MILLET, Fancy Re-cleaned. Per lb., 12c; 10 lbs., 65c.

BIRD RAPE. (Not Dwarf Essex). Per lb., 20c; 5 lbs., 70c; 10 lbs., $1.30.

SUNFLOWER SEED, extra clean for birds. Lb., 15c; 5 lbs., 50c; 10 lbs., 90c.

SUNFLOWER MAM. RUSSIAN

Standard crop raised for the seed which is used in Poultry and Parrot feeds. Fancy domestic seed. Sow about 8 lbs. to acre. Oz., 5c; lb., 15c; 10 lbs., 90c; 100 lbs., $6.50. Bags free.

TEOSINTE

A valuable continuous cutting forage plant for Southern and Southwestern states. It resembles Indian corn, but the leaves are larger and the crop sweeter. Sow in May or June in drills 3½ to 4 feet; 2 to 3 lbs. per acre.

Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 75c.

PEANUTS

Spanish—Earliest variety, solid and well filled. Sow in rows 3 feet apart, 8 to 10 inches in the row.

Pkt., 10c; lb., 30c; 5 lbs., $1.20; 10 lbs., $2.00.

Mammoth Virginia, later than Spanish—with large pods and kernels.

Pkt., 10c; lb., 30c; 5 lbs., $1.20; 10 lbs., $2.00.

CHUFAS or EARTH ALMONDS

Used to fatten hogs. Nuts grow under ground very near surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April, in rows 3 feet apart, and 8 to 10 inches apart in row. If seed is dry, soak before planting. Sow 15 lbs. of seed per acre.

Pkt., 10c; lb., 30c; 10 lbs., $2.25; 100 lbs., $20.00.

FLAX SEED

Primost Variety, fancy re-cleaned Dakota seed. (Bu. 56 lbs.)

Peck, $1.10; bu., $4.00. Bags free.

If shipped from New York, add $6.50 per bushel.

The “New York” tomato plants obtained from you during the past two seasons have proven entirely satisfactory and in comparison with four standard varieties which I grew during the past season left nothing to be desired.

Yours very truly, W. K. WIKE.
FANCY KENTUCKY BLUE GRASS (Poa pratensis)

The greatest of all pasture grasses for America particularly on limestone soils. All live stock like it and thrive and fatten upon it. It requires time to establish itself and should be grazed on lightly for the first two years. The time of mowing depends upon locality. In some sections Early Spring and again in June and in others the Fall is best. Bush, 14 lbs., sow three per acre.

Vaughn’s re-cleaned, the highest grade of this grass seed that perfect growing and careful cleaning can produce, is the best that can possibly be procured. Extra Fancy Sun-dried Seed, twice re-cleaned; very high germination. Actual weight, 25 lbs. per bush., sold at legal weight (14 lbs. per bush.), 1 lb., 48c; 5 lbs., $2.15; 10 lbs., $4.25; 100 lbs., $40.50.

Fancy Seed, actual weight 21 lbs. per bush., sold at legal weight (14 lbs. per bush.) 1 lb., 40c; 10 lbs., $3.75; 100 lbs., $35.00.

RHODE ISLAND BENT GRASS (Agrostis tenuis)

This valuable lawn grass resembles “Red Top” in appearance, but has shorter leaves; it makes a fine colored, close turf, and adapts itself readily to any soil, in which respect it also resembles “Red Top.”

It’s much in use in the New England States, for lawns and permanent meadows and pastures; for these it is very valuable. For lawns, sow in Spring 3 to 4 bushels per acre. We offer American grown seed this year, (14 lbs. to bushel). 1 lb., $1.00; 10 lbs., $9.00; 100 lbs., $75.00.

CREPPING BENT GRASS

(European Mixed Bent)

The long creeping stems and spreading habit of this splendid grass make it ideal for Putting Greens: It makes a lasting turf that withstands hard usage. The leaves are fine and it develops a dense growth, making it valuable for bottom lands and slightly sandy soil. Makes excellent hay and splendid pastures. (14 lbs. to bushel.) 1 lb., $1.25; 10 lbs., $11.00; 100 lbs., $90.00.

ENGLISH BLUE GRASS

(Festuca pratensis, or Meadow Fescue)

A native of Europe, it has become thoroughly naturalized here. It is a permanent grass and is especially valuable for permanent pastures where the soils are not too dry. In the Western Central States it has done especially well. Should be sown with other grasses, as it does not come well in shade. For lawns, sow in mixture with other grasses 1 lb., $1.00; 10 lbs., $9.50; 100 lbs., $90.00.

RED TOP GRASS

(Agrostis alba)

This grass is especially adapted to moist soils. It is one of the most valuable grasses for pastures and meadows but it is not as nutritious as Timothy for hay. Sow in spring or fall with or without a nurse crop. One bushel of clean or unhulled Red Top, or one-half bushel of fancy seed is enough to sow an acre. The leaves are fine and it develops a dense growth, making it valuable for bottom lands and slightly sandy soil. Makes excellent hay and splendid pastures. (14 lbs. to bushel.) 1 lb., $1.00; 10 lbs., $9.00; 100 lbs., $75.00.

Our Lawn Mixtures are all made from Reclaimed Fancy Grasses. See pages 2 and 3

MEADOW FOXTAIL

(Alopecurus pratensis)

A mixture for any permanent pasture should contain some of this grass, with its valuable property for most purposes. It withstands summer heat and the cold of northern winters. It does not reach maturity for 2 or 3 years, therefore it should be sown in mixture with other grasses. Sow in Spring. Our seed weighs 7 lbs. to bushel. 1 lb., 55c; 10 lbs., $4.50; 100 lbs., $40.00.

TRUE PERENNIAL SWEET VERNAL

(Anthoxathum odoratum)

Very early. It imparts an exceedingly pleasant odor to hay. Sow in mixture with other grasses 1 lb., $1.00; 10 lbs., $5.50; 100 lbs., $90.00.

TALL MEADOW OAT GRASS

(Agrostis elatior)

An excellent meadow grass for winter grazing, and for hay in Southern States and dry climates; should be sown with other grasses. Sow in Spring or Fall 3 bushels per acre, (13 lbs. to bushel.) 1 lb., 50c; 10 lbs., $4.25; 100 lbs., $38.00.

ANNUAL SWEET VERNAL

(Anthoxathum odoratum puellii)

Sow half to one pound per acre with other grasses in the Spring. 3 lbs. to the bushel. Price, 1 lb., 30c; 10 lbs., $4.50; 100 lbs., $40.00.

CANADA BLUE GRASS

(Poa compressa)

A hardy grass with dense creeping root stocks. Adapted to all soils. Recommended for the Eastern and Middle States for hay and pasture use. Sow 3 bushels of seed to the acre in the Spring. (14 lbs. to bushel.) Price, 1 lb., 30c; 10 lbs., $3.25; 100 lbs., $30.00.

SHEEP’S FESCUE

(Festuca ovina)

A perennial grass, native of Europe. Of some value agriculturally as a bottom grass in pastures. Good both for hay and pasture. For lawn purposes it is desirable especially for shaded places, its fine soft leaves and its creeping roots making a very good turf. Sow in Spring 40 lbs. to the acre. (Bush., 15 lbs.) Lb., 65c; 10 lbs., $5.50; 100 lbs., $50.00.

For other Fancy Grasses see pages two and Three.

BOKHARA OR SWEET CLOVER—White Blossom

On poor or coarse soils all over the country, and on good farm lands in the dry sections of states like Nebraska and S. Dak., no other soil-renovating plant can produce as good results. It withstands summer heat and the cold of northern winters. Cattle, sheep and hogs soon acquire a taste for it and a feed is raised in value close to Alfalfa. It has the same nitrogenous value as Alfalfa. Cut before getting too large, it makes hay, or as it springs or fall. We offer hulled seed, scarified and treated. Lb., 25c; 10 lbs., $2.00; 100 lbs., $16.50. Grain bags, 50c each, extra.

BOKHARA OR SWEET CLOVER—White Blossom

FANCY MEDIUM RED CLOVER

Farmers should not neglect sowing crops like clover. They should consider seriously and do at least a part of their regular seeding. We are very proud of our fancy clover seed. It is not only a splendid meadow clover but in seed and germination are of the highest standard. We tested it in many articles. Not so with grass seed. A trained expert is necessary to determine how well a grass seed sample is and a laboratory is needed to make such an analysis properly and also to determine how well such seed will grow. The United States Department of Agriculture and most of the States recognize that few farmers can themselves determine the quality of their seed, so they have provided laboratories where farmers may send their seed for analysis when in doubt as to the kind of seed they have. Vaughan’s Seed Laboratories believe to be the most trustworthy laboratories; they are all lots of seed, 10 lbs. or over, with a purity and germination test. On a basis of such tests we can and do compete with any seed house in price.

SAVE MONEY—BUY THE

Buy grass seed from a known reliable farm. Quality is at once apparent in many articles. Not so with grass seed. A trained expert is necessary to determine how well a grass seed sample is and a laboratory is needed to make such an analysis properly and also to determine how well such seed will grow.
BEST GRASS SEED

Vaughan's Seed Store offers grass seeds at a price that is just based upon the quality of the crop. No better evidence of this truth is furnished than our selling lawn grass seed year after year in actual growing tests to parks and cemeteries in lots at prices much higher than department stores and other supply in single pound lots.

We purchase our seeds where we know the best is produced. Our large experience in the business gives the store which demands the best in volume—is so well known that produces all over the country save their better samples knowing we will pay the price for better goods. Our location—Chicago is the greatest grass seed importing center—gives us a great advantage with regard to prices and stock.

Let us have an opportunity to quote you on a basis of latest market prices. On quality basis. Weekly price card sent on request.

TIMOTHY (Phleum pratense)

One of the best grasses for hay or pasture. Withstands extremes of heat and cold. Timothy sown alone is "hard" on the soil and should be followed with a dressing of manure. The vast majority of farmers now sow clover either Medium Red or Alsike with Timothy to replenish the soil with the nitrogen taken by the Timothy. Timothy demands good, rich, rather heavy land. Timothy develops very rapidly and is excellent for soiling. Valuable in lawn grass mixtures especially where quick results are sought. Sow in spring, 60 to 70 lbs. per acre. (18 lbs. to the bushel.) Price, lb., 25c; 10 lbs., $1.65; 100 lbs., $14.00.

RED OR CREEPING FESCUE

(Festuca rubra)

An excellent bottom grass for pastures and especially for those which are quite shaded. For lawn purposes it should be included in all shade mixtures. Sow in spring 30 lbs. per acre; (14 lbs. to the bushel). Seed short on account of European conditions. Lb., 45c; 10 lbs., $4.25; 100 lbs., $40.00.

SLENDER FESCUE OR FINE LEAVED SHEEP'S FESCUE

(Festuca tenuifolia)

Of principal value for lawn purposes where it does very well on dry and inferior soils as well as in shady places. Sow in spring 30 lbs. to the acre. (22 lbs. to the bushel.) Lb., 50c. Seed not obtainable this year.

HARD FESCUE

(Festuca duriuscula)

This grass does well in sandy pastures. A slender, and very tufted perennial, a dwarf form of Sheep's Fescue. A good grass for resisting drought. Of fair value as a lawn grass, but must be sown in mixture with other sorts on account of its forking tufa. Sow in spring, about 15 to 20 lbs. to the acre. (14 lbs. to the bushel.) Lb., $1.00; 10 lbs., $9.00; 100 lbs., $75.00.

ROUGH-STALKED MEADOW GRASS

(Poa trivialis)

A perennial species closely related to Kentucky Blue Grass. Does best in moist, cool locations and its principal use is as a bottom grass in permanent pastures. For lawn purposes it does well on sandy soil but not with any of our grasses. Sow in spring, 30 to 35 lbs. per acre. (14 lbs. to the bushel.) Price, lb., 75c; 10 lbs., $7.00.

WOOD MEADOW GRASS

(Poa nemoralis)

In the Northern and Middle States this is the best of all lawn grasses for deep shade. Very hardy and a perennial. Its creeping roots establish a lasting, even and deep green turf. On dry rich soils it makes good pasturage and hay, but is usually too expensive to sow. Sow in spring, 30 to 35 lbs. per acre. (14 lbs. to the bushel.) Lb., $1.00; 10 lbs., $9.00; 100 lbs., $75.00.

AWNLESS BROME GRASS

(Bromus inermis)

Successful on arid soils, very strong, thick growth, making two big crops. Cut in bloom, it nearly equals Timothy. It prevents washing on banks of streams; is hard to eradicate—sue pasture. Sow in Spring, Vaughan's extra cleaned seed. 2 bushels per acre, (11 pounds to bushel.) Lb., 40c; 10 lbs., $3.00; 100 lbs., $32.00.

JOHNSON GRASS

(Andropogon Halepensis)

A drought resistant and much used in the warmer parts of the southern states. Used for hay, it should be cut just as it comes into bloom, when it is much liked by all kinds of stock. Sow in spring 1½ bushels per acre; (25 lbs. to the bushel.) Lb., 85c; 10 lbs., $2.50; 100 lbs., $12.00.

ITALIAN RYE GRASS

(Lolium italicum)

Likes a rich, moist, loamy soil where it does remarkably well and produces good hay and pastureage. Desirable for this purpose in temporary pastures. Develops very rapidly and is very quick to stand. It is a valuable lawn grass, especially where quick results are sought. Sow in spring, 60 to 70 lbs. per acre. Extra Heavy Seed. Lb., 25c; 10 lbs., $1.65; 100 lbs., $14.00. Standard Weight, 24 lbs. to the bushel. Lb., 85c; 10 lbs., $4.25.

ENGLISH OR PERENNIAL RYE GRASS

(Lolium perenne)

Does very well in this country. Good for both pastures and meadows. Moist and rich clays or loams are the soil best suited to it. The seed is heavy and very quick to stand. It is a valuable lawn grass, especially where quick results are sought. Sow in spring, 60 to 70 lbs. per acre.

BERMUDA GRASS

(Cynodon dactylon)

The grass for Southern Lawns and pastures; hard to kill, resists drought; should only be planted for permanency and in the south. Sow in spring 15 lbs. to the acre. (30 lbs. to the bushel.) Lb., 85c; 10 lbs., $7.50.

OUR LAWN MIXTURES ARE ALL MADE FROM RE-CLEANED FANCY GRASSES.

IMPROVE YOUR LAND BY PLANTING CLOVER

Leguminous Crops

ALSIKE OR HYBRID CLOVER

Thrives well on damp soils where it is impossible to secure a catch of Red Clover. Because the seed grows so much further than Medium Red and because of its comparatively reasonable price many farmers are sowing Alsike. Sow 3 to 6 lbs. per acre.

Extra Fancy Seed: Lb., 75c; 10 lbs., $7.00; bush (60 lbs.), $22.25; 100 lbs., $36.00. Grain bags, $5 each extra.

WHITE CLOVER

Extremely valuable for permanent grass mixtures. It will stand more grinding than any other Clover. As the growth is short it has no value in a hay crop. Much used in lawn seed. Sow in spring, 3 to 4 lbs. per acre.

Choice Seed, clean but not as bright as the above: Lb., 75c; 10 lbs., $6.50; bush (60 lbs.), $22.00; 100 lbs., $36.00. Grain bags, $5 each extra.

CRIMSON CLOVER

Erect growing annual with long narrow and pointed flower heads. Grown extensively in the East and South for turning under to improve the soil. Produces a hay crop of excellent feeding value but requires to be cut in full bloom to obtain the full value of the nutrient. Sow in August or September, 15 lbs. per acre. Lb., 25c; 10 lbs., $1.65; bush (60 lbs.), $9.00; 100 lbs., $14.00.

On account of high value of clovers we ship in Grain Sacks, for which there is a charge of 50c extra.

IMPROVE YOUR LAND BY PLANTING CLOVER
No Crop Pays So Continuously and None More Abundantly Than Alfalfa

ALFALFA OR LUCERNE

Grain bags holding 150 lbs., 50c each, extra.

On the average, “The Best Paying Crop on the Farm” is the unanimous verdict of the farmers who have been successful in obtaining a stand of alfalfa. The unflagging market demand for alfalfa hay, its value for all stock, especially dairy cattle, its certainty of a fair return during the dry seasons are its great strong points. Success is not difficult. The majority of growers are agreed on the following essentials:


II. Well-prepared land—free of weeds, by constant cultivation after plowing to seeding time.

III. Drill seed if possible or cover by dragging.

IV. Innoculate land by one-half wagon load of soil from old alfalfa field or from around the roots of the wild sweet clover or use nitrogin (see page 57).

V. Lime the soil before planting. Two to five tons per acre is usually beneficial on most soils.

VI. Use acclimated seed— northern grown seed if for northern localities.

VII. Sow June 1st to middle of July, alone for Central States. In spring sowing with grain, barley is the most successful nurse crop.

NEW ALFALFA, COSSACK

A variety brought to this country by Prof. Hanson of North Dakota. Said to be hardier than any variety yet found. We offer a limited amount of seed so our customers may try it. Lb., $1.50; 10 lbs., $12.50.

NEW HARDY ALFALFA, LISCOMB

(Variegated Flower)

The extra hardy “Yellow Flower” Alfalfa, crossed and recrossed with an ordinary sort, has produced “Hardy Liscomb” Alfalfa. This important development has distinct points of exceptional merit.

The hardiness of Liscomb as a drought resister is not equalled by any other variety, and its numerous lateral roots give it endurance against ground heaving, from frost, in severe winters. In the severe winter climate of Montana, the parent field from which our seed comes, still continues to produce a full crop of hay and seed (without irrigation), after 35 years of endurance. No part of it has ever been killed in any winter in all these years.

This sort has variegated blossoms and a receding crown (at times 3 to 5 inches below the surface of the soil), also a branched root system in place of a single tap root.

Lb., 60c; 10 lbs., $5.50; bu., $30.50; 100 lbs., $50.00.
Grain bags, 50c each, extra.

You will find everything you want to know about raising a crop of Alfalfa in F.D. Coburn’s book “Alfalfa,” Price, 50c; postpaid.

THE “GRIMM” or EVERLASTING ALFALFA

Renowned the World Over for Its Hardiness. Grimm stands in the same high relation to the Alfalfa as Marquis Wheat does to the Wheat Crop. It is a type of Northern origin, consequently has a very wide range of adaptability and hardiness.

Endures extremes of cold and withstands excessive heat, accepting most all soils and has obtained a reputation for productivity and hardiness all through the North-west. The seed is identical with other types of Alfalfa. We offer genuine Grimm Seed from an inspected field in S.Dakota. Our customers for Alfalfa in the North who wish to make a beginning will make no mistake in using this. Order early as the true stock is limited. Lb., 75c; 10 lbs., $7.00; bu., $40.50; 100 lbs., $65.00.
Grain bags 50c each, extra.

WESTERN GROWN IDAHO SEED. This is extra fine, better than 99.5 per cent pure.
Lb., 35c; 10 lbs., $2.85; bushel, $16.25; 100 lbs., $26.00.
Grain bags holding about 150 lbs., 50c each, extra.

KOTA GROWN DRY LAND SEED. This is an extra hardy strain of strong vitality and great productiveness. It withstands cold and climatic conditions in a marked degree. In wet weather it yields no seed crop.
Lbs., 45c; 10 lbs., $4.00; bushel, $21.50; 100 lbs., $35.00.
Grain bags holding about 150 lbs., 50c each, extra.

ALFALFA SEED

BOKHARA or SWEET CLOVER. See page 54. Market Fluctuates. Write for latest Prices.
VAUGHAN'S NITROGEN GATHERING PLANTS

SOJA OR SOY BEANS

This valuable legume is attracting more attention each year. Soja Beans is an ideal crop for turning under to improve worn out soils. As a fodder crop, it should be fed in conjunction with corn in proportion of one part Beans to five of Corn, so as to reduce the excess of protein in the former. It should be cut for hay before the stems become too woody, otherwise the nutritive value of the feed will be endangered. For latitudes north of Chicago, we would advise using Northern grown seed. Seed should be sown in June at the rate of ½ bushel per acre and in drills 30 inches apart.

Price, peck, $2.00; bushel, $7.50. Bags free.

Black Beauty. ½ peck, $1.10; peck, $2.25; bushel, $8.00. Bags free.

Mammoth-Yellow. Southern grown seed. Use south of middle Illinois. ½ pkt., 70c; peck, $1.25; bushel, $4.00.

GIANT BEGGAR WEEP

(Florida Forage Plant). An upright growing legume. A fine fodder plant which reaches immense size, also good for plowing under in soils. For hay cut when first blooms appear. Plant 10 lbs. per acre. Pkt., 10c; ½ lb., 20c; lb., 65c; 5 lbs., $2.75; 10 lbs., $5.00.

VELVET BEAN

A very heavy yielding legume belonging to the Soja and Cow Pea class. The most rapid growing of all these sorts. Very popular in the South and of value in the North for a cover crop. Sow about 1 bu. per acre, in drills.

Price, pkt., 10c; ½ peck, 65c; peck, $1.15; bushel, $4.25. Bags free.

COW PEAS

Great Soil Improver

The value of cow peas as a soil enricher is now well known. As fast as farmers understand the advantages of this plant as an agency through which the value of their land may be greatly increased, there will be more successful farmers and more profitable farms. It adds nitrogen to the soil at less cost than by any other method. Cow peas make excellent hay. To those in the North who have not had the best success with this plant, we would say that a warm, sandy soil will give best results. Where never grown before, drilling in and cultivating at first, as for field beans, is the best way to start.

VETCHES

WINTER VETCH. (Vicia villosa) Sand or Hairy Vetch. The winter cover crop. This is a hardy legume sown in the Northern States in the fall months, growing well that season and remaining green all winter. It supplies the place in the North that the less hardy crimson clover does in the South. As a winter cover crop, it prevents washing or leaching of soil and at the same time, being a hardy crimson clover does in the South. It is an excellent hay. To those in the North who have not had the experience of this plant, we would advise using it. With the present season’s high prices for oats, farmers will find it very profitable to sow these peas along with oats for feed. Sow broadcast, 2 bushels per acre—if sown with oats, use a bushel with 1½ bu. oats. Prices subject to market changes.

Bush, $4.50; 2 bush., $8.25; 10 bush., $42.50. Bags free.

VAUGHAN’S NITROGEN GATHERING PLANTS

CANADA FIELD PEAS

A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used for soups. Sow about 60 lbs. per acre.

Lentils

An excellent perennial Fodder plant growing about 3 feet high, flowering in June and July. It is adapted to light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast, 12 to 15 lbs. in drills.

Price, lb., 30c; 10 lbs., $2.35; 50 lbs., $10.50; 100 lbs., $20.00.

VAUGHAN’S NITROGEN GATHERING PLANTS

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The value of cow peas as a soil enricher is now well known. As fast as farmers understand the advantages of this plant as an agency through which the value of their land may be greatly increased, there will be more successful farmers and more profitable farms. It adds nitrogen to the soil at less cost than by any other method. Cow peas make excellent hay. To those in the North who have not had the best success with this plant, we would say that a warm, sandy soil will give best results. Where never grown before, drilling in and cultivating at first, as for field beans, is the best way to start.

VETCHES

WINTER VETCH. (Vicia villosa) Sand or Hairy Vetch. The winter cover crop. This is a hardy legume sown in the Northern States in the fall months, growing well that season and remaining green all winter. It supplies the place in the North that the less hardy crimson clover does in the South. As a winter cover crop, it prevents washing or leaching of soil and at the same time, being a hardy crimson clover does in the South. It is an excellent hay. To those in the North who have not had the experience of this plant, we would advise using it. With the present season’s high prices for oats, farmers will find it very profitable to sow these peas along with oats for feed. Sow broadcast, 2 bushels per acre—if sown with oats, use a bushel with 1½ bu. oats. Prices subject to market changes.

Bush, $4.50; 2 bush., $8.25; 10 bush., $42.50. Bags free.

VAUGHAN’S NITROGEN GATHERING PLANTS

VAUGHAN’S NITROGEN GATHERING PLANTS

CANADA FIELD PEAS

A leguminous annual. Succeeds best in dry, sandy soil. Splendid pigeon food and also used for soups. Sow about 60 lbs. per acre.

Lentils

An excellent perennial Fodder plant growing about 3 feet high, flowering in June and July. It is adapted to light, chalky soils, being an enriching, heat-resisting Clover; does well in Southern and Western States. May be sown in drills or broadcast. Sow 25 lbs. per acre broadcast, 12 to 15 lbs. in drills.

Price, lb., 30c; 10 lbs., $2.35; 50 lbs., $10.50; 100 lbs., $20.00.

COW PEAS—As soil renovators and enrichers, have few equals; like other leguminous plants, besides yielding a bountiful crop, they increase the fertility of the soil by collecting nitrogen from the air and adding this expensive fertilizer to the land at a minimum of cost.
SEED BARLEY, SELECTED, RE-CLEANED
WISCONSIN PEDIGREE BARLEY (No 5)

This Barley has won many State and National Championships as the best six-rowed variety. Prof. Moore of the Wisconsin Experiment Station developed this from the famous Oderbrucker strain after many years' breeding and testing. By many trials throughout the middle western states, Wisconsin Pedigree has proved a greater yielder than all others. It is tall growing with plump grain, very stiff straw and large well filled heads. Selected on account of yield and also for malting and feeding qualities.

Price, peck, 75c; bush., $2.25; 10 bush., $21.00; bags free.

ODERBRUCKER BARLEY (Wisconsin No. 55) A heavy yielding and plump six-rowed variety, introduced in 1906 by the Wisconsin Agricultural Experiment Station. Particular attention has been given in recent years to breeding. A large percentage of the Barley acreage in Wisconsin is now of this grain. Compared to Manshury, Oderbrucker has a stiffer straw, higher protein content and being a more vigorous grower is a better rust resister. Average yield of five to ten bushels more per acre than other six-row sorts was reported on a series of tests. High protein content makes Oderbrucker of exceptional value for both feeding and malting. Ours is an excellent sample, Wisconsin-grown, produced from seed secured from the Wisconsin Experiment Station.

Price, peck, 75c; bush., $2.25; 10 bush., $21.00; bags free.

SUCCESS OR BEARDLESS

This is the earliest and hardiest of all barleys. May be sown as early as possible in the Spring without danger from frost. The straw is heavy and stands up under a heavy crop. The grain is without beards and can be handled and threshed as easily as oats. In stock-feeding it is of much more value than common barley as it may be fed without danger of injury to the animals. Yields always show some bearded plants, although our stock is exceptionally fine.

Prices, peck, 55c; bush., $1.65; 10 bush., $15.00; bags free.

WHITE HULLESS

This variety is strictly a feeding sort. It has a grain like that of wheat. In feeding value it is almost equal to wheat and the yield is nearly twice as large. As a dry feed it has no superior. The straw is heavy with good leaves, and when cut green makes good hay. Our seed is grown in the far Northwest and is heavy, fine, bright and very free from hulls. This variety never runs entirely true to type.

Price, peck, $1.10; bush., $4.00; 10 bush., $37.50; bags free.

GRAINS FOR FALL PLANTING—Write us in the Fall or now for pedigreed—certified—Rosen Rye—Red Rock Wheat—Klondyke White Wheat grown on our own farms in Central Michigan.

Our list of grains, field and grass seeds, soilings plants and the like will be found to be made up of the standard varieties and such new things as have been thoroughly tried and proven. "Miracle grains and Million Dollar" grasses are not to be found in our catalog, at least not under those names. Due to the location of our two stores we are in constant touch with the leading markets and conditions. With our favorable freight rates, either in carlots or less, and with the best shipping facilities in the United States, we are in a position to serve our customers as no other house.
FROM THE MOST RELIABLE SOURCES.
WE STRIVE TO SECURE ONLY THE BEST

Free Samples to Intending Purchasers—Most of our seeds are grown especially for us. All are excellent samples, carefully re-cleaned and grown under our direct supervision.

Prices—The market on this class of seeds is changing constantly and prices given below represent values at the date this catalog went to press. They are made subject to market changes. When purchasing in quantity, write or wire us for our latest prices.

Quality considered, we can meet any competition.

OATS, VAUGHAN'S "SWEDISH SELECT"
Extra Heavy Re-cleaned Seed

Introduced a few years ago by the U.S. Department of Agriculture and to-day the most largely planted of all varieties in the Northern Central States. Briefly described the oat is pure white in color; the hull is thin and the kernel large and plump; straw is stiff and strong enough not to lodge. A remarkable root development makes the Swedish oat a good drought-resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land.

Price, peck, 55c; bush., $1.65; 10 bush., $15.00; bags free.

OATS, BLACK VICTOR
The darkest of the Black Oats and a very heavy cropper. It is extremely hardy and seldom lodges. The grain is black, heavy and of high feeding value. We offer clean, heavy, Northern grown seed.

Price, peck, 60c; bush., $1.75; 10 bush., $16.00; bags free.

WHEATS—Spring
Fancy Northern Seed

On account of high value of wheat we ship in grain sacks only, for which there is a charge of 50c each. Write for latest 'quantity' prices. Sow 1½ bush. to acre.

MARQUIS. In the northwest spring wheat district Marquis Wheat is now regarded as the finest of all varieties. Introduced by Prof. Saunders of Ottawa, Canada, the result of a cross between Red Fife and acclimated Hard Red Calcutta wheat. It is earlier than Red Fife and has out-yielded all other spring wheats wherever grown. In milling quality and appearance it is in a class by itself. Marquis Wheat is an entirely distinct variety, acclimated and has already proved to be a better wheat in all the International Shows the past three years. Wheat price changeable. Write for prices in quantity.

Price, peck, $1.00; bush., $3.50.

SASKATCHEWAN FIFE. A very hardy and productive red variety. Makes the famous Northwest No. 1 milling wheat. Price, peck,$1.00; bush., $3.50.

Write for latest 'quantity' prices.

BLUE STEM PEDIGREED. A heavy yielding variety, very popular in the Northwest. Heads are very large and well filled. Plants stoln freely. Our seed is carefully selected.

Price, peck, $1.10; bush., $3.50. Write for latest 'quantity' prices.

MACARONI OR DURUM.

We have true and carefully selected stock of this now famous introduction of the U.S. Dept. of Agriculture. Best for dry districts.

Price, peck, 95c; bush., $3.25. Write for latest 'quantity' prices.

MACARONI OR DURUM. In correctly called "SPELTZ" which is a grain especially suited to dry lands. Being semi-hardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rust resister than either Oats or Barley, and it also yields considerably better. The feeding value is high. Sow 1½ bu. to acre. Price, lb., 20c; 3 lbs., 50c; bush., (40 lbs.) $1.90; 5 bush., $9.00. Bags free.

SPRING EMMER

A grain especially suited to dry lands. Being semi-hardy, it can be sown very early in the spring like oats. Emmer grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rust resister than either Oats or Barley, and it also yields considerably better. The feeding value is high. Sow 1½ bu. to acre. Price, lb., 20c; 3 lbs., 50c; bush., (40 lbs.) $1.90; 5 bush., $9.00. Bags free.

SPRING RYE

A good catch crop, as it may be sown later than most grains. Not so good a yielder as Winter Rye. Sow about 1½ bu. per acre. Crop is very short.

Price, peck, $1.00; bush., $3.75; 10 bush., $35.00. Bags free.

All prices quoted represent values when catalog went to press.

Prices—The market on this class of seeds is changing constantly and prices given below represent values at the date this catalog went to press. They are made subject to market changes. When purchasing in quantity, write or wire us for our latest prices.

Quality considered, we can meet any competition.

OATS, VAUGHAN'S SEEDS FOR ALL ENSILAGE

BUCKWHEAT

Write for "quantity" prices.

JAPANESE.

Very large grains of dark brown color. Early and heavy yielding. Choice re-cleaned seed. (Bush. 48 lbs.) Price, peck, 80c; bush., $2.50; 100 lbs., $4.50. Grain bags, 50c each.

SILVER HULL.

A very prolific early sort. Grain a light gray in color. A great favorite with millers on account of the white flour it produces. (Bush. 48 lbs.) Choice seed. Price, peck, 80c; bush., $2.50; 100 lbs., $4.50. Grain bags, 50c each.

MILLETS

GOLDEN. Planted on good land produces a large crop of hay forage during the summer months and leaves the ground in the finest condition for wheat. There is no larger yielding forage plant. Seed is valuable for poultry. (Bush. 50 lbs.) Sow ½ bu. to the acre. Values constantly changing. Write for prices for quantities. Choice seed, Price, bush., $2.50; 100 lbs., $4.50.

HUNGARIAN MILLET.

Yields heavy growth of excellent hay. When saved for hay should be cut before the seeds become hard. Can be sown as late as July. (Bush. 48 lbs.) Sow ½ bushel to the acre. Subject to market changes.

Price, Bush., $3.00; 100 lbs., $5.50.

JAPANESE MILLET: Entirely distinct. It grows 6 ft. high and yields 10 tons green fodder per acre. When sown it makes an excellent quality of hay, and is a much relished green fodder. Sow March 15, as you would a heavy crop of Clover. It may be sown from the middle of May to the last of July, if broadcast, at the rate of 15 lbs. per acre, but it is better to sow in rows 12 to 18 inches apart, using 10 to 12 lbs. per acre, and cultivate until 15 inches high, when its rapid growth will smother all weeds. Very scarce.

Price, lb., 15c; 10 lbs., $1.00; 50 lbs., $4.00; 100 lbs., $7.50.

PEARL or CAT-TAIL MILLET.

No other plant makes so much forage. Three successive cuttings of one crop in Georgia yielded 52,416 lbs. per acre. Stools at ground; thick foliage. Can be cut when 3 ft. high. Sow 5 lbs. per acre in drills, 3 feet apart or broadcast at the rate of 25 lbs. per acre.

Price, ½ lb., 10c; lb., 30c; 10 lbs., $2.50; 100 lbs., $20.00. Subject to market changes. Write for latest quotations.
NORTHERN GROWN EARLY SEED CORN

Such varieties of Early Corn as we list on this page are the purest bred Northern Corn sorts to be found. They are grown in North Dakota, Wisconsin, Minnesota, Michigan, Northern Illinois, Northwestern Indiana, Wisconsin and Central Ohio. They begin with the very earliest Flint (Jehu) see page 62, include all the earliest Dent varieties, and end with the medium season Golden Surprise. For their respective sections they represent the heaviest yielding and purest bred types in existence.

It is now universally recognized that the so-called 90-Day or Early Corn grown in Southern localities requires twenty or more additional days to mature in the North. Farmers plant seed corn grown over fifty miles south of their latitude at a great risk of a soft crop. The Vaughan Farms in Northern Illinois and Central Michigan are ideally situated for producing those varieties of early corn most suitable for the majority of our customers in the seed corn line, whose farms are located in Northern Illinois, South and Central Wisconsin and Michigan. We try, without regard to expense, to sell the best bred corn of the highest germination. The corn is field sorted, put in crates and then racked, each ear separately to insure even drying. In drying, artificial heat is used when moisture content demands such treatment.

MINNESOTA No. 13

This is known also as Wisconsin No. 8, and is a heavy yielding, very early Yellow Dent corn; matures in 90 days of growing weather. This variety grows to a height of 8 feet on good soil and furnishes a great amount of fodder. The ears are 8 inches long, with 16 rows of kernels and taper to tip; the kernels show a good Dent type and are of deep color. Although not yet as well bred as Madison Dent, it is about 10 days earlier.

Our own Michigan grown, Selected ears, bush., $4.50; 3 bush., at $4.25. Shelled and graded, */2 peck, 50c; peck, 90c; bush., $3.25; 5 bush., at $3.00.

SILVER KING—or Wisconsin No. 7

This corn, introduced some years ago by Prof. Moore of the Wisconsin experiment station, is gaining in favor with corn growers. The ears have a good cylindrical shape, are about 8 inches long and usually have 16 rows of kernels which are deep set, and just thick enough to permit rapid ripening. This is an excellent corn for central and southern Wisconsin. Our corn is grown by ourselves in Central Michigan. Price, Selected ears, bush., $4.75; 3 bush., at $4.50. Shelled. */2 peck, 60c; peck, $1.00. bush., $3.50; 5 bush., at $3.25.

GOLDEN GLOW — Wisconsin No. 12

Is a fine product of "Minnesota No. 13," crossed with "North Star." It is very early and develops ears of good size, 8 inches in length, slightly tapering. The kernels are of medium depth, slightly rough. The cob is large enough to aid early drying, but is not too large. This is a very strong growing plant with plenty of foliage, which enhances its value for fodder. Wisconsin grown. Price, Selected ears, bush., $4.75; 3 bush., at $4.50. Shelled, */2 peck, 65c; peck, $1.10. bush., $3.75; 5 bush., at $3.50.

PRIDE OF THE NORTH

This is the most extensively planted Yellow Dent corn in northern Illinois and Iowa. It is a standard early, and the seed which we offer is grown in eastern Nebraska. We find it evener in type, and earlier in season than much of the southern "Pride." The type varies but usually has 16 rows of kernels on a cob, with tapering tip. Nebraska grown. Shelled, */2 peck, 50c; peck, 85c; bush., $2.75; 5 bush., at $2.50.

DAKOTA YELLOW DENT

A very early Yellow Dent corn raised in North Dakota; matures in better than 90 days; ears 7 inches long; kernels quite hard; good for late planting in localities south of a line from Cleveland, Ohio, to Peoria, Illinois. This is a very small Dent and high shelling quality. Our seed is grown in central Ohio. Price, shelled, */2 peck, 50c; peck, 90c; bush., $3.25; 5 bush., at $3.00.

GOLDEN SURPRISE

It is eminently well suited to be grown in localities south of a line from Cleveland, Ohio, to Peoria, Illinois. This is a very small Dent and high shelling quality. Our seed is grown in central Ohio. Price, shelled, */2 peck, 50c; peck, 90c; bush., $3.25; 5 bush., at $3.00.

Sorghums, Sudan Grass, Kaffir.

See Page 62.
Seed Corn for the whole country cannot be raised in one locality. Our seed corn is grown by the most expert growers in those localities where each variety does its best. Kinds suitable only for a short or medium corn growing season are raised for us in Northern Sections. Main crop sorts are grown for us in sections where they reach their full maturity and development. Our growers are recognized leaders in growing their respective varieties. They know all about the latest theories of corn breeding and practice them.

We plainly state where each corn has been grown, for it must be borne in mind seed corn produces best when planted under similar climatic and soil conditions to which it was originally raised. Order seed corn early, so that you may test it for yourself.

REID'S YELLOW DENT

(Standard Type) Pedigreed Seed

The great prizewinning Show Corn brought to Illinois in 1864, from Ohio. For Southern Iowa, Central Illinois, (see Northern Grown Reid's for North Central Illinois) Central Indiana, Kansas, Missouri and Nebraska this is the most satisfactory yellow Dent Corn to grow. We do not recommend this or any other variety on this page for Wisconsin, Michigan or similar latitudes. Fifty years of careful selection has resulted in remarkable evenness in appearance of ears. It is most accurately described as follows: Ear 9 to 10 inches long, 7 inches; around, 18 to 24 rows with narrow space between them; deep grains with small cob, well filled at butt and tip, matures in about 115 days in Central Illinois. We offer a very choice selection of seed from pedigree stock selected for years, grown in Illinois by one of the best corn breeders in the United States.

Selected Ears, bush., $4.50; 3 bush. at $4.25.
Shelled and Graded, ½ peck, 60c; peck, $1.00; bush., $3.50; 5 bush. at $3.25.

REID'S YELLOW DENT

Northern Grown

Ten days earlier than the Standard Type

This is the highest standard Yellow Dent Corn grown in North Central Illinois. The true type of "Reid's" is at home in the Central Illinois Corn Belt, and is unexcelled. We have never dared sell the regular full sized type of "Reid's" north of Kankakee and La Salle Counties. This strain of "Reid's" differs from the standard type only in running slightly smaller and with larger cobs. Can be used in Cook County and westward and is the finest, highest grade yellow Corn which can be safely planted this far north. A very fine variety for ensilage planted north of this section.

Selected ears, bush., $4.00.
Shelled, ½ peck, 50c; peck, 90c; bush., $3.25; 5 bush. at $3.00.

LEAMING IMPROVED

Probably planted over a greater area of country than any other sort on account of its great adaptability to various soil and other influences. Ripe in 100 to 110 days under favorable conditions in central corn belts. The ear is tapering, length 10 inches; circumference, 7 inches; wedge-shaped yellow kernels smooth and firm on the cob; 18 to 20 rows, with medium space between; well filled and rounded tips and butts; cob red, of medium size. Used a great deal for ensilage in New York and New England. Our seed is grown from prize stock in the central corn belt. The stalks are very leafy, so that it is one of the best fodder varieties.

Nebraska Grown—Shelled, ½ peck, 50c; peck, 85c; bush., $2.75; 5 bush. at $2.50.

Hastings-on-Hudson, N. Y.

Allow me to thank you for the "Vaughan New York." tomato seed. If these come anywhere near approaching in size and beauty those I raised last year I will indeed be gratified. The fruit is large, smooth and luscious. I shall soon put in my new seed and shall confidently await results. Cordially yours, A. O. Van Ness.

BOONE COUNTY WHITE

The best type of the White Dent for the Central Corn Belt States, such as Champion, Illinois, Central, Illinois and Central Iowa sections. This corn has been bred for large ears and matures rather slowly requiring about 120 days good corn weather. The ear tapers slightly, length 10 inches, circumference 7½ inches, 16 to 22 rows, medium space between, cob white, medium size. This variety is also known as "Boone County White" in Indiana, and is the great white show corn — having won more prizes than any other white corn. It also holds most of the high yields per acre records. Our Central Illinois grower, who raises this corn for us, has won many prizes. Pedigreed corn bred by ear to the row molded.

Selected ears, bush., $4.50; 3 bush. at $4.25.
Shelled and Graded, ½ peck, 60c; peck, $1.00; bush., $3.50; 5 bush. at $3.25.

IOWA SILVER MINE

One of the very best yielding White Dent Corns. Matures in North Central Illinois and in Iowa as far north as Dubuque. Creamy white in color, cylindrical shape, tapering only a little at the tip, 18 to 20 rows; length 9 inches, circumference, 7½ inches, kernels rough and deep, little space between rows; cob small and white. A fine shelling and high yielding variety. In good corn weather ripens in 110 days. Our seed is grown by one of the most famous Iowa breeders. Our seed is carefully selected, grown by a noted breeder specialist on this.

Central Iowa Grown—Shelled and graded, ½ peck, 50c; peck, 85c; bush., $2.75; 5 bush. at $2.50.

GOLD MINE

A Yellow Dent similar in its general characteristics to the Silver Mine. Ears average about half an inch shorter than Silver Mine and two rows less. The kernels are rough and deep. Cob small. In certain sections of North Central Illinois and Iowa as far north as Cedar Rapids, parts of Kansas and Nebraska—a standard sort. This variety has not been as carefully bred as some sorts; however, it has good points. Our seed is carefully selected, grown by a noted breeder specialist on this.

Nebraska Grown—Shelled, ½ peck, 50c; peck, 85c; bush., $2.75; 5 bush. at $2.50.

HICKORY KING

Fine for the Southern States. Has been bred for small cobs and large kernels. Northern Missouri Seed.

Shelled, ½ peck, 60c; peck, $1.00; bush., $3.50; 5 bush. at $3.25.

Our Seed Testing Laboratory is under the supervision of an expert Seed Analyst who, with assistants in the department, makes over 40,000 tests per year. We test all our farm seeds for purity and germination. Our vegetable and flower seeds are tested for germination and later trials are made in our trial grounds, and inspection trips taken to the various parts of the United States where the crops are growing to produce our seed for next year. We have the best. We are always glad to give all the information we can regarding the seed we sell. Write us. We like suggestions, too, for the continuing improvement of our service.

LEONARD H. VAUGHAN, Vice-President.
EXTRA EARLY FLINT CORNS

Flint Corns are grown in the colder sections of the corn belt as they are earlier than the dent type. In the central belts they are used for late sowing, as they mature a crop when it is much too late to plant dent sorts. Equally as good as dent corns for silage purposes.

LONGFELLOW FLINT: A beautiful cob of rich, glossy yellow, and very long—10 to 15 inches. The stalks grow to the height of 7 to 7½ feet, and the ears are borne about 3 feet from the ground. This is a favorite with chicken raisers in the middle corn belt. Shelled, $0.50 per peck; $9.00 per bushel. (lb., $3.25.)

GIANT LONG FLINT: A tawny, smoky white sort, one of the best for ensilage and fodder because of its sucukering habit and breadth of blade. The ears are 12 to 15 inches long, which is an unusual characteristic of this variety; and they are smooth and symmetrical. Stalks bear two to three ears. Shelled, $0.50 per peck; $9.00 per bushel. (lb., $3.25.)

WILL'S JEHU: Also known as North Dakota Yellow Flint. This is, perhaps, the earliest yellow flint corn that is valuable. The plant's average height is 5 feet, and the ears, which are 8 inches long, grow close to the ground. Dakota seed. Shelled, $0.50 per peck; $9.00 per bushel. (lb., $3.25.)

SMUT NOSE FLINT: The great favorite in Michigan. It is a yellow flint blazed with red at each end of ear. The ears are ten inches long and eight-rowed. On poor land it does much better in yield than most other sorts. One of the very earliest field corns. Shelled, $0.50 per peck; $9.00 per bushel. (lb., $3.25.)

FODDER CORN

The recent vast increase in planting corn for fodder has been mostly due to substitution of this crop when too late for other things. Results have clearly shown that fodder is a paying, necessary crop, especially in dairying. All the different types of corn are planted for fodder, practices varying in different localities. In Canada and New England and a flint variety like Longfellow is most in use; farther south the Early Dents. In the Central belt Southern grown ensilage corns are planted. Sweet corn is used in most dairying regions.

RED COB ENSiLAGE oR FOoDER. This selection has a great reputation. It has a deep red cob, strong leaf stalks and short joints. Southern Grown. Peck, $7.00; bushel, $2.25.

VIRGINIA MAMMOTH WHITE HORSE TOOTH: Small stalk, vast quantity foliage, short joints, kernels large and white. Peck, 75; bushel, $2.50.

SWEET FOoDER. A great dairy feed. Nothing better for summer and fall green feed, or curing for winter, than sweet corn. Peck, $1.10; bushel, $4.00.

POP CORN Selected Ears For Seed

BLACK BEAUTY. (New.) An extra early variety which pops very large and is the most tender and crisp of all. Although the kernels are black it pops a pearly white. Extremely early, ripening so it may be popped the same year as grown, without kiln drying. Price of any of the following kinds of Pop Corn, Pkt., 10c; lb., 25c; 5 lbs., 95c; 10 lbs., $1.60; 100 lbs., $12.00.

JAPANESE DWARF RICE: Very tender and almost bulbous. Ears short and chunky. Heavy yielder. We regard this as the coming commercial variety. Crop very short. Pkt. 10c; lb., 25c; 10 lbs., $1.60; 100 lbs., $12.00.

ILLINOIS SNOWBALL: An improved variety, very prolific; a fine sort for home use. PRICE: Peck, 75c; bushel, $2.50.

WHITE RICE: Most popular, grain pointed, pops white, and full. MAPLEDALE PROLIFIC: A great yielder, it pops pure white. PRICE: Peck, 70c; bushel, $2.25.

QUEEN'S GOLDEN: It pops perfectly white and a single kernel will expand nearly one inch.
RAFFIA FIBRE FOR BASKETS, ETC.

Raffia is the name given to a long-leaved palm found on the Island of Madagascar. The outer skin of the leaves is stripped off by the natives and tied in long bunches, after which it is rolled in bales ready for shipment. As a weaving material it is ideal, combining, as it does, softness and flexibility with great strength. The strands average three feet in length; this gives it a decided advantage over splints and grasses.

The Raffia which we import is the finest grade to be obtained on the island, and should not be compared with the cheaper coarse material offered by many dealers.

REEDS (RATTAN)

Since the recent awakening to the importance of raffia baskets, Rattan has been brought into marked prominence. Like Raffia, it is also a palm, growing to an amazing height, and found mainly in China and the Philippines. Nos. 1 to 7 are the common sizes, and should not be compared with the cheaper coarse material offered by many dealers.

Sample card mailed upon request.

FLAT REEDS

Size, 1/2 inch. Bunch, 15 oz.; 1/2 lb., 55c., lb., $1.00.

INDIAN SWEET GRASS

Sweet Grass is an excellent basket-weaving material and may be combined with Raffia with charming effects. It possesses a delightful fragrance.

Oz., 15 oz.; 1/2 lb., $1.05; 1 lb., $2.90.

BASKET BOOKS, Postpaid

Basket Making. Morse. Paper, 32 pages, illustrated. For beginners...$0.50
How to Make Baskets in the title of a very instructive work. By Mary White. Bound in cloth, 194 pages, illustrated...1.50
Raffia and Reed Weaving. Knapp. Cloth, 132 pages, illustrated...60
More Baskets and How to Make Them. White. 157 pages...1.50

FARM BOOKS

Alfalfa. F. D. Coburn. Illustrated. Cloth; 194 pages...$0.95
Farming and Garden Rule Book by Bailey; cloth, 587 pages...5.00
Irrigation for the Farm, Garden and Orchard by Stewart...1.75
Prices include postage.

Thank you for your care and promptness in filling my order for bulbs and plants received in fine condition. We have ordered seeds and plants of your kind for over twenty years and have yet to find any fault.

P. F. COMSTOCK, Mankato, Minn.
FROM the time of our great grand par-

tons, indeed from the earliest gardens of which we have records, annual flowers—so called because the cycle of life is of one season—are the most popular, in some ways the most beautiful, and the most generally satisfactory.

In these days of transient residence, of merely year long leases, no one need be without a garden, even if he moves every Mayday, for the annuals are ready to decorate whatever place he may select for a home.

Old-fashioned annuals, which for years had led a neglected existence in odd garden corners, are now proud inhabitants of the greenhouse, the Pot Marigold and Snapdragon vying with rose and carnation under glass for market sale and popularity.

Annuals furnish the best and cheapest flower garden. One may have a fine garden for a dollar, providing himself with color, tropical foliage, a fulsome variety, and they may be had in bloom by the ideal month for an early start. March is the best month for an early start.

To get a longer season of bloom, choose a flower for its durability and see that it is good rich soil. Too often any old soil is dumped into a box, "just to get it and see that it is good rich soil. Too often hair on a dog." If the seeds are very fine and thousands of tiny plants are washed to their death by careless splashing of water.

Transplanted into tulip beds after the glory of spring is past, they will take hold quickly. If a wet soil crumples easily a more complete meal and commercial fertilizer from time to time if the best results are desired and give plenty of water with occasional fertilizer when the annuals have a short season of bloom compared with other annuals and need occasional plantings.

One general rule must be followed to secure a maximum bloom—keep withered flowers picked. The life of the annual is finished when it produces seed. Remove the seed and picked before they have an opportunity to fall out, the blooming season is often delayed. This is particularly true of pansies and sweet peas.

Do not stop cultivation when the annuals attain their growth. Keep them free of weeds. Do not mow or hoe, but occasionally, and give plenty of water with occasional fertilizer. After the hot months come on, and the flower droop if they do not receive these kindly attentions.

It is care in these details that gives prize-winning blooms. The homemaker may grow asters twice as large as annuals of more distant time and culture when it is most needed.

Annuals, the flowers we love

By SHERMAN H. DUFFY

Annuals For Cutting

1. Asters 7. Cosmos
2. Snapdragons 8. Shirley Poppies
4. Bachelor Buttons 10. Sweet Peas
5. Zinnias 11. True Lobelias
6. Annual Larkspurs

Annuals For Showy Beds

1. Asters 7. California Poppy
2. Snapdragons 8. Shirley Poppies
3. Ageratum 9. Stocks
5. White 11. Candytuft

Annuals For Tall Groups

Three Feet or Over

1. Amaranthus 4. Nasturtiums
2. Giant Snapdragon 6. Annual Sunflowers
4. Plumy cockscomb 8. Colossals Zinnia

Annuals For Edging

1. Sweet Alyssum 5. Dwarf French
2. Dwarf Lobelia 6. Marigolds
3. Candytuft 7. Portulaca

Annuals For Fragrance

1. Sweet Alyssum 5. Mauritius
2. Ten Weeks 6. Verbena
3. Stocks 7. Wallflower

Annuals For Colored or Tropical Foliage

2. Kochia 5. Ageratum

Some annuals, such as the Poppy seed, must be sown in the garden. Sow them thinly where they are to remain and thin out the plants. Some annuals will not do unless they are started in pots and then taken to the garden.

For Combining

IN combing colors in beds and borders, much may be done to make annuals more pleasing. A combination of lavender and rose growing beside lavender and lavenders produce beautiful effects, particularly if relieved with a few white varieties.

For the bed, a border is ideal for a low hedge along a walk. Balsams make a gorgeous hedge if placed to back up annuals. The Chinese Asters, Heliotrope and Dwarf Ageratum is always beautiful and the shining blue Lobelias of the dwarf strain and Sylvestris furnish a beautiful tropical group.

The unique spider flower, Clomse Pungens, is used with fine effect in the Chicago parks, planted in groups among shrubbery.

General annuals, such as the Salvia, the Zinnia is its closest rival in glowing color and also contains Alpinas which have a few white varieties.

Many of the annuals need successional planting to keep them in full beauty. The hardy Imperial Sweet Sultans, which have already become such popular flowers for cutting, have a short season of bloom compared with other annuals and need occasional plantings.

For Out Perennials

PERENNIAL borders must be assisted with annuals in bloom when the permanent perennials have passed their season of bloom. Annuals may be made ready in boxes to be transplanted into tulip beds after the glory of the bulbs is departed. Asters are excellent subjects for this purpose.

Many of the annuals need successional planting to keep them in full beauty. The hardy Imperial Sweet Sultans, which have already become such popular flowers for cutting, have a short season of bloom compared with other annuals and need occasional plantings.

One general rule must be followed to secure a maximum bloom—keep withered flowers picked. The life of the annual is finished when it produces seed. Remove the seed and picked before they have an opportunity to fall out, the blooming season is often delayed. This is particularly true of pansies and sweet peas.

Do not stop cultivation when the annuals attain their growth. Keep them free of weeds. Do not mow or hoe, but occasionally, and give plenty of water with occasional fertilizer. After the hot months come on, and the flower droop if they do not receive these kindly attentions.

It is care in these details that gives prize-winning blooms. The homemaker may grow asters twice as large as annuals of more distant time and culture when it is most needed.
The following pages contain our list of **Annual Flower Seeds**. Perennial Flower Seeds will be found on pages 98 to 102, inclusive.

The **FOLLOWING SIGNS** have been employed in these pages to distinguish the class to which the varieties so prefixed belong:

- **Annuals.** These attain full growth from seed, flower and die first year.
- **Biennials.** These grow from seed the first year, bloom and die the next, though some varieties bloom the first year, if sown early.
- **Greenhouse Plants.** Start inside and cultivate in pots, or else, transplant outside when danger of frost is over.
- **Climbing Plants.** To be grown inside all the year round for pots only.
- **Stove Plants.** To be grown inside all the year round for pots only.

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
<th>Variety</th>
<th>Size</th>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>116</td>
<td>Nanum Luteum</td>
<td>Dwarf yellow</td>
<td>10 in.</td>
<td>Dwarf yellow</td>
<td>10c 05</td>
</tr>
<tr>
<td>117</td>
<td>Imperial Dwarf Blue</td>
<td>6 in.</td>
<td>A charming variety, of fine compact growth, covered with heads of feathery flowers of a deep lavender color</td>
<td>1/2 oz. 15c 80 05</td>
<td></td>
</tr>
<tr>
<td>118</td>
<td>Imperial Dwarf White</td>
<td></td>
<td></td>
<td>Double white</td>
<td>10c 05</td>
</tr>
<tr>
<td>119</td>
<td>Little Blue Star</td>
<td>4 1/2 in.</td>
<td>Flowers open light blue with purple center and develop to a bright blue self</td>
<td>10c 05</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>Princess Victoria Louise</td>
<td>6 in.</td>
<td>Bushy plants covered with sky blue flowers with white centers</td>
<td>1/2 oz. 20c 05</td>
<td></td>
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<tr>
<td>121</td>
<td>Sasseauxi</td>
<td>3 ft.</td>
<td>Clusters of handsome rose colored flowers</td>
<td>10c 05</td>
<td></td>
</tr>
<tr>
<td>122</td>
<td>AGROSTEMMA Coeli (Rose of Heaven)</td>
<td>1 ft.</td>
<td>Very dwarf, distinct variety with delicate lavender flowers</td>
<td>10c 05</td>
<td></td>
</tr>
<tr>
<td>123</td>
<td>AGROSTIS Nebulosa (Cloud Grass)</td>
<td>15 in.</td>
<td>A fine plant with bright vermilion-scarlet flowers, suitable for bedding. For a red, white and blue border plant Alonsoa for red, sweet Alyssum for white and Ageratum Blue Perfection for blue</td>
<td>1/4 oz. 15c 10c 05</td>
<td></td>
</tr>
<tr>
<td>124</td>
<td>Benthami Maritimum (Sweet Alyssum)</td>
<td>15 in.</td>
<td>One of the best summer blooming plants grown from seed. They are rapid growers early and constant bloomers. During the hot dry summer months their leaves stand upward, the sky will be cloudless; if they stand out straight, changeable weather is indicated; if the leaves hang straight downward, water may be expected to fall in torrents. A local storm is indicated by the curling together of the leaves. Bears clusters of bright yellow flowers, followed by pods with brilliant red seeds used for making beads, etc. Seeds should be soaked in lukewarm water before planting</td>
<td>1/2 oz. 85c 05c 05</td>
<td></td>
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<tr>
<td>125</td>
<td>Vaughan's Little Gem, Snow-white Carpet Plant</td>
<td>3 ft.</td>
<td>A charming trailing succulent plant, with Verbena-like heads of fragrant flowers, of bright rose with white center; it delights in a dry, poor soil and sunny situations on rockwork</td>
<td>1/2 oz. 20c 05</td>
<td></td>
</tr>
<tr>
<td>126</td>
<td>ACOCCINUM Roseum</td>
<td>2 ft.</td>
<td>A pretty Everlasting, bearing graceful daisy-like flowers, pretty bright rose with yellow center, which, when cut in the bud state, can be dried and used for winter bouquets</td>
<td>1/2 oz. 20c 05</td>
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<tr>
<td>127</td>
<td>Roseum Flore Pleno</td>
<td>Double pink</td>
<td>1/4 oz. 10c 05</td>
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<td></td>
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<tr>
<td>128</td>
<td>Roseum Albo Pleno</td>
<td>Double white</td>
<td>1/4 oz. 10c 05</td>
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<td></td>
</tr>
<tr>
<td>129</td>
<td>Roseum Single Mixed</td>
<td>1/4 oz. 10c 05</td>
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<tr>
<td>130</td>
<td>Roseum Double Mixed</td>
<td>1/4 oz. 10c 05</td>
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<tr>
<td>131</td>
<td>AGAPANTHUS Umbellatus</td>
<td>1 ft.</td>
<td>Bright blue flowers produced in clusters on long stems</td>
<td>1/2 oz. 10c 05</td>
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<tr>
<td>132</td>
<td>AGERATUM—Continued</td>
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<tr>
<td>133</td>
<td>Mexicanum Coeruleum</td>
<td>15 in.</td>
<td>Beautiful soft lavender-blue, of free branching habit</td>
<td>1/4 oz. 10c 05</td>
<td></td>
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<tr>
<td>134</td>
<td>Album. White.</td>
<td></td>
<td></td>
<td>1/4 oz. 10c 05</td>
<td></td>
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<tr>
<td>135</td>
<td>Mixed.</td>
<td></td>
<td></td>
<td>1/4 oz. 10c 05</td>
<td></td>
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<tr>
<td>136</td>
<td>Nanum, Blue Perfection</td>
<td>9 in.</td>
<td>The darkest Ageratum grown from seed</td>
<td>10c 05</td>
<td></td>
</tr>
<tr>
<td>137</td>
<td>Nanum Luteum</td>
<td>9 in.</td>
<td>Dwarf yellow</td>
<td>10c 05</td>
<td></td>
</tr>
<tr>
<td>138</td>
<td>ALONSOA Warscewiczii</td>
<td>15 in.</td>
<td>A fine plant with bright vermilion-scarlet flowers, suitable for bedding. For a red, white and blue border plant Alonsoa for red, sweet Alyssum for white and Ageratum Blue Perfection for blue</td>
<td>1/4 oz. 10c 05</td>
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</tbody>
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**Alyssum**

- **Allysum Compactum Lilacinum**, Lilac Carpet Plant. Distinct variety with delicate lavender flowers. Very dwarf. 10c 05
Antirrhinum (Snapdragon) ☉

For gorgeous coloring few flowers can match Snapdragons. The flowers of this new strain are of very large size, are very fragrant and are produced on immense long spikes, which render them extremely well adapted for cut-flowers. They are easily raised from seed in any sunny bed. If intended for winter flowering inside, cut back in September.

Tall Giant Flowering 24 to 36 inches

241 Queen Victoria. White 246 Apple Blossom. A charming pink shade on a white ground, with a white throat.
244 Delicata. Delicate rose, with white throat. 250 Brilliant Scarlet.
245 Rose Queen. Brilliant 252 Maximum, Purple King. rose pink. 253 Garnet.

Any of above Pkt., 10c; any 3 for 25c; each ½ oz., 25c.

Semi-Tall Sorts 18 to 20 inches

Are particularly good for bedding, as they require no staking. The flowers are most wonderful, in many new shades and tints.

256 Bonfire. Orange or flame color. It has the tints of 263 Canary Bird. A beautiful shade of light lemon yellow.
257 Black Prince. Dark crimson.
258 Aurora. Cinnabar scarlet 264a Mauve Queen. Rose mauve.
259 Diana. Rose pink with 264b Rose Dore. A pretty self salmon rose, shaded gold.
260 Crimson Queen. 264c The Fawn. A delightful blend of terra-cotta pink and pale yellow, soft and pleasing.
261 Golden Queen. Rich yellow.

Any of above, pkt., 10c; any 3 pkts. for 25c. Pkt.

265 Silver Pink. Delicate rosy pink, seemingly covered with a silver sheen. ½ oz., 40c; $0.15
266 Semi Tall Sorts Mixed. ¼ oz., 20c 05

270 Vaughan’s Special Mixture of Snapdragons, includes all these and many other charming varieties and a packet will furnish you with a never ending color combination of long stemmed cut flowers suitable for home, church or hospital decoration. 1 oz., $1.25; ½ oz., 40c; ¼ oz., 25c; pkt., 15c.

Tom Thumb Varieties 8 inches

TheseSnapdragons grow about 8 inches in height, are splendidly suited for edgings and pot plants.

271 Pink. ........................................................................ $0 10
272 Snow Queen. Splendid for pots and edging. Beautiful white flowers all summer. .................. ½ oz., 25c 10
273 Fireball. The color is the most brilliant scarlet, and produce a fine flower as though left on the plant. ½ oz., 40c; pkt., 10c.
274 Tom Thumb Mixed. ........................................................................ ½ oz., 15c 05

Amaranthus ☉

Brilliantly foliaged annuals, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants, among shrubs, or for the centers of large beds. Do not grow them too closely together, but give them sufficient room to develop their full beauty. When flowered in small pots under glass they are very charming.

170 Atro-purpureus 4 ft. Beautiful dark purple flowers ........ $0 05
171 Caudatus (Lovelies bleeding) 3 ft. Drooping red spikes. 10
172 Cruentus (Prince’s Feather) 3 ft. Dark red featherly flowers .......................................................... ¼ oz., 25c 10
173 Salicifolius (Fountain Plant) 3 ft. Willow-leaved. Graceful red and yellow foliage of drooping habit ....... 10
175 Tricolor (Joseph’s Coat) 2½ ft. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold.............. ¼ oz., 15c 05
176 Tricolor Splendens. Flowers exceedingly bright. ¼ oz., 25c 10
180 Fine Mixed. Many others................................. 1 oz., 25c 05
181 Vaughan’s Special Mixture. A well balanced mixture of the above and others. ¼ oz., 25c......................... 10

194 AMMOMBIUM Alatum Grandiflorum ☉ 2½ ft. This pretty white Everlasting should be in every garden. Grows also in sandy soil. ........................................ ¼ oz., 25c 10
200 ANAGALLIS Grandiflora Mixed ☉ 6 in. Lovely dwarf plants, exceedingly effective as edgings, also charming on rockwork and in pots........... ½ oz., 25c 10
201 ANCHUSA Capensis (Summer Forget-me-not). 1 ft. A beautiful border plant producing branched heads of flowers resembling large Forget-me-not, deep sky-blue with white eye. If sown in April will be in bloom by July 10
240 ANTIGNONON Leptopus (Mexican Mountain Rose) § Handsome summer-blooming green house climber, requiring abundance of light. In the South it blooms freely in the open. Flowers beautiful rose-pink........ 10

If very hard-shelled seeds it will be found a good plan to steep them in tepid water for some hours, previous to sowing, as this will hasten their germination.
384 ASPARAGUS Plumosus Nanus (Lace Fern) 3 ft. Pkt. The bright green sprays surpass the Maiden-hair Fern in grace and delicacy of texture. The hard seeds need soaking and bottom heat to sprout them. 10 seeds... $0.15

386 Sprengeri (Emerald Feather) A very elegant foliage plant for hanging baskets, etc.; the minute flowers, which are produced in pretty racemes, are of a rose color with orange anthers. 10 seeds... 15

389 ASPHODEL Azalea Setosa 1 ft. Pretty sweet-scented annual with light blue flowers... $0.15

BEGONIA. (See Gypsophila)

660 BALLOON VINE (Love-in-a-Puff) § A clean, free-growing vine reaching 10 to 15 feet, bearing dense clusters of beautiful scarlet flowers. A very pretty variety, densely covered with flower clusters, suitable for summer bedding. Seedlings of winter bloom in summer, while seedlings of spring bloom in summer. Pkt. 50c

661 BALSAM APPLE O 1 ft. A very ornamental and quick growing climber. While it has a flower, it is grown mostly for the effect of the fruit which follows. This is yellow, looks not unlike an apple—hence its name. When ripe it opens and shows the seeds and blood-red interior... oz. 30c 10

662 PEAR. Like above, only the fruit is pear-shaped. oz. 30c 10

663 BALSAM, Apple and Pear Mixed... oz. 30c 10

Double Balsam (Lady Slipper) 1½ to 2 ft. An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion. Balsams like the hot sun, rich soil and plenty of water. For perfect development of the plants should be set out from 12 to 18 inches apart. Transplanting two or three times has the tendency to dwarf the plants into better shape and to make the flowers more double.

675 Alba Perfecta. Pure white. 681 Crimson Spotted.
676 Lemon Yellow. 682 The King. Brilliant scarlet.
677 Flaming Pink. 683 Atrosanguinea Plena. The flowers more double.
678 The Queen. Pale rose. Flowers and leaves, red.
680 Crimson... 685 Lilac. 686 Dark Blue

Dwarf Balsams Mixed 8 in. Perfect little bushes with double and semi-double flowers, the colors are pretty and pleasing... ¾ oz. 25c 05

682 Coath White 4 ft. Remarkable for its immense height and extreme doubleness. Excellent for large and striking flower groups... ¼ oz. 30c 10

693 Goliath Scarlet. Extremely brilliant, large and very double... ¼ oz. 30c 10

695 Giant Chamois Rose. A most pleasing color, new... 10

Begonia—Continued § 8 to 10 in. Tuberous-rooted Begonias

For brilliancy of color, duration and profusion of bloom, few plants can compare with the tuberous-rooted begonias offered. For greenhouse decoration and for summer bedding they are unequalled. Seedlings raised in heat early in spring will flower the same summer.

707 Single Tuberous-Rooted Mixed. Saved from finest exhibition varieties, all having large well-formed flowers and many brilliant shades of color... $0.35

708 Double Tuberous-Rooted Mixed. Producing on strong erect stems an abundance of very double flowers ranging from brilliant rose to carmine, often with white margin or mottling, very striking... 50

709 Frilled Tuberous-Rooted. Seed saved from selected, best frilled flowers... 35

Bellis Perennis Fl. Pl. § English Daisy. 6 to 8 in. A low growing spring flowering plant. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years if left undisturbed.

720 Snowball. Double pure white... ¾ oz. 50c $0.10
721 Longfellow. Double dark pink... ¾ oz. 50c 10
722 Double Choice Mixture... ¼ oz. 40c 10
723 Mammoth White. Larger than Snowball... 15
724 Mammoth Pink. Larger than Longfellow... 15
725 Mammoth Mixed... 15
726 Red, Double... 20
727 Giant Red, Double... 20
728 Red, Double. Frilled... 20
729 Rosy White, Double. Frilled... 20
Bird of Paradise. (See Poinciana)

Brachycome (Swan River Daisy) § 12 in. A free-flowering, dwarf-growing annual; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture.

737 White... 739 Blue 740 Mixed Pkt.

744 BRIZA Maxima. (Quaking Grass), O 12 in. Valuable for winter bouquets and wreaths. The seed clusters are heart shaped and gracefully poised on such slender stems that they are almost constantly in motion... 10

Burning Bush. (See Kochia)
During the late summer and early fall the garden is usually a riot of reds and yellows, so the asters in their dainty and distinct colors as well as their many attractive forms are a pleasing addition. The long stems make them desirable for cut flowers and the blooms last long in water. It should be remembered however, in regard to asters that good culture is essential in order to obtain an abundance of fine flowers.

**VAUGHAN'S**

**Semi-Tall Section.** 11 in. to 16 in.

**Daybreak (Improved American Victoria)**

The Daybreak class forms strong bushy plants of very even growth. The full round flowers grow on strong, stiff upright stems. Extremely valuable for bedding. 1/4 oz., 35c; 1/3 oz., 25c; pkt. $0.10

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color</th>
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</thead>
<tbody>
<tr>
<td>410 Purity</td>
<td>Pure white</td>
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<tr>
<td>414 Blue</td>
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<tr>
<td>415 Lavender</td>
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<tr>
<td>431 White</td>
<td></td>
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<tr>
<td>437 Crimson</td>
<td></td>
</tr>
<tr>
<td>438 Queen of Spain</td>
<td>Light Blue</td>
</tr>
<tr>
<td>439 Shell Pink to flesh</td>
<td></td>
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<tr>
<td>440 Lavender</td>
<td></td>
</tr>
<tr>
<td>441 Dark Blue</td>
<td></td>
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<tr>
<td>442 Mixed, all colors</td>
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</tbody>
</table>

**Giant Comet**

This giant class is an improvement on the old and inferior Comet class, not only in bearing much larger flowers, but the petals are longer and broader. 3 oz., 40c; 1 oz., 15c; pkt. 10c

<table>
<thead>
<tr>
<th>Variety</th>
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<tr>
<td>431 White</td>
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<tr>
<td>442 Mixed, all colors</td>
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**The Mikado**

Petals are narrow, very long and gracefully reflexed. The outer petals show to their fullest extent. Of graceful spreading habit. 1 oz., 30c; 1/2 oz., 15c; pkt. 10c

<table>
<thead>
<tr>
<th>Variety</th>
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<tbody>
<tr>
<td>490 White</td>
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<tr>
<td>491 Lavender</td>
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<td>492 Purple</td>
<td></td>
</tr>
<tr>
<td>493 Dark Blue</td>
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<tr>
<td>494 Mixed, all colors</td>
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</tbody>
</table>

**Queen of the Market**

The best early aster, usually in full bloom two weeks before most other sorts begin to blossom. Of graceful spreading habit. 1/4 oz., 40c; 1/3 oz., 25c; pkt. 10c

<table>
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<tr>
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<tbody>
<tr>
<td>490 White</td>
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<tr>
<td>491 Lavender</td>
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<tr>
<td>492 Purple</td>
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</tr>
<tr>
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<tr>
<td>494 Mixed, all colors</td>
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</tbody>
</table>

**Tall Section** 16 inches and up

**Giant Crego**

The most beautiful of the newer types of American Branching Asters. They unite the elegant grace of the European Comet with the robust vigor and long stems of the American branching varieties. The flowers are of immense size, usually measuring from four to five inches in diameter, and borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. The petals of the refined and beautiful flowers are most attractively curled and twisted, resembling choice Japanese Chrysanthemums. The plants are of strong branching growth and usually attain a height of from two to two and one-half feet. The delightful flowers are borne in abundance from late August until the end of September. 1 oz., 30c; 1/2 oz., 15c; pkt. 10c

<table>
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<tr>
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<td>520 Scarlet</td>
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<tr>
<td>522 Purple</td>
<td></td>
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<tr>
<td>523 Mixed, all colors</td>
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</tbody>
</table>

**Crown**

Large flowered variety, each bloom of which has a clear white center. It is wonderfully attractive. 1/4 oz., 35c; 1/3 oz. 25c; pkt. 10c

<table>
<thead>
<tr>
<th>Variety</th>
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<tr>
<td>524 Rose</td>
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<tr>
<td>525 Dark Rose</td>
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<tr>
<td>528 Light Blue</td>
<td></td>
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<tr>
<td>530 Mixed, all colors</td>
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</table>

**Vaughan's Excelsior Mixture of Dwarf Asters**

525 Many of our customers find it difficult to choose among the strains of all dwarf asters, and where exact heights are not required we recommend planting our Excelsior Mixture. It is comprised of the most distinct and desirable colors of the different classes of dwarf asters, and many others not listed especially selected for this mixture, insuring satisfaction to the grower. 1/4 oz., 50c; large pkt. 25c; pkt. 15c
Our Asters are, with few exceptions, American grown. The culture of these glorious summer and fall flowers has absorbed the attention of the American seed growers for some years past and it has been proved our climate is ideal for the perfect growth of this family. With the great growth habit, large size the seedman has been encouraged to make selections of various characteristics which distinguish these types and now the American Asters resemble huge hothouse grown Chrysanthemums. We offer a leaflet on the culture of Asters which is supplied free if asked for at the time of ordering.

### ASTERS

#### Tall Section 16 inches and up continued

**Vaughan’s Giant Branching**

Beautiful asters for cut-flowers. Quite different in several respects from any other aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long, stiff stems, and the colors clear and handsome.

- 540 White
- 541 Peachblossom
- 542 Flesh Pink
- 543 Rose Pink
- 545 Crimson
  - Each of the above oz. $1.50 ¼ oz. 25c $0 10
- 549 Mixed, all colors oz. 1.20 ¼ oz. 20c 10

**Vaughan’s Giant Ostrich Feather**

The finest type of the Giant Comet, or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut-flowers par excellence.

- 563 White
- 565 Soft Pink
- 566 Lavender
  - Each of the above ½ oz. 30c 10
- 571 Mixed, all colors ½ oz. 25c 10
- 572 Early Flowering Giant Ostrich Feather, White
- 573 Early Flowering Giant Ostrich Feather, Rose
  - Each of the above 10

**Soleil D’or**

- 574 Golden Sun. This is the best yellow Aster. The flowers are of good size, they are borne on long stems; the color is a pleasing light yellow 15

**The King**

The habit is similar to the popular 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 entirely distinct from any other aster known. The branching habit is accompanied with great vigor of growth and profusion of bloom. The flowers are very large, very double, borne on long, stiff stems, and the colors clear and handsome.

- 575 White
- 576 Soft Pink
- 577 Rose
- 578 Crimson
- 579 Violet
- 581 Mixed, all colors ½ oz. 25c 10

**The Royal (Early Flowering Branching)**

A new class of American aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-shoots from the main stem like other varieties. A medium early bloomer.

- 583 White
- 584 Shell Pink
- 585 Lavender
  - Each of the above ¼ oz. 25c 10

**American Asterium**

An attractive and descriptive name for a new race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 30 inches long, each carrying a flower of perfect form.

- 591 Snow White
- 592 Rose Pink
- 593 Lavender
  - Each of the above ¼ oz. 30c 10

### Other New American Varieties

- 595 Lavender Gem. One of the most charming sorts. The flowers are of a true lavender shade and the petals are gracefully curled and twisted, and the blooms are borne on long firm stems 1½ oz. 30c 15
- 600 Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink. First flowers appear about the middle of August, but the plant is at its zenith about four weeks later. 15

**Vaughan’s Excelsior Mixture of Tall Asters**

625 This is a mixture of the most beautiful, striking and distinct colors of all the tall growing asters. Selected from the cream of the tall varieties and others especially purchased for this mixture. This is the finest mixture of Tall Asters in existence and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain 1½ oz. 50c; large pkt. 25c; pkt. 15c

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**Other New American Varieties—Continued**

- 601 Crimson Giant. This shade has been one which has seemed Pt. to lack intensity of color, but in this variety the blood-red blossom is particularly bright and the extreme doubleness of its flowers make a bed of them a mass of oriental splendor in a garden. 10
- 602 White Perfection. A fine new midseason Aster of tall, upright growth, carrying about twelve large long-stemmed pure white double flowers about four inches in diameter, of perfect form, the broad, slightly folded petals being arranged in circular rows, like some Dahlia, and the flower a lively cardinal red. The flowers are wonderfully attractive in the garden and when cut and used under artificial light the effect is charming. 15

**Mixtures in Variety**

- 611 White Asters In Mixture. Composed of all the tall growing white sorts. ½ oz. 25c 10
- 620 Asters, Tall Mixture. Many classes and colors. If one has a large space where the cultivation of flowers is for cut-flowers only, we would suggest a liberal planting of this mixture of Asters, and while the newer kinds, such as our Excelsior mixture contains, are lacking, still many charming varieties are included in this, and the flowers will be in succession from early in the summer to late in the fall. 1 oz. 75c; ½ oz. 25c 10
- 621 Asters, Dwarf Mixture. This is a mixture of many varieties of dwarf sorts and where a large mixed bed of asters is desired this will answer the purpose nicely. ½ oz. 25c 10

**Single Marguerite Aster**

Plants strong, vigorous and of handsome pyramidal habit, very free blooming, and produce their beautiful flowers on long slender stems. The flowers are from 2 to 3 inches in diameter, with small yellow centers, and last a week when cut.

- 622 White
- 624a Lavender
- 626 Mauve
  - Each of above. 10
- 627 Marethal Joffre. A large flowered single red; excellent for cutting. 15
- 628 Mix.d, all colors 10
CALLIOPSIS (Tickseed) 6 in. to 2 ft.

Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers which are greatly prized for bouquets and vases. They will thrive anywhere, even in city gardens, where their bright colors are highly appreciated.

730 Crown of Gold (Coronata Maxima.) Splendid cut-pkt. flower. Pure golden yellow, 2 to 3 inches across, on long wiry stems; hardy and blooms nearly all season... $0.10

731 Golden Ray 6 to 8 in. Flowers golden yellow with dark purplish-brown center. 10

732 Drummondii, Golden Wave 2 ft. Flowers yellow with a circle of rich crimson-brown around the eye... 10

733 Hybrida Superba. Forms dense bushes desirable for pots, groups and borders. 10

734 Radiata Tigrinia (Tiger Flower) 6 to 8 in. Flowers large reddish-brown, turning golden-yellow. 25c

738 Tall Varieties, Mixed. Valuable for wild gardens, etc., and for cutting. 10c

739 Dwarf Varieties, Mixed. Valuable for small mixed beds and borders. 10c

740 Double Mixed, all colors. 10c

741 Vaughan’s Special Mixture Calliopsis. This is the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it. 30c

801 CALLIRHOE Involucrata, 9 to 12 in. Flowers crimson, purple, cherry, red or paler. 10

Candytuft

These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edging they are admirably adapted, while for cutting, the flowers are greatly prized.

845 Giant Hyacinth-Flowered White. 1 ft. A grand border Pkt. plant, bearing very large bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. 25c

846 Empress. Pure white, splendid cut flower. 25c

850 Queen of Italy. 8 in. The plants form dwarf bushes covered with large pink blooms. 25c

851 Snowflake. The very sweetest of all. 25c

852 Umbellata Carminia. Carmine. 20c

854 Umbellata Purpurea. Crimson. 20c

855 Umbellata Rose Cardinal. Brilliant deep rosy-red; one of the most effective for bedding. 25c

856 Umbellata Lilacina. Lilac. A particularly charming color. 25c

857 Dwarf Hybrids Mixed. Plants of fine compact growth, covered with large flowers ranging in color from rose, salmon, coral pink and delicate blush, to lilac and purple crimson; valuable for borders and cutting. 25c

860 Mixed, all colors. 10c
CARNATION—Vaughan's Special Mixture

Canna (2½ to 8 ft.)

Enormous brilliant clusters of bloom borne on spikes above broad leaves of green or bronze, in tropical effect. No park, no public garden, private estate, or even moderate town plot is complete without a showing of Cannas. These are usually planted from roots or started plants, but they can be successfully grown from seed if planted early. The seed should be placed in one spot with a file and soaked in lukewarm water for 24 hours before sowing. A splendor of plants may be produced at a much reduced cost.

900 Giant Flowered, Mixed. These are saved from our own Pkt. collection at Western Springs.... 1 oz., 35c; ½ oz. 20c $0 10

Cardinal Climber (25 ft.)

901 This is a very attractive, strong and rapid grower, attaining a height of twenty-five feet with beautiful form-like lustrous foliage and literally covered with a blaze of fiery cardinal red flowers from midsummer to frost. The flowers are about 1 inch in diameter and are borne in clusters five to seven blooms each. Like all Ipomoeas it delights in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about May 1st. 1/2 pkts., 25c; 5 pkts., 50c. 25 seeds, 15

Vaughan's Mixture of Annual Flower Seeds

For Cut Flowers

902 This will produce a glorious amount of flowers for cutting. We would suggest planting this in rows in the vegetable garden where the plants may be cultivated and the blossoms kept out close so the production of flowers will be encouraged as the more one cuts the more one has to cut. The secret being not to allow any seed pods to form. ½ oz. 20c; oz., 50c. large pkt. 10

Carnations (2)

The Carnation has long been prized as a hardy border flower, and it certainly deserves all the praise lavished upon it. Being hardy, free-flowering, and easily grown either in flower-beds, borders, or pots, it is one of the most valuable and beautiful of our summer flowers and a favorite with everyone. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred.

910 Chabaud Mixed. A remarkable strain raised by a Carnation specialist in southern France. Blooms in 5 months after being sown, and continue to flower indefinitely in the greatest perfection. 100 seeds 15

911 American Hybrids. A valuable race of large-flowered carnations, bearing their handsome blooms on long wiry stems for a long time in succession. 35 seeds 25

914 Marie Chabaud. Pure canary yellow. 50 seeds 15

920 Guillaud Riviera Market. Nearly all double flowers of fine form and delicate shades, including yellow, all fragrant. 25

930 Giant Margaret Mixed. Flowers of very large size, measuring 3 in. or more in diameter; colors include all the shades of white, pink, crimson and striped. Upright growth requiring hardly any support. 100 seeds 15

931 Giant Margaret White. 50 seeds $0 15

950 Margaret, Double Mixed. 954 Yellow 938 Striped

952 White. 951

975 Vaughan's Special Mixture. This is a mixture of the best strains. The plants will bloom the first summer and will produce many flowers equal to the best of the Carnation. They may be lifted in Sept., potted and will bloom all winter in the house. 100 seeds 25

Celosia (Coxcomb) (8 in.)

Cristata or Crested Dwarf Sorts

Very popular annuals of easy culture, producing large, ornamental, comb-like headlike ruffled chenille. Priced for pots or summer flower beds.

1010 President Thiers. Fine dwarf habit, with bronzey Pkt. foliage, and large handsome velvety crimson combs.... 30 10

1014 Empress. Blood-red combs and brown foliage. 10

1016 Aurea. Golden yellow combs... 1/2 oz. 75c 10

1018 Rosea. Pink combs... 1/2 oz. 75c 10

1019 Dwarf Mixed. All the above and others... 1/4 oz. 100c 10

1021 Tall Coxcomb Mixed, 18 to 24 in.... 1/2 oz. 20c 10

Plumosa or Plumed Varieties, 2½ to 3 ft.

These stately plants are considered among the most ornamental, and should not be omitted in any garden. They generally form pyramidal bushes branching out in candelabra shape, and the numerous massive plumes which resemble ostrich feathers, wave gracefully above the foliage.

1022 Plumosa Aurea. Orange ostrich plume... 1/2 oz. 25c 10

1024 Plumosa Coccinea. Crimson ostrich plume... 1/2 oz. 25c 10

1025 Plumosa mixed, all colors... 1/2 oz. 15c 10

1026 Plumosa Thompsonii Magnifica. A choice strain of the Ostrich Plume Celosia... 1/4 oz. 25c 10

1027 Pride of Castle Gould. Plants grow compact and pyramidal and produce immense flower heads, resembling willow plumes in many remarkable shades. 25

1028 The Chinese Woolflower (Celosia Childsi). Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous lateral branches with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way until hit by frost; but all continue to expand and glow with a deepening richness of color, a dark crimson-scarlet. 25

1029 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... 15

1030 Dwarf Plumosa Mixed... 10
CENTAUREA Cyanus—Bachelor’s Button

1039 CENTAUREA Americana. 3 ft. A splendid native Pkt. variety; bears immense thistle-like blooms of rose lavender color. ½ oz. 40c $0.10

1040 Americana Alba. 2½ ft. Star Thistle. Immense heads of double fluffy blooms, almost pure white.... ½ oz. 50c $0.10

Centaurea Cyanus (Bachelor’s Button) 2 ft.

Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty. Re-seeds itself and may be used for naturalizing purposes.

Single Flowering Varieties

1041 White ½ oz. 35c 1043 Dark Purple 1042 Blue Emperor ½ oz. 20c; lb. $4.00 1044 Rose Each of the above, packet 10c.

1045 Mixed, all colors ½ oz. 15c; ¼ lb. 75c $0.50

Double Flowering Varieties

1046 White 1047 Blue. 1048 Pink Shades

1048a Purple Each of the above, oz. 60c; ¼ oz. 20c

1049 Double Mixed ½ oz. 25c 1050 Dwarf Victoria. 9 in. Edging, blue..... 10

1051 Vaughan’s Special Mixture of Bachelor’s Buttons, double and single varieties. 1 oz. 60c.

Imperialis (Giant Sweet Sultan), 2½ ft.

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet scented, artistic shaped flowers are borne on long strong stems; when cut will last for several days in good condition.

1064 White. 1065 Lilacina. Dark Lilac.

1066 Favorita. Brilliant Rose 1067 Splendens. Purple crimson

1068 Rose and White. 1068a Deep Lavender

1069 Mixed, all colors ½ oz. 15c

1070 Moschat Mixed. Sweet Sultan, white, red and blue.... 1071 Suaveolens. Yellow Sweet Sultan. ½ oz. 30c

1072 Vaughan’s Special Mixture of Centaureas is composed of all the annual Centaureas, and a packet will produce the loveliest cut flowers all summer.... ½ oz. 40c

1073 CENTAUREA Candidissima. 10 in. Thick silvery white leaves, used for bedding purposes.

1074 CENTAUREA Gymnocarpa Dusty Miller 1 ft. Foliage finely cut of silvery gray color, used for bedding.... 10

1075 CENTROSEMA Grandiflora Butterfly Pea. 8 in. to 10 ft. Sometimes called “Look at me” a hardy vine, blooms in July from seeds sown in April, bears in profusion, inverted pea-shaped flowers; rosy violet to reddish purple in color

Chrysanthemum, Annual Var. 2½ ft.

Showy and effective family of plants of varied character extensively grown for cut flowers.

Single Flowering Varieties

1088 Morning Star. Primrose with golden yellow center... 05

1089 Evening Star. Large golden yellow flower.... ¼ oz. 15c

CLARKIA—Double

CENTAUREA—Imperialis Giant Sweet Sultan

Chrysanthemum, Single Flowering—Continued.

1090 Carinatum, Eclipse. Yellow with dark brown disk.. $0.05

1091 Burridgeanum. Very beautiful flowers, banded with crimson, white and yellow.... 15c

1092 Golden Feather. Foliage striking yellow; flower with a crimson ring near center.. ¼ oz. 15c

1093 The Sultan. Crimson maroon. ¼ oz. 15c

1094 Northern Star. Flowers pure white with a zone of clear bright yellow overlaid with silver.... ¼ oz. 15c

1095a Mixed, Single Annual Varieties 10

Double Flowering Varieties

The coronarium varieties are dwarf selected strains of compact habit and with fine double flowers. They are most valuable border and bedding plants, and provide large quantities of cut bloom during the summer.

1096 Coronarium, Double White 1097 Double Golden Yellow 1098 Double Sulphur Yellow

1098a Pumila, Luteum Golden Ball. 1½ in. Forming compact plants smothered in bright yellow flowers, a fine bedder.... 105

1099b Tricolor, Atro-coccineum, pl. Double red..... 10

1099 Double Mixed ½ oz. 15c 10

The Dunneti varieties are of upright growth, producing flowers two inches across.

1100 Dunnetti, Double White 1101 Double Yellow 1102 Inodorum Plenissimum, Bridal Robe. 10 in. Double pure white flowers...

1103a Tricolor, Atro-coccineum, pl. 10

1104 Very beautiful flowers, banded with rose, crimson and yellow...

1105 Fourfold. 10c

1106a Tricolor, Atro-coccineum, pl. Double red.... 10

1107a Tricolor, Atro-coccineum, pl. Double white.... 10

1108 The following are valuable for winter-flowering in pots.

1109 Vaughan’s Special Mixture of Double Chrysanthemums. All the above and others.... ¼ oz., 25c

1110 Vaughan’s Special Mixture of Annual Chrysanthemums. Single and double sorts in finest mixture including many new varieties not catalogued above.... ½ oz. 25c

The following are valuable for winter-flowering in pots.

1111 Very beautiful flowers, banded with rose, crimson and yellow...

1112 Frutescens. Paris daisy or Marguerite. Large white star-shaped flowers.... ½ oz. 15c

1113 Chinese and Japanese Varieties Mixed. If the seed is sown in February or March, and properly treated, the plants will bloom profusely next fall.... 100 seeds

Cineraria 18 in.

As decorative and ornamental plants for winter decoration the Cinerarias take a foremost place, and their handsome flowers may be enjoyed by any one possessing an ordinary greenhouse where frost is excluded.

1120 Vaughan’s Columbian Mixture. This is a mixture of the finest strains; the flowers are very large, from 7 to 9 inches in circumference, brilliant colors...

1121 Hybrida, Good Mixed..... 10

1122 Radiata Polyantha. 2 to 3 ft. The small starry flowers are borne in profusion in loose panicles in many pleasing shades of crimson, rose blush, white, azure and violet...

1123 Maritima, Diamond. For edging, silvery foliage.... 10
Clarkia ○ 2 ft.
Clarkias are popular summer annuals, all perfectly hardy, and can be grown with the utmost ease in ordinary soil. They flower profusely, and are exceedingly bright and attractive, especially in large masses.

1124 Apple Blossom. Double flowers, apple-blossom pink $0 10
1125 Brilliant. Double flowers, produced on long spikes, of a brilliant salmon-scarlet 3 4 oz. 30c 10
1126 Chamois. 1127 Flesh. Double flesh pink, each 10
1128 Queen Mary. Lovely rose carmine, very bright color. 10
1129 Salmon Pink. Double salmon. 10
1130 Scarlet Queen. The flowers are a double orange salmon and develop to a glowing orange-scarlet 3 1/4 oz. 25c 10
1132 White Prince. Very double, pure white 3 1/2 oz. 30c 10
1133 Double and Single Mixed. 1 1/2 oz. 50c 05
1134 Vaughan's Special Mixture. Made up especially from the above named varieties. Be sure and include this in your order 15
1135 CLEOME Pungens (Spider Wort) ○ 5 ft. A showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. 3 1/2 oz. 25c 10
1136 CLIANTHUS Dampieri (Glory Pea of Australia) ○ 2½ ft. Clusters of bright red flowers with black spot, 15 seeds 25 10
1137 COBAEA Scandens Cathedral Bells ○ § 30 ft. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edge-wise. A very vigorous and prolific bloomer. 4 oz. 15c 10
1138 Flore Albo. White 3 1/4 oz. 30c 10
1139 Mixed. White and blue 10
1140 COCCINEA Indica ○ § A remarkably pretty annual climber; luxuriant Ivy-like foliage; small flowers followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white. 3 1/2 oz. 25c 10
1148 COIX Lacrymae (Job's Tears) ○ 2 to 4 ft. The seed is frequently used as an old-fashioned remedy for sore throat, goiter and teething babies. It is strung on a linen thread and worn around the neck as a chain. 1 lb. 60c; ½ lb. 20c; 1 oz. 5c 10
1150 COLEUS, Vaughan's Mammoth Rainbow Mixture 2 ft. The handsomest foliage plant obtained from seed. The leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich

1153 Fine Mixed 10
1154 COLLINSIA Mixed ○ 18 in. All species are brightly colored and excellent for growing in clumps. Blooms early and prefers a dry situation. 1 oz. 25c 05

COBAEA Scandens
CONVOLVULUS (Morning Glory)
COSMOS EARLY FLOWERING MAMMOTH

1156 COMMELINA Sellowiana ○ 1 ft. Plants are of Pkt. graceful trailing habit, superb for carpet bedding or for hanging baskets. In pots it blooms every day in the year. It is not sensitive and can be grown in a greenhouse, even to the ends of its season. It is of great value for filling gaps in the border or for trailing over walls. 3 4 oz. 50c $0 10

Convolvulus (Morning Glory) ○ §

Major—Tall Varieties
The Morning Glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright colored, delicately tinted flowers.

1160 White 1162 Crimson 1164 Dark Blue
1161 Rose 1163 Striped 1165 Lilac

One packet each of above, 6 for 20c. Each of the above, 1 oz. 20c 05

1166 Mixed, all colors... 1 lb. 80c; ½ lb. 25c; 1 oz. 10c 05
1168 Double Mixed. The flowers are double and semi-double and some are fringed... 3 1/4 oz. 30c 10
1169 Double Snow Fairy. The main charm lies in the purity and the quaintness of its blossoms which are pure white and curiously formed, really a flower within a flower... 3 1/2 oz. 35c 10

Minor—Dwarf or Bush Varieties 1 ft.
Are very showy and beautiful hardy annual for flower beds and borders, also rock work; they bloom for a long period and delight in sun.

1171 Blue.. 1172 Rose Queen... Each 1 oz. 20c 05
1173 Mixed, all colors ...1 lb. $1.00; 1 oz. 15c 05
1174 COSMIDUM Orange Crown ○ 2 ft. The flowers are golden-yellow with a broad circle of a rich orange around the disk, a pleasing combination. Plants produce a succession of bloom all summer.... 10

Cosmos ○ 4 to 6 ft.
This beautiful annual is one of the most showy and useful of our garden plants. Plants are very bushy and compact. Flowers large on long delicate stems and are similar to single Dahlias. Foliage very finely cut.

Early Flowering Mammoth
These are the only kind we would recommend planting north of the latitude of Middle Illinois, as the late, or Giant flowered varieties are nearly always caught by early frost. We have dropped the ordinary Early Flowering varieties which produce small flowers and now offer only these Mammoth Early Flowering sorts.

1180 White... 1181 Pink... 1182 Crimson... Each 10
1185 Early Flowering Mammoth Mixed, all col's... 3 1/4 oz. 20c 10

Late or Giant Flowered
For sowing south of the latitude of Middle Illinois.

1187 Crimson Ray. The petals are narrow and fluted, and separated in star-like form and of the most brilliant crimson color overlaid with a velvet sheen... 10
1188 Crimson... 3 1/2 oz. 15c 05
1189 White Lady Lenox... 3 1/2 oz. 15c 10
1190 Pink Lady Lenox... 3 1/2 oz. 25c 10
1195 Giant Mixed.. 1 oz. 25c; ½ oz. 15c 05
1196 Klondyke. A gorgeous orange-yellow flower with very handsome foliage more coarsely laciniated than others... 10

For New Double Sorts see the Novelty pages.
Cyclamen (Alpine Violet) 1 ft.

Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience.

Dahlia 2' 4 ft. — Growing Dahlias from Seed

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March and give them a little care and patience; they will succeed with a smaller trouble than if the tubers had been used instead of seed.

Cypress Vine 1 ft.

For training upon a light ornamental trellis the Cypress Vine cannot be excelled. It has a profusion of scarlet or white star-shaped blossoms, and sturdy little plants. Plant them in a shallow box or pan early in March and give them a little care and patience; they will succeed with a smaller trouble than if the tubers had been used instead of seed.

Datura (Angel’s Trumpet) 3 ft.

Handsome plants for subtropical bedding in summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny sheltered position. Make grand pot plants for the greenhouse.

Dianthus (Garden Pinks) 1 ft.

A popular annual variety known to nearly all. The flowers are distinguished for their brilliant, contrasting variety of colors appearing in each flower. The stripes and spots make the clusters stand out distinctly.

Dianthus—Vaughan’s Special Single

1202 CUPHEA Platycentra (Cigar Plant) 10 in. " Small Pkt. scarlet and black tubular flowers; dark green foliage... 80 20
1203 Purpurea 10

1238 Double Cactus Flowered Mixed. With twisted and curled petals. 1 oz., 60c; 3 oz., 20c 05
1239 Double Best Mixed. Saved from show and fancy sorts. 25
1240 Vaughan’s Special Mixture. This mixture contains seeds from the best collections in America and Europe and embraces all the various strains of double-flowering Dahlias, such as Show, Pompon, Liliput and Cactus varieties, also the single flowering and striped sorts... 60 seeds 25
1241 DAISIES, see Bellis, Agatha, Arctotis, Brachycome, Chrysanthemum Maximum and Fritseum, Dimorphotheca and Pyrethrum Roseum.

Dianthus—Vaughan’s Special Double

Datura (Angel’s Trumpet) 3 ft.

Handsome plants for subtropical bedding in summer, having large trumpet-shaped fragrant flowers. They should be given a light soil and a sunny sheltered position. Make grand pot plants for the greenhouse.

Cornucopia (Horn of Plenty). Immense flowers, triplicate in form, like three cones, one within the Pkt. other, color rich violet, with white interior... 1/2 oz. 30c 10
1236 Golden Queen. Very large double bright yellow flowers, a fine pot plant... 1/2 oz. 20c 10
1244 Double White 1/2 oz. 15c 05
1245 Double Fine Mixed 1/2 oz. 15c 05

Delphinium (Annual Larkspur)

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and Branching varieties bloom a little later than the Stock-flowered. Now seed in the open border either in early spring or late fall so germination may take place very early in the spring.

Stock-Flowered

Lustrous Carmine (Newport Pink) 1/2 oz. 15c 05
1262 Flesh Color... 1/2 oz. 30c 05
1263 Deep Lavender 1265 Dark Blue Each of the above... 1/2 oz. 25c; 1 oz. 50c 05
1264 White 1/2 oz. 25c 10
1265 Mixed, all colors. 1/2 oz. 25c 10
1266 Giant Hyacinth-Flowered Mixed 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors... 1/2 oz. 15c; 1 oz. 50c 05
1267 Dwarf Rocket Mixed 1 ft. 1/4 oz. 10c 05
1281 Emperor Mixed. Produces an abundance of long, slender spikes in the most delicate colors... 1/4 oz. 10c 05
1285 Vaughan’s Special Mixture, Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously... 1 oz., $1.00; 1/2 oz. 30c 10

See novelty pages for new varieties.

Dianthus—Vaughan’s Special Single

1286 Crimson Belle. Large handsome flowers, crimson... 80 20
1287 Eastern Queen. Large and beautiful flowers, marbled rose and white... 1/2 oz. 20c 05
1288 Salmon Queen. Salmon scarlet... 1/2 oz. 20c 05
1290 Mephisto. Salmon margined dark brown... 1/2 oz. 20c 05
1291 The Bride. White with purple center... 1/2 oz. 25c 10
1292 Vesuvius. Bright geranium red... 1/2 oz. 25c 10
1293 Chinese Single Mixed... 1/2 oz. 15c 05
1294 Japan Single Mixed. Great range of colors... 1/2 oz. 20c 05

Dianthus—Vaughan’s Special Double

Corylus (Umbrella Plant)
Dolanthus (Pinks) Single Flowering—Continued

**Diolum (Foxglove)** see Perennial Pages.

**Euphorbia Variegata (Snow on the Mountain)**

**Escholtzia (California Poppy)**

The State flower of California. A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain.

1415 *Alba.* Paper white........................................... 05
1416 *Californica.* Large pale yellow, 1/2 lb. 60c; 1 oz. 20c 05
1418 *Carmine King.* Beautiful carmine rose color, both on the interior and exterior of the flower ............................................................ 10
1421 *Dainty Queen.* Color tender blush or pale coral pink, deeper towards the ground with a ground of delicate crimson 10
1422 *Golden West.* Flowers bright yellow and orange, penciled and blotched............................... 1/4 lb. 80c; 1/4 oz. 20c 05
1424 *Mandarin.* Inner side of the petals rich orange, the outer side brilliant scarlet................................. 1/4 oz. 20c 05
1425 *Maritima.* Canary yellow with orange center........... 05
1427 *Rose Cardinal.* Flowers pretty dark rose, inside blush 10
1429 *Mixed, all colors.* Many shades......................... 1/4 lb. 50c; 1 oz. 20c 05
1430 *VAUGHAN'S SPECIAL MIXTURE.* This mixture includes all the varieties here catalogued of the double and single sorts and is the best complete mixture of these charming annuals in existence. See also novelties.......................... 0z. 75c; 1/4 oz. 40c 10
1432 *Eucalyptus Globulus (Blue Gum).* Admirable for sub-tropical bedding or greenhouse decoration................. 10

**Euphorbia** 1 ft.

Strong growing annuals, for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

1436 *Heterophylla (Mexican Fire Plant).* Annual poinsettia resembling in habit and color the beautiful hothouse poinsettia. About mid-summer the center top leaves of each branch turn a vivid orange scarlet............ 1/4 oz. 15c 10
1437 *Variegata (Snow on the Mountain or Mountain Spurge).* 2 ft. Remarkably distinct plant; very showy with its foliage edged white and green.............................. 10
1438 *Everlastings.* Mixed 1 to 2 ft. 1/4 oz. 15c 10
1439 *Eucalyptus affinis.* Greenhouse plant 1 to 2 ft. high with numerous bluish blue flowers with yellow stamens of a very delicate fragrance. When sown in March or April, blooms from August or September until late in season. Excellent for basket use and may be used like a primula or a begonia................. 50
Freesias

These are well known for their delightful fragrance. Seeds should be sown in flats and transplanted after the bulb has formed. Will bloom the first year from seed. Pkt.

1441 Refracta Alba. White.......................... $0 05
1442 Colored Hybrids. Very attractive because of their unique colorings and shadings.................. 15

FORGET-ME-NOT.—See Myosotis.

FOUR O’CLOCK.—See Mirabilis.

1446 FUCHSIA Hybridia (Ladies’ Eardrop), Double and Single Mixed  1 to 4 ft. Well known greenhouse plant, blooms from seed first year if planted early......... 20

Gaillardia (Blanket Flower)  1 ½ ft.

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain.

1447 Amblyodon. Flowers deep red........................................... 10
1448 Picta Single Mixed ....................................................... 1/4 oz. 15c 05
1450 Lorenziana Double Perfection Mixed. Large handsome heads of double quilled flowers in rich shades of red and yellow......................................................... 1/4 oz. 20c 05
1462 GAURA Lindheimeri  3 ft. A graceful plant bearing numerous spikes of rosy white flowers from July until frost 10

Geranium  1 to 2 ft.

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed, and there is always the chance of thus securing something new.

1465 Zonale Varieties. Saved from a choice collection........ 10
1466 Large Flowering, Newest Varieties Mixed .......... 50 seeds 15
1467 Apple-scented. Leaves fragrant........................................... 25 seeds 10
1468 Lady Washington (Odier). Large flowering, beautifully blotched................................................................. 15 seeds 25

1469 GERBERA Jamesoni Hybrids.  The flowers bear long graceful petals with small eye. This strain comprises a great variety of pleasing shades... 25 seeds 25
1469a GLADIOLUS, Many Varieties Mixed. Can be grown to produce flowers first year if sown early and will make splendid bulbs for second year blooming...... 10
1470 GILIA Mixed  1 ft. Exceedingly graceful early flowers and valuable for bees. Charming in the flower border and for cutting in spring and summer........... 1/4 oz. 20c 05
1471 Capitata.  2 feet. Erest habit, plants one foot in diameter; flowers lavender blue. The blossom is like a small seainosa and should prove a good cut flower........... 10

Gloxinias. Vaughan’s International Mixture  12 in. Magnificent house blooming plants, with handsome bell-shaped flowers in the diversity of the richest colors........ 25

1473 Fine Mixture................................................................. 10

Godeitia  1 ½ ft.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

1474 Duchess of Albany. Pure white.
1477 Lady Satin Rose. Bright carmine.
1475 Gloriosa. Deep blood-red.
1476 The Bride. White and red.
1480 Double Rose. Fiery rose.
1481 Double Mixed. Pkt. Each of the above................................ 1/4 oz., 25c. $0 10

1479 Many Sorts and Colors Mixed............................................. 1/4 oz. 25c 05
1482 Dwarf Sorts Mixed. Neat globular, about 10 in. in height............................ 1/4 oz. 25c 10

Godetia (Globe Amaranth)

A showy annual everlasting with clover-like heads.

Each of the above................................. 10

1486 Mixed, all colors................................................................. 1/4 oz. 15c 05

Gourds  8  20 ft.

These are desirable in many places where an immense amount of vine is wanted quickly. Most sorts are good for 20 to 30 feet in a season and the blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children, while the larger gourds may be used as dippers, sugar troughs and bowls.

1487 Apple-shaped. Beautifully striped................................. 05
1488 Bottle. The original Thermos bottle. Used by the pilgrims in the orient............................................. 05
1489 Calabash or Pipe Gourd. Odd-shaped fruit which is used to an advantage in making pipes................................. 10
1490 Dipper. Makes an excellent dipper........................................ 10
1491 Dishcloth or Towel. Many women prefer a dishcloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left................................. 05
1492 Hercules Club. Fruit grows 3 to 4 ft. long................................. 05
1493 Gooseberry. Gooseberry-shaped fruit................................. 10
1494 Japanese Nest Egg. Fruit looks exactly like a hen’s egg and may be used as nest eggs................................. 05
1495 Knob Kerrie. To the ball-like base is attached a slender handle or stem, 2 to 3 feet in length. While developing they are deep green in color, changing as they mature to a richly mottled yellow................................. 10
1496 Orange. The well known Mock Orange................................. 05
1498 Ornamental Pomegranate or Queen’s Sweet Pocket melon. Fruit deliciously perfumed and may be carried in the pocket or laid among linens................................. 05
1500 Pear Shaped. Striped yellow and green................................. 05
1502 Sugar Trough. Thick shells, very durable................................. 05
1504 Spoon. Small ball-shaped fruit with slender necks, deep orange. By slicing off a part of the side of the bowl a satisfactory spoon may be made................................. 10
1505 Turk’s Turban. Odd brightly colored fruit................................. 05
1506 Small Fruited Varieties Mixed ............................................. 1 oz. 25c; 1/2 oz. 20c 05
1510 Mixed, all varieties................................................................. 1 oz. 20c 05
1515 **GRASSES—Ornamental Mixed** 2 to 5 ft. These are Pkt. most useful for winter bouquets when combined with Everlasting flowers. They are easily grown in any soil. $0.10
Grasses, Ornamental, see Agrostis Nebulosa, Briza Maxima; Coix Laehrymae, Cypres Alternifolius; Pennisetum Longisetum; Pennisetum Purpeliatum; Zea Japonica.

1520 **GREVILLEA Robusta** (Silk Oak) 1 to 5 ft. It is easy to manage, grows rapidly from seed, and is pretty in all stages of growth; with its long drooping silky foliage it reminds one of a palm or fern.

**Gypsophila** 2 ft.
Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases.

1522 **Elegans Grandiflora Alba** (Angel’s Breath.) This is an improved, large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply.

1523 **Elegans Carminea**

1524 **Elegans Rosea**. Soft pink

1525 **Muralis.** 6 in. A lovely little rock or edging plant with rose-pink flowers.

**Helianthus (Sunflower)**

These comprise plants of majestic growth and immense showy flowers, suitable for shrubbery, woodlands, wild gardens and subtropical gardening; the dwarfer kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.

**Large Flowered Tall**

1526 **Annuus Purpureus**, Gaillardia-flowered or Red Sunflower. 4 to 8 ft. Some flowers of a rich chestnut-red color, others tipped with yellow and others slightly washed with red. The flowers vary from a few inches to nearly a foot in diameter, and are of good form, usually having a small disc, and often two rows of long, slightly curled rays.

1527 **Argyrophyllus.** 4 ft. Handsome silvery foliage, single bright yellow flowers enhanced by a black disk, perfect pyramidal growth. A specimen plant will attain the size of a Christmas tree, the flowers having the effect of candles.

1528 **Californicus Pl.** 5 ft. Double dark yellow. 1 oz. 10c

1529 **Chrysanthemum Flowered Double.** 6 ft. Golden yellow flowers.

1530 **Double Mixed.**

1531 **Globosus Fistulosus Pl.** 6 ft. Double globe or dahlia sunflower. Flowers a rich saffron color.

1532 **Primrose Queen Double.** 5 to 6 ft. Large numbers of medium-sized pale sulphur yellow flowers are produced on short straight stems.

1533 **Nanus Flore Pleno.** 2½ ft. Double dwarf, beautiful for mounding in beds.

1534 **Russian Mammoth.** Single, of gigantic dimensions. For larger amounts see Farm seed pages.

**Helichrysum (Straw-Flower)**

1547 **HELIANTHUS—Continued**

**Miniature-Flowered Sunflowers**

The following varieties of Helianthus cucumerifolius form spreading bushes with small graceful foliage and bear a multitude of small elegantly formed flowers, which are borne for a long time in succession, and are invaluable as cut flowers.

1535 **Cucumerifolius.** The first introduction of these Pkt. charming small sunflowers, flowers rich golden yellow with brown black center.

1535a **Diadem.** Light lemon.

1536 **Stella.** Large golden yellow petals, small dark center.

1537 **Orion.** Petals rolled resembling Single Cactus Dahlia.

1538 **Purpureus.** Flowers shades of red and yellow.

1539 **Double Hybrids.** Double and semi-double flowers.

1540 **Liliput, Baby Sunflower.** 6 to 8 in. The plants are of a somewhat creeping growth, similar to those of Verbenas. Flowers are single, bright yellow, dark disc.

1541 **Vaughan’s Special Mixture.** Includes all the above of *Cucumerifolius* varieties.

1542 **Vaughan’s Special Mixture of all the single and double sunflowers.**

**Helichrysum (Strawflower)** 2 to 3 ft.

Helichrysums are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases, and for durable bouquets. Flowers intended for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place.

1546 **Silver Ball.** White.

1547 **Fire Ball.** Red. Salmon Pink.

1548 **Golden Ball.** Yellow.

1549 **Violet Queen.** Carmine rose.

Each of the above, pkt., 10c.

1552 **Mixed, all colors.**

1553 **Vaughan’s Special Mixture.** This mixture of Helichrysum is an improved large-flowered strain containing many new and exquisite shades.

1555 **Mammoth Mixed.** Flowers of great size and ranging in shade from dark blue to lilac.

1556 **Liliput, Baby Sunflower.**

**Heliotrope** 2 ft.

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom flowering equally well as bedding plants in summer, or as pot plants in the house during the Winter. Seed sown in the Spring makes fine plants for bedding out, and are as easily grown as Verbenas.

1555 **Mammoth Mixed.** Flowers of great size and ranging in shade from dark blue to lilac.

1556 **King of the Blacks.** Deep purple, almost black.

1560 **Fine Mixed.**
VAUGHAN’S JAPANESE MORNING GLORIES

Hollyhocks (Annual) 5 ft.
The perennial varieties flower only the second year if grown from seed, these annual kinds, however, bloom the first year, and if sown in the open ground in May, they will be in flower in August. They are continuously covered with large flowers in many beautiful colors.

1571 Everblooming Single Mixed. Large single flowers, exhibiting every shade known in Hollyhocks. 1/4 oz. 25c $0.10
1575 Everblooming Double Mixed. Double and semi-double. (For other Hollyhocks see Perennial List).

Humulus Japonicus (Japanese Hop) 80 ft.
Rapid summer climber; the foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought, and insects do not trouble it.

1580 Green Leaved
1582 Variegated Leaved. The large handsome leaves are beautifully variegated, white, green and yellow. 1/4 oz. 15c $0.05

HUNNEMANNIA Fumariaefolia (Bush Escholtzia) 1 1/2 ft.
The plants grow into a shrubby bush and produce their large cup-shaped flowers 3 in. across on stems 12 in. long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. O., 60c; 1/4 oz. 20c $0.10

HYACINTH BEAN. See Dolichos.

ICE PLANT (Mesembryanthemum Crystallinum) 6 in. Foliage very ornamental, being covered with ice-like globules, and prized for garnishing; a valuable plant for dry sunny situations on banks, rockwork, old walls and ruins, etc., also for sunny borders. 1/4 oz. 15c $0.05

Impatiens (Zanzibar Balsam) 1 1/2 ft.
One of the prettiest plants for pot culture and also for outdoor planting in a half-shaded situation. Remarkable for its long duration of bloom. It is very charming for winter blooming.

1600 Holstii. Of rapid and vigorous growth, and producing large flowers of a brilliant salmon-scarlet.
1602 Holstii Hybrids. They range in color from pink through the red shades to purplish violet.
1610 IONOPSISDIUM Acaule (Violet Cress) 3 in. A lovely miniature rapid-growing and early-flowering plant, forming dense tufts of foliage smothered in tiny pale lilac flowers. 1/2 oz. 30c $0.10

Ipomoea—Continued
1620 Mexican Grandiflora, Giant Pink. Soft lilac pink flowers. 1/4 oz. 30c $0.10
1622 Imperialis (Japanese Morning Glory) Fine Mixed. The Japanese Morning Glory requires a warm situation to do well. The south side of a wall or building where the plants are protected from the north and west winds will mostly be found beneficial for these vines. 1 lb. $1.00; 1/4 lb. 35c; 2 oz. 25c; 1 oz. 15c; 1/2 oz. 10c.

1625 Vaughan’s Special Mixture, Japanese Morning Glories. The colors run from snow white through all possible shades of blue and red from palest pink to darkest reds and purples. Flowers are streaked, mottled and bordered in wonderful fashion. The leaves are also very handsome; ivy-like and heart-shaped, some are rich green, while others are streaked and marbled with white or yellow. 1/2 lb. $1.00; 1 oz. 30c; 1/2 oz. 20c.

1627 Learnii. Satiny blue with crimson bars. A good greenhouse climber.
1630 Rochester. Flowers 4 to 5 in. across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edges. 1/2 oz. 30c.
1632 Rubro-Coerulea (Heavenly Blue). Deep azure blue flowers delicately shaded to white towards the center.
1633 Early Flowering Rubra Coerulea. Sky blue.
1635 Setosa (Brazilian Morning Glory). The thick stems and leaf stalks are covered with reddish brown hairs. The deeply lobed leaves are about nine inches across; flowers about two inches in diameter, of delicate texture, tinted pink with a five pointed star of satiny pink and are followed by curious seed pods.

JOB’S TEARS. See Coix Lachrymae.
KUDZU VINE. See Pueraria.

KOCARIA The New Giant (Summer Cypress, Burning Bush) 2 1/2 ft. This beautiful annual bush has rapidly come into prominence. It grows 2 to 2 1/2 feet high and resembles a close clipped ornamental evergreen. The globe-shaped or pyramidal bushes are close and compact, and of a pleasing light green color. The plant may be grown singly or in the form of a hedge or background. In early Autumn the whole bush becomes tinted pink with a five pointed star of satiny pink and are followed by curious seed pods.

LANTANA Hybrids. Mixed 2 ft. Shrubby plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer. They have an agreeable aromatic perfume.

Dwarf Hybrids. Mixed.
Lavatera ⊙ 2½ ft.

The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable. Pkt.
1654 Splendens Alba. Very large silky pure white flowers. 10 oz. 30c 05
1655 Splendens Rosea. Very large bright rose flowers. 10 oz. 25c 05
1657 LAYIA Elegans (Tidy Tips). 3 oz. 10c 05
1658 LEPTOSYNE Stillmani. 1½ oz. One of the quickest annuals, blooming within five weeks from date of sowing, and the golden-yellow flowers continue in perfection for a long period. Excellent for cutting. 10 oz. 20c 05
1659 Maritima. 3 ft. Large lemon-yellow Marguerite-like flowers on long stalks. 10 oz. 25c 05
1665 LINUM Grandiflorum Rubrum (Crimson Flax) 2 ft. One of the most brilliantly colored of summer annuals, flowers glowing crimson-rose, very beautiful in beds and borders, and may be had in bloom from May to October by successive sowing. 1 oz. 30c 05

Lobelia Erinus Compacta ⊙

This charming class forms compact little bushes about 6 inches high and are fairly sheeted with bloom throughout the season. Highly desirable for edging, ribbon bedding and garden decoration as well as for pot culture.
1675 Bedding Queen. Dwarfest, best for ribbon bedding. Flowers deep purplish violet with clear white eye. 10 oz. 25c 05
1676 Crystal Palace Compacta. Deepest blue, dark foliage. 10 oz. 25c 05
1677 Emperor William. Clear sky blue with green foliage. 10 oz. 25c 05
1681 Pumila Rosea. Dwarf pink. 10 oz. 25c 05
1683 Speciosa. True dark blue, dark foliage. 10 oz. 25c 05
1684 Sapphire. Large, deep blue flowers with a pure white eye which occupies one-third of the corolla. 15 oz. 40c 05
1685 Mixed colors. 1½ oz. 15c 05

Lupinus ⊙ 2 ft.

Free flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade.
1699 Hartwegii White. Pure white flowers. ½ oz. 25c 05
1700 Hartwegii, Oxford Blue. Dark blue. 10 oz. 30c 05
1701 Hartwegii, Cambridge Blue. Light blue. 10 oz. 30c 05
1702 Hartwegii Roseus. Rose colored flowers. 10 oz. 30c 05
1703 Hybridus Roseus. A charming rose pink flower. 10 oz. 30c 05
1704 Hybridus Atro-coccineus. Large spikes of scarlet white-tipped flowers. 10 oz. 30c 05
1705 Tall Annual Varieties Mixed. 1 oz. 30c 05
1706 Dwarf Annual Varieties Mixed. 1 oz. 30c 05
(See also Perennials).

MARIGOLD—Double Tall African

MALOPE (Mallow-wort) ⊙ 2 ft. Showy plants for large mixed flower and shrubbery borders. The flowers are large and handsome. Pkt.
1708 Grandiflora Alba. Large white flowers. ½ oz. 25c 05 10
1709 Rosea. Flowers large, blush, shaded pink towards center. 10 oz. 25c 05 10

Marigold (Tagetes) ⊙

In late summer, when many bedding plants are past their prime, Marigolds afford a wealth of color that is simply invaluable. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. The Single French and the Dwarf Single French Marigolds hold the chief place in the class.

Double Tall African Varieties 5 ft.
1722 Eldorado. Extremely large and imbricated double flowers in yellow shades. ½ oz. 20c 05
1723 Lemon Queen. ¾ oz. 20c 05
1724 Orange Queen. ¾ oz. 20c 05
1725 Tall African Mixed. Large double flowers. ½ oz. 25c 05
1726 Tall French Mixed. Large bushes covered with a multitude of small double flowers. ½ oz. 25c 05
1727 Vaughan's Special Mixture Tall Marigolds. This mixture includes several varieties which we purchased especially for this mixture. A packet will give you flowers of enormous size in a wondrous assortment of color in shades of yellow, cream, orange, rusty brown, old gold, etc. ½ oz. 20c 05
1727a Tall French Striped. Flowers have a yellow ground, with rich brown markings. 10 oz. 25c 05

Double Dwarf African

1728 Mixed (Pride of the Garden) 15 in. Immense golden yellow flowers, compact dwarf habit, forming dense bushes. ½ oz. 25c 05

Dwarf French Double Sorts 10 in.
1731 Gold Striped. Velvety maroon, striped gold. ½ oz. 20c 05
1732 Dwarf French Double Mixed. Low bushes covered with small flowers. 1 oz. 55c; ½ oz. 20c 05
1735 Vaughan's Special Mixture of Dwarf Marigolds, Double and Single varieties. These dwarf compact strains are very attractive, each plant being covered with hundreds of small bright flowers. ½ oz. 20c 05

Single Dwarf Varieties
1736 Gilt Edge. Velvet maroon, edged with yellow. 10 oz. 25c 05
1737 Golden Star. Flowers have golden yellow petals with purple red streaks radiating from the center. 10 oz. 25c 05
1738 Legion of Honor. Flowers rich golden yellow, marked with velvety brown, best for edging. ½ oz. 20c 05
1747 Silver King. Light sulphur-yellow with brown spots. 10 oz. 25c 05
1748 Signata Pumila. A dwarf, compact, bushy plant, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden-yellow. ½ oz. 20c 05

MARVEL OF PERU. See Mirabilis.
1749 MATRICARIA Capensis (Feverfew).  3 ft. Neat, pkt. small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climates, but in our latitude are treated best as annuals. $0.10

1750 Eximia, Golden Ball.  1 ft. Of compact habit, suitable for edging, with very striking double yellow flowers $0.10

1751 MATTHiola Bicornis (Evening-scented Stock.)  1 ft. Curious white pearl. 10 oz. 25c; 1/4 oz. 15c

1752 MAURANDIA Mixed  10 in. Slender grower and abundant bloomer very desirable for greenhouse and garden. $0.10

1753 MELOTHRIA Punctata  10 ft. (Musk Vine). Blooms in clusters, flowers small, white and star shape. The flowers are large, sky blue, with clearly defined white eye. $0.15

Mignonette (Reseda)  6 to 12 in.

Mignonette—Vaughn's Giant Machet

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Mignonette (Reseda)  6 to 12 in.

No garden is complete without this fragrant plant of unsurpassing merit. One of the principal uses is for cutting purposes and combining with other more pretentious blossoms without its delicate odor.

1755 Bismarck. The red flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious 1/4 oz. 20c

1757 Golden Queen. Yellow 0.05

1758 Goliath. Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 in. long by 2 in. in diameter. 1/4 oz. 20c

1760 Grandiflora. Large flowered. 1/4 lb. 50c; 1 oz. 20c

1761 Giant White Spiral. Flowers silvery-white. 1/4 oz. 15c

1762 Machet. It is the best Mignonette for all purposes either outside or inside. It is an ever-bloomer; the flowers lasting until late in the fall 1/4 oz. 25c

1764 Pyramidal Large-Flowering. Tall-growing variety. 10 oz.

1765 White Pearl 10 oz.

1770 Mixed. Many shades and types. 1 oz. 25c; 1/4 oz. 15c

1772 MIMOSA Pudica (Sensitive Plant)  1 ft. Curious and interesting, pinkish-white flowers; the leaves close and droop when touched or shaken 10 oz.

1773 MIMULUS Moschatus (Musk Plant)  3 ft. Neat, pkt. small, double white flowers, well adapted for bedding and cutting. They are perennials in mild climates, but in our latitude are treated best as annuals. $0.10


1775 Tigrinus Fl. Pl. (Double Monkey Flower) mixed 10 oz.

1776 MINA Lobata  12 ft. A climber of luxurious growth with tube-shaped flowers, produced in greatest profusion. In color they are particularly attractive, the buds being first bright red, but changing through orange yellow to creamy white when fully expanded 10 oz.

MORNUNG GLORY. See Convolvulus and Ipomoea.

MOURNING BRIDE. See Scabiosa.

Mirabilis 2 ft.

(Marvel of Peru or Four O'Clocks)

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Some varieties combine two or more of these colors in spots, flurries and splashes in such a manner as to give the flowers a most bizarre effect.

1780 Mixed, all sorts and colors 1/4 lb. 40c; 1 oz. 15c

1784 Dwarf Mixed. 12 in. 1 oz. 20c

1785 Sweet-Scented (Longiflora Alba). White. 1 oz. 30c

1786 USA Ensete (Banana Plant).  6 ft. A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. The seeds must be started in hot-bed or on bottom heat in greenhouse 10 oz.

MUSK PLANT. See Mimulus.

Myosotis—Forget-Me-Not 5/1 to 1 ft.

They are considered among the best spring flowers and grouped with Pansies and Daisies as the most lovely combinations may be obtained. The tall varieties are of trailing habit and adapted to covering large patches, which they transform into a sea of blue. Responds to good treatment and floribunda in a bed or border, and should be sown out of doors in spring, where they are intended to flower.

1787 Alpestris Blue. Trailing habit. 1/2 oz. 15c

1788 Alba. White 1/2 oz. 15c

1789 Rosea. Pink 1/2 oz. 15c

1790 Eliza Fonrobert. Flowers large, sky blue, with clearly defined white eye 1/2 oz. 20c

1791 Victoria. The flowers are large bright azure blue, with yellow centers. The plants form neat bushes completely covered with flowers. Best for edging. 1/2 oz. 15c

1792 Mixed 1/2 oz. 15c

1793 Ruth Fisher. It is of particularly neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. 1/2 oz. 15c

1794 Star of Love. Distinct variety with large, beautiful blue flowers. 1/2 oz. 15c

1795 Vaughan's Early and Late Flowering. The flowers are borne on long, stiff stems. The blossoms are the most exquisite sky blue with a delicate white center. Plants may be in bloom at any time of the year 1/2 oz.

Nemophila (Baby Eyes) 6 in.

Free blooming dwarf bushes for pot culture and open borders. Sow in spring under glass, and transplant; or sow out of doors in May, in patches, where they are intended to flower.

1800 Large Flowered Mixed. 1 ft. Is the finest strain of this most popular size and height. The individual flowers are borne on long, stiff stems. The blossoms are of surpassing beauty, the blue shades being particularly attractive 1 oz. 40c; 1/4 oz. 15c

1810 Blue Gem. One of the best blue annuals for bedding. 7 inches 1 oz. 15c

1820 Scarlet 1 oz. 15c

1830 Orange 1 oz. 15c

Hardest of annuals, and of the easiest culture. Makes a very effective front row to a bed or border, and should be sown out of doors in spring, in patches, where they are to flower.

1916 Insignis Blue. A popular plant for pots or borders 1 oz. 15c

1919 Mixed, all colors. Cup-shaped flowers in many bright colors, the blue shades being particularly attractive 1/2 oz. 15c

Nemophila (Baby Eyes) 6 in.
DWARF NASTURTIUMS

They are suitable for bedding and edging, grow quickly and furnish the greatest abundance of long lasting, sweet-scented cut flowers. Sometimes it is desirable, when carrying out a color scheme to use but one variety of Dwarf Nasturtium for an edging. Empress of India is particularly good when used in this way as the dark leaved plants are of an even height and the flowers are in rich velvety red.

Green and Dark Leaved Varieties

2305  Aurora.  Chrome yellow blotched crimson.
2306  Beauty.  Scarlet splashed canary.
2307  Bronze.  Burnt bronze color, dark leaved.
2308  Chameleon.  Is unique in bearing flowers of quite distinct coloring on one and the same plant.
2309  Crystal Palace Gem.  Sulphur spotted maroon.
2310  David Burpee.  Velvety purple-scarlet flowers, foliage wavy emerald green.
2311  Empress of India.  Very dark leaves, crimson flowers.
2312  Golden King.  Pure golden yellow.
2313  King of Tom Thumbs.  Intense deep scarlet dark foliage.
2314  King Theodore.  Velvety red flowers, dark foliage.
2315  Laciniatium Mixed.  The flowers are deeply laciniated and appear in many attractive colors.
2316  Lady Bird.  Orange, striped bright scarlet.
2318  Pearl.  Creamy white.
2319  Prince Henry.  Yellow marbled with scarlet.
2321  Ruby King.  Ruby red, dark leaved.
2322  Scarlet.  Dark scarlet.
2323  Vesuvius.  Salmon, dark leaved.
2324  Yellow.

Fancy and Variegated Leaved Varieties—Continued.

2328  Queen of Tom Thumbs, Mixed.  Pkt.
2329  Spencer, Mixed.  The curly foliage is very unique and the flowers appear in many bright colors.

Price, each of above: 34 lb. 50c.; oz. 15c; $0 05.

Fancy and Variegated Leaved Varieties

2325  Golden Cloth.  The foliage is of bright yellow, while the flowers are intense scarlet.
2326  Ivy Leaved Mixed.  Deep green leaves of distinctive ivy form. The flowers are beautifully fringed at the edge of the petals and at the throat.

Price, each of above: Pkt. 5c; oz. 15c; 1/4 lb. 50c.

ONE OUNCE of Nasturtium will plant a bed 20 feet in diameter and will make a better display for three months than almost any other plant.

2335  Vaughan’s Special Mixture of Dwarf Nasturtiums.  Dwarf Nasturtiums are most admirably adapted to beds and borders. Vaughan’s Special Mixture of Dwarf Nasturtiums will give a larger variety of colors in even proportions than any other Nasturtium mixture, for it is put up by ourselves from named sorts, and also contains a large share of the Liliput Nasturtium and of the dwarf Chameleon which have the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers. 1 lb. $1.50; 1/4 lb. 45c; 1 oz. 15c; pkt. 10c.

Nicotiana (Sweet Scented Tobacco Plant.) 2 ft.

One of the easiest annuals to raise and one of the most effective. The blossoms in shape are not unlike a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume.

1932  NIGELLA Mixed. (Love-in-the-Mist) 1 1/2 ft. A Pkt. compact, free-flowering plant with finely cut foliage, curious looking seed pods; of easy culture, growing in any garden soil. Blue and white mixed. 1 oz. 50c 10

1934  Miss Jekyll.  A lovely variety, bearing on long stems large deep blue flowers. Very effective if planted with Escholtzias. 1/2 oz. 25c 10

1936  NOLANA Mixed  Pretty trailing plant, useful for edging or rock work. 10

1937  NYCTERINIA Capensis  Charming little plants for pots, edgings, and rock work. White with maroon, delightfully fragrant, flowers opening at night. 1/2 oz. 25c 10

1950  OEONOTHERA (Evening Primrose).  Mixed. 1 1/2 to 2 ft. Neat plants, with large, saucer-shaped flowers, white or golden yellow; open at dusk; emit a delightful perfume. 1/4 oz. 15c 10

What are you going to do with your backyard this summer? Let it remain a forbidding desolate looking place? Or, by investing a few dollars and a little effort, raise flowers which will brighten it up and make it healthful as well as beautiful?
TALL NASTURTIUMS

Few plants are so useful or rich in color as the Nasturtiums. They surpass the Geranium and Calceolaria in brilliancy of color and profusion of bloom; they should be given a dry poor soil, as on a rich or manured ground they are inclined to run to leaf. Where such is the case, lime rubbish should be mixed with the soil. The sorts we enumerate are the most decorative and beautiful of all.

Lobb’s Nasturtiums 6 ft.

This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb higher and bloom brilliantly.

2356 Black Prince. Velvety black flowers, dark foliage.
2357 Blushing Beauty. Ivy leaved. Flowers soft yellow, spotted with terra cotta.
2358 Cardinal. Scarlet flowers, dark foliage.
2359 Firefly. Foliage rich and dark, flowers rosy salmon underlaid with bright golden yellow.
2360 Flamingo. Magnificent laciniate flowers; bright orange.
2361 Giant of Battles. Sulphur with red.
2362 Golden Queen. Pure golden orange.
2363 King of the Blacks. Black-red, dark leaves.
2364 Napoleon III. Golden yellow spotted with brown.
2365 Princess Victoria Louise. Flowers cream-white with orange-scarlet blotches, the calyx and spur being of a pure orange-red.
2366 Queen Emma. Variegated leaves, deep scarlet flowers.
2367 Queen of the Morning. Variegated leaves, flowers aurora colored.
2368 Virchow (Rose Queen). The best pink.

Price, each of the above..............oz. 15c; pkt. 5c
2369 LOBB’S MIXED. The strongest growing, attaining the greatest height . . . . . . . . . . . . . 1 lb. $1.10; ½ lb. 35c; 1 oz. 15c $0.05
2370 TALL MIXED, all sorts . . . . . . . . . . . . . . . . . 1 lb. $1.00; ½ lb. 30c; 1 oz. 10c 05
2371 COLLECTION No. 3 TALL NASTURTIUMS, TEN VARIETIES. Our choice (ten packets) . . 1 pkt. of each, 35c
2372 COLLECTION No. 4 TALL NASTURTIUMS, EIGHT VARIETIES. Our choice (eight ounces) . . 1 oz. of each, 50c

Ivy-Leaved Nasturtiums

All with fine fimbriated petals. Colors intense and very striking. Foliage also very beautiful, like Ivy, and vines exceedingly graceful. For the garden they are superb, but for window culture they are very fine.

2373 Ivy-leaved Tall Mixed. Climbing

Price, each of the above, pkt. 5c; oz. 15c

Green and Dark-Leaved Varieties

2338 Chameleon. Is unique in bearing flowers of quite distinct coloring on one and the same plant.
2339 Dunnett’s Orange (Sunlight). Bright orange flowers.
2341 Fordhook Fashion. Terra cotta on yellow ground, dark leaved.
2342 Heinemannii. Chocolate color, odd.
2343 Hemisphericum. Orange.
2344 Jupiter. Large, rich golden yellow flowers.
2345 King Theodore. Rich deep crimson flowers; dark leaves.
2346 Pearl (Moonlight). Creamy white.
2347 Prince Henry. Light yellow, marbled scarlet.

Price, each of the above, pkt. 5c; oz. 15c

Special Offer 2380 Vaughan’s Special Mixture of Tall Nasturtiums. We call especial attention to this mixture. In it will be found the choicest colors of all the tall Nasturtiums, the rich, velvety Lobb’s varieties, Canary Bird Creper and the new variegated-leaved varieties. 1 lb. $1.50; ½ lb. 40c; 1 oz. 15c

Special Offer 2390 1 oz. each Nasturtium, Vaughan’s Special Tall and Dwarf Mixture, 25c.

2385 Southern Beauty. A beautiful vine for greenhouse and window. Few effects are more charming than the Blue Passion Flower covering a greenhouse wall with its rich green foliage and sky-blue flowers, followed later by an abundance of handsome fruit .... $0 10
2388 Perilla Nankinensis. Blue and white

2590 PENNISITUM Longistylum □ 2½ ft. An Abyssinian Pkt. grass with long feathery bearded bristles. . . . ½ oz. 30c $0 10
2595 Rueppelianum. The spikes are longer and more graceful. Used to border canna beds. . . . ½ oz. 20c 10
2596 PERILLA Nankinensis □ 1½ ft. Valuable foliage plant resembling Coleus, dark mulberry-colored leaves. Seed germinates slowly... 05

2597
Vaughan's Pansies

2500 Adonis. Light blue with white center. Pkt. $0.15
2501 Auricula Colors. Metallic shades. 15
2502 Azure Blue. A beautiful shade of sky-blue. 15
2503 Beaconsfield. Upper petals light lavender, lower ones a deep rich purple. 1/2 oz. 50c 15
2504 Boulogne Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5 blotched, delicately veined, rich colors. 100 seeds... 50
2505 Bugnot. Shades of red, bronze and reddish cardinal. 20
2506 Cassiers 3 and 5 Blotched Mixed. Mostly light shades with dark blotches. 1/2 oz. 60c 20
2507 Coal Black. A jet black of truly giant size. 15
2507a Colossa Venosa. Light, veined shades, large flowers. 20
2508 Emperor Francis Joseph. Pure white, large blotch of brilliant violet blue on each petal. 20
2508a Emperor William. Dark navy blue. 1/2 oz. 50c 15
2508b Fiery Faces. Yellow and red. 15
2509 Mad. Perret. Lovely shades of pink and rose. 1/2 oz. 50c 15
2510 Marechal Niel. Delicate pleasing, cream color. 15
2511 Masterpiece (New Giant Curled or Spencer Pansies) The petals are crimped and curled so the flowers appear double. 1/2 oz. 70c 25
2512 Orchid Flowered, Andromeda. Delicate apple-blossom 20
2513 Almond Blossom. Delicate rose. 20
2515 Mammoth. An odd combination of light greenish yellow ground, with deep purple blotches. 20
2517 Orchid Flowered Mixed. Rare light shades, large frilled flowers, very attractive. 15
2518 Paris Market. An improved strain of Trimardeau, with better flowers and more compact habit. 1/4 oz. 40c 10
2519 Pink. Finest shades of pink, same as Hydrangea, 1/2 oz. 50c $0.15
2520 President McKinley. Five blotted yellow. 15
2521 Purple. Very large, rich deep purple. 15
2522 Prince Bismarck. Light brown colors. 15
2523 Pretiosa. Each petal has a large blotch of deep violet on crimson background, with white edge. 15
2524 Rosy Morn. A bright purplish crimson margined with a clear white edge. 15
2525a Ruby Red. 15
2526a Striped. Mahogany, striped and flaked white. 15
2527a Trimardeau. Mixed. 1/4 oz. 40c 15
2528a Victoria. Claret red. 15
2529a Violet Blue. A very pleasing shade. 1/4 oz. 40c 15
2529d Volcano. Deep red with five large blotches, very fine. 20
2530a Pure White. Pure white without blotches. 1/2 oz. 50c 15
2531a White, With Eye. Very large. 1/2 oz. 45c 15
2532a Pure Yellow. Golden yellow without blotches. 1/4 oz. 50c 15
2533a Yellow, With Eye. Immense flowers. 1/4 oz. 45c 15
2534 Chicago Parks Bedding Mixed. Great diversity of colors, free flowering, blossoms slightly smaller than the Giant sorts. 1/4 oz. 60c; 1/2 oz. 40c 10
2535 Red, White and Blue, Mixed. Pkt. 20c

Flag

Collection 1 packet each Ruby Red, Pure White, Violet Blue. Prepaid for 35 cents. 25c

2538 Papilio. Flowers soft lavender-purple, lower petals flushed white. Pkt. $0.15
2539 Vaughan's Improved Scotch Pansies. Produces flowers with 'faces,' the colors range from pale lavender to deep rich purple, many charming intermediate shades. 25
2555 Cornuta Mixed. 10

VIOLA Cornuta (Tufted Pansies). 3-6 in.

Flowers all summer from seed sown in early spring, and are valuable for edging beds and borders. Require protection during winter. Pkt.
2545 Alba. Large white flowers. $0.10
2546 Admiration. Rich violet blue flowers. 10
2547 Blue Perfection. Pale blue flowers. 10
2548 Bugnot. Light yellow-purple flowers. 10
2549 Cassiers 3 and 5 Blotched Mixed. Shades of red, bronze and reddish cardinal. 20
2550 Thuringia. Dark blue, with white eye. 10
2551 Papilio. Flowers soft lavender-purple, lower petals flushed white. $0.15
2552 Vaughan's Improved Scotch Pansies. Produces flowers with 'faces,' the colors range from pale lavender to deep rich purple, many charming intermediate shades. 25
2553 Cornuta Mixed. 10
### Large Single Flowering Varieties—Continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2607 Large Flowering White</td>
<td>30 seeds</td>
<td>$0.20</td>
</tr>
<tr>
<td>2608 Triumph of the Giants</td>
<td>150 seeds</td>
<td>$0.20</td>
</tr>
<tr>
<td>2609 Royal Purple</td>
<td>150 seeds</td>
<td>$0.20</td>
</tr>
<tr>
<td>2610 Giant Empress</td>
<td>150 seeds</td>
<td>$0.20</td>
</tr>
<tr>
<td>2611 Large Flowering Fringed Mixed</td>
<td>200 seeds</td>
<td>$0.20</td>
</tr>
<tr>
<td>2612 Vaughan’s Best Mixture Large Flowering Single Petunia</td>
<td>300 seeds</td>
<td>$0.25</td>
</tr>
<tr>
<td>2619 General Dodds</td>
<td>20 oz.</td>
<td>$0.75</td>
</tr>
<tr>
<td>2620 Howard’s Star</td>
<td>1 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2621 Inimitable</td>
<td>1 oz.</td>
<td>$0.25</td>
</tr>
<tr>
<td>2622 Violaee</td>
<td>1 oz.</td>
<td>$0.20</td>
</tr>
<tr>
<td>2623 Venosa</td>
<td>1 oz.</td>
<td>$0.20</td>
</tr>
<tr>
<td>2624 Good Mixed</td>
<td>1 oz.</td>
<td>$0.20</td>
</tr>
<tr>
<td>2625 Finest Mixed</td>
<td>1 oz.</td>
<td>$0.25</td>
</tr>
</tbody>
</table>

### Single Small Flowering Varieties

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<thead>
<tr>
<th>Variety</th>
<th>Packet Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2613 Alba</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2614 Carmine Rose</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2618 Countess of Ellesmere</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2619 General Dodds</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2620 Howard’s Star</td>
<td>1/2 oz.</td>
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<tr>
<td>2624 Good Mixed</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2625 Finest Mixed</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

### Single Dwarf Varieties

<table>
<thead>
<tr>
<th>Variety</th>
<th>Packet Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2631 Carmen Sylva</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2632 Improved Rosy Morn</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2633 Rosy Morn, Ordinary Strain</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2634 Dwarf Inimitable</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2635 Snowball</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
<tr>
<td>2636 Vaughan’s Special Mixture of Dwarf Small Flowering Varieties</td>
<td>1/2 oz.</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

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Petunias

For freedom of bloom, variety of color and effectiveness these have no equals. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

### Double Large Flowering Varieties

- **Vaughan’s Mixture of Double Petunias**: This mixture is made by ourselves and includes, besides the Giant Ruffled, all the colors of the large flowering and fringed sorts, and the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive no other Petunia mixture can produce flowers with as wide a range of colors as Vaughan’s Best.

### Large Single Flowering Varieties

- **Balcony Queen**: Rich, velvety violet with white blotches.
- **Balcony White**: A beautiful trailing variety.
- **Brilliant Rose**: Regular white stars on deep old rose ground. Very effective in masses.
- **Blood-red**: Crimson-maroon with a clearly defined five-pointed star of blushing white.
- **Carmine Rose**: A superb strain of crimson-white, pure Pkt.
- **Carmine Red**: Rose with white throat.
- **Violacea**: Violet blue.
- **Venosa**: Light red veined.
- **Good Mixed**: 1 oz. 80c; 1/2 oz. 25c
- **Finest Mixed**: 1 oz. 40c; 1/2 oz. 25c

### Single Dwarf Varieties

- **Carmen Sylva**: Baby blue with white throat.
- **Improved Rosy Morn**: The plants are bushy and compact, the medium size flowers, produced in great abundance throughout the entire summer and fall are of a most pleasing clear pink, contrasted by a broad white throat.
- **Rosy Morn, Ordinary Strain**: A splendid sort for porch boxes, pots and beds.
- **Dwarf Inimitable**: Blotted and striped.
- **Inimitable**: Blotted and striped.
- **Norma**: Blue with white star.
- **Snowball**: A fine compact sort, producing its pure satiny-white flowers throughout the entire season.

If you have never grown Petunias, try them this year. You will like them. For freedom of bloom and variety of color they have few equals.
The Phloxes are the showiest and most easily raised of all Annuals. We know
of nothing which produces such a continuous supply of the most attractive flowers
in a most wonderful range of colors. All the tints of the rainbow are represented
with all possible variations of stripes, veins and eyes of contrasting shades. Seed
should be sown in the ground as soon as danger of frost is over and in a few weeks
the beds are a blaze of glory.

**Grandiflora Varieties**  1 ft.

This section has beautiful, round-petaled flowers, which overlap each other.

- **2660 Alba.** Pure white.
- **2661 Alba Oculata.** White with dark eye, a good contrast.
- **2662 Atro-purpurea.** Black brown.
- **2663 Brilliant.** Rose with dark eye.
- **2664 Carnea.** Flesh color.
- **2665 Chamois rose.**
- **2666 Coccinea.** Fiery scarlet.
- **2668 Coerulea Striata.** Blue striped.
- **2669 Crown Prince.** The flowers are large, salmony scarlet.
- **2670 Isabellina.** Yellow.
- **2671 Kermesina Splendens.** Vivid crimson, with white eye.
- **2673 Gold Star.** Pink with gold star.
- **2676 Rosea.** Pink.
- **2681 Violet.**

All the above... 1/4 oz., 30c; 200 seeds $0.10

2685 Splendid Mixture... 1 oz. $1.25; 1/4 oz. 35c; 250 seeds 10

2690 Drummondi Mixed... Good Mixture, oz. 85c; 1/4 oz. 25c 05

2695 Cuspidata Mixed... Mixture of star-shaped flowers... 1/4 oz. 25c 10

2727 Semi-Double Varieties Mixed... 15

**Nana Compacta Dwarf.**  8 in.

These are much superior to the other Phloxes for ribbon bedding or
borders. The plants grow very symmetrical in neat, little bushes, covered
with flowers during the whole summer and fall.

- **2735 Fireball.** Blood-red... 1/4 oz. 35c 15
- **2736 Chamois Rose**... 10
- **2740 Snowball.** Pure white... 1/4 oz. 35c 15
- **2741 Isabellina.** Yellow... 1/4 oz. 35c 10
- **2742 Sky-blue with white eye.** Fine for edging... 1/4 oz. 35c 15
- **2743 Cecily.** Mixed, all colors... 1/4 oz. 30c 10

**2750 Parana.** The flowers are fully twice as large as those of
other Portulacas and of the most dazzling purple scarlet,
and are producing in the greatest profusion during the
entire summer and fall... 1/4 oz. 25c 10

2849 Parana. The flowers are fully twice as large as those of
other Portulacas and of the most dazzling purple scarlet,
and are producing in the greatest profusion during the
entire summer and fall... 1/4 oz. 25c 05

2850 Double Good Mixture... 1 oz. 70c; 3/4 oz. 20c 05

2860 Double Best Mixture... 1/4 oz. 30c 05

2865 Double Best Mixture... 1/4 oz. 50c 10

This plant will grow and bloom profusely in a dry, hot situation, where
almost any other plant would soon die. Easily transplanted. In sowing mix the
seed with dry sand to insure an even distribution. Sow in May when the ground
is thoroughly warmed through, and very soon one of the loveliest of floral carpets
will appear.

**Large Flowering Single**

- **2842 White**
- **2844 Yellow**
- **2849 Parana**

Each of the above... 1/4 oz. 25c $0.05

**Large Flowering Double**

- **2851 White**
- **2853 Pink**
- **2858 Scarlet**

Each of the above... 1 oz. 70c; 1/4 oz. 20c 05

The seeds I ordered from you this spring all came up and have been
such a satisfaction. My Zinnias are wonderful, everyone thinks. Thanking
you for past favors, I am

MRS. MAURICE H. WINN,
Lucrene, Indiana
Flowers deep scarlet, shaded crimson, King Edward.

The flowers have a pure white ground color, Danebrog or Danish Flag. Brilliant scarlet flowers, Glistening white, with a broad band of Admiral.

Gathered early in the morning when the dew is on them, they will blossoms be airily poised on slender stems. If the flowers are Very large pure white, perfectly formed flowers 05

For Iceland Poppies see Perennial pages

For Oriental Poppies see Perennial pages

For Perennial Poppies see Perennial pages

**POPPIES—Vaughan’s Special Double and Single Mixed**

**Vaughan’s Poppies**

Poppies are noted for their satiny flowers of silk-like texture, in many brilliant color combinations. The foliage is delicate and the blossoms are airily poised on slender stems. If the flowers are gathered early in the morning when the dew is on them, they will remain fresh in water all day. Plant the seed in succession two weeks apart for a continuous bloom all summer. Mix seed with sand before sowing so as to distribute the seed thinly and evenly.

**Single Annual Poppies**

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2780</td>
<td>Admiral. Glistening white, with a broad band of brilliant scarlet around the edges.</td>
</tr>
<tr>
<td>2782</td>
<td>Bride. Very large pure white, perfectly formed flowers.</td>
</tr>
<tr>
<td>2783</td>
<td>Danebrog or Danish Flag. Brilliant scarlet flowers, with a silvery spot on each petal, forming a white cross.</td>
</tr>
<tr>
<td>2784</td>
<td>Hansa. The flowers have a pure white ground color, passing towards the finely slitted edge to a deep crimson.</td>
</tr>
<tr>
<td>2785</td>
<td>King Edward. Flowers deep scarlet, shaded crimson, with a large black blotch at the base of each petal.</td>
</tr>
</tbody>
</table>

**Double Annual Poppies**

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2800</td>
<td>American Flag. Flowers very large, snow white, scarlet Pkt. bordered.</td>
</tr>
<tr>
<td>2801</td>
<td>Fairy Blush. The flowers have the effect of large feathery balls, overcast with a rose shade.</td>
</tr>
<tr>
<td>2802</td>
<td>Giant Double Pure White.</td>
</tr>
<tr>
<td>2803</td>
<td>Giant Double Pale Yellow.</td>
</tr>
<tr>
<td>2804</td>
<td>Giant Double Pink.</td>
</tr>
<tr>
<td>2805</td>
<td>Giant Double Cardinal Red.</td>
</tr>
<tr>
<td>2807</td>
<td>Giant Double Lilac.</td>
</tr>
<tr>
<td>2807a</td>
<td>Giant Double Salmon.</td>
</tr>
<tr>
<td>2807b</td>
<td>Giant Double Heliotrope.</td>
</tr>
<tr>
<td>2807c</td>
<td>Giant Double Plum Violet.</td>
</tr>
<tr>
<td>2809</td>
<td>Mikado. Flowers brilliant scarlet and white with elegantly curved petals, like Japanese Chrysanthemum.</td>
</tr>
<tr>
<td>2810</td>
<td>Scarlet King.</td>
</tr>
<tr>
<td>2797</td>
<td>POPPY Eldorado. 2 ft. O. This poppy is totally distinct and one of the finest novelties in the line of annuals. The flowers are large, single, semi-double and double, and contain magnificent shades of soft salmon, orange, orange-scarlet, pink, rose and white, without any dark markings whatever. The substance of the petals in some of the lighter shades is as delicate as China silk. Large Pkt. 20c.</td>
</tr>
</tbody>
</table>

**2798 POPPY Eldorado Salmon Shades. 2 ft. O.** The introducer made a selection of these most popular shades and these will especially appeal to those admiring pastel shades in flowers.
2775 POINCIANA Gilliesi (Bird of Paradise). The Pkt. blossoms are of a rich golden yellow, about 2½ inches in diameter, produced in large trusses, the most striking feature being the long, incurving stamens and pistils of a beautiful bright crimson color. Seed should be soaked in warm water and started indoors or under glass in a light sandy soil. Plants should be carefully hardened by gradual exposure to fresh air before going into the open ground. If the seed is started early it will produce blooms in great profusion the first year.

$0.10

**Primula Chinensis (Chinese Primrose)**

This is one of the most charming winter flowering house plants, and one that is entirely free from insect pests. Our seed has been specially grown for us by the most celebrated English Primula specialist. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substance of the petals.

2898 Good Mixture of Single Varieties. 15
2899 Vaughan's International Mixture. Our mixture contains all the choicest colors of the single-flowering Primulas in all their dainty shades. 100 seeds 35

**Primula—Various Sorts**

2892 Malacoides 10 in. The flowers are of a delicate shade of lavender, produced in whorls on tall graceful spikes in great profusion. 25
2893 Malacoides Rosea 25
2894 Forbesi (Baby Primrose) 2½ 10 in. The flowers are very graceful, of the most pleasing rose color with yellow eyes and are borne on erect stems. 15
2905 Obconica Grandiflora Mixed. Good mixture. 200 seeds 15

**Primula Obconica Gigantea**

The leaves are dark green, thick and leathery, roundish, veined at the edges and often measure six inches in diameter. The flower stalks are stiff and strong. The flowers are of good shape, measure from 1½ to 1½ inches in diameter, and are borne in clusters up to four inches across.

2906 Gigantea Rosea. A beautiful clear rose. 200 seeds 25
2909 Gigantea Mixed 200 seeds 25

**Rhodanthe** 1 ft. Swan River Everlasting.

2925 A charming annual; succeeds in a light rich soil and a Pkt. warm sheltered situation; valuable for pot culture. flowers everlasting; mixed colors. 200 seeds $0.10
2926 Manglesi Rose. Bright rose flowers, very graceful, makes a pretty pot plant. 15
2927 Maculata Alba. White 200 seeds 10
2928 Maculata Rosea. A charming annual; succeeds well in the open border during the summer. 25
2929 Mixed 10

**Ricinus (Castor Bean)**

2930 Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Canass, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

2932 Cambodgensis. 6 to 8 ft. Large palm-like leaves of darkest maroon; stalk nearly black. 1 oz. 15c 05
2933 Panormitanaus. 8 to 10 ft. Huge leaves of a peculiar old bronze shade; stems blue powdered. 1 oz. 25c 10
2935 Sanguineus. 6 ft. Green leaved, red stems. 1 oz. 10c 05
2936 Zanzibariensis Mixed. 10 to 12 ft. The ornamental leaves, beautifully lobed, are 2½ to 4 ft. across. Each plant makes a perfect pyramid of foliage. 1 oz. 15c 05
2937 Zanzibariensis Enormis. Many sorts. Lb. 85c 1 oz. 10c 05
2940 ROSE Polyantha Nana. 1 ft. Miniature Fairy Roses, forming little bushes covered with dainty little single and semi-double flowers, six months after sowing. 10
2942 RUBECKIA Bicolor Superba (Coneflower) 2 ft. Produces an abundance of bright yellow flowers with brown central disc; fine for cutting. 10

**Salpiglossis** 2½ ft.

2950 Undoubtedly one of the most attractive annuals and should be in every garden. The blossoms are tube-shaped much like a Petunia but rivaling the latter in the beautiful colors displayed. Each flower is veined with a glist of gold, and it is the only flower to our knowledge possessing this odd characteristic. The Salpiglossis is deservedly known as the Orchid of Hardy Annuals. If you are not familiar with this, try one package and we know your garden will always contain it after you have seen it.

2951 Bright Crimson. 2955 Mixed. Good quality. 2956 Golden Yellow. 2957 Pink.

Each of the above per pkt. 15c.

2958 Obconica Grandiflora Mixed. Good mixture. 200 seeds 15

2960 Vaughan's Special Mixture. This mixture is put up by ourselves of separate varieties and is without doubt the best mixture obtainable.

$0.15
### Salvia Splendens (Scarlet Sage)

The Salvia Splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. This plant lends itself to many uses; it makes a good pot plant, does well in window boxes, and is useful for cutting. Its best use, however, is as a hedge or border plant, for brilliant color effect.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>America, or Globe of Fire</td>
<td>2 ft.</td>
<td>This is the freest and most continuous bloomer; also the most uniform in Pkt. habit of growth, which makes it particularly valuable for bedding or planting in lines.</td>
</tr>
<tr>
<td>Ostrich Plume</td>
<td>2 ft.</td>
<td>Flowers bright scarlet, and instead of each stem having but one flower spike they produce a cluster not unlike a Celosia. It is quite distinct and comes true from seed.</td>
</tr>
<tr>
<td>Fireball</td>
<td>1½ ft.</td>
<td>The bushy plant is covered with a great number of flower spikes of the most fiery scarlet. The plants branch freely, the side shoots often producing 4 to 6 flowering spikes.</td>
</tr>
<tr>
<td>Clara Bedman or Bonfire</td>
<td>2 ft.</td>
<td>The spikes grow erect and stand clear above the foliage. The plants form handsome globular bushes.</td>
</tr>
<tr>
<td>Drooping Spikes</td>
<td>2½ ft.</td>
<td>This large flowering variety has three times the flowering capacity on each spike of the ordinary Salvia Splendens.</td>
</tr>
<tr>
<td>Maroon Prince</td>
<td>2 ft.</td>
<td>Particularly rich and royal color. A purple violet with a velvety sheen.</td>
</tr>
<tr>
<td>Zurich</td>
<td>Early.</td>
<td>The plants are dwarf and compact with great number of flower spikes.</td>
</tr>
<tr>
<td>Mixed</td>
<td></td>
<td>The above sorts and others.</td>
</tr>
<tr>
<td>Coccinea</td>
<td>2 ft.</td>
<td>Annual scarlet sage,</td>
</tr>
<tr>
<td>Farinacea</td>
<td>3 ft.</td>
<td>Tall spikes of silvery lavender blooms form a dense mass of foliage.</td>
</tr>
<tr>
<td>SANVITALIA Procumbens Fl. Pl.</td>
<td>6 in.</td>
<td>Small double yellow flowers produced in abundance all summer, excellent edging plant.</td>
</tr>
</tbody>
</table>

### Scabiosa (Mourning Bride)

Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole of the summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snowball</td>
<td>3010</td>
<td></td>
</tr>
<tr>
<td>Golden Yellow</td>
<td>3012</td>
<td></td>
</tr>
<tr>
<td>Flesh</td>
<td>3014</td>
<td></td>
</tr>
<tr>
<td>Fiery Scarlet</td>
<td>3015</td>
<td></td>
</tr>
<tr>
<td>Each of above per pkt. 10c</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mixed. The above and others.</td>
<td>½ oz. 20c</td>
<td></td>
</tr>
</tbody>
</table>

### Scabiosa—Continued

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaughan’s Special Mixture</td>
<td>3025</td>
<td>Many new colors have been purchased for this, our latest special mixture and we are sure the delicate and soft colors will be admired by all our friends who plant a packet of this seed.</td>
</tr>
</tbody>
</table>

### Scabiosa (Mourning Bride) 2¼ ft.

Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole of the summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful types of butterflies to the neighborhood.

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<td>Golden Yellow</td>
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<td>Fiery Scarlet</td>
<td>3015</td>
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</tr>
<tr>
<td>Mixed. The above and others.</td>
<td>½ oz. 20c</td>
<td></td>
</tr>
</tbody>
</table>
Flowers white with rose throat. 10

TORENIA Fournieri Grandiflora

THUNBERGIA Alata, Mixed (Black Eyed Susan)

Vaughan’s Special Mixture of Stocks.

Winter Stocks Mixed

Brilliant carmine rose. 

Large Flowering White Lady. 15

Rose Gold Ball

White Lilac

the ten weeks stocks have ceased.

Growing plants, for hanging baskets and lawn vases as well as fences and verandas. 10

2½ ft. Beautiful trailing plants for hanging baskets

Emperor or Winter 2 ft.

These are useful in planting in California out doors.

Large Flowering White Lady. White. 3010

Empress Elizabeth. Brilliant carmine rose. 3011

Winter Stocks Mixed 3012

Vaughan’s Special Mixture of Stocks.

Contains all the above as well as many others not catalogued.

THUNBERGIA Alata, Mixed (Black Eyed Susan) 3013

TORENIA Fournieri Grandiflora 3014

TORENIA Fournieri Grandiflora 3015

WHITE WINGS. Flowers white with rose throat. 3017

SWEET WILLIAM. See page of “Perennials.”

Both the Viscaria and Virginia Stocks are most desirable annuals, for bedding as well as cutflowers, and are not nearly as well known as they deserve. The Virginia Stocks make a delightful border, and if successive sowings are made in the same place a continuation of flowers can be had all summer.
**Sweet Peas**

**Large Flowering and Unwin**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>America</td>
<td>Blood-red, striped white</td>
<td>$0.50</td>
</tr>
<tr>
<td>Black Knight</td>
<td>Dark maroon</td>
<td>$0.50</td>
</tr>
<tr>
<td>Blanche Ferry</td>
<td>Pink and white</td>
<td>$0.40</td>
</tr>
<tr>
<td>Dorothy Eckford</td>
<td>One of the best whites</td>
<td>$0.50</td>
</tr>
<tr>
<td>Frank Dolby</td>
<td>Finest pale blue</td>
<td>$0.50</td>
</tr>
<tr>
<td>Flora Norton</td>
<td>A very bright blue</td>
<td>$0.50</td>
</tr>
<tr>
<td>Gladys Unwin</td>
<td>Pale rosy pink</td>
<td>$0.50</td>
</tr>
<tr>
<td>Janet Scott</td>
<td>Deep rich pink</td>
<td>$0.50</td>
</tr>
<tr>
<td>King Edward VII</td>
<td>Fine scarlet</td>
<td>$0.55</td>
</tr>
<tr>
<td>Lady Grisel Hamilton</td>
<td>Lavender</td>
<td>$0.55</td>
</tr>
<tr>
<td>Lord Nelson</td>
<td>Richer than Navy Blue</td>
<td>$0.55</td>
</tr>
<tr>
<td>Mrs. George Higginson, Jr.</td>
<td>Blue</td>
<td>$0.55</td>
</tr>
<tr>
<td>Nora Unwin</td>
<td>Giant white</td>
<td>$0.55</td>
</tr>
<tr>
<td>Prima Donna</td>
<td>Soft pink</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

---

**Flag**

**Sweet Peas**

Collection One Pkt. each, King Edward VII, Dorothy Eckford and Mrs. G. Higginson, Jr. for 10c.

---

**Mixed Sweet Peas In Separate Shades**

For as such prefer to grow the various colors separate, we have arranged the following mixtures out of the finest named sorts:

<table>
<thead>
<tr>
<th>Shade</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink Shades</td>
<td>Light to deep pink</td>
<td></td>
</tr>
<tr>
<td>Red Shades</td>
<td>Bright rose to dark scarlet</td>
<td></td>
</tr>
<tr>
<td>Lavender and Blue Shades</td>
<td>Pale lavender to mauve, Maroon colors</td>
<td></td>
</tr>
<tr>
<td>White and Primrose Shades</td>
<td>All the delicate tints</td>
<td></td>
</tr>
</tbody>
</table>

---

**Sweet Peas In Mixture**

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eckford’s Mixture</td>
<td>Contains some of each of the Pkt.</td>
<td>$0.50</td>
</tr>
<tr>
<td>Sweet Peas, Vaughan’s Prize Mixture</td>
<td>The daintiest colors of all the Spencers, Large Flowering and Unwin types as well as darker combinations make a garden planted with these a continual joy.</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

---

**Verbena**

Verbena is one of the most popular garden annuals and lends itself willingly to many uses. For beds, borders, mounds, vases and window boxes it is particularly fine, and is frequently used for an undergrowth to tall plants like lilies. The clusters of showy and often fragrant flowers are borne in constant succession from June until frost. A carefully selected and improved strain of Verbenas.

**Hybrida**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defiance</td>
<td>A real intense scarlet</td>
<td>$0.10</td>
</tr>
<tr>
<td>Dark Blue with White Eye</td>
<td>Very showy</td>
<td>$0.10</td>
</tr>
<tr>
<td>Lutea</td>
<td>Yellow</td>
<td>$0.10</td>
</tr>
<tr>
<td>Striped</td>
<td>Mostly light colors with red and blue stripes</td>
<td>$0.10</td>
</tr>
<tr>
<td>Good Mixed</td>
<td></td>
<td>$0.05</td>
</tr>
</tbody>
</table>

**Mammoth Types**

The trusses and individual flowers are of the largest size, of brilliant colors; free blooming and of vigorous habit.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Dense heads of finely shaped white flowers</td>
<td>$0.10</td>
</tr>
<tr>
<td>Mayflower</td>
<td>Various shades of pink</td>
<td>$0.10</td>
</tr>
<tr>
<td>Striped, White on Red Ground</td>
<td></td>
<td>$0.10</td>
</tr>
<tr>
<td>Firefly</td>
<td>Intense red</td>
<td>$0.10</td>
</tr>
<tr>
<td>Purple</td>
<td>Dark purple</td>
<td>$0.10</td>
</tr>
<tr>
<td>Mammoth Mixed</td>
<td>Producing in handsome umbels flowers of large size in beautiful shades of white, rose, scarlet, blue, purple</td>
<td>$0.10</td>
</tr>
<tr>
<td>Hybrida Gigantea</td>
<td>A wonderful mixture of large flowering varieties. The flowers are, as the name indicates, gigantic, and with white eye, the red particularly attractive</td>
<td>$0.15</td>
</tr>
<tr>
<td>Vaughan’s Best Mixture</td>
<td>Includes the dazzling Defiance, the Mammoth White, Purples, Striped, and all the Auricula flowered varieties with their large umbels of white-eyed flowers. We feel perfectly safe in stating this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout summer.</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

---

**Verbena—Vaughan’s Best Mixed**

The stock from my seed purchased from you are simply wonderful in color and size. Best I have ever seen.

MRS. M. J. LEONARD.
ZINNIAS

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedder purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets.

**Elegans Fl. Pl. Double Flowered 0 2 1/2 ft.**

- **3701 Alba. White** 3704 Isabellina. A beautiful cream yellow; pkt., 10c
- **3702 Applebloom; pkt., 10c** 3705 Golden Yellow
- **3703 Burnt Orange; pkt., 10c** 3706 Flesh Color
- **3704 Orange**

**New Giant Flowered or Colossal 3 ft.**

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.

- **3715 White** 3719 Orange
- **3716 Golden Yellow** 3720 Scarlet
- **3717 Sulphur Yellow** 3721 Violet
- **3718 Flesh Color** 3722 Pink Shades
- **3719 Lilac**

**Flag Verbenas**

- One Pkt. each, Firefly, Mammoth
- White and Dark Blue with White Eye, for 25c.

---

WILD FLOWER GARDEN.

**Vaughan's Colossal Zinnias, Mixed.** The flowers are gigantic in size and deep and velvety in appearance, exhibiting all the new and interesting colors. 1/2 oz. 30c.

- **3725**

---

**Archangel's Giant Zinnias, Mixed.**

- The flowers are extremely large, double globular flowers, whose single petals are turned upward and form little channels: The color is a singular mixture of yellow and red; the external petals begin with a nice dark red, melting gradually to the centre in golden-yellow. This may be best described as salmon-orange.

- **3725**

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**ZEA Japonica Quadricolor Perfecta**

- This is the quickest growing climber on our list. Grows Pkt. wild self-sown, in many parts of the west. Should be sown late in the fall or very early in the spring. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. 1/4 lb. 75c; 1 oz. 25c; 1/2 oz. 15c. **$0.05**

- **3766 XERANTHEMUM Double Mixed 0 2 ft.** Bright and pretty 'Everlasting' with silvery foliage and silky flowers in pink, white and purple. 1/4 oz. 30c.

---

**WILD FLOWER GARDEN.** A mixture of easily grown annuals, for the decoration of children's gardens, prairies, shrubbery, or roadside planting, etc. 1 lb. 85c; 1/2 lb. 25c; 1 oz. 10c.
Gladiolus in the Garden

By Katherine Butterfield

August 31, 1921, will be the eightieth birthday of the Gladiolus as a garden plant, the most stately, decorative, and gorgeous bulb known to botanists. The name is pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules.

Just what humble gardener crossed them and tenderly raised them or whether they were natural hybrids is not known.

The Gladiolus has never enjoyed a common name. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules. It should be pronounced with the accent on the "di" according to strict Latin rules.

Although 1841 marked the advent of the Gladiolus as a garden plant, it had been known to botanists for many years. It was first brought to Europe in the 18th Century by Dutch explorers from South Africa, among other so-called "Cape" bulbs, so named because they came from the region of the Cape of Good Hope. Nearly all of these cape bulbs and were the parent of the present day strain bearing the same name.

Van Houtte did not himself breed the Gladiolus he collected, but had found them in the garden of the Duke of Aremberg at Enghien.

There are now scores of named primulinus hybrids, having made more rapid progress than any other pronounced type because of the rapidity with which it multiplies by bulbs and the precision of its seed. It was eagerly seized upon by gladiolus breeders for it offered an ideal for which they had long struggled, a pure bright yellow and a loose, graceful spike previously unknown.

At the close of the 19th Century, Souchet had many rivals, but all devoted themselves to the Gandavensis type of which he was the most successful. "A. E. Kunder" of Goshen, Ind., produced a ruffled strain as well as a number of other valuable kinds. Mrs. Pendleton being one of the best, and Myrtle, the finest pure pink.

The greatest value of the gladiolus as a garden flower is that it thrives in mid-summer when there is little else in bloom. But it is as a cut flower that the gladiolus is truly remarkable. It is the most decorative, gorgeous plant ever developed. It is a good plan to spade in a good dressing of manure in the fall. In the spring the ground should be spaded deeply and finely pulverized. The manure is applied and the soil is well rotted, otherwise use a commercial fertilizer (see page 135). Plant the flower on the spike will unfold in turn. The various types have their peculiar shape. Some produce their best blooms only in alternate years. Just what humble gardener crossed them and tenderly raised them or whether they were natural hybrids is not known.

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GLADIOLUS are the most attractive and useful for cut flowers of all the summer flowering bulbs. They give you giant spikes of perfect flowers with wonderful colors in fascinating profusion; often changing as each flower opens fully.

We grow over one hundred acres of these bulbs and harvest many hundreds of thousands, developing every year scores of new Hybrid Seedlings which surprise even our own trained men with their new types and giant blooms in novel colors.

The long graceful spikes carrying often twenty buds may be cut as the first lower flower opens, placed in water each successive bud develops a perfect flower. Our collection consists of the finest types of French, Dutch and American Hybrids. Many Gladiolus are chosen, but a goodly proportion of the best American varieties were introduced by Vaughan.

*PRIMULINUS "SUNBEAM"

One of the first varieties of Primulinus blood in America to receive a name. This variety, which we introduced in 1914 for the first time, is a cross of select yellows from the Primulinus Mixture, with the variety Sulphur King. The graceful form of all of the Primulinus type insures their popularity in our best Decorative Class. It has a clear yellow color and is a strong grower.

Price, each, 12c; doz., $1.25; 100, $8.00.

*MRS. H. A. CAESAR

New Gladiolus

This Seedling is a faithful "Mrs. H. A. Caesar" (Orchid Beauty), a cross of America with Sunbeam. Its habit of growth is more robust than America and with same flowering season. The length of spike is about the same, but it produces more buds, frequently showing five to eight open flowers, well placed on the spike. The color is a beautiful lavender shading to blue with a yellow dash in the lower petals. Admires have called it "Princeps". The spike is uniform, straight, and upright, with no crooked stems.

Price, each, $1.00; doz., $10.00.

*FIELD MARSHAL HAIG

A very attractive shade of light salmon-pink with orange-blood blottches. Medium in season, flowering in about 83 days from planting. Habit erect, with a good well opened flower spike with often eight to ten flowers showing at one time at its prime. The ruffled edges put the variety in the desirable novelty class in form as well as color. This variety does well in a cool or moist soil.

Price, each, 45c; doz., $4.50.

*MARY BLACKMAN

Named in honor of the noted Blackman family of Indiana Florists. Nanceius variety of large size and fine quality. Flowers a beautiful shade of salmon red; the lower petals finely feathered and penciled at the base with carmine on a salmony red; the lower petals are chosen, but a goodly proportion of the best American varieties were introduced by Vaughan.

Price, each, 20c; doz., $2.00.

SCHWABEN

A variety of extreme vigor, many of the bulbs producing two or three flowering stalks which very often produce side branches besides. The stalk produces about 20 very large flowers, 6 to 8 usually open at one time. The color is the best, of clear canary yellow, shading to a soft sulphur yellow when opening.

Price, each, 12c; doz., $1.25; 100, $8.00.

RUFFLED GLORY

With "Ruffled" Petals

Dilicate pink, with crimson stripe in the center of each lower petal. The broadly expanded, wide open, paired petals, all face in the same direction and are carried on a rich golden yellow. A very decorative variety lasting a long time when cut.

Price, each, 12c; doz., $1.25; 100, $8.00.

*MRS. FRANCIS KING

Leading Decorative Gladiolus

This has become the most popular and effective variety for window, store and hotel decorations. The long, graceful, slender flower spike is straight and strong, never twisted or deformed. The flowers are large beautifully formed and well set on the stalk, which usually contains from 15 to 15 flowers, with 5 or 6 open at a time.

Price, each, 35c; doz., $3.50.

*MARTHA WASHINGTON

Flowers light red, but with dark, almost black blottches on the three lower petals. They set evenly and regularly on the stalk, which usually contains from 15 to 15 flowers, with 5 or 6 open at a time.

Price, each, 35c; doz., $3.50.

*MRS. H. A. CAESAR

New Gladiolus

This Seedling is a faithful "Mrs. H. A. Caesar" (Orchid Beauty), a cross of America with Sunbeam. Its habit of growth is more robust than America and with same flowering season. The length of spike is about the same, but it produces more buds, frequently showing five to eight open flowers, well placed on the spike. The color is a beautiful lavender shading to blue with a yellow dash in the lower petals. Admires have called it "Princeps". The spike is uniform, straight, and upright, with no crooked stems.

Price, each, $1.00; doz., $10.00.

*PONTIAC—Princes

Giant Seedling of Princeps. Considerably lighter red. Very large flower with Princes throat markings. Petals slightly striped with deep vermilion stalk as strong as Schwaben and a taller grower than King.

Price, each, $1.00; doz., $10.00.

*ANNA EBERS

Beautiful dark velvety purple; throat deep red. Flowers large and well set on the spike. A new variety and of great favor. This beautiful variety attracted much attention.

Price, each, 50c; doz., $5.00.

*MARGARET

A brilliant carmine, with a large white blotch on the lower petals, the white and carmine blending into a violet tint. The spike is a strong, never flower stalks and foliage, its effective flower spike with a good line of reserve buds continuously opening, with flower 1½ inches across, five to six flowers will spread out on the spike at the same time, its brilliant Vermillion scarlet color gives for vases, in hotel lobbies and dining rooms, parlor decorations, etc., an effect not produced in any other Gladiolus.

Price, each, 35c; doz., $3.50.

*MRS. W. S. BREWSTER

A new Nanceius seedling, and one of the best of this fine type. The color is white, overlaid white, with a yellow dash in the center of each lower petal. The flowers are large, produced in a double row with six to eight open flowers, well placed on the spike. The color is a beautiful lavender shading to blue with a yellow dash in the lower petals. Admires have called it "Princeps". The spike is uniform, straight, and upright, with no crooked stems. The general effect is as light as America. This is the largest Gladiolus flower we know of.

Price, each, $1.00; doz., $10.00.

*THE DETROIT

A giant flower with orchid colorings. Fully developed flowers measure five inches across. The color is a light pink with deeper pencilings of light crimson on the inside and outside of the upper petals, and with carmine stripes overlying sulphur on the center third of the lower petals. Some of the flowers show little of the penciling on the upper petals. The flower spike is long and strong like Mrs. Francis King with 13 flowers to the spike, 6 flowers open at a time. The general effect is as light as America. This is the largest Gladiolus flower we know of.

Price, each, $1.00; doz., $10.00.

Vaughan's Seed Store is one of the pioneers among American Gladiolus breeders, and every year hundreds of seedlings are produced on our farms in the hope that some will show the qualities demanded of a Vaughan introduction. Of the many tried, few are chosen, but a goodly proportion of the best American varieties were introduced by Vaughan.

*Introduced by Vaughan's Seed Store
**“RUFFLED” GLORY**

**CHICAGO WHITE**

<table>
<thead>
<tr>
<th>Each</th>
<th>Doz.</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALINE</td>
<td>Pure white, slightly striped crimson</td>
<td>$0.15</td>
</tr>
<tr>
<td>AMERICA</td>
<td>Soft lavender pink</td>
<td>$0.08</td>
</tr>
<tr>
<td>CANARY BIRD</td>
<td>Pure yellow, dark blotch</td>
<td>$0.05</td>
</tr>
<tr>
<td>ANNE WIGMAN</td>
<td>Pale yellow, dark blotch</td>
<td>$0.10</td>
</tr>
<tr>
<td>ARISTOPHANES</td>
<td>Pure salmon-rose, white in the throat tinted with white; petals with orange-red blotch</td>
<td>$0.75</td>
</tr>
<tr>
<td>ATTRACTION</td>
<td>Deep crimson, with large white center</td>
<td>$0.10</td>
</tr>
<tr>
<td>AUGUSTA</td>
<td>Pure white, blue anthers</td>
<td>$0.10</td>
</tr>
<tr>
<td>Medium Bulbs</td>
<td>All good bloomers</td>
<td>$0.07</td>
</tr>
<tr>
<td>ANNA EBERIUS</td>
<td>Pure white, streaked crimson</td>
<td>$0.15</td>
</tr>
<tr>
<td>AUTUMN QUEEN</td>
<td>Color cream yellow suffused with carmine</td>
<td>$1.50</td>
</tr>
<tr>
<td>CHICAGO WHITE</td>
<td>White, lavender marking in throat</td>
<td>$0.10</td>
</tr>
<tr>
<td>CHICAGO SALMON</td>
<td>Clear Salmon with carmine-rose color; blood-red blotch on a white ground; an orchid shade</td>
<td>$0.15</td>
</tr>
<tr>
<td>CANARY BIRD</td>
<td>Clear canary yellow</td>
<td>$0.15</td>
</tr>
<tr>
<td>CANICULE</td>
<td>Clear scarlet red, creamy-white blotch</td>
<td>$0.10</td>
</tr>
<tr>
<td>CHARMER</td>
<td>Soft mauve-pink, blending off lighter in the throat</td>
<td>$0.12</td>
</tr>
<tr>
<td>BYRON L. SMITH</td>
<td>Beautiful lavender pink on white ground, an orchid shade</td>
<td>$0.75</td>
</tr>
<tr>
<td>BOUQUET D'OR</td>
<td>Cream yellow suffused pink with deep cherry red, yellow blotch</td>
<td>$0.10</td>
</tr>
<tr>
<td>CRYSTAL WHITE</td>
<td>One of the best pure whites</td>
<td>$0.15</td>
</tr>
<tr>
<td>DAWN</td>
<td>Flowers salmon shading to very light claret</td>
<td>$0.10</td>
</tr>
<tr>
<td>ELIZABETH KURZ</td>
<td>Pure white with faint marking</td>
<td>$0.15</td>
</tr>
<tr>
<td>GIANT WHITE</td>
<td>A very large flower</td>
<td>$0.25</td>
</tr>
<tr>
<td>HERADA</td>
<td>Something entirely different, but another good one. Blooms of immense size on tall straight spikes. Massive in every way. The large blooms are pure mauve, glowing with American Beauty size markings in throat. A very attractive color</td>
<td>$0.20</td>
</tr>
<tr>
<td>JOAN BART</td>
<td>Bright crimson-red, ivory white blotch</td>
<td>$0.10</td>
</tr>
<tr>
<td>JESSIE</td>
<td>Rich velvety red</td>
<td>$0.10</td>
</tr>
<tr>
<td>JOE COLEMAN</td>
<td>Rich red, ruffled</td>
<td>$0.20</td>
</tr>
<tr>
<td>KLODYKE</td>
<td>Light yellow, with crimson</td>
<td>$0.10</td>
</tr>
<tr>
<td>KOENIGIN WILHELMINA</td>
<td>Clear salmon pink, cherry red blotched, edged white</td>
<td>$0.20</td>
</tr>
<tr>
<td>LA LORANNE</td>
<td>Bright salmon-rose, blotch dark purplish red</td>
<td>$0.25</td>
</tr>
<tr>
<td>L’INNOCENCE</td>
<td>Delicate blush suffused rose, yellow blotch; with faint carmine and white ground</td>
<td>$1.00</td>
</tr>
<tr>
<td>LOVELINESS</td>
<td>Cream pink. Many flowers open at the same time, very large, broad and showy spike</td>
<td>$2.00</td>
</tr>
<tr>
<td>LUSTROUS</td>
<td>A very large flower, the lower petals have a large throat blotch of yellow, white, ivory, delicate pink, white and crimson blendings in throat. A magnificent effect</td>
<td>$20.00</td>
</tr>
<tr>
<td>MRS. E. FRYER</td>
<td>Bright scarlet</td>
<td>$0.10</td>
</tr>
<tr>
<td>MENTOR</td>
<td>Slate color with a rosy hue, red blotch on white ground</td>
<td>$0.40</td>
</tr>
<tr>
<td>MARY BLACKMAN</td>
<td>Flowers salmon-rose; feathered and penciled with carmine</td>
<td>$0.20</td>
</tr>
<tr>
<td>MARGARET</td>
<td>A brilliant carmine, with a large white blotch on the lower petals, the white and carmine blending into a violet tint. The spike is straight and strong</td>
<td>$0.20</td>
</tr>
<tr>
<td>MERCEDES</td>
<td>Carmine rose and pale rosy-white; red blotch</td>
<td>$0.50</td>
</tr>
<tr>
<td>MYRTLE</td>
<td>Tender and delicate rose pink. “The most beautiful pink yet produced in Gladiolus.” Brings highest price of any variety in the Chicago market</td>
<td>$15.00</td>
</tr>
<tr>
<td>MRS. BEECHER</td>
<td>Deep rose crimson, throat pure white</td>
<td>$0.15</td>
</tr>
<tr>
<td>MRS. FRANCIS KING</td>
<td>Brilliant vermilion scarlet. Most popular and effective variety for all occasions</td>
<td>$0.08</td>
</tr>
<tr>
<td>MRS. F. M. LUPTON</td>
<td>A distinct light rose. Large, well-opening flower and long perfect spike</td>
<td>$0.40</td>
</tr>
<tr>
<td>MORNING STAR</td>
<td>White with crimson throat</td>
<td>$0.10</td>
</tr>
<tr>
<td>MRS. FRANK PENDELETON</td>
<td>Flushed salmon pink, with rich maroon blotch on the lower petals</td>
<td>$0.12</td>
</tr>
<tr>
<td>MRS. W. S. BREWSTER</td>
<td>White overlaid blush; blotched brilliant red with a creamy halo</td>
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</table>
SCHWABEN. Clear canary yellow, shading to soft sulphur
NAGERFURST.—Velvety red
NEINSCOTT. Bright blood scarlet with deep velvet
ORANGE GLORY.—Bright orange with slight purple
OWOSSO. Straw yellow, deeper golden yellow on lower
delicate rose, tinted white, striped carmine
PRIDE OF GOSHEN. Salmon or flesh pink
RUFFLED GLORY. With “Ruffled” Petals—Delicate
RUBY KING.—Intense dark, ruby red
SILVERETTA. Blush white with carmine blotch
SULPHUR KING. Clear sulphur yellow
SCHWABEN. Clear canary yellow, shading to soft sulphur
SILVERETTA. Blush white with carmine blotch
SPHINX
SILVERETTA

VAUGHAN’S RAINBOW MIXTURE

This name has been chosen by us for the highest quality blendings of the many excellent named varieties shown on this page, including French kinds with several other choice varieties of which we do not have sufficiently large quantities to offer in our catalogues. This is the best mixture we can make, and we believe unexcelled by that offered by any American firm.

Price, doz., $1.00; postpaid; by exp., 50 for $2.25; 100 for $4.00; 250 for $12.00; per 1000, $48.00.

VAUGHAN’S EARLY HYBRIDS MIXTURE

During the past seasons we have had numerous calls for a mixture made up of the leading early blooming varieties, so we have decided this season to offer “VAUGHAN’S EARLY HYBRIDS MIXTURE,” which contains a wide range of colors of the leading early blooming varieties. In addition to a number of seedlings that bloom early, a trial should be given this mixture.

Price, doz., 45c, postpaid; by exp., 50 for $1.60; 100 for $1.75; 250 for $6.75; 500 for $13.00; per 1000, $25.00.

VAUGHAN’S STANDARD MIXED

We have thrown away all the common and cheap left-overs which our trial grounds have proved to exist in old mixtures. We do not send out any mixtures that will not make a brilliant showing in the gardens of our customers. This one “STANDARD MIXED,” will be found satisfactory everywhere, except where special named kinds are wanted. They are useful for mixed beds, borders and masses.

Price, doz., 45c, postpaid; by exp., 50 for $1.60; 100 for $2.75; 250 for $6.75; 500 for $13.00; per 1000, $25.00.

HOMEWOOD MIXTURE

This is a fine grade of bulbs, about one inch in diameter, all blooming size, selected from some of the choice kinds we grow in large quantities on our farms. They will give as large a spike as a fully matured bulb, but as they do not come up to the specified size for our regular trade, we make this special offer to those who want a moderately priced grade of some of the choicest kinds. The best pinks, whites, reds, and many odd and pleasing shades are included.

Price, prepaid, 50 bulbs for $1.00; by express, at purchaser’s expense, 250 for $4.00; 500 for $7.00.

SPECIAL OFFER No. 100B. Two each of the following six varieties sent by mail, postpaid, for 75c: Mrs. Francis King, America, Chicago White, Schwaben, Halley, Baron J. Hulot.

SPECIAL OFFER No. 200B. Two each of the following six varieties sent by mail, postpaid, for $1.25: War, Margaret, Primulinus, Sunbeam, Mrs. Frank Pendleton, Pink Perfection, Baron J. Hulot.
**Summer Flower Bulbs**

**Why Vaughn's Bulbs are Popular**

These roots are matured so their flowering is certain. They often succeed when seedlings and tender plants fail. Our popular Cannas have made Chicago Parks flower beds famous. Our Caladiums make a tropical display. Vaughn's Gladiolus are seen in midsummer in thousands of vase displays, hotels, restaurants and private homes. Select our named kinds or mixture for your garden and you will astonish your guests at every dinner party from July to October.

**Price given for single bulb and certain dozen prices includes prepayment. Other quantities are not prepaid free unless so marked. See back inside cover page for exact particulars. (Word "Exp." means sent at buyer's expense.)**

---

**CALADIUM ESculentum (Elephant's Ear)**

One of the most effective and easily grown foliage plants for the lawn or border. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants. (For started plants, May 20, add 5 cents per plant to these prices.)

FIRST SIZE BULBS. 3 to 5-inch circumference:

- Price, each, 10c; by exp., doz., $1.00; per 100, $7.00.
- SELECT SIZE BULBS. 7 to 9-inch circumference:
  - Price, each, 15c; by exp., doz., $1.50; per 100, $10.00.
- EXTRA LARGE BULBS. 9 to 11-inch circumference:
  - Price, each, 25c; by exp., doz., $2.50; per 100, $18.00.

MAMMOTH SIZE. 12-inch and up circumference:

- Price, each, 40c; by exp., doz., $4.00.

Mailing weights each size per dozen bulbs as follows: First 1 lbs., Select 6 lbs., Extra 10 lbs., Mammoth 17 lbs.

**HYACINTHUS CANDICANS**

These are used mostly for forcing to flower and then using the foliage for flower arrangements. The flowers are pure white, single, double and full flowered spikes, and are particularly valuable for edgings. They produce an unbroken row of foliage about one foot high and continuous bloom. Colors, White, Red, Pink. Price, other color, doz., 35c; 100 for $1.25, postpaid; per 1,000, $7.00 (exp.).

**ZEPHYRANTHUS**

One of the prettiest and most easily grown bulbs for pot culture. Plant three or four bulbs in a five or six-inch pot. Treat in garden same as Gladiolus. Beautiful clear rose; flowers large and very handsome.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price, each</th>
<th>Price, doz.</th>
<th>Price, 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>$1.15</td>
<td>$12.00</td>
<td>$100.00</td>
</tr>
<tr>
<td>25c</td>
<td>$2.10</td>
<td>$25.00</td>
<td>$200.00</td>
</tr>
<tr>
<td>40c</td>
<td>$3.00</td>
<td>$35.00</td>
<td>$300.00</td>
</tr>
</tbody>
</table>

**THE TUBEROSES**

One of the best known and most easily grown summer flowering bulbs. Easily recognized by its exquisite fragrance and beautiful flower spikes, which are borne on long stems, making it an admirable cut-flower for house decoration. If started in pots and then transplanted to open ground can be had much earlier.

**EXCELSIOR DWARF PEARL**

Our Exceans Dwarf Pearl is a special selection, made for many of the most dwarf double and full flowering spikes, and is exceptionally sturdy and dwarf in habit; particularly valuable for vase displays, hotels, restaurants and private homes.

<table>
<thead>
<tr>
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<td>$2.10</td>
<td>$25.00</td>
<td>$300.00</td>
</tr>
</tbody>
</table>

**EXCILLISICOLOR**

This variety blooms year after year and has a fragrance similar to the "Jasmine." Price, each, 7c; doz., 75c, postpaid; per 100, $6.00, by exp.

**ALBINO.** Branching single variety, early bloomer. Price, each, 7c; doz., 75c, postpaid; per 100, $6.00, by exp.

**MEXICAN TUBEROSE**

These come from the high table land of Central Mexico. They have tall, stiff stems, flowers pure white, single, double and full flowering, and weather except hard frosts, commence to bloom in May and are a mass of white until frosted.

Price, each, 7c; doz., 75c, postpaid; per 100, $5.00, by exp.
Vaughn's Lily Bulbs

For Pot Culture or Out-door Planting in Beds or Hardy Plant Border

For color, fragrance, beauty and variety of form, nothing can equal these grand flowers; whether grown in pots or grouped in the hardy plant border, where their hardiness makes them so desirable, they are always an object of beauty, and by judicious selection one can have a continuous bloom from early summer until fall.

Free pamphlet, "Naturalizing Lilies," ask for it with order.

Outdoor Culture.—When planting Lilies out of doors, see that they have a well drained position, and where they will be shaded from every hot sun. Such places can usually be found around the shrub borders, and in the hardy plant border.

Spade over the ground thoroughly to a depth of 18 inches before planting Lilies and enrich it by adding equal portions of leafmould, peat and rotten manure. Plant the bulbs 4 to 6 inches deep, putting some sand under and around the bulbs.

Indoor Culture.—Lilies should be set immediately upon receipt, if intended for growing in pots or for forcing. In potting use a compost of fibrous loam and sweet decomposed leaf soil, with plenty of course sand or a mixture of good peat, loam and sand, adding to the compost a few pieces of charcoal. See that the pot is covered with soil, thus leaving room to top dress and fill the pot with more soil when time will stimulate the plant wonderfully. Thorough rooting is essential.

Soidal application of liquid cow manure, starting about six weeks before flowering will produce more flowers than the ordinary variety.

Approximate Weights of Liliums.

Lilium Speciosum—Lance-leaved Lily

These lilies are probably the most popular of all, succeeding equally well in open border or in pots. When fully open, the petals recurve gracefully on the flower stem, exposing the beautiful rose and crimson markings, which characterize the Rubrum Magnificum—purplish crimson. For forcing. Very fragrant and producing in abundance. Plant the bulbs 4 to 6 inches deep, putting some sand under and around the bulbs.

Large Clumps. For outdoor planting, clumps are best to plant. They do best in a shady, moist place. We especially recommend the clumps for outdoors, as they give a quicker and better effect at less cost. Each, 35c; doz., $3.50; 100, $25.00.

First Size (8-9 in.).  $0.35 $3.50 $25.00

Jumbo (11-12 in.).  $0.40 $4.00 $30.00

Lilium Myriophyllum (New)

A New and very rare lily from China. The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for out door planting. Each, 60c; per doz., $6.00.

Lilium Myriophyllum

Canadense.—(Meadow Lily.) Gracefully drooping, Each Doz. 100

bell-shaped, red and yellow flowers typical of our northern meadows. $0.15 $1.50 $12.00

Henryi. A new, rare, and very beautiful Lily from China. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each; apricot spotted brown. 60 6.00

Elegans Mixed. A splendid assortment of this type. 15 1.50 12.00

Kramerii. Delicate rose pink of elegant outline and graceful habit. Blooms in July. 35 3.25 25.00

Superbum. The finest of the native Lilies. Flowers bright orange, spotted purple. 15 1.50 12.00

Tigrinum Splendens. Very hardy native Lily; orange, spotted purple. 20 2.00 15.00

Tigrinum Florum Pleno—(Double Tiger Lily). The well known double Tiger Lily. Rich orange blossoms, 4 foot. 20 2.00 15.00

Tigrinum Fortunei—(Improved Tiger Lily). Bulbs will produce more flowers than the ordinary variety. 20 2.00 15.00

Umbellatum. Colors range from deep red through all shades of crimson, rose, yellow, buff and apricot. 20 2.00 15.00

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Spade over the ground thoroughly to a depth of 18 inches before planting Lilies and enrich it by adding equal portions of leafmould, peat and rotten manure. Plant the bulbs 4 to 6 inches deep, putting some sand under and around the bulbs.

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Soidal application of liquid cow manure, starting about six weeks before flowering will produce more flowers than the ordinary variety.
**Vaughan's Perennial Flower Seed**

**PERENNIAL** plants usually bloom from seed the second year from sowing although many varieties flower the first year if sown early.

An ideal way to plant is in a seed bed in May, June or July and even early August, and transplant the seedlings when large enough to handle to their permanent location where they are to flower. Perennials usually multiply and plants may be divided when too large.

Those who own their homes ought to invest in ten or more perennials each year. They are satisfactory inasmuch as after they become established they practically take care of themselves. Perennials generally have their own time of blooming so you can expect a bed of the same color at the same time each year if the plants are undisturbed. Some kinds, like the Delphiniums, bloom twice in a season provided the first flowers are removed before the seed pods form.

Some varieties, like the Shasta Daisy and Gaillardia, bloom the entire summer. For an amateur, we would suggest the following varieties with which to begin a collection. These succeed with little care and flower nearly all season. Carnation Grenadin, Coreopsis, Delphinium Barbatus, Dianthus Plumaris, Delphinium, Gaillardia, Hollyhock, Poppy Nudicaule, Pyrethrum and Shasta Daisy.

If interested in larger amounts (by weight), please submit list of requirements for quotation. In many varieties we can quote up to 1 lb. or more.

**Special Offer of Perennial Seeds:** Any 3 10c pkts. for 25c; any 2 15c pkts. for 25c.

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Varieties</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5001</td>
<td>Mollis</td>
<td>Flower spikes 4 ft. high of mixed colors. Pkt., 10c.</td>
<td>August. Pure white, fine for cutting; blooms all summer. Excellent for cutting. Pkt., 10c.</td>
</tr>
<tr>
<td>5002</td>
<td>Flos Jovis</td>
<td>1 ft. Beautiful pink flowers. Pkt., 10c.</td>
<td>Mixed. Attractive free-flowering, producing bright colored flowers on stems 2 feet or more above the beautiful, dark green, divided foliage. Pkt., 10c.</td>
</tr>
<tr>
<td>5003</td>
<td>Vervaeana Atroviolacea Plena</td>
<td>2 ft. Double white flowers. Pkt., 10c.</td>
<td>One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Pkt., 10c.</td>
</tr>
<tr>
<td>5004</td>
<td>Fischeri</td>
<td>2 ft. Sept. Large porcelain blue flowers. Pkt., 10c.</td>
<td>One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Pkt., 10c.</td>
</tr>
<tr>
<td>5005</td>
<td>Napellus</td>
<td>2½ ft. August. Fine rich blue flowers. Pkt., 5c.</td>
<td>One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Pkt., 10c.</td>
</tr>
<tr>
<td>5012</td>
<td>Flos Jovis</td>
<td>1 ft. Beautiful pink flowers. Pkt., 5c.</td>
<td>One of the most beautiful of our native American flowers. Sepals, deep blue; petals, white. Pkt., 10c.</td>
</tr>
</tbody>
</table>

**AQUILEGIA (Columbine)**

**COLUMBINES** are among the most beautiful hardy perennials producing graceful spurred flowers on stems 2 feet or more above the beautiful, dark green, divided foliage. Pkt., 10c.

<table>
<thead>
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</tr>
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<tbody>
<tr>
<td>5035</td>
<td>Mrs. Scott Elliott's Strain of Long Spurred Hybrida</td>
<td>The flowers are very large and of distinct shades of blues, lavenders, mauve, whites, creams, pinks, reds, yellows, etc. Many of these colors being entirely new in the species and are the result of very many years careful hybridisation. Pkt., 25c.</td>
<td>Long Spurred Columbines. Mixed. Pkt., 15c.</td>
</tr>
</tbody>
</table>

**ASTER**

NOW fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months up to November, when other flowers are scarce.

<table>
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<th>Varieties</th>
<th>Description</th>
</tr>
</thead>
</table>

**ANEMONE (Wind Flower)**

**VERY** pleasing hardy plants for the herbaceous border. Fine large flowers, few plants compact with them in beauty. Excellent for bouquets and table decorations. Pkt., 10c.

<table>
<thead>
<tr>
<th>Code</th>
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<th>Varieties</th>
<th>Description</th>
</tr>
</thead>
</table>
CAMPANULA (Bell Flower)

BELL shaped flowers, well-known: equally useful for flower border, shrubbery or wild garden.

5105 Single Blue. 5106 Single Pink. Pkt., 10c.
5110 Latisquama. Delicate pink. Pkt., 10c.
5112 Mixed. Pkt., 10c.
5113 Mixed, Blue and White. Pkt., 10c.
5114 Pyramidalis (Chimney Bellflower). Blue. 2 ft. Pkt., 10c.
5115 Pyramidalis Alba. Pkt., 15c.
5116 Pyramidalis Mixed. Pkt., 10c.

CANDYTUFT See Iberis

DIANTHUS (Hardy Garden Pinks)

CHARMING summer flowering border plants, more or less fragrant; should be planted in full sun or open situation, adding lime or old mortar rubble to the soil at time of planting.

5177 Cassius (Cliff Pink). Flowers delicate rose color, fragrant. Pkt., 15c.
5178 Deltoile. 9 in. Masses of small deep rose flowers, neat creeping habit. An excellent rock or edging plant. Pkt., 10c.
5180 Plumarius Cypros (Clove Pink). An exquisite mixture of colors. Pkt., 10c.
5183 Perfection. 15 in. White, crimson center. Pkt., 15c.
5185 Semipersiflorus. 15 in. Single and double, flowers all spring and summer. Mixed colors. Pkt., 15c.
5188 Vaughan's Special Mixture. A grand selection of clove pinks of the above Plumarius type and others. Pkt., 20c.

DELPHINIUM—Continued.

5162a Chinese Mixed. Pkt., 10c.
5163 Elatum Hybrimum, Single Mixed. 3 ft. Pkt., 10c.
5164 Double Mixed. 3 ft. Pkt., 15c.
5165 Formosum. 3 ft. Deep blue, white eye, open spike. Pkt., 10c.
5171 Belladonna (Light Blue). 2 ft. Flowers exquisite shade of turquoise blue. Pkt., 20c.
5175 Zalil. 3 ft. Sulphur yellow. Pkt., 25c.
5176 Vaughan's Gold Medal Hybrids. This strain is especially grown for us, the seed being saved from selected plants. Many of them are double flowered, and range in color from pale lavender to indigo-blue. Pkt., 25c.
DIGITALIS (Gloxiniasella)—Continued.
5214 Pink. 5215 Purple. Each color. Pkt., 10c.
5217 Mixed Colors. Pkt., 10c.
5220 Maculata Iveryana. Splendid spotted strain, mixed colors. Pkt., 10c.
5221 Monstrosa Mixed. Long spikes surmounted by one enormous flower. Pkt., 10c.
5222 Purpurea Mixed. Many colors. Pkt., 10c.
5223 Vaughan’s Special Mixture of Digitalis. A grand mixture of the above, and many other colors, grown especially for this mixture. Pkt., 15c.

ECHINACEA (Coneflower). 4 ft.
5225 Hybrida. Flowers of various shapes, produced in a wide range of colors. Pkt., 15c.
5226 Purpurea. A very handsome border plant bearing large heads of rosie purple flowers, and dark central disc. Pkt., 15c.

ECHINOPS (Globe Thistle)
HANDSOME, strong-growing plants with thistle-like leaves and globe-shaped bristly flowers.
5227 Rito. 3 ft. Metallic blue flower heads. Pkt., 10c.
5228 Sphaerocephalus. 4 ft. Grayish white flowers on stout stems. Pkt., 10c.
5229 EDELWEISS. 5 in. True and familiar Edelweiss of the Alps. The flowers are of avenity texture, pure silver white and star-shaped. Succeeds in almost any not too rich soil with full exposure to the sun. Pkt., 10c.

DIANTHUS (Hardy Pink)
5230 Digitalis—Continued.
5246 Sulphurea Oculata. Pale yellow, maroon eye. Pkt., 10c.
5247 New Hybrids. Very large flowers, in a great variety of colors. Pkt., 25c.

GENTIANA
BEAUTIFUL hardy border and rock plants, with shades of blue surpassing those found in any other family of plants. Grow in most shady situation in sandy loam.
5248 Acutiloba. 1 in. Large bell-shaped deep blue flowers; spring blooming. Pkt., 10c.
5250 GEUM Coccineum Atrosanguinea Plenum. 1½ ft. Flowers are double, bright scarlet in color and last well when cut. Very large and profuse bloomer. Pkt., 10c.
5251 Heldreichii. Beautiful orange flowers produced very freely. Pkt., 10c.
5252 Mrs. Bradshaw. Double. The orange-scarlet flowers are very large and full; comes quite true from seed and blooms the first year. Pkt., 25c.

GOLDEN ROD—See Solidago

GYPSOPHILA
GRACEFUL border and rock plants with small flowers on light stems. Greatly prized for cutting.
5261 Paniculata Flore Pleno. A great improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. Not quite fixed, but about 22 per cent come true. The plant is difficult to propagate by division, and seedlings prove much more vigorous. Pkt., 25c.
5262 Paniculata (Breath). 2 ft. July-Aug. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt., 10c.

HELENIUM (Sneezewort)
DELIGHTFUL perennials allied to the Helianthus (Sunflower). Splendid and lasting as cut flowers.
5264 Autumnale Superbum. 5 ft. Large clear light yellow, flowers in Sept. Pkt., 10c.
5267 Bigelowii. 3 ft. Large rich yellow flowers. Pkt., 10c.
5269 Riverton Gem. 2 to 3 ft. Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wall-flower red. Pkt., 15c.

HELIANthus (Hardy Sunflower)
PRODUCING a grand, effect planted in garden beds or borders, or in the woodlands or wild garden.
5270 Maximillani. Small and graceful flowers of deep yellow on stems 2 to 4 feet long, blooming from August to October. Pkt., 25c.
5271 Perennial Varieties, Mixed. Pkt., 15c.

DIGITALIS (Foxglove)
ERYNGIUM (Sea Holly)
HANDSOME ornamental plants for flower and shrubbery borders. Flowers July to Sept.
5232 Alpinum. 3 ft. Finest foliage with bluish green shoots, terminating in numerous amethyst-blue thistle-like flowers. Pkt., 10c.
5234 Plenum. 3 ft. Small steel blue globular flowers; graceful decorative plant. Pkt., 10c.

EUPATORIUM (Thorough Wort)
5236 Grandiflora. 2 ft. Large white ageratum-like flowers; does well in shade. Pkt. 10c.
5238 Fraseri. 18 in. Pure white. Pkt., 10c.

GAILLARDIA (Blanket Flower)
JUNE to October. 2 ft. Their long-flowering period, long stems and bright color make these one of the most valuable of perennials, being easily grown in beds or borders in ordinary garden soil.
5242 Semiplena. Double row of petals, yellow with red center. Pkt., 10c.
5243 Compacta. Varied colored compact flowers well above foliage. Pkt., 10c.
5245 Maxima Kermesina Splendens. Center crimson, canary yellow border. Pkt., 10c.

GAILLARDIA GRANDIFLORA
HOLLYHOCK—Continued.

Single Varieties

More permanent and hardy than the double and when planted with a deep green background, such as arborvitae hedge, they afford a most striking effect. Fine among shrubbery and will last for years when once established.

5301 Red
5302 Pink
5303 Black
5304 Flesh

Each, pkt., 10c.

5308 Mixed. Pkt., 10c.


5310 IRIS (Flowering Flag) Kaempferi (Japanese Iris.) The seeds we offer have been saved from our own uncontrolled collection, and should produce only varieties of the highest merit. Seed of slow germination. Pkt., 10c.

5312 Gibraltarica. Pinkish white, bushy habit. Pkt., 10c.

5313 Semprevirens. Flowers form a sheet of whiteness. Pkt., 15c.

5279 FINEST SHADES

RANGING FROM LIGHT PURPLE TO BRIGHT SCARLET


5285 White
5286 Salmon
5287 Pink
5288 Rose
5289 Black

Each color, pkt., 5c.

5287 Pink
5289 Black

Very showy pink flowers. Pkt., 10c.


HOLLYHOCK 6 to 8 ft. Aug. to Sept.

One of the hardy garden flowers. Makes a charming hedge or background. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy, but much can be done to prevent it and reduce the damage by spraying the plants with Bordeaux mixture.

Double Varieties

5286 White 5290 Salmon
5287 Pink 5291 Yellow
5288 Rose 5292 Crimson
5289 Black 5293 Blood-Red

Each color, pkt., 10c.

5297 Allegheny Mixed. Flowers come single, semi-double and double, seldom less than 3 inches across, and are beautifully fringed. They are perpetual bloomers, two or four buds forming at the base of every leaf, where the old-style Hollyhocks have but one or two. These buds open in succession, prolonging the flowering season until autumn. Pkt., 10c.

5300 Vaughan’s Prize Mixture. Finest shades in perfect flowers. Pkt., 10c.

LUPINUS POLYPHYLLUS


5315 Grandiflora. 1 ft. Dwarf crimson flowers with white and yellow throat. Pkt., 10c.

5312 Gibraltarica. Pinkish white, bushy habit. Pkt., 10c.

5313 Semprevirens. Flowers form a sheet of whiteness. Pkt., 15c.

LATHYRUS—Latifolius

Hardy Pea

Very decorative climbing vines of the pea family, for growing on fences, trellis, etc., as floral screens and for cutting. Blooms all summer.

5316 Albus. 6 ft. Pure white. Pkt., 10c.


5318 Rubra. Bright rosy crimson. Pkt., 10c.

5319 Mixed. The above colors. Pkt., 10c.

LIATRIS

Gay Feather. Button Snakeroot. A group of plants of the composite family, with purplish or nearly white flower-heads. Fine for the border, succeeding in any good soil. Liatris are easily grown from seed and last for years.

5320 Spicata (Devil’s Bit). Dense spikes of rosy purple. Pkt., 10c.


LATHYRUS—Latifolius


LATHYRUS Latifolius


LATHYRUS Latifolius


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LATHYRUS Latifolius

PHYTOSTEGIA (False Dragon Head) 3 ft. June to Sept.
5386 Virginica. Dense bushes with spikes of delicate pink tubular flowers. Pkt., 10c.
5387 Alba. Pkt., 10c.

PLATYCODON (Chinese Moon Flower) VERY handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons, they flower from June to September.
5391 Grandiflorum. Large handsome deep blue flowers. Pkt., 10c.
5392 Album. Pure white. Pkt., 10c.

POLEMONIUM (Jacob's Ladder) 5395 Coeruleum (Greek Valerian). 2 ft. Beautiful blue flowers. Pkt., 10c.
5396 Grandiflorum. Pure white. Pkt., 10c.

POTENTILLA (Cinquefoil) 5397 Formosa, Strawberry-like foliage, with cherry rose colored flowers in summer. Pkt., 10c.
5398 Red Delicious. Pkt., 10c.
5400 Double Mixed. All colors. Pkt., 20c.

POPPY—See Papaver

PRIMULA (Primrose) 5401 Auricula. 6 in. flowers in early spring in colors of yellow, brown and red. Pkt., 10c.
5402 Japonica, Mixed. Pkt., 15c.
5404 Elata. Pkt. 10c.
5406 Lutea Gigantea. Fine yellow, a remarkably handsome variety. Pkt., 25c.
5407 Variegata (Common Primrose). Flowers yellow, Pkt., 10c.
5411 Roseum, Double Mixed. Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c.

PYRETHRUM

PYRETHRUM ROSEUM MYOSOTIS—Continued.
5360 Palustris. The true Swamp Forget-me-not. Pkt., 20c.
5361 Semperflorens. Dwarf blue, in flower from early spring until autumn. Pkt., 20c.

SEMPERVIVUM. (Cape Henslowa). A most useful and hardy plant for all garden situations. Pkt., 10c.

SEMPERVIVUM—Continued.
5366 Macracarpa. 1 ft. Long trailing stems with large yellow flowers. Pkt., 10c.

PAPAVER—Poppy

5368 Nudicaule Yellow. 5369 Orange. Pkt., 10c.

VENTY handsome and showy border plants. Flowers borne in compact form on stout 3 and 4-foot stems, having the appearance of a sheet of vivid crimson flowers. Pkt., 10c.

5408 Rubra. 2 ft. Sweet scented red flowers. Pkt., 10c.
5415 Alba. Pure white flowers. Pkt., 10c.


5401 Auricula. 6 in. flowers in early spring in colors of yellow, brown and red. Pkt., 10c.
5402 Japonica, Mixed. Pkt., 15c.
5404 Elata. Pkt. 10c.
5406 Lutea Gigantea. Fine yellow, a remarkably handsome variety. Pkt., 25c.
5407 Variegata (Common Primrose). Flowers yellow, Pkt., 10c.

PYRETHRUM

ONE of the most valuable of our early summer flowers, Charming color, and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; of colors almost every shade, which make them foremost in this particular season.
5411 Roseum, Double Mixed. Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c.

RUDBECKIA ( Cone Flower) SOMEWHAT resembling the Sunflower, but differing in the central disc of the single flowers protruding in the form of a cone. A highly ornamental Autumn-flowering plant, much valued for cutting.
5422 Fulgida. yellow. Pkt., 10c.
5423 Large Flowered Yellow. Pkt., 10c.
5424 Newmanii. 3 ft. Rich golden yellow with central black disc. Pkt., 10c.
5426 SALVIA Argentea. 3 ft. Silvery-white foliage, pyramids of white flowers. Pkt., 10c.
5431 SARPONISCA Octomoides Splendens. 6 in. A showy dwarf trailing plant, producing a sheet of vivid crimson flowers. Pkt., 10c.
5434 SCABIOSA Caucasia (Pincushion Flower) flowers on long stem; fine for cutting. Pkt., 15c.
5435 Caulis Alba. Flowers white, very beautiful. Pkt., 15c.
5436 Japonica. 2 ft. Lavender blue flowers. Pkt., 10c.

SILENE (Catchfly). July to Oct.

USEFUL plants for front row of Herbaceous border, bearing quantities of bright flowers.
5439 Orientalis. 8 in. Handsome rosy pink flowers. Pkt., 10c.
5440 Alba. Pkt., 10c.

SUDDAGIO (Golden Rod) 5442 Canadensis. 3 ft. Gracefully arched sprays of golden yellow flowers. Pkt., 10c.
5443 STACHYS Lanata. Grown for the effect of its dwarf, white wooly foliage; the flower spikes should be removed. Pkt., 10c.

STATICE (Sea Lavender) LARGE spreading panicles of light graceful flowers, much prized for winter decoration dried.
5444 Lattiolia. 2 ft. Dense branching plumes of deep blue flowers. Pkt., 10c.
5447 Cyanea Alba. The white companion of the preceding. Pkt., 10c.
5448 Mixed Colors. Pkt., 10c.

SWEET WILLIAM. See Dianthus Barbatus

THALICTRUM (Meadow Rue) 5449 Adiantifolium. 9 in. June-July. Finely cut, slender hair-like foliage, with light plumes of small whitish flowers. Pkt., 10c.
5449a Aquilegillum Album. Showy feathered spikes of rosy purple flowers, graceful fern-like foliage. Pkt., 10c.
5450 Dipertocarpum (New) 4-5 ft. A new introduction from China. Very graceful plants, produce masses of conspicuous yellow anthers.

TRITOMA (Torch Lily, Flame Flower or Jack-and-the-Bean-Stalk). 50 ft. Flourishes where nothing else will grow. The large boldest of the brightest green afford a dense shade, and, more than this, are there is its wonderful strong growth. Pkt., 10c.
Perennial Plants of European origin, can no longer be imported except for propagating purposes, by ruling of the Federal Horticultural Board’s Plant Quarantine Act No. 57, which went into force June 1st, 1917. For the present, therefore, our list of plants must be curtailed until stock of our own propagation is ready to send out.

Plants should be ordered by name and on the separate order sheet provided for them. Give quantities desired in plain figures and write only one kind on each line.

Prices of Plants—Important Changes for 1921

The increased cost of labor and time involved in collecting, labeling and assembling long and extended lists of plants when ordered one of a kind, compels us to charge the following prices for single plants; on the other hand we make the price of twelve and three of a kind so attractive that it should induce our customers to buy at least that number, or the maximum allowed by their known requirements, but fewer varieties, and less chance of total failures, having three to succeed with instead of one.

We respectfully urge our customers to adopt this plan for their own economy and to facilitate expeditious filling of orders.

Prices This Year are as follows:

<table>
<thead>
<tr>
<th>Plants priced at</th>
<th>Supplied for Each</th>
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</thead>
<tbody>
<tr>
<td>($2.50)</td>
<td>$0.65</td>
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<tr>
<td>(3.00)</td>
<td>$0.75</td>
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<td>$0.85</td>
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<td>(4.00)</td>
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<td>(4.50)</td>
<td>$1.25</td>
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<tr>
<td>(5.00)</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

25 plants of a variety at the 100 rate where listed by the hundred.

Plants by Parcel Post If to be sent by parcel post add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c.

We accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express We recommend this mode of transit where quantities are over 18 plants. We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

Plants by Express

ACHILLEA. (Yarrow, Milfoil.) Free flowering plants of easy culture for the mixed border; suitable for cutting.

—The Pearl. 2 ft. June to Aug. Pure white, fine for cutting. Doz., $3.00; 3 for 85c.

ACONITUM (Monkshood). Roots are poisonous, with bold spikes of hood-shaped flowers, valuable for cutting; very effective in flower borders and shrubberies, thriving anywhere.

—Spark’s Variety. 5 ft. Aug. Violet blue. Doz., $3.60; 5 for $1.00.

ACYLISUM—Saxatile Compactum (Basket of Gold). 1 ft. May-June. Greatly prized for its masses of golden yellow flowers. Per 100, $15.00; doz., $3.00; 3 for 85c.

—The Pearl. 2 ft. June to Aug. Pure white, fine for cutting. Doz., $3.00; 3 for 85c.

AQUILEGIA (Columbine)

COLUMBINES are among the most beautiful hardy perennials, producing graceful spurred flowers on stems 2 feet or more above the beautiful dark green divided foliage. Our Long Spurred Mixed are selected from the very finest kinds, free of habit and of great vigor.

—Chrysantha. 3 ft. Yellow, long spurred. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Chrysantha Grandiflora Alba. 3 ft. Large flowering, pure white, long spurs. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Long Spurred Columbines. Mixed. An improved strain of Columbines, bearing flowers of many rich and varied colors with broad petals and long spurs. Colors are distinct shades of white, salmons, lavender, yellow, mauve, pink, etc. Extra fine. Per 100, $20.00; doz., $3.60; 3 for $1.00.

ARMERIA (Thrift, Sea Pink or Cliff Rose)

GRAND plants for crevices of walls and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the sea coast. June-July.
—Lauchea, var. in. Crimson flowers, deep green tufty foliage. Per 100, $15.00; doz., $3.00; 3 for 85c.

ASTERS

Now fill a most important place in all hardy flower gardens, lifting up the borders and shrubberies with their masses and clouds of dainty and brightly-colored blossoms throughout the autumn months up to November, when other flowers are scarce. To cut for vases, church decoration, etc., they provide an inexhaustible supply.

—Novae Angliae. 3 ft. Sept.-Oct. Deep purplish blue. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Novae Belgiae, Climax. 4 to 5 ft. (New.) This in our opinion is the best Michaelmas Daisy introduced in many years. Forms branching plants covered in fall with delightful lavender blue flowers from one to two inches in diameter. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Novae Belgiae, Climax. White. A new variety of remarkable racemen. Some growth and flower as Climax except color which is pure white. Doz., $4.00; 3 for $1.25.

BOLTONIA Asteroides (False Chamomile). 6 ft. White. Large daisy-like flowers, valuable for cutting. Per 100, $15.00; doz., $3.00; 3 for 85c.

BUDDLEIA Variabilis Veitchiana (Butterfly Bush). 5 ft. Aug.-Oct. A new and beautiful shrub-like plant, producing pendulous branches terminating in long spikes of beautiful lilac-mauve flowers. Requires same protection as roses in winter. Planted with Aster “Climax” (above) the effect of the combination will delight those who try it. Per 100, $15.00; doz., $3.00; 3 for 85c.

CAMPANULA (Bell Flower)

BELL shaped flowers, well known; equally useful for border decoration, shrubbery or wild garden.
—Carpathica (Harebell). 9 in. July. Pretty blue, dwarf. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Alba. 9 in. July. Pure white. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Calyxanthem White, Pink, Blue. White, pink or blue. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Calyxanthem (Cup and Saucer). 2 ft. June to Aug. Mixed colors. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Medium (Canterbury Bell). 2 ft. Blue, Pink or White. Separate colors. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Mixed Colors (Canterbury Bells). Per 100, $15.00; doz., $3.00; 3 for 85c.
—Pyramidals (Chimney Bellflower). Blue. 5-6 ft. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Pyramidals Alba. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Vanhouten’s Special Mixture. A grand assortment of all varieties. Fine for cut flowers and borders. Per 100, $15.00; doz., $3.00; 3 for 85c.

CANTERBURY BELL (See Campanula Medium)

CARNATION (Hardy)

OLD-FASHIONED flowers, valuable for border decoration and cutting.
—Grenadin. Double. Fine scarlet. Perfectly hardy. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Grenadin Double White. Splendid cut flowers. Per 100, $15.00; doz., $3.00; 3 for 85c.
—Grenadin Mixed. Per 100, $15.00; doz., $3.00; 3 for 85c.
—CHHELONE Barbatus Torreyi. 3 ft. July-Aug. Long coral red spikes like a Penstemon. Per 100, $15.00; doz., $3.00; 3 for 85c.
—CHIVES. Used for seasoning. Per 100, $12.00; doz., $2.00; 3 for 60c.
—CHRYSANTHEMUM Maximum (Moonpenny Daisy). Per 100, $15.00; doz., $3.00; 3 for 85c.
Vaughan's Perennial Plants

JUNE to October. Hardy plants that bloom throughout the summer.

**DIANTHUS (Hardy Garden Pinks)**

*a.* Johnson's Giants. The range of color includes shades which are not to be found in other strains, and the peculiar and delicate markings on the flowers are most attractive.

Per 100, $15.00; doz., $3.00; 3 for 85c.

*b.* Nigrescens. Flowers almost black.

Per 100, $15.00; doz., $3.00; 3 for 85c.

*c.* Salmon. A very pleasing shade.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**DIANTHUS Barbatus (Sweet William)**

*Diadematus.* One of the prettiest, flowers rose, spotted and sprinkled with white.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**DIGITALIS (Foxglove)**

*Fraxinella Alba.* (Gas Plant.) 3 ft. Spikes of attractive pure white scented flowers.

Per doz., $3.60; 3 for $1.00.

**DICTAMNUS**—Fraxinella Alba. (Gas Plant.) 3 ft. Spikes of attractive pure white scented flowers.

Per doz., $3.60; 3 for $1.00.

**DICTAMNUS—**Mixture—Fraxinella Alba. (Gas Plant.) 3 ft. Spikes of attractive pure white scented flowers.

Per doz., $3.60; 3 for $1.00.

**ASTER ‘Climax’**

**COREOPSIS (Tickseed)**

* Aster ‘Climax’

3 to 5 ft.

**ECHINOPS—**Ritro. (Globe Thistle.) Handsome, meritorious amethyst blue thistle-like flowers. Large pale blue flowers, 2 in. in diameter, on sturdy stalks. Very hardy.

Per doz., $3.00; 3 for 85c.

**OSMUND—Fraxinella Alba. (Gas Plant.)** 3 ft. Spikes of attractive pure white scented flowers.

Per doz., $3.60; 3 for $1.00.

**FERNS**

**CHRYSANTHEMUM MAXIMUM**

Vaughan's Special Mixture of Digitalis. A grand mixture of the above, and many other colors, grown especially for this mixture.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**diecitra—**Salmon. A very pleasing shade.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**EINOTHEL—**Salmon. A very pleasing shade.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**GERBERA—**Lancifolia. Attractive medium-sized flowers. Particularly good for borders and groups.

Per doz., $3.00; 3 for 85c.

**CHRYSANTHEMUM—**Maxillaries. A large mixture of the variety above, and many other colors.

Per doz., $3.00; 3 for 85c.

**EUPATORIUM**—Coelostum (Thorough Wort Mill Flower) 2 ft. Sept. Heliotrope flowers, very useful for borders.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**FERNS**

**HARDY Ferns** are especially suited to partial and dense shade and will flourish where grass will not grow. For naturalizing in woodland they are fine reactors associated with Foxgloves, Fun- kias and Aquilegias. They make a grand effect in shady spots in any garden. Their culture is easy. If possible, add leaf mold or other decayed wood to the soil at time of planting.

**Adiantum Pedatum** (Maidenfern) 1 ft. The best dwarf fern.

**Asplenium Angustifolium** (Spleenwort). 3 ft. Handsome, stately fern.

**Asplenium Flexifolium** (Lady Fern). 2 ft. Fine delicate fronds, very hardy, will grow in the sun if soil is kept moist.

**Aspidium Cristatum**. 2 ft. Grows well in swampy situations.

**Aspidium Goldianum**. 4 ft. One of the finest Aspidiums.

**Aspidium Thelypteris**. 2 ft. Very variable, fronds long and narrow.

**Onoclea Struthiopteris** (Ostrich Fern). 3 ft. One of the most stately and best for cultivation; handsome dark green fronds.

**Osmunda Claytoniana**. 3 ft. A good fern for the shady corner, 7 to 12 inches wide, broader than long.

Any of the above, per 100, $15.00; doz., $3.00; 3 for 85c. (Ready March 15.)

**FUNKIA (Day Lily)**

**GAILLARDIA** (Blanket Flower)

**GRACEFUL** border and rock plants with small flowers on light stems. Greatly prized for cutting.

**-**Paniculata (Baby's Breath). 2 ft. July-Aug. Small flowers on branched stems, so thick as to give the plant a white-face-like effect.

Per 100, $15.00; doz., $3.00; 3 for 85c.

**-**Paniculata Flore Pleno. Minute double white flowers, very beautiful decorative.

Per doz., $3.00; 3 for $1.40.

**GYPSOPHILA**

**HARDY Ferns** are especially suited to partial and dense shade and will flourish where grass will not grow. For naturalizing in woodland they are fine reactors associated with Foxgloves, Funi- kias and Aquilegias. They make a grand effect in shady spots in any garden. Their culture is easy. If possible, add leaf mold or other decayed wood to the soil at time of planting.

**Amphicarpum** (Sea Holly). July-Sept. Handsome ornamental plants for flower and showbery borders. 3 ft. Fine foliage with bluish green shoots, terminating in numerous amethyst blue thistle-like flowers.

Per doz., $3.00; 3 for 85c.

**EUPATORIUM**—Coelostum (Thorough Wort Mill Flower) 2 ft. Sept. Heliotrope flowers, very useful for borders.

Per 100, $15.00; doz., $3.00; 3 for 85c.


Per doz., $3.00; 3 for 85c.
**Vaughan's Perennial Plants**

**HELIANTHUS** (Hardy Sunflower)

Producing a grand effect planted in garden beds or borders, or in the woodlands or wild garden.

- Multiflorus Plenius. 4 to 5 ft. Double yellow flowers, useful for cutting. July-Oc.t. Resembléd large yellow Dahlias. Per 100, $15.00; doz., $3.00; 3 for 85c.
- Rigidus, Miss Mellish. 7 ft. Large single yellow, tall handsome border plant. Per 100, $15.00; doz., $3.00; 3 for 85c.

**HELIOPSIS** Gratissima. 3 ft. July-Oct. Large orange flowers with several rows of florets. Unvaluable for cutting.

Doz., $3.00; 3 for 85c.

**HEMEROCAIIS** (Yellow Day Lily)

The Day Lilies are undoubtedly among the finest plants for ordinary garden culture, as they will grow anywhere. The flowers are in spades of from six to a dozen blooms, opening in succession, and are very useful for cut flowers. Good for borders, shrubries, wild garden or naturalizing.

Flava. July-Aug. Yellow. 3 ft. Per 100, $12.00; doz., $2.00; 3 for 65c.
Thunbergi. July. Golden yellow. 4 ft. Dz., $3.00; 3 for 85c.
Kwanso, fl. pi. June-July. Coppery red, double. 3 ft. Per 100, $12.00; doz., $2.00; 3 for 65c.

**HEUCHERA** (Alum Root). 2 ft. July-Aug. "Pinnate leaves, bearing throughout summer large spikes of from six to a dozen blooms, opening in succession, and are very useful for cut flowers. Good for borders, shrubries, wild garden or naturalizing.

Album. Milk white flowers, very decorative. Per 100, $15.00; doz., $3.00; 3 for 85c.
Rheingold. Orange and red. Per 100, $15.00; doz., $3.00; 3 for 85c.

**LYCHIIS** Chalcedonica (Jerusalem Cross). 3 ft. June-Aug. Brilliant scarlet in dense flat heads. A grand border plant. Per 100, $15.00; doz., $3.00; 3 for 85c.

**MALLOTHE** shrub-like plants, with handsome green foliage, bearing throughout summer large spikes of from six to a dozen blooms, opening in succession, and are very useful for cut flowers. Good for borders, shrubries, wild garden or naturalizing.

**HELIOPSIS** Gratissima. 3 ft. July-Oct. Large orange flowers with several rows of florets. Unvaluable for cutting.

Dz., $3.00; 3 for 85c.

**HIBISCUS** (Rose Mallow)

3 to 5 ft. July to Sept.

Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

-Mixed Mallow Marvels. Grand assortment. Per 100, $20.00; doz., $3.60; 3 for $1.00.
-Mallow Marvels. Enormous bright red flowers. Per doz., $4.00; 3 for $1.25.
-Mallow Marvels. Pink or white; separate colors. Per 100, $20.00; doz., $3.60; 3 for $1.00.

**HOLLYHOCK** 6-8 ft. Aug.-Sept.

One of the best hardy garden flowers. Makes a charming hedge or background. Hollyhock rust is the bane of every person who tries to grow hollyhocks. There is no remedy, but much can be done to prevent it and reduce the damage by spraying the plants with Bordeaux Mixture.

Double Red, Yellow, Maroon, Pink, or White. Per 100, $13.00; doz., $3.00; 3 for 85c.

**STATICE LAETIOELIA**

Michaelmas Daisy. See Aster (Hardy).

MINT. Old fashioned hardy useful plant. 4 in. pot.

Per 100, $12.00; doz., $2.50; 3 for 65c.

MONARDA (Bergamot, Oswego Tea). Flowers all summer.

Didyma. 3 ft. Terminal heads of rich scarlet flowers, emitting a very pleasant scent. Per 100, $15.00; doz., $3.00; 3 for 85c.

**NEPETA** Mussini. An excellent plant for rock garden or borders. Per 100, $15.00; doz., $3.00; 3 for 85c.

**PACHYSANTHA** Terminalis. 4 in. Small, whitish flowers in May, which are insignificant; deep green evergreen foliage, after the Helianthus type, but much smaller; unsurpassable where an evergreen carpet is required. Looks well on graves, around shrubs and under trees, thrives anywhere and invaluable where grass will not grow. Per 100, $15.00; doz., $3.00; 3 for 85c.


Per 100, $15.00; doz., $3.00; 3 for 85c.

Nudicaule Yellow. Orange. White. Any color. Per 100, $15.00; doz., $3.00; 3 for 85c.

**SEDUM SPECTABILE**

**RUDBECKIA** (Cone Flower)

Somewhat resembling the Sunflower, but differing in the central disc of the single flowers protruding in the form of a cone. A highly ornamental flowering plant, much valued for cutting.

Laciniata fl. pi. (Golden Glow.) 6 ft. July-Sept. Rich yellow, double flowers, much prized for cutting. Per 100, $15.00; doz., $3.00; 3 for 85c.

Salvia Pitcheri (Meadow Sage). 3 ft. Aug.-Oct. One of the finest blue garden plants for brilliancy, far in advance of Anchusa or Pachysandra. Its flowers in the fall right up to the first frost. Per 100, $15.00; doz., $3.00; 3 for 85c.

-Officinalis (Common Sage). Per 100, $12.00; doz., $2.50; 3 for 65c.
VAUGHAN'S HARDY PHLOX

THIS is one of the most useful flowers for summer decorations, the colors varying from pure white to deep crimson. They are not at all particular as to soil, and are exceedingly hardy. To obtain good results it is wise to mature the soil well and give them a fairly open situation, and an occasional soaking of water during very dry weather. Once planted, they require no further attention for several years, but it is advisable to renew them about every fifth year.

The flowering period is from the early part of July to the middle of September and they grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in the fall may be expected.

Our collection contains the finest of the new introductions. The colors are very beautiful and striking, and the individual flowers are in many cases twice and thrice the size of older varieties. Antonin Mercie. A beautiful grayish lilac with white center. A favorite among the light varieties.

Per doz., $2.50; 3 for 65c.

Crepescule. Large cherry red center, edged pale violet pink. The individual florets and spike are immense.

Per doz., $3.00; 3 for 85c.

Elizabeth Campbell. Bright salmon pink with lighter shadings and dark crimson eye. There is no better plant planted and few as large.

Per doz., $4.00; 3 for $1.25.

SEDUM (Stonecrop)

CHARMING plants, great diversity of character, much used for edgings, carpet bedding and on rockeries.

—Acre. 3 in. May-June. Common yellow stonecrop.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Brilliant. 12 to 15 in. Bright scarlet.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Latifolia. Deep rosy crimson shade.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Rubrum. 2 ft. Dark carmine rose flowers.

Per 100, $15.00; doz., $3.00; 3 for 85c.

SPIRAEA (Goat’s Beard or Meadow Sweet)

June-July.

—Filipendula fl. pl. (Double Dropwort). 2 ft. Dwarf cushions of fern-like foliage, with corymbs of double white flowers, useful for cutting.

Per doz., $3.60; 3 for $1.00.

STATICE (Sea Lavender)

LARGE spreading panicles of light graceful flowers, much prized for winter decoration dried.

—Latiol. 2 ft. Dense branching plumes of deep blue flower spikes.

Per 100, $15.00; doz., $3.00; 3 for 85c.

SWEET WILLIAM—See Dianthus Barbatus.

TARRAGON, True. Used for cooking purposes. Large clumps. (This variety does not produce seed.)

Per 100, $15.00; doz., $3.00; 3 for 85c.

THALICTRUM (Meadow Rue)


Per 100, $15.00; doz., $3.00; 3 for 85c.

—Dipterocarpum. 4-5 ft. A new introduction from China. Very graceful plumes of rosy-purple flowers and conspicuous yellow anthers. One of the most graceful and decorative plants in our whole list.

Per 100, $20.00; doz., $3.60; 3 for $1.00.

TRILLIUM Grandiflorum (Wake Robin), 12 in.

May-June. Large snowy-white flowers; one of the best of our native plants.

Per 100, $12.00; doz., $2.50; 3 for 85c.

TRITOMA (Torch Lily, Flame Flower, Red Hot Poker)

VERY handsome and showy border plants. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance at a distance of orange and red-colored spear heads. Require protection during winter, unless in a very sheltered position.


Per 100, $20.00; doz., $3.00; 3 for 85c.

VERONICA (Speedwell). Amethystina. 1 ft. May-July. Delightful flowers of a deep amethyst blue color.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Longifolia Subsessilis. 2 ft. Aug. One of the finest Autumn blue flowers, handsome heads of rich violet blue.

Per doz., $3.00; 3 for 85c.


Per 100, $15.00; doz., $3.00; 3 for 85c; 10c.

—Alba. Pure white form of the preceding.

Per doz., $3.00; 3 for 85c.

YUCCA Filamentosa (Adam’s Needle). 5 ft. June-July. Handsome, creamy white flowers, much branched and densely packed with bloom, while the sword-like foliage is very ornamental.

2 yr., doz., $3.00; 3 for 85c; 3 yr., doz., $4.00; 3 for $1.10.

VAUGHAN’S HARDY PHLOX

MISS LASSBERG

ANTONIN MERCIE

EUROPA

Phlox

Decussata

PAINTED—Adiantifolium. 15 in. June-July. Finely cut maiden-hair-like foliage, with light plumes of small whitish flowers.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Alba. Pure white form of the preceding.

Per doz., $3.60; 3 for $1.00.

—Dipterocarpum. 4-5 ft. A new introduction from China. Very graceful plumes of rosy-purple flowers and conspicuous yellow anthers. One of the most graceful and decorative plants in our whole list.

Per 100, $20.00; doz., $3.60; 3 for $1.00.

—Latifolia. Deep rosy crimson shade.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Longifolia Subsessilis. 2 ft. Aug. One of the finest Autumn blue flowers, handsome heads of rich violet blue.

Per doz., $3.00; 3 for 85c.

—Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height 4 in.

Per doz., $3.00; 3 for 85c.

—Subulata Rosea. Same as above but with dainty pink flowers. This and Alba are fine for graves.

Per doz., $3.00; 3 for 85c.

—Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height 4 in.

Per doz., $3.00; 3 for 85c.

—Subulata Rosea. Same as above but with dainty pink flowers. This and Alba are fine for graves.

Per doz., $3.00; 3 for 85c.


Per 100, $15.00; doz., $2.50; 3 for 85c.

Special Offer: No. 106A. One each of above 12 Phlox distinctly labeled for $3.75, postage paid.

Special Offer: No. 106B. One each of 6 Phlox, our selection, labeled for $1.50, postage paid.

Dwarf and Alpine Phlox

THese are remarkable for their dense prostrate habit and mass of bloom in spring and early summer. They are splendid subjects for the fronts of borders and graves. They are quite distinct from the Phloxes offered on this page.

—Pilosa Splendens. A new spring-flowering Phlox that produces great masses of lilac-red flowers; 1 foot.

Per doz., $2.50; 3 for 85c.

—Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height 4 in.

Per doz., $3.00; 3 for 85c.

—Subulata Rosea. Same as above but with dainty pink flowers. This and Alba are fine for graves.

Per doz., $3.00; 3 for 85c.

—Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June, height 4 in.

Per doz., $3.00; 3 for 85c.

—Subulata Rosea. Same as above but with dainty pink flowers. This and Alba are fine for graves.

Per doz., $3.00; 3 for 85c.

WINCA (Periwinkle, Green Myrtle)

4 in. June.

VALUABLE for rockeries or makes a grand evergreen carpet under and about shrubs and trees.

—Minor (Grave Myrtle). Green foliage, large blue flowers.

Per 100, $15.00; doz., $3.00; 3 for 85c.

—Longifolia Subsessilis. 2 ft. Aug. One of the finest Autumn blue flowers, handsome heads of rich violet blue.

Per doz., $3.00; 3 for 85c.


Per 100, $15.00; doz., $3.00; 3 for 85c; 10c.

—Alba. Pure white form of the preceding.

Per doz., $3.00; 3 for 85c.

VINCA (Periwinkle, Green Myrtle)
VAUGHAN'S HARDY IRIS
Flag Iris or Fleur de Lis

**THESE Irises are all sun lovers and delight in a well drained situation. They are all deliciously fragrant.**

*Flag Iris* or *Fleur de Lis* are popular garden plants known for their attractive flowers and pleasant fragrance. They come in various colors and can be easily grown in well-draining soil. The best months for transplanting *Irises* are April, September, and October, but they can also be moved in June and July, soon after they have flowered.

*Please order early for Spring planting; late orders will be filled after blooming time.*

**S** refers to the three standard, or upright curling petals; **F** to falls or drooping petals.

**Amas (Macrantha).** "S" Rich blue; "F" Violet; very large and handsome. Doz., $1.00; 3 for 85c.

**Alexar.** "S" Violet with bronze sheen; "F" rich crimson with lighter veins. A very rich and striking flower. Per 100, $2.75; each, $1.00.

**Archbishop.** (Archeveque.) Deep velvety-violet. "S" Deep purple violet; an exquisite Iris; very rare. 3 for $2.40; each, 85c.

**Black Prince (Kochi Atro-purpurea).** "S" Purple lilac; "F" velvety black. A very striking dark flower. Doz., $3.00; 3 for 85c.

**Candelabre.** "S" Mauve and purple; "F" Violet, with white and black veins. Per 100, $12.00; doz., $2.50; 3 for 85c.

**Caprice.** "S" Reddish purple; "F" Deeper, self-colored. One of the best red Irises. Per 100, $15.00; doz., $3.00; 3 for 85c.

**Catarina.** "S" Clear blue; "F" soft lilac, a new hybrid, between Trojana and Pallida Flowers of large size, on stout branching stems. 3 for $2.40; each, 85c.

**Celeste.** Fine satiny blue. One of the most beautiful of hardy Irises. Per 100, $12.00; doz., 50c, each, 65c.

**Cherubin.** "S" Pale lilac; "F" Pale lilac, veined purple. Per 100, $15.00; doz., $3.00; 3 for 85c.

**Cloe.** White "S" clear blue; "F" Doz., $5.00; 3 for 85c.

**Dalmarius.** A cross between Dalmatien and Darius "S" pale grey-blue; "F" darker, shaded violet-brown; very distinct. Doz., $3.00; 3 for 85c.

**Darius.** "S" Primrose yellow; "F" Lilac and primrose. Per 100, $10.00; doz., $2.00; 3 for 85c.

**Dorothy.** "S" Light clear yellow; "F" pale canary yellow, merging to cream at base. Per 100, $2.00; doz., $4.00; 3 for 85c.

**Dr. Bernice.** "S" Coppery bronze; "F" Velvet crimson. Very handsome. Per 100, $10.00; doz., $2.00; 3 for 85c.

**Eldorado.** "S" Bronze shaded yellow; "F" Violet purple touched at sides with bronze yellow. One of the most distinct and richest colored of all. Doz., $3.00; 3 for 85c.

**Fairy.** Beautiful white with blue border and veining. Doz., $3.50; for $1.00.

**Florentina.** "S" Clear waxy white fragrant flowers. Per 100, $10.00; doz., $2.00; 3 for 85c.

**Gajus.** "S" Light clear yellow; "F" pale canary yellow, merging to cream at base. Doz., $2.00; 3 for 85c.

**Jeanne d'Arc.** Flowers large, petals broad, of a fresh clear lilac. "F" Pure white, bordered lilac. 3ft. Per 100, $3.00; doz., $6.00; 3 for 85c.

**Kharpur (Italia).** "S" Violet; "F" Violet purple, large handsome bloom. Per 100, $10.00; doz., $2.00; 3 for 85c.

**King of Iris.** "S" Clear waxy yellow; "F" Deep brown and yellow. Very beautiful. Per 100, $15.00; doz., $3.00; 3 for 85c.

**L'Avenir.** A beautiful shade of satin blue. Per 100, $15.00; doz., $3.00; 3 for 85c.

**Lohengrin.** Large handsome silvery-mauve flowers. Per 100, $25.00; doz., $3.60; 3 for $1.00.

**Loreley.** "S" Light yellow; "F" Ultramarine blue, bordered cream. Florists' Doz., $2.50; 3 for 85c.

**Lord Seymour.** Very much like *Mrs. Chereau*, but "S" are a more delicate pale lavender. Per 100, $15.00; doz., $3.00; 3 for 85c.

**Mme. Chereau.** One of the most beautiful of its class. The flowers are pure true blue. Doz., $5.00; 3 for $1.50; each, 65c.

**Nelly.** "S" Blue; "F" clear white with blue veining and blotches. Doz., $2.40; 3 for 85c.

**Oriflame.** "S" Light blue, "F" Violet purple; extra fine large flower. Doz., $3.00; 3 for 85c.

**Paon (Italia).** "S" Deep purple, shaded primrose. A very uncommon and pleasing shade. Doz., $3.00; 3 for 85c.

**Viola.** "S" Light pink; "F" Purish old rose, with golden throat and yellow beard. Very handsome and extremely scarce. Per 100, $25.00; doz., $3.60; 3 for $1.00.

**Snow Queen.** Snow white flowers borne on strong erect stems. Doz., $3.00; 3 for 85c.

**VAUGHAN'S SPECIAL MIXTURE.** Doz., $1.25 (postpaid); (by express) $1.75. (25 at 100 rate, 250 at 1000 rate.)

*V. grandiflora.* "Standards" and "Falls"; clear violet blue. The best true blue. Doz., $5.00; 3 for $1.50; each, 65c.

**VAUGHAN'S SPECIAL MIXTURE.** Doz., $1.25 (postpaid); (by express) $1.75. (25 at 100 rate, 250 at 1000 rate.)

**GOOD MIXTURE.** For large plantings and naturalizing, splendid value. Per 100, $5.00; per 1000, $35.00 (exp.)

**VARIEGATED IRIS.**

**PUMILA Hybrida.** Cyanus. Rich royal purple with black shading. Doz., $2.00; 3 for 85c.

**SIBERICA. Orientalis.** (Yale Blue). A slender, graceful, tall-growing *Iris* with flowers quite similar to those of the German *Iris*, but smaller and much more numerous. The plants form large, strong, compact clumps, and bloom so freely that the deep blue *Iris* give almost a solid color effect. Doz., $3.00; 3 for 85c.

**Snow Queen.** Snow white flowers borne on strong erect stems. Doz., $3.00; 3 for 85c.

**JAPAN IRIS** (Iris Kaempferi). A splendid hardy plant of easy growth; delights in constantly cool, moist soil. In its native home it flourishes in swamps succeeding admirably by the side of streams, lakes and ponds. Few people are aware of the beauty of this class of *Iris* which commences blooming about the middle of June and continues for five or six weeks. The flowers of *Iris* measure 8 to 10 inches in diameter, the various shades of color are exquisite.

**Giant Collection**

**Bargain Collections**

Flag Iris or Fleur de Lis

Collection, 65c

Collections, $1.75

All Prepaid

**RED, WHITE AND BLUE COLLECTION**

Mme Pacquette Gertrude Mrs. H. Darwin

1 Collection, 65c

6 Collections, $3.00

**GIANT COLLECTION**

Caprice, Dorothy, Isolda, Lord Seymour, Pallida, Dalmatica, Princess Victoria Louise, Rhein Nixo, Stormcloud, Camerline, Twilight. Each one of these varieties are available for $3.00, Postpaid.
PEONIES, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade, in single clumps or long beds, or bordering lawns, shrub rows, and carriage drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap Peonies; they require just as much care as the better kinds, and are disappointing in the end. We grow only varieties that we have thoroughly tested at our trial grounds, and here offer the grandest Peonies in commerce.

**Planting**—Peonies may be planted in the fall or spring, but fall planting has many advantages. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of the shy blooming; 2 or 3 inches of soil over the crown (eyes) being sufficient. After planting give a heavy mulching of rotten stable manure, and do not transplant the clumps for at least 5 years, and then only if very necessary.

We only offer these in divided roots with from 3 to 5 eyes, and since Fall planting of peonies is preferable to Spring planting, we only offer a limited number of varieties.

**Duchess De Nemours.** (Calot.) Flowers of this splendid Peony are cup-shaped, crown type, sulphur white, with greenish reflex, fragrant. It is an early and free bloomer coming into flower a few days after Festiva Maxima. 75c.

**Duke of Wellington.** A very large, vigorous, tall growing variety with flowers of enormous size, 2 rows of large broad guard petals of pale snow-white, while the center of the flower is sulphur-yellow. Flowers are borne on strong upright stalks, are fragrant and freely produced; late mid-season. 85c.

**Edulis Superba.** This is one of our earliest varieties, usually coming into bloom on Decoration Day. Color is a bright clear mauve-pink, with silvery reflex. Flowers are of large size and very fragrant. 75c.

**Faust.** Color of this beautiful variety is hydrangea-pink changing to lilac-white. Crown type flower, mid-season. 75c.

**Felix Crousse.** This is probably one of the best red peonies, being a rich even shade of dark red. Flowers are large, globular and freely produced; rose type flower, late mid-season. 85c.

**Louis Van Houtte.** Color bright violaceous-red, semi-rose type flowers; very free; late mid-season. 75c.

**Festiva Maxima.** This is probably the most popular and beautiful white peony. Flowers are of immense size, often 7-8 inches in diameter. The edges of center petals are dotted with carmine spots. It is a free and willing bloomer and quite early. 75c.

**La Tulipe.** Flowers very large, globular and fragrant, blush-white shading to ivory white with red streaks on the outside of the guard petals; rose type; mid-season. 75c.

**Mad. Barrillet Deschamps.** Flowers are large, flat, imbricated, with very wide petals. Color clear violet-rose, fading to silvery-pink; fragrant; early mid-season. 85c.

**Mad. De Verneville.** This is probably the freest blooming of the white peonies. The flowers are of bomb type, pure white suffused with blush. The plants are very vigorous, very free and early blooming. The flowers are sweet. 75c.

**M. DuPont.** Very large cup-shaped flowers, ivory-white, the center petals are splashed with spots of carmine. The flowers are produced on strong tall stalks; mid-season. 1.00.

**M. Jules Elie.** This is by many considered the most beautiful of all peonies. The flowers are of immense size, globular in form. The color is a glistening lilac-pink, shading to deeper rose at the base. The whole flower is overlaid with a sheen of silver. One of the best cut flowers, being a splendid keeper. 1.25.

**Double Un-Named Peonies.** White, pink or red. Each, 35c.

**CLIMBING VINES**—Half Hardy or Annual

**CARDINAL CLIMBER.** A graceful annual climber. The flowers are 1½ inches in diameter of a fiery cardinal red, flowering from midsummer until frost. The foliage is deeply laciniated and heavier and coarser than those of the Cypress Vine, to which it is related. Planted in good, rich soil when all danger of frost is over it makes a rapid growth, attaining a height of 8 feet. Strong plants, each 25c; doz., $2.00.

**COBAEA Scandens.** (Cathedral Bells.) Purplish lilac flowers, bell-shaped, profuse bloomers. Rapid grower. 2½-in. pots. Each, 25c; doz., $1.50; 100, $10.00.

From 4-in. pots, each, 45c; doz., $4.20.

**IVY, English.** Beautiful evergreen vine. For hanging baskets, window-boxes and vases. 2½-in. pots, each, 25c; doz., $2.00; 100, $12.00. 4-in. pots, each, 40c; doz., $3.50; 100, $25.00. 9-in. tubs, each, $4.00.

**MADEIRA VINE.** A popular climber. Strong tubers. Each, 10c; doz., $1.00; 100, $6.00.

**MOONFLOWER.** (Ipomoea Learii). Blue. A beautiful satiny blue. 2½-in. pots, each, 25c; doz., $1.50; 100, $10.00. 3-in. pots, each, 35c; doz., $2.50; 100, $18.00.

**White.** Large flowers. 2½-in. pots, each, 25c; doz., $1.50; 100, $10.00. 4-in. pots, each, 35c; doz., $2.50; 100, $18.00.

**VINCA Major Variegata.** For basket and vase. 2½-in. pots, each, 25c; doz., $1.25; 100, $10.00.

From 3-in. pots, each, 25c; doz., $2.00; 100, $15.00. From 4-in. pots, each, 40c; doz., $3.50; 100, $22.50.
Bedding Plants For Beds, Porches and Window Boxes

**LOBELIA**. Bedding Queen. Bright blue. 20c, 3.00 6.00

**PANSY, Vaughan’s Giant-Flowered.** Includes the richest PANSY-GERANIUM, (Pelargonium).

**GERANIUMS.** Green leaved.

**CENTAUREA Gymnocarpa.** (Dusty Miller). The gray MARGUERITE, Mrs. F. Sander. New-white. 25c, 1.50 10.00

**HELIOTROPE, Centefleur.** Dark purple. 20c, 1.25 8.00

**GLORIA.** Deep rose, free bloomer, compact grower, car

**BEGONIA, Gloire de Chatelaine.** Silvery pink, compact in a 2-inch or 2 1/2-inch pot.

**ASTERS, Vaughan’s Giant Branching.** Beautiful Asters ‘These plants, from our own greenhouses, are carefully grown and thoroughly by express, as they travel and arrive in better condition.

**ANTIRRHINUM (Snapdragon), Vaughan’s Select Tall Strain.** For gorgeous coloring, few flowers can match Snapdragons. The flowers of this new strain are of very large size and are produced on immense long spires, which renders them extremely well adapted for cut flowers. Pink, red, white, yellow, or mixed. 2-inch pots.

**ASTERS, Vaughan’s Giant Branching.** Beautiful Asters for cut flowers. Quite different in several respects from any other Aster known. The branching habit is accompanied by great vogue of growth and production of bloom. The flowers are very large, very double, borne on long stiff stems and the colors clear and handsome. Lavender, red, rose, pink, shell-pink, purple, white, mixed. Transplanted.

From 21/2-inch pots.

**BEGONIA, Gloire de Chatelaine.** Silvery pink, compact habit, strong, vigorous grower.

From 3-inch pots.

**GLORIA.** Deep rose, free bloomer, compact grower, carrying flowers carried above the foliage.

From 1-inch pots.

**CALADIUM Excentrum.** (Elephant’s Ear). Started plants, 5-inch pots.

**GERANIUMS.** Green leaved.

**CENTAUREA Gymnocarpa.** (Dusty Miller). The gray MARGUERITE, Mrs. F. Sander. New-white.

**DRAEANA Indivisa.** Long green leaves, 3-inch pots.

**Larger plants, 75c and $1.00.**

**GERANIUMS.** Green leaved. Geraniums are the best known and most extensively used of all bedding plants. Our list is limited to a few most serviceable kinds.

**Beauté Poétivaine.** A favorite semi-double pink.

**Lucifer.** Double. Glowing scarlet, very large flower heads, 14-inch pots.

**La Favorite.** A good honey pink, semi-double, 14-inch pot.

**S. A. Nutt.** Best dark crimson-scarlet hedder.

**Prices of above.**

From 1-inch pots.

From 4-inch pots.

**Easter-Greeting.** Large, bright amaranth red. 4-inch pots.

**Mrs. Layal.** A grand variety for house culture. 4-inch pots.

**Hybrid.** A grand variety for house culture.

**From 4-inch pots.**

**Mammoth Mixed.** 20c, 3.00 7.00

**LOBELIA, Bedding Queen.** Bright blue.

**MAGNIFICENAS.** Mammoth pink, purple, scarlet, white or mixed.

**From 4-inch pots.**

**PANSY, Vaughan’s Giant-Flowered.** Includes the richest reds, colors and bronze, together with the most delicate rose pink shadings.

**Prices given on application for filling Window Boxes, Hanging Baskets, etc., with Ferns, Palms, Shrubs and Flowering Plants.**

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**PANSY—Continued.**

**PANSY, Vaughan’s International Mixture.** Composed of well rounded, perfect shaped flowers, showing a wide range of colorings and markings; have thick velvety petals with fluted or semicircular edges. Flowers stand erect on good stiff stems with a good healthy growth of plant.

**PENNSETUM Longistylum.** Graceful white plumes. 12 to 18 inches. For horders of Cannas beds.

**PETUNIA.** For variety of color and effectiveness these have no equals. If a little care is bestowed upon them Petunias will produce sweet scented flowers in their delicate and gorgeous colorings throughout the whole summer.

**Balcony Queen.** Purple with white markings.

**Rosy Morn.** Rose with white markings.

**Snowball.** Pure white flowers.

**Single Mixed.**

**SALPIGLOSSIS.** One of the most attractive annuals and should be in every garden. The flowers are tube-shaped, much like Petunia, but rivaling the latter in the beautiful color effect.

**From Vaughan’s Special Seed.**

**SALVIA Splendens.** Scarlet Sage. 20c, 1.00 7.00

**From 4-inch pots.**

**From 4-inch pots.**

**VERBENA.** One of the most popular garden annuals. For borders, beds, and window shading, and when set in pots and trays on the porch and lawn decoration. Each, 75c to $1.25.

**GINNA.** A splendid collection, well colored. From 4-inch pots, $1.25; larger plants, each, from $2.00 to $4.00.

**VINCAS.** Rich crimson foliage marked with pink and white. Each, 75c to $1.25.

**Ferns.**

**Holly Fern.** A good house plant. Each, 50c.

**Nepheleopsis Bostoniensis (Boston Fern).** One of the most valuable decorative plants we have. Forms large graceful plants that enable it to retain a leading place among this class of ferns. Of easy culture and thrives to best advantage if located near the sunniest window and occasionally turned. A slight attention to watering and general condition will be well repaid.

**Deffenbackia Magnifica (Shining leaves).** Green foliage, variegated with white. Each, 75c to $1.25.

**DRAEANA.** Green and Variegated-leaved. We have a splendid collection, well colored. From 4-inch pots, $1.25; larger plants, each, from $2.00 to $4.00.

**ZINNIA.** These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes and remarkable for the production and duration of their flowers, which are extremely useful for bouquets.

**VAUGHAN’S COBOSIAL.** White, Pink, Purple, Scarlet or Mixed.

**Prices given on application for filling Window Boxes, Hanging Baskets, etc., with Ferns, Palms, Shrubs and Flowering Plants.**
YELLOW KING HUMBERT

A most distinct and interesting collection of Cannas, both rare and effective. Be careful in ordering and planting Cannas to note height of growth, so to that, when in groups, tall ones are at back, smaller at front, or that kinds of about one height are planted together.

American Beauty. Deep shade of carmine-rose, particularly pleasing and unique. Size of both trusses and flowers enormous, with the advantage that it fits nicely in the truss. Each, $1.25; doz., $12.00.

Aigle. 4 ft. Green foliage, with bronze margin. The flowers are large and round, of a clear bright crimson-scarlet, no other markings; erect spikes. Each, $3.00; doz., $21.00.

From 4 inch pots, each, 45c; doz., $3.75.

Altitude. 5 ft. Bronze foliage, over which stand the magnificent bright scarlet flower spikes. The individual blooms are immense and of great substance. Each, 35c; doz., $3.00; 100, $18.00.

From 4 inch pots, each, 45c; doz., $3.75.


Goldbird. ("Oiseau d'Or"). 4½ ft. Flowers of good shape and large size; vigorous growth. The color is a bright yellow, making it a good companion to Firebird. Each, 35c; doz., $3.00; 100, $18.00.

From 4 inch pots, each, 45c; doz., $3.75.

Jane Addams. 4½ ft. Green foliage. Buttercup-yellow with blotches of red in the throat; a clean vigorous grower and very free bloomer. Each, 50c; doz., $5.00.

From 4 inch pots, each, 60c; doz., $6.00.

Mme Alfred Conrad. 4 ft. Green foliage. Flowers salmon pink of large size on finely shaped flower heads. Each, 35c; doz., $3.00; 100, $18.00.

From 4 inch pots, each, 45c; doz., $3.75.

Mrs Woodrow Wilson. 4 ft. Green foliage. Charming shade of soft clear crimson-pink. Flowers are large with round, graceful overlapping petals of great substance. Strong grower. Each, 50c; doz., $5.00.

From 4 inch pots, each, 75c; doz., $7.50; by express.

Oriental. 4 ft. Foliage light green. This is a grand variety and when massed or that kinds of about one height are planted together.

Peniel. 18 to 24 inches. Green foliage. This is the newest cannas we know of. Color vermillion red, edges of petals a golden yellow. Free continuous grower. Each, 50c; doz., $5.00.

From 4 inch pots, each, 60c; doz., $6.00.


From 4 inch pots, each, 60c; doz., $6.00.

The President. 4 ft. In color a rich glowing scarlet and the immense rounded flowers, seven inches across when fully open are produced on strong erect stalks well above the large green foliage. Free bloomer and strong grower. Each, 60c; doz., $6.00.

From 4 inch pots, each, 75c; doz., $7.50.

SPECIAL OFFERS

No. 110. One each of the above (12) Cannas, postpaid, from 2½ inch pots for $6.00.

No. 110A. One each of the above (12) Cannas from 4 inch pots for $7.00, (exp.)
Soil that has been thoroughly enriched with well rotted stable manure. Water
2)4
SIZE plants from
2)4
inch pots. The next size larger plants are noted
dwarf ones along the edge. This applies to planting in beds or borders.
ally. _ Set the plants about 18 inches apart each way, and if more than one
for planting the first row. Set the plants in this row eighteen
2)4
FROM 4 INCH POTS. When not so offered, 2
All numbers below represent round beds.
STANDARD CAMNAS OF LONG-ESTABLISHED MERIT
Beaute Poitevine. 3)2 ft. ’ Largest and best crimson.
David Harum. 3)4 ft. Dark bronze foliage. Strong grower and one of the
Meteor. 4 ft. Immense brilliant crimson heads of large round-petaled flowers.
Maros. 3)4 ft. One of the best white-flowering Cannas. Its flowers of
Venus. 3)4 ft. A soft rosy pink with a pretty mottled border of creamy-yellow.
Mile Berat. 5 ft. Green foliage. A shade of rose carmine. The petals are long.
All Cannas plants from two and one-half inch pots offered on this page at "Each" (or single
plant) price go prepaid. Larger lots and sizes by express at buyer's expense—except where
quoted at special "prepaid" price in opposite column. To estimate postage on two and one-half
inch pot plants to different zones, figure on one dozen plants weighing 3 pounds, packed.

**CANNA BEDS PLANTING SUGGESTIONS**

Before laying out a Canna bed, square the ground two feet deep, mixing
throughly into the soil enough well rotted stable manure to fill six
inches in depth of the whole bed. When ready place a stake in the center of the bed and with a radius of eighteen inches mark a line for planting the first row. Set the plants in this row eighteen
inches apart. Lengthen the radius eighteen inches for each successive row; plants other than Cannas require different distances.

All numbers below represent round beds.

**Canna Beds**

**Bronze-Leaved Varieties**

David Harum. 3)4 ft. Dark bronze foliage. Strong grower and one of the
tallest blooming Cannas we have ever seen.
Flowers freely. Color bright scarlet.
Each, 35c; doz., $2.75. From 4-inch pots, each, 45c; doz., $3.75.

**Pink and White Shades—Green Foliage**

Maros. 3)4 to 4 ft. One of the best white-flowering Cannas. Its flowers of
creamy white are produced very freely.
Mile Berat. 4 ft. Green foliage. A shade of rose carmine. The petals are long.
Venue. 3)4 ft. A soft rosy pink with a pretty mottled border of creamy-yellow.
(For other good pinks see Hungaria and Mrs. A. Conard, on opposite page).

**Crimson and Scarlet Shades, Green Foliage**

Beaua Poitevine. 3)4 ft. Largest and best crimson.
Julius Koch. 3 ft. Foliage dark green. Flowers composed of four broad, well
rounded, large petals of the most brilliant blood-red.
Each, 30c; doz., $2.50. From 4-inch pots, each, 40c; doz., $3.25.
Meteor. 4 ft. Immense brilliant crimson heads of large round-petaled flowers.
Each, 30c; doz., $2.50; 100, $10.00.
Milwaukee. 3)4 to 4 ft. A splendid sort with rich deep maroon flowers of great
substance. We find it the darkest of all Cannas.
Nemours. 4)4 ft. Color most brilliant and striking scarlet, without any bluish
cast. Strong vigorous grower.
Each, 30c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 40c; doz., $3.25; 100, $20.00.

**Yellow and Yellow-Edged Varieties**

Florence Vaughan. 5 ft. The most famous yellow Canna. Introduced by us in
1892, it still remains indispensable in its class.
Dwarf Florence Vaughan. 3}4 ft. Identical with Florence Vaughan, but one-
third shorter, never exceeding 3}4 ft. Color, golden yellow, thickly dotted red.
Niagara, Height, 3 ft. Green foliage. Great handsome trusses; broad, thick,
durable petals. Color rich deep crimson with a wide irregular border of deep
golden yellow.
Queen Charlote. 4 ft. Rich orange-scarlet with a broad gilt edge.
Souu. de A. Crozy. 4 ft. The flowers are scarlet-crimson bordered yellow.

**Orchid-Floweering Varieties**

King Humbert—(See opposite page).
Louviana. 6 ft. Very large, large vivid scarlet orchid-like flowers, often
measuring 6 to 8 in. across. Foliage a glossy green.
Wintgers Colossal. 5 ft. Green foliage. A striking vivid scarlet that retains
its brilliancy. One of the largest flowering of all, producing immense trusses.

**Prices of Standard Cannas—This Section**

Each, 30c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 40c; doz., $3.25; 100, $20.00.

**Cannas Should be Planted About the End of May in Good Garden
Soil That Has Been Thoroughly Enriched With Well Rotted Stable Manure. Water
Sparingly for First Two Weeks After Planting. When Growing Freely, Water Liberally. Set the Plants About 18 Inches Apart Each Way, and if More Than One
Kinds Be Careful to Have the Taller Growing Kinds in the Center and the Dwarf Ones Along the Edge. This Applies to Planting in Beds or Borders.**

**Standard Cannas of Long-Established Merit**

**Bronze-Leaved Varieties**

David Harum. 3}4 ft. Dark bronze foliage. Strong grower and one of the
tallest blooming Cannas we have ever seen.
Flowers freely. Color bright scarlet.
Each, 35c; doz., $2.75. From 4-inch pots, each, 45c; doz., $3.75.

**Pink and White Shades—Green Foliage**

Maros. 3}4 to 4 ft. One of the best white-flowering Cannas. Its flowers of
creamy white are produced very freely.
Mile Berat. 4 ft. Green foliage. A shade of rose carmine. The petals are long.
Venue. 3}4 ft. A soft rosy pink with a pretty mottled border of creamy-yellow.
(For other good pinks see Hungaria and Mrs. A. Conard, on opposite page).

**Crimson and Scarlet Shades, Green Foliage**

Beaua Poitevine. 3}4 ft. Largest and best crimson.
Julius Koch. 3 ft. Foliage dark green. Flowers composed of four broad, well
rounded, large petals of the most brilliant blood-red.
Each, 30c; doz., $2.50. From 4-inch pots, each, 40c; doz., $3.25.
Meteor. 4 ft. Immense brilliant crimson heads of large round-petaled flowers.
Each, 30c; doz., $2.50; 100, $10.00.
Milwaukee. 3}4 to 4 ft. A splendid sort with rich deep maroon flowers of great
substance. We find it the darkest of all Cannas.
Nemours. 4}4 ft. Color most brilliant and striking scarlet, without any bluish
cast. Strong vigorous grower.
Each, 30c; doz., $2.50; 100, $15.00.
From 4-inch pots, each, 40c; doz., $3.25; 100, $20.00.
VAUGHAN’S ROSES

We again take pleasure in submitting our revised list of roses, some splendid new American Novelties of approved merit having been added, and some of the older ones discarded. We grow roses for the gardener as a trade. Our bushes are therefore not exhausted by bearing a quantity of flowers and consequently produce stronger wood, which is selected for the propagation of our young stock. These are grown under the personal supervision of an expert, are wintered in a temperature as low as the hardiest of our bushes will require, and are shipped in the season when they are in their greatest bloom.

All orders are handled and packed by experienced hands, and we guarantee safe arrival by express. We write to all parts of the United States, Canada, and every direction from Chicago, on mail and express packages of all greenhouse plants are much more satisfactorily handled than from cities less centrally located.

Ask for our pamphlet: “How to be Successful With Roses.”

Prices on Roses—Each from 2½-inch pots includes prepaid.

Larger lots and sizes go by express at buyers’ expense.

Novelties and New Roses

GOLDEN OPHELIA. (Hybrid Tea). A distinct novelty from the well-known variety Ophelia. It is a stately stiff stemmed grower, with beautiful flowers, quite well set and glossy. The flower is of medium size, forming a beautiful bud of bright golden yellow; a profuse bloomer and one of the most uniform of bloom. A strong grower with heavy foliage.

Price, from 2½-inch pots, each, $1.00; doz., $10.00.

COLUMBIA. A true pink, deepening as it opens to a glowing pink. The variety is that the shades all become more intense until fully open. Strong grower, sending up numerous stiff stems of good length with fine foliage free from mildew.

Price, from 2½-inch pots, each, 30c; doz., $3.00.

FRANK W. DUNLAP. A magnificent rose. The color is orange copper or golden orange, shading lighter at the base of the petals. Large fragrant blooms, developing into a beautiful full flower of great size and finish. The growth is heavy and free with thick leathery foliage which is free from mildew or black spot.

Price, from 2½-inch pots, each, $1.00; doz., $9.00.

LOS ANGELES. A distinct novelty with a characteristic coppery bloom, developing into a rose-pink, deepening to a glowing pink in the fully open flower. The growth is heavy and free with thick leathery foliage which is free from mildew or black spot.

Price, from 2½-inch pots, each, 40c; doz., $4.00.

MME. BUTTERFLY. A golden yellow novelty which will bloom continually during the summer. The buds are borne high above the foliage, a characteristic of this variety.

Price, from 2½-inch pots, each, 75c; doz., $7.50.

SPECIAL OFFER No. 112. One each of the above 6 Roses, by express, for $4.00.

SPECIAL OFFER No. 112A. One each of Columbia, Frank W. Dunlap, Mme. Butterfly and Premier.

From 2½-inch pots, postpaid, for $1.50.

Choice Hardy Hybrid Tea Roses

Cynthia Fords. Color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are full of perfect form and great substance, very free-flowering and fragrant. A strong grower with heavy foliage.

Price, from 2½-inch pots, each, 25c; doz., $2.50.

GRUS AN TEPITZ. In color it is of the richest scarlet shading to a velvety crimson. The flowers are large, the blooms show a distinct yellow center. A true hybrid tea. A strong grower with heavy foliage.

Price, from 2½-inch pots, each, $1.00; doz., $10.00.

Kaiserin. This splendid rose should be in every garden. In color it is a soft pink-white tinted with just enough lemon in the center to relieve the white, remarkably fragrant, beautifully formed flowers on long graceful stems, a strong, healthy grower. One of the best for out-door planting.

Price, from 2½-inch pots, each, 50c; doz., $5.00.

Killarney. In color it is a sparkling bright pink, the blooms are large, the buds long and pointed the petals very large and of great substance. It is one of the most popular of our garden roses.

Price, from 2½-inch pots, each, 25c; doz., $2.50.

Killarney Brilliant. A decided improvement on the popular Killarney. Color is sparkling cerise pink shading lighter at the base of the petals. Large fragrant blooms, well formed buds and flowers which are absolutely perfect in all stages of development. A strong, vigorous grower and free bloomer.

Price, from 2½-inch pots, each, 25c; doz., $2.50.

Killarney White. A pure white sport of the famous and popular Killarney rose identical in every way with its parent excepting in color.

Price, from 2½-inch pots, each, 25c; doz., $2.50.

Mrs. Aaron Ward. Few roses attract so much attention as this beautiful rose. The flowers are large, the blooms show a distinct yellow center. A strong grower with heavy foliage.

Price, from 2½-inch pots, each, 25c; doz., $2.50.

Kaiserin. This splendid rose should be in every garden. In color it is a soft pink-white tinted with just enough lemon in the center to relieve the white, remarkably fragrant, beautifully formed flowers on long graceful stems, a strong, healthy grower. One of the best for out-door planting.

Price, from 2½-inch pots, each, 50c; doz., $5.00.

NURSERYMEN’S BARGAINS

DWARF POLYANTHAS

These are entirely distinct from the larger flowering sorts, as flowers are borne in clusters of 10 to 25 individuals. If planted in masses of 25 or more together, will make a very effective show.


Price, from 2½-inch pots, 25c; doz., $2.50; per 100, $15.00.

CICELY BRUNNER. The flowers are very large, produced in clusters of perfect form, shading a deep salmon pink and showing a rich orange center, turning to a pale flesh color when fully open.

Price, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

CLOTHILDE SOUPERT. Faintly white, shading to pure pink. Both the flowers and the foliage are not only beautiful, but are heavy and free from mildew or black spot—characteristics which make this a most productive variety.

Price, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

ECHOCO. A soft pink when opening, changing to light pink when fully open, individual flowers measuring 2 inches across.

Price, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

FRANK W. DUNLAP. Bright rose-pink, deeper rose at the base of the petals. The flowers are large and perfectly formed, developing into a beautiful full flower of great size and finish. The growth is heavy and free with thick leathery foliage which is free from mildew or black spot.

Price, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

LOUISIANA. A clear pure shade of rose-pink; deep rose-pink in cooler weather. Its freedom of bloom and quick succession of crops makes this a most productive variety. Strong grower with breaks coming quickly, producing strong, stiff flowered stems with heavy foliage.

Price, from 4-inch pots, each, 50c; doz., $5.00.

The introducers we take pride in having select stock that will bloom continually during the summer.

Price, from 2½-inch pots, each, 25c; doz., $2.50; per 100, $15.00.

Special Offer No. 112D. One each of above 5 roses.

From 2½-inch pots, postpaid, for $1.00.

Special Offer No. 112E. One each of above 5 roses.

From 4-inch pots, by express, for $6.00.

Vaughan’s “Bargain” Collection of Roses

Ready after May 20th, 1921.

No. 112F. Ten plants, 2½-inch pots—10 varieties for $1.50, postpaid.
No. 112G. Ten plants, 2½-inch pots—10 varieties for $3.50, by express.
ANNA DE DIESBACH (Glory of Paris.) Most lovely brilliant carmine, long, pointed buds, and large, finely formed, compact flowers; very full and double and deliciously sweet. A vigorous grower and fine bloomer. One of the hardest of the well-known, desirable roses.

FRUA KARL DRUSCHKI (White American Beauty). This pure white variety has long immense buds and perfectly double flowers. For bedding and for cutting it is the finest in its class.

GEN. JACQUIMIN (Bright shining crimson, shapely buds and handsome blooms. The Jack Rose is noted for its good qualities.

GEORGE ARENS (Pink Frau Karl Druschki). A beautiful clear pink variety; different in color from any other rose; a free-bloomer and one of the best.

GRUSS AU TEPLITZ. In color it is the richest scarlet, shading to a velvety crimson; very fragrant; a fine, strong grower and in bloom all the time. This rose should be in every garden, as it succeeds under the most ordinary conditions.

MAGNA CARTA. Deep pink, large sweet-scented and of fine form; one of the finest roses in cultivation and commonly planted.

MRS. JOHN LAING. One of the finest roses of its class. It is very free-flowing, commencing to bloom early in the season and continues to bloom profusely until late autumn. Color a soft delicate pink with a satiny sheen; very fragrant.

OBERBÖRLE. A fine, tall, hardy rose; flowers close together, thus continuing in bloom for a longer time. The Petunia rose.

PINK RAMBLER (Count Zeppelin) (C. P.) — Climbing Polyanthus-flowered; flowers double or semi-double. A distinct variety in form, color and habit. A vigorous grower.

TAUSENDSCHON (C. P.) — Climbing Hybrid Perpetual. This beautiful variety surpasses all other climbing roses, and is of a beautiful color and habit. A fine bloomer.

TAUSENDSCHON (C. P.) — Climbing Hybrid Perpetual. This rose has done for hundreds of years. For twenty years our greenhouses have special¬ly been presented for awards before various committees of the keenest judges, but it would be impossible for us to list all that have gained recognition. The rose-covered cottage still carries the charms of romance and sentiment, that it has done for hundreds of years. Twenty years our greenhouses have special¬ly been presented for awards before various committees of the keenest judges, but it would be impossible for us to list all that have gained recognition.

ULRICH BRUNNER. A rose of beautiful form and finish, very striking from its color of brilliant cherry-crimson. The bush is vigorous, blooming continu¬ously in the open air and displaying its superb, glowing flowers on strong stems.

About the opening of the 44th season we have prepared a list of the best roses, which will be ready for sale in May, ready for sale up to May 1st. After that date we can only supply potted plants as offered. Price, 2-year potted plants, each, $1.25; doz., $12.00.

ROSES demand reasonably free watering, and frequent spraying with Hellebore and Bordeaux mixture for insects and fungus will be found beneficial. They thrive best with application of manure water, and at least two applications of bone meal (two pounds per square yard) prior to blooming time. Most lovely brilliant carmine, long, pointed buds, and large, finely formed, compact flowers; very full and double and deliciously sweet. A vigorous grower and fine bloomer. One of the hardest of the well-known, desirable roses.

VAUGHAN'S UNRIVALLED COLLECTION OF HARDY ROSES

Among garden lovers no hardy plants are so generally popular as the Hybrid Perpetuals, often called June Roses. Once established they are strong and hardy growers, bearing large globular flowers. While severe weather does not kill them, some protection in the way of a moderate covering of rotted straw, light manure, or leaves is very advantageous and necessary around Chicago. Masses of these roses may be grouped in separate colors in garden beds or borders with very striking effect, and for decorative cut bloom, though they do not possess all the delicate tints found in the Hybrid Tea Roses, still a table or room may be effectively decorated in one or two colors because of their grand size and form.

The roses offered here are budded low on Mannetti or Dog rose stocks and are generally known as budded roses. Plant so that the bud is three inches below the surface of the ground. Early Spring planting is essential.

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DOORZAN PERKINS (C. P.) — The most popular climbing rose of today, and as hardy as the Crimson Rambler. The flowers are borne in clusters and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading.

EXCELSA (C. P.) — A distinct variety in form, color and habit. A vigorous grower. The foliage is dark glossy green. Flowers very double, produced in large trusses, thirty to forty on a stem. The color is intense crimson maroon; and, to a certain extent, overblooming; that is, they will produce flowers after the main crop is gone.

Price, 1-2-year dormant plants, each, $1.25; doz., $12.00.

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Price, 1-2-year dormant plants, each, $1.25; doz., $12.00.

TAUSENDSCHON (C. P.) — This beautiful variety surpasses all other climbing roses of this section, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. Each individual flower measures about 2 inches across and is of a beautiful soft shell pink, same color as Clothilde Souper, later on changes to rose carmine. Price, 2-year dormant, each, $1.00; doz., $10.00.

2-year potted plants, each, $1.00; doz., $10.00.

Price, 1-2-year dormant plants, each, $1.25; doz., $12.00.

WHITE DOROTIIY (C. P.) — This beautiful rose is the counterpart of the well known Dorothy Perkins, except in the color which is pure white. Already a universal favorite.

Price, except where noted, 2-year dormant plants, each, $8.00. 2-year potted plants, each, $1.00; doz., $10.00.

SPECIAL OFFER No. 113A. One each of the above 10 roses in 2-year dormant plants for $8.00, postpaid.

SPECIAL OFFER No. 113B. One each of the above 10 roses, 2-year potted plants, ready May 1st, for $8.00, by express.
SMALL-FLOWERING (POMPON) OUTDOOR TYPE

All Collections of Chrysanthemums Planted and those ordered at single plant rate go PREPAID.

MRS. GEO. A. SCHMIDT, Watertown, N. J.

In the spring I purchased a 25c package of your Dahlia Flowering Zinnias. I wish you could see them in bloom. They are a show. Some are like small tea plates in size and others are huge for miles to see them. I have always a row of Zinnias in my plot, but they have never bloomed like this season. Truly yours,

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In the following list we offer what we consider the very best of the foreign and American Dahlias, which we have grown and hybridized, and are enabled to select for variety of form and color, freedom and perfection of bloom and length of season, the following very complete assortment.

We offer all Green plants, with the exception of those also offered in roots.

Contrary to public opinion we maintain that Dahlia plants are always superior to dry roots, and we feel responsible for recommending them.

We have tried the following varieties and recommend them as earliest flowering in our collection.

A. D. Livoni. (Show). A beautiful soft pink flower with quilled petals.

Countess of Lonsdale. (Cactus). A delicate apricot shading towards the edges of the petals to carmine pink. Early and one of the very best.

H. J. Jackson. (Single). A pure white, large flowers on stout stems.

Priscilla Price. (Decorative). A true majestic flower frequently measuring 8 to 10 inches in diameter, strong grower. Price, each, $1.00; doz., $10.00.

New and Choice Dahlias

CHATTENAY. Like the rose of that name; a splendid variety for decorative use in the garden.

POMPON DAHLIAS

New and Choice Dahlias

Dahlia Plants

In the following list we offer what we consider the very best of the foreign and American Dahlias, which we have grown and hybridized, and are enabled to select for variety of form and color, freedom and perfection of bloom and length of season, the following very complete assortment.

We offer all Green plants, with the exception of those also offered in roots.

Contrary to public opinion we maintain that Dahlia plants are always superior to dry roots, and we feel responsible for recommending them.

While roots may generally be planted by April 25th, it is hardly wise to set out the growing plants until May 10th to 15th, but with good care and soil, the started plants make such strides of growth as to surpass earlier planting.

Full cultural directions accompany every order.

Please note if you want a substitute if our supply of any is exhausted.

Prices. All Dahlias listed on this page, and dozen price include prepayment. Larger lots by Express at Buyer's expense.

NEW AND CHOICE DAHLIAS

ATTUCTION. (Peony). Very large perfect and full flowers of a clear lilac rose. A rare color; producing fine flower stems. Price, each, 25c; doz., $2.50.

Bianca. (Peony). Lilac-rose; very free flowering and a wonderful variety for cut flowers. Price, each, 25c; doz., $2.00.

HOCHSAL. (Decorative). A clear golden-orange, darker shaded in center; very free flowering, early. Price, each, 75c; doz., $8.00.

KALIFF. Pure scarlet. A true majestic flower frequently measuring 8 to 10 inches in diameter, strong grower. Price, each, $1.00; doz., $10.00.

KING OF AUTUMN. (Decorative). An entirely new shade of buff yellow suffused with orange. The color is unique, flower and foliage of vigorous constitution. A splendid exhibition bloom. Price, each, 75c; doz., $8.00.

Mrs. Chas. Turner. Pure yellow. A strong grower and profuse bloomer. Price, each, 75c; doz., $8.00.

SPECIAL OFFER No. 115A. One each of above 10 Dahlias for $2.50, postpaid.

GRAND DUKE ALEXIS

QUEEN OF YELLOWS. A beautiful clear yellow.

Sylvia. White shading to soft pink on outer petals. Price, each, 25c; doz., $2.50.

DON'T CALL ME COCK. Large perfect shaped flowers of a bright sea-shell pink color, very early and continuous blooming. Price, each, 25c; doz., $2.50.

STORM KING. Still the finest of all Show Dahlias. An extremely early, profuse and constant bloomer, a strong, vigorous grower of branching habit, producing large, perfect shaped flowers on long stiff stems. Fine cut flowers. Price, each, 25c; doz., $2.50.

YELLOW DUKE. Pure canary yellow, large size flowers on good stiff stems. Price, each, 25c; doz., $2.50.

SPECIAL OFFER No. 115E. One each of above 6 Dahlias for $1.00, postpaid.

PEONY - FLOWERED

Peony-flowered Dahlias are those having irregularly curved and twisted petals and are as beautiful as they are odd.

GERMANY. Brilliant color, rows of petals, compact growth.

Jan Oleedagers. Deep primrose yellow; very large and free-flowering.

MADAM VAN BETZEM. Rosy lilac changing to light blue.

M. G. Archer. Very large, fine flower with brick red shade; very free-flowering.

Queen Emma. A charming shade of hollyhock-pink, the inner petals margined with this shade. A very large and magnificent sort.

Queen Wilhelmina. This is a splendid variety of this new type with immense pure white flowers, with yellow center. It is very free-flowering and the flowers are produced on good stems, making a fine variety for garden decoration.

Price, each, 35c; doz., $3.00.

SPECIAL OFFER No. 115F. One each of above 6 Dahlias for $1.75, postpaid.

SINGLE DAHLIAS

These are rapidly coming into favor every year on account of their profuse blooming and handsome colors, rendering them invaluable for bouquets. We list the following varieties as being the very best as to color and size of flower.

CAROLINA. Red. Good grower and free bloomer.

Little Beauty. A very beautiful small flowering light pink.

Little Herman. Deep red, tipped white; very free.

Little Mary. Dark crimson, a perfect model in every way.

Snow Clad. Small white flowers, with yellow center.

White Aster. Very dainty, clear white; one of the best poms.

SPECIAL OFFER No. 115G. One each of above 6 Dahlias for $1.25, postpaid.

DAHLIA ROOTS

Unnamed Double Dahlias. Undivided field clumps in white, pink, yellow or red; good sorts. Each, 25c; doz., $3.00.

Mixed Single and Double Dahlias. Undivided field roots. Each, 25c; doz., $2.50. by exp.


SPECIAL OFFER No. 115H. One each of above 12 Dahlias for $2.50, postpaid.

SHOW AND FANCY DAHLIAS

Show Dahlias are usually of solid color, but in certain varieties the tips of the petals may be of another. They are usually round, ball-shaped, and are always beautiful and colorful. Dahlias for use on long graceful stems.

A. D. Livoni. A beautiful soft pink flower with quilled petals. Price, each, 25c; doz., $2.50.

DON'T CALL ME COCK. Large perfect shaped flowers of a bright sea-shell pink color, very early and continuous blooming. Price, each, 25c; doz., $2.50.

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YELLOW DUKE. Pure canary yellow, large size flowers on good stiff stems. Price, each, 25c; doz., $2.50.

SPECIAL OFFER No. 115E. One each of above 6 Dahlias for $1.00, postpaid.

NEW YORK

VAUGHAN'S SELECTION OF EARLY FLOWERING

We have tried the following varieties and recommend them as earliest flowering in our collection.

Queen of Yellows. A beautiful clear yellow.

Sylvia. White shading to soft pink on outer petals.

Prices, except where noted, each, 25c; doz., $2.50.

VAUGHAN'S SELECTION OF EARLY FLOWERING

COURTNEYS OF LONSDALE. (Cactus). A delicate apricot shading towards the edges of the petals to carmine pink. Early and one of the very best.

H. J. Jackson. (Single). A pure white, large flowers on stout stems.

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SPECIAL OFFER No. 115B. One each of above 10 Dahlias for $2.50, postpaid.

SPECIAL OFFER No. 115C. One each of above 6 Dahlias for $2.50, postpaid.

SPECIAL OFFER No. 115A. One each of above 6 Dahlias for $2.50, postpaid.

SPECIAL OFFER No. 115E. One each of above 6 Dahlias for $1.00, postpaid.

SPECIAL OFFER No. 115F. One each of above 6 Dahlias for $1.75, postpaid.

SPECIAL OFFER No. 115G. One each of above 6 Dahlias for $1.25, postpaid.

SPECIAL OFFER No. 115H. One each of above 12 Dahlias for $2.50, postpaid.
Hardy Climbing Vines

AMPELOPSIS VEITCHII (Boston Ivy)

The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy-like leaves overlap each other, and its long, delicate young shoots stretch up the stem and cling by their tendrils at nearly every joint. Its flowers are abundant and the vines make a smooth surface of rock or brick. Prices, 3 yr., each, 35c; 3 for $1.20; doz., $8.00.

Pot Grown. For late planting (Ready June 1st). Prices, each, $1.00; doz., $10.00.

AHELEIA QUINATA VINE. A beautiful hardy climbing vine. It often grows 15 ft. in a year and produces in early summer large clusters of fragrant rosy purple flowers resemblingForget-me-nots. Large vines, 3 yr., each, 75c.

AMPELOPSIS ENGELMANNII. (Engelman's Ivy). One of the hardest, quickest growing climbers for the north and northwest. Quite similar to the Virginia Creeper, but vastly superior to it, for so long blooming. Price, 3 yr., extra strong, 60c; 4 yr., extra strong, 75c.


Clematis Paniculata

BIGNONIA RADICANS. (Trumpet Vine.) Dark red orange throat, free blooming. Very hardy and rapid grower. Useful for covering unsightly places, stumps, or wherever a showy flowering vine is desired. 2 yr., each, 75c.

CELASTRUS

Celastrus Articulatus. (Japanese Bitter Sweet.) Vigorous climber with almost round, bright green leaves, and orange-yellow capsules in the fall. This variety fruits earlier and more freely than C. Scandens, and is one of the best vines to be had for a porch. 2 yr., 65c.

Celastrus Scandens. (Climbing Bitter Sweet.) A native climbing or twining plant, with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. One of the most desirable climbers for shade. Strong 3 yr. vines, each, 50c; 3 yr., 65c.

CLEMATIS

JAPANESE CLEMATIS (Clematis Paniculata)

The finest small flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, delicately fragrant and produced with the greatest freedom. It flowers in September, when few other vines are in bloom. Easiest to grow and most popular of all the small flowered vines.

PRICES

By Mail, Postpaid. Prices, each, $1.00; doz., $10.00.

LARGE-FLOWERING CLEMATIS

The Large-Flowered Clematis are the most beautiful of all our flowering vines. The flowers are large, often measuring four to six inches across and are borne in racemes in advance of the opening of the foliage. Prices, each, 75c; 3 for $2.10; doz., $8.00.

EUONYMUS RADICANS VEGETUS

(Large-leaved trailing Euonymus)

This is a most valuable ground-covering evergreen plant, with rich deep green foliage, thriving in partial shade or under trees where grass and other plants fail. It is also one of our best hardy evergreen vine, retaining its foliage through the Winter, even when exposed to the sun. 3 yr., 85c; 4 yr., 1.00.

HONEYSCULLES (Lonicera)

We cannot speak too highly of this class, for covering arbors, fences, pergolas, verandas, etc. They are the best vines for ground planting under trees and if used on terraces or embankments, will prevent washing. Railroads are using them very extensively for this purpose. All are perfectly hardy and improve in beauty each year.

HALL'S JAPANESE HONEYSCULLE (Lonicera Haleana)

This is one of the finest of all vines that one can plant. It is attractive and thrives in practically all situations. Splendid on trellises, arbors, pergolas, or for covering fences, poles or old dead or ugly tree trunks. It is a strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow. Very hardy, and covered with flowers from July to October; holds its leaves till January. The best bloomer of all. 2 yr., 65c.

KUDZU VINE (Pueraria Thunbergiana)

or Jack-and-the-Bean-Stalk-Vine

The most remarkable climber extant. In rich soil will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Bean; dark green; texture, soft and wooly. Fine for porches, arbors, old trees, etc. Strong roots, each, 60c.

MATRIMONY VINE (Lycium)

Well known, hardy, fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer, and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place. Strong, 2 yr., each, 60c.

WISTARIA

A handsome climbing plant with deeply lobed leaves, sometimes sprinkled with white and pink. Good for low trellis work. Clusters of light blue showy berries. 3 yr., 75c.

Wild Grape Vine. We have fine cultivated vines of these rapid growing, hardy climbers, well suited to the covering of stumps, arbors, etc.

Price, 2 yr., each, 60c.

WISTARIA MAGNIFICA

A strong, rapid-growing vine with light green compound foliage of an evergreen nature and purple black pea-shaped flowers, borne in very dense, long, pendulous racemes in advance of the opening of the foliage.

2 yr., extra strong, 60c; 3 yr., extra strong, 75c; 4 yr., extra strong, 1.00.
BERBERIS THUNBERGII—Japanese Barberry

SHIPPING DIRECTIONS. Shrub orders amounting to $5.00 and over and mixed orders, part shrubs and trees, amounting to $8.00 include prepayment either by express or freight, within limits of Chicago, otherwise Shrub and Trees must be sent by express or freight, customers paying charges. Always give full and explicit shipping directions, as our responsibility ends on delivery of Shrubs and Trees in good condition to the freight or express office. All Trees, Shrubs and Plants shipped subject to customers assuming responsibility regarding State Entomology requirements.

ABOUT PRICES OF TREES AND SHRUBS

Where the price each is given, the following are our rates for 10 of a kind.

<table>
<thead>
<tr>
<th>Age</th>
<th>Height</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-22 year</td>
<td>12 to 15 in.</td>
<td>$0.45</td>
</tr>
<tr>
<td>3-year</td>
<td>18 to 24 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>4-year</td>
<td>18 to 24 in. (Bushy)</td>
<td>$0.80</td>
</tr>
</tbody>
</table>

Less than 5 plants of a kind will be charged at the Each rate.

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

No Trees, Shrubs or other perishable stock are sent C. O. D.

Ask for Pamphlet “Planting Suggestions” useful advice Free.

IMPORTANT. Unpack and examine all packages on arrival, and if roots are dry, give a good soaking with water. Never let trees lie about with their roots exposed to the air. If several have to be planted, open a trench and ‘heel in’ the roots, and then plant at your leisure.

BERBERIS (Barberry)

ALMOND, DOUBLE-FLOWERING (B)

A desirable class of early flowering shrubs, blooming in early spring. Double Pink or Double White, bushy, 2 to 3 ft., $1.00.

ALTHEA FRUTEX (Rose of Sharon) (A)

A free-flowering shrub of easy culture and very desirable on account of blooming in August and September. Flowers resemble a double hollyhock. It requires protection and should be planted only in the spring.

Double White, Pink or Red, extra bushy, 2 to 3 ft., $1.35;
Single Blue, 2 to 3 ft., bushy, 75c.

ARALIA (The Angelica Tree)

The luxuriant, tropical aspect of these plants is extremely charming. The large compound leaves, often 3 or 4 feet long, the huge panicles of creamy white flowers, and, in autumn, the wealth of dark purple berries disposed in numerous globose-like clusters—these constitute some of the glories of the Aralises. They are small trees or bushes, relatively hardy, with the larger or tree-like stems surrounded at the base by smaller, unbranched shoots.

Pentaphylla. (B). A pretty Japanese shrub of medium size, rapid growth, branches furnished with spines, leaves five-lobed. Extra bushy, 2 to 3 ft., 75c; 3 to 4 ft., 90c.

Spinosa (Heracleum’s Club). A large shrub of semi-tropical appearance. Very prickly stem. Bears immense clusters of white flowers. 2 to 3 ft., 65c; 3 to 4 ft., 85c.

Berries are grown in semi-tropical countries. They are delicious when ripe, and are used in making wines and preserves.

Ask for Pamphlet “Planting Suggestions” useful advice Free.

PLEASE NOTE: We cannot accept Orders for Nursery Stock for less than $2.00. Cost of labor and material having doubled since 1917. Customers desiring smaller amounts will kindly add 25c. extra for cost of handling and packing.
HYDRANGEA PANICULATA GRANDIFLORA

Buddleya variabilis Veitachiana (Summer Lilac) (B)

A very pretty shrub of spreading pendulous habit, bearing during late summer and fall, long, tattered spikes, 20 to 30 ft. long, thickly covered with minute tubular light-colored flowers. Awarded First Class Certificate R. H. S., London. Strong plants, 2 yr., $7.50.

Calycanthus floridus (Sweet Shrub) (A)

The Calycanthus is one of the most desirable shrubs. The wood is fragrant, flowers are of a fine cinnamon color, having an exquisite pineapple fragrance. They bloom in June and throughout the summer. 2 to 3 ft., bushy, 85c.

Cephalanthus occidentalis (Button Bush) (B)

A hardy vigorous shrub with large glossy foliage and attractive white flowers. Thrives best in moist loamy soil. Very valuable for waterside planting, especially when fully exposed to the sun. 2 to 3 ft., 85c.

Cerasus (Flowering Cherry) (A)


Japanese argentata var. (B) A pretty dwarf variety with small, green foliage, edged white, slender growth, 1½ ft., extra bushy, 75c.

Cornus (Dogwood) (B)

Hardy and vigorous shrubs, thriving best in moist, fertile soils. In addition, to the showy flowers and fruits which characterize most of the species, they are very attractive objects in winter on account of the brilliant color of the bark of the young shoots and twigs. Valuable for borders and waterside planting.

Cordifolia. (Cornelian Cherry.) (B) One of the earliest of spring blooming shrubs bearing a profusion of small, yellow flowers along its naked branches in early days of spring. 2 to 3 ft., bushy, 65c; 4 to 5 ft., 1.00.

Sanguinea. (Red-branched Dogwood.) Very conspicuous and ornamental. 2 to 3 ft., extra bushy. 75c; 3 to 4 ft., 90c.

Sibircia. (Siberian Red Osier.) An upright shrub with bright red-branched twigs. Native of Siberia. Flowers creamy white in numerous small flat-topped clusters. Fruit light blue or bluish white. 6 to 7 ft., extra bushy, 85c; 4 to 5 ft., 1.15.

Crab (Bechtel's Double-Flowering) (A)

Most beautiful of all the flowering Crabbs; hardy, Trees of medium size are covered in early spring with large, beautiful, double, fragrant flowers resembling small roses of a delicate pink. This is the ideal lawn tree for a small yard. 4 to 5 ft., extra fine, 2.00; 5 to 6 ft., Specimens, 4.50 to $6.00; 6 to 7 ft., Specimens, $6.00 to $10.00. (See also Malus floribunda.)

Crataegus (Hawthorn)

Carri. Foliage dark, glossy green; fruit large, dark red, showy and hangs to tree long into the winter. 5 to 6 ft., 2.50.

Cydonia (Pyrus)

Hardy shrubs with handsome flowers in early spring. They are invaluable for border or garden plantings, and make beautiful informal or clipped hedges. The fragrant fruits are often used for making a tart, delicious jelly. They thrive almost anywhere and well-drained soil.

Japonica. (Japan Quince.) (B) A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in spring. Valuable for ornamental hedges. 2 to 3 ft., 80c; 3 to 4 ft., 1.00.

Cydonia—Continued

Maulei. A beautiful dwarf shrub bearing a profusion of bright orange-scarlet flowers. A very desirable hardy shrub. 2 to 3 ft., 80c.

Rosa grandiflora. Bright rose pink flowers. 2 to 3 ft., 80c.

Rubra grandiflora. Deep crimson flowers, with very showy fruit, 2 to 3 ft., bushy, 1.25; extra bushy, 1.75.

Simonii. (Sand Pear.) A very ornamental rapid growing tree, with masses of white blossoms and deep green foliage. 1½ to 2 ft., bushy, 45c; 2 to 3 ft., bushy, 1.25.

Umbellicata. (B.) Flowers brilliaoy red, succeeded by large showy fruit. One of the finest large shrubs. 4 to 5 ft., bushy, 1.25.

Desmodium Penduliflorum (C)

A shrub-like plant which dies to the ground in winter, but comes up vigorously each spring. Bears attractive sprays of bright rose-colored flowers in September. 2 to 3 ft., 85c.

Deutzia

We are indebted to Japan for this valuable genus of plants. Their hardiness, fine habit, luxuriant foliage and profusion of attractive flowers place them among the most desirable of all hardy flowering shrubs. They bloom in June and throughout July and August. Of easy culture, thriving in almost any well-drained soil.

Crenata. Flora plena. This is a variety that has very double flowers which are white tinged with rose. The flowers are produced in great profusion in racemes from 4 to 5 inches long. 4 to 5 ft., 90c.

Pride of Rochester. (B.) A variety of Deutzia Crenata. Flora plena, and produces a large, double flower, slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profusion of bloom and vigor. 4 to 5 ft., extra bushy, 85c.

Elaegnus (Silver Thorn)

Angustifolia. (Russian Olive.) (B.) A large shrub with silvery, often spiny branches. Leaves light green above, silvery white beneath, lancedolate, 2 to 3 inches long. Flowers yellow within, silvery, on the outside, fragrant. Berries yellow, coated with silvery scales. 4 to 5 ft., 85c; 6 to 7 ft., 1.25.

Euonymus (Strawberry or Burning Bush)

Hardy shrubs with showy fruits, noted for the intense coloring of the fall foliage. They will well adapt for specimen plants or for massing in the shrub borders. They require moist, loamy soil.

Alatus. (Winged Burning Bush.) (B.) Dwarf, compact habit. Wood very corky; leaves small; fruit very beautiful in autumn when the foliage turns bright red. One of the prettiest shrubs for specimen on the lawn. 2 to 3 ft., extra bushy. $1.75; 5 to 6 ft., Specimens, $5.00 to $7.00. 6 to 8 ft., Specimens, $8.00 to $10.00.

Exochorda grandiflora (Pearl Bush) (A)

A vigorous growing shrub, forming a neat compact bush. Pure white flowers borne on albeceous racemes on light and wiry branches that bend beneath the load of bloom. Hardy. 2 to 3 ft., 85c.

Forsythia (Golden Bell)

These are pretty shrubs of medium size. All natives of China and Japan. The flowers are drooping, golden yellow, and appear very early in spring before the leaves are out. Very hardy flowering shrubs. Admired by thousands in Chicago Parks. They should be planted where they will receive the full benefit of early spring sunshine.

Intermedia. Flowers bright yellow, glossy green foliage. 3 to 4 ft., extra bushy, 75c; per 100, $3.00; to 4 ft., extra bushy, 90c. 4 to 5 ft., Specimens, $1.25.

Guilder Rose. See Viburnum Sterile.

Hamamelis virginiana (Witch Hazel) (B)

A shrub with singular bright yellow flowers in late autumn, blooming often after the leaves have been killed by frost. Thrives best in moist, loamy soil, full sun or partial shade. One of the best for autumn bloom. 2 to 3 ft., 65c.

Hippophae rhamnoides (Sea Buckthorn) (B)

A large shrub with spine-tipped branches. Flowers yellowish, produced in short clusters in spring. Berries, orange or bright orange-red, maturing in early autumn. Good for edge of meadow or bluff near the sea shore. 3 to 4 ft., 75c; 4 to 5 ft., 90c.

Hydrangea

Arborescens grandiflora "Snowball" (C)

This new American Hydrangea was found growing wild some years ago in the woods of Ohio and is one of the most beautiful hardy flowering shrubs. Its great beauty, and worth more than its size, is that it comes into bloom just after the flowering time of the Lilacs, Syringas, Viburnums and spring-flowering Spiraeas and continues on into August. The panicle is more like a Snowball in form and size than Panicle Hydrangea (Hydrangea paniculata). It is a pure white, thrives well in various soils but requires shade. 2-yr., bushy, 75c; 3-yr., bushy, 85c.

Hydrangea paniculata grandiflora

Tens of thousands of this noble summer and autumn-flowering shrub have been sold to plant lovers, and the demand for this marvelous plant is now universal. They grow to a height of 8 to 10 feet, and are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom a foot long, white at first, turning to rose in autumn. The foliage turns a rich velvet red in October and continues on into August. The panicle is more like a Snowball in both size and flowering time of the Lilacs, Syringas, Viburnums and spring-flowering Spiraeas and continues on into August. The panicle is more like a Snowball in form and size than Panicle Hydrangea (Hydrangea paniculata). It is a pure white.
LIGUSTRUM (Privet)

These are extensively used for hedges and screens and are also planted among other shrubs for the beauty of their flowers and berries. They are hardy and vigorous, thriving in almost any fertile soil and stand clipping.

Amurensis. (Amur Privet.) (B) A large shrub with upright branches. Leaves dark green and lustrous, tardily deciduous, or in the South nearly evergreen. Flowers white, in erect clusters. Very similar to the California Privet so universally used for hedging in the East, but unlike it here in that the Amur is hardy. 2 to 3 ft., extra bushy, $5.50; per 100, $28.00; 3 to 4 ft., extra bushy, $6.50; per 100, $25.00.

IBota. (Chinese Privet.) (B) A valuable hardy Privet for the western and northern states. It is almost evergreen and grows freely in all soils. Compact and regular in form, and bears berries to any extent. Flowers white and fragrant, leaves long and slender. A charming shrub for edgings or species. 2 to 3 ft., extra bushy, $4.50; per 100; $28.00; 3 to 4 ft., extra bushy, $6.50; per 100, $25.00.

Ovalifolium. (California Privet) (B). Large, broad leaves, and one of the best of all Privets but not hardy in vicinity of Chicago. Those residing in southern states should use it. (Best planted in Spring). 2 to 3 ft., bushy, 40c per 100, $2.00.

Vulgaris. (European Privet.) (B) Very useful for hedges; can be clipped any shape; grown as a single specimen it produces panicles of white flowers in June. The foliage is of a lighter green than the other sorts. Its black berries remain on the bush all winter and are quite ornamental. 18 to 24 inches, 50c; 100, $5.00.

LILAC (True Syringa) (B)

Alphonsea Lavallo. A variety bearing beautiful double flowers of a rare blue color. 4 to 5 ft., $1.50.

Bertha Dammann. Magnificent pure white flowers. 3 to 4 ft., $1.20; 4 to 5 ft., $1.50.

Charles X. A strong, rapid-growing variety, with large, shining leaves; trusses large, of a reddish purple color. 2 to 3ft., 90c; 3 to 4 ft., $1.25.

Congo. Flowers large, wine red. Very valuable. 3 to 4 ft., $1.25.

Japonica. June. Glossy, leathery leaves. It is quite hardy, and the yellowish white flowers after other lilacs are through blooming. 3 to 4 ft., $1.25; 4 to 5 ft., $1.50.

Jeanne d'Arc. Large panicles of pure white flowers. 4 to 5 ft., $1.50.

Josikaea. (Hungarian Lilac.) Has dark lilac-colored flowers. It blooms the first week in June. It is distinct and valuable. 3 to 4 ft., $1.25.

LE GAULOIS. A good strong grower. Trusses very dense; the flowers are double, a rosy-lilac color; a very good flower. 4 to 5 ft., $1.50.

Mad. Casimir. Lilac is the best of the double, double-white lilacs. Immense compact spikes of double white flowers. 3 to 4 ft., $1.25; 4 to 5 ft., $1.50.

Mad. Lemoine. Double pure white flowers, borne in large clusters. Strong bushes. 3 to 4 ft., $1.00; 4 to 5 ft., $1.50; 5 to 6 ft., $2.00.

Marie Legraye. Large panicles of white flowers. Valuable for forcing. The finest white Lilac. 3 ft., $1.25; 4 to 5 ft., $1.50.

Michael Buchner. Dwarf plant, vigorous. Double flowers of pale lilac color. 3 to 4 ft., $1.50; 4 to 5 ft., $2.00.

Persian Purpurea. Small glossy leaves that do not mildew. Sweet scented flowers. 3 to 4 ft., $1.00; 4 to 5 ft., $1.50; 4 to 5 ft., specimens, $2.00.

Souvenir de Louis Spath. A distinct and most beautiful variety having immense trusses of deep purplish-red with enormous flowers. 5 to 6 ft., $1.25; 4 to 5 ft., $1.50.

Villosa. A species from Japan. Large branching panicles; flowers light purplish in bud, white when open; fragrant. Especially valuable, as its flowers appear two weeks after those of other Lilacs. 3 to 4 ft., $1.20; 4 to 5 ft., $1.50.

Vulcan, 2 to 3 ft., extra bushy, $4.50; 4 to 5 ft., extra bushy, 90c; per 100, $2.00; 7 to 8 ft., $3.75; 9 to 12 ft., $7.00.

Waldock-Rousseau. Flowers double, light rose-like. 4 to 5 ft., $1.50.

LILAC TREE FORM

Japonica. A unique species from Japan becoming a good sized tree with glossy leaves that do not mildew. Sweet scented flowers. 3 to 4 ft., 18 to 24 inches, 50c; 100, $3.00.

LONICERA (Bush Honeysuckle)

Handsome upright shrubs, with snowy flowers and bright berries. They thrive in almost any fertile soil, and in most instances prefer sunny situations. Invaluable for border or mass planting. Other species are described under "Vines."

Alberti. A low shrub with slender graceful branches. Leaves narrow, glaucous, of bluish-grey color in winter; fragrant flowers in late spring or early summer. Berries very large, vinous-red, with a glaucous bloom. Well adapted for rock gardens. 2 ft., bushy, 75c.

Avalanche (B). A strong, vigorous grower with wide spreading branches, with pure white flowers produced in May and June, followed by brilliant red berries. 2 to 3 ft., 60c; 4 to 5 ft., Specimens, $1.25.

Tatarica (Tartarian Honeysuckle). A large shrub with numerous upright or spreading branches. Flowers white or pink, borne in great profusion in late spring. Fruit red or orange, ripening in summer and persisting until autumn.

Tatarica Alba (White Tartarian) (B) 3 to 4 ft., extra bushy, 80c; 4 to 5 ft., $1.20.

Tatarica Rosea (Pink Tartarian) (B) 3 to 4 ft., extra bushy, 90c; 4 to 5 ft., extra bushy, $1.20. 5 to 6 ft., extra bushy, $1.50.

Tatarica Rubra. (Red Tartarian) 6 to 7 ft., $1.75.

PRIVET HEDGE

LYCIUM (Matrimony Vine)

An old-fashioned hardy shrub with a wealth of scarlet berries. It thrives in almost any fertile soil. The long branches may be trained over fences or trellises, but more effective results may be obtained by planting at the top of retaining walls or steep banks and allowing the graceful stem to fall over.

Barbarum. 2 year, 90c.

MAHONIA

Aquifolium. (Holly-leaved Barberry or Oregon Grape.) A handsome ornamental shrub with compound leaves, the 5 to 9 leaflets dark lustrous green, spiny toothed. In winter the foliage assumes a bronze or coppery hue. Flowers yellow, in dense clusters, appearing in spring. Berries blue or nearly black. Hardy throughout most of the country, but requires some protection in the colder sections. One of the most desirable of low growing shrubs. The plants we furnish are balled and burlapped and therefore sure to get an early start, 5-year, $1.25; per 100, $3.00.

MALUS (Pyrus)

Arbutofolia (Choke-Berry). Clusters of small white flowers in May succeeded in August by bright red berries that remain until winter. Bright crimson autumn foliage. 3 to 4 ft., $1.00.

Atrosanguinea. Flowers crimson, produced in great profusion. A charming variety. May. 4 to 5 ft., $1.50; 6 to 7 ft., $2.00.

Bechtle's Double Flowering Crab.—See page 118.

Coronia. (Wild Crab Apple). A small tree or bush with spreading spiny branches. Leaves heart-shaped, bronze at the time of unfolding, turning yellow or bronze in autumn. Flowers very fragrant, pink, produced in clusters. Fruit yellow-green, fragrant. Frequently used for making preserves. 3 to 4 ft., $1.00.


Niedzwiedziana. Handsome pinkish white flowers, grand. 6 to 7 ft., $1.50; 7 to 8 ft., $2.00.

MORUS (Mulberry)

Tatarica. (Russian) 20 to 25 ft. Hardier in the northwest than all others. 3 to 6 ft., $1.00; 8 to 7 ft., $1.25.

PHILADELPHUS OR SYRINGA (Mock Orange)

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty, compact bushes, useful for the front of shrubberies.

Avalanche (B). New. The flowers are large, white, very sweet and produced in such profusion that their weight bends the long slender branches almost to the ground, producing a most wonderful effect as if the branches were loaded with new fallen snow. 3 to 4 ft., bushy, $1.00.

Bouquet Blanc. Double or semi-double flowers; very floriferous. 3 to 4 ft., bushy, $1.00; 4 to 5 ft., bushy, $1.25.

Coronarius Aureus (Golden Leaved Mock Orange). Much prized for its bright effect. 2 to 3½ ft., extra bushy, 90c.

Grandiflorus (A). (Large-flowered Syringa or Mock Orange). Without a doubt one of the most popular shrubs grown, and ought to be in every garden, no matter how small. Flowers are pure white, very large and it is one of the most free-flowering of the genus. 3 to 4 ft., bushy, 80c; 4 to 5 ft., bushy, $1.20.

Lemoinei. Flowers are large, semi-double, very fine. The bush is of a dwarfish habit. Considered one of the best of many varieties of Mock Orange. 3½ ft., 85c.

Lemoinei Conqueilli. Branches thin and flexible. Flowers large, double, irregular, with narrow sepals, tulp-shaped; very sweet and floriferous. 2 to 3 ft., 85c.

Lemoinei Erectus (B). A charming variety of erect growth; creamy white fragrant flowers, smaller than the other varieties, but very attractive. Distinctly different from its smaller leaves. 3 to 4 ft., bushy, 85c.

PRIVET. See Ligustrum.
Nigra. (The Black Elder.) A valuable dense shrub for hedges or background. 3 to 4 ft., 75c.

Sambucus. (Elder)—Continued.

Nigra Aurea. (Golden-leaved.) The golden foliage of this makes it in much demand. A shrub 3 ft. high by 3 ft. wide.

Ptelea. (Hop Tree)

Trifoliata. A large shrub or small tree of rapid growth and robust habit. 3 to 4 ft., 85c. 4 to 5 ft., $1.00.

Ribes or Flowering Currant

Alpinum. (B.) An attractive shrub with fragrant golden yellow flowers and deep scarlet fruit. 2 to 3 ft., extra bushy, $1.00.

Rhus (Sumach)

Aromatica. (Fragrant Sumach). A low shrub with a peculiar aromatic odor when bruised. Brilliant red foliage in autumn. 2 to 3 ft., 75c.

Cotinus. (Smoke Tree). A small tree or large shrub with oblong leaves. Flowers pale red, borne on long stalks above the leaves. Foliage bright red in autumn. 3 to 4 ft., $6.00; 4 to 5 ft., $7.00; and 5 to 6 ft., $10.00.

Frangula. (Alder Buckthorn). A shrub or tree. Flowers white, borne on solitary peduncles before the leaves appear. A well known shrub with branches inclined to be spiny. 3 to 4 ft., $3.00; 4 to 5 ft., $5.00.

Glabra. (Smooth Sumach). A shrub or low tree with an open crown. Leaves margined creamy white; flowers pink. A dwarf grower and admirably adapted for the lawn. 3 to 4 ft., 60c; 4 to 5 ft., 85c.

Glabra Laciniata (Cut-leaved Sumach). A very striking plant, of moderate size, with deep purple flowers and small black fruit. A popular hedge plant. 3 to 4 ft., 50c; 4 to 5 ft., 75c; 5 to 6 ft., 1.00; and 6 to 7 ft., 1.25.

Pseudo Acacia (False Locust.) A tree with a comparatively narrow crown. Flowers yellow, blooming before the leaves. 3 to 4 ft., 75c; 4 to 5 ft., 1.00; and 5 to 6 ft., 2.00.

Sambucus. (Elder)

Hardy vigorous growing shrubs with showy flowers and a profusion of berries. They thrive in moist loamy soils, and are well adapted for waterside and border planting.

Nigra. (The Black Elder.) A valuable dense sibhr for screens or background. 3 to 4 ft., 75c.
## ORNAMENTAL TREES

On orders for trees amounting to $12.00 and over, we prepay freight charges within limits of Chicago, orders for smaller amounts are shipped charges collect.

### ASH (Fraxinus)
- **Americanas.** (American White Ash.) A fine tree that produces large clusters of greenish white flowers on the ends of the branches in June. A desirable shade tree for street or lawn planting.
  - Height Caliper
    - 7 to 8 ft., 1½ to 2 inch, $2.00; 8 to 10 ft., 2 to 2½ inch, $3.00.
- **Viridis.** (Green Ash.) A beautiful tree with glossy green leaves and symmetrical habit, rapid growth. A splendid tree for street planting.
  - Height Caliper Each
    - 7 to 8 ft., 1½ to 2 inch, $2.00; 8 to 10 ft., 2 to 2½ inch, $3.00.

### BIRCH (Betula)
- **Lutea.** (Yellow or Gray Birch.) Native of America. Bark, yellowish-gray and somewhat slippery, 6 to 7 ft., $2.50; 8 to 10 ft., $4.50.
- **Papyracea.** (Paper or Canoe Birch.) Native of America. Forms a large tree; bark brilliant white, leaves large and handsome. 7 to 8 ft., $2.50; 8 to 10 ft., $3.50.

### BOX ELDOR (Ash Leaved Maple)
A rapid growing tree with wide spreading branches having bright green leaves, turning yellow in early autumn. 8 to 10 ft., $1.60.

### Catalpa
- **Bungei.** (Umbrella Tree.) These beautiful globe-shaped tops being grafted high on clean straight stems form one of the most valuable trees for landscape design, especially for formal effects. 3 year heads, 5 to 6 ft. clear stem, $4.00 to $5.00.
- **Speciosa.** (Western Catalpa.) One of the most rapid growers, producing large panicles of showy flowers. $1.50 to $2.00.

### Elm (Ulmus)
- **American:** The ideal street tree. We offer shapely trees.
  - Height Caliper
    - Each 10 for 100 for
    - 7 to 8 ft., 1½ to 2 inch, $2.25 to $3.00

### LOCUST (Robinia)
- **Pseudacacia.** (Black or Yellow Locust.) It is well known for its beauty when loaded with its racemes of creamy yellow flowers. 5 to 6 ft., $5.00.
- **Honey Locust.** (American.) A tree of picturesque outline and rapid growth.
  - Height Caliper
    - Each 10 for 100 for
    - 6 to 7 ft., $1.00 to $1.25

### Maple (Acer)
- **Norway Maple.** (Platanoides.) Its compact habit and vigorous growth render it one of the most desirable.
  - Height Caliper
    - Each 10 for 100 for
    - 8 to 10 ft., 1½ to 2 inch, $1.50 to $2.00

### Mulberry (Morus)
- **Ruslan.** (M. Tartaria.) Very hardy, vigorous grower, fruit of small size, varies in color from white to bluish black. 9 ft., $1.50.

### Weeping Mulberry (Morus) Pendula.)** The most beautiful weeping tree of recent introduction. The slender branches grow downward parallel with the stems forming an umbrella-like shape. All who have seen it agree that it has gay airy gracefulness and deliberacy of form, it is without a rival. It undoubtedly takes the foremost place among weeping trees. It has beautiful foliage, is hardy, enduring the cold of the north and the heat of the south. 5 to 6 ft., 2 yr. height, $5.00 to $6.00.

### Oak (Quercus)
- **Pin Oak.** (Quercus Palustris.) An upright vigorous growing variety, forming a stately square headed tree, with long slender pendulous branches. The dark green, deeply cut foliage turns to brilliant yellow and crimson shades in autumn, forming one of the best of our fall color trees. Transplants the easiest of all oaks, and is one of our very finest lawn trees and a desirable avenue tree.
  - Height Caliper
    - Each 10 for 100 for
    - 8 to 10 ft., 1½ to 2 inch, $2.50 to $3.00

### Poplar (Populus)
- **Bolleana.** Grows 60 to 80 feet high. Similar in habit to the Lombardy Poplar; very emphatic and a distinct-looking tree; has silver white foliage.
  - Height Caliper
    - Each 10 for 100 for
    - 8 to 10 ft., 1½ to 2 inch, $2.50 to $3.00

### Walnut
- **Sieboldii.** A perfectly hardy tree of rapid growth and handsome outline. Nuts produced in clusters. 7 to 8 ft., $2.00; 10 for $8.00; 8 to 10 ft., $2.50.
We shall be glad to prune fruit and other trees for planting if requested. In that case, however, our customers cannot accept trees that arrive in our stock from San Jose and other injurious insects, etc., will be attached to all shipments.

Certificate of inspection, showing freedom of our stock from San Jose and other injurious insects, etc., will be attached to all shipments.

APPLES

We offer the following selected varieties in the 4 to 5 ft. size only. Each, $1.20; 3 for $3.30; 10 for $10.00.

**Autumn Strawberry.** Red stripes, very white flesh. Bears young.

**Baldwin.** Large, roundish; deep bright red; juicy, crisp, sub-acid, good flavor with a pronounced apple flavor. One of the most popular commercial varieties in northern states. Dec. to March.

**Banana.** Large, clear yellow, fine quality.

**Ben Davis.** Large, handsome, striped, productive; a late keeper. Remarkably healthy and vigorous for a profitable market sort. Dec. to March.

**Black Ben Davis.** Stronger, harder, and a better drought resistant than Ben Davis; fruit large, solid, deep dark red.

**Delicious.** Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp, melting, very high quality. One of the most desirable early apples in the north.

**Duchess of Oldenburg.** Tree a strong grower, young and abundant bearer. Fruit large, yellow streaked red, rich sub-acid flavor, juicy and good. Valuable in all sections for both market and home use. Early Sept.

**Early Harvest.** Medium to large pale yellow yellow, skin firm, with a mild, fine flavor. An erect grower and a good bearer; excellent for orchard and garden; one of the first to ripen. Middle to end of August.

**Fameuse.** (Snow Apple.) Medium size; deep crimson; flesh snowy white, tender, melting and delicious; one of the finest dessert fruits, and valuable for market; succeeds particularly well in the North. November to January.

**Grimes' Golden.** Greatly prized as a hardy variety, producing annual crops. Medium, roundish oval; rich golden yellow, with small dots; flesh yellow, juicy, tender, crisp, rich, sprightly sub-acid, with a fine aroma. Dec. to Feb.

**Jonathan.** Medium, pale yellow, nearly covered with brilliant stripes of lively red, flesh white, juicy, sub-acid, young. Fall. Succeeds well in the west. Dec. to May.

**McIntosh Red.** Large; skin yellow, nearly covered with bright red; flesh white, tender and juicy. A popular bright red apple largely grown in the North where hardness is required. Nov. to Feb.

**Northern Spy.** Large, rind ribbed. Flesh white and tender, with a mild sub-acid, rich and delicious flavor.

**Northwestern Greening.** Yellow, smooth, rich, of good size, resembling Grimes' Golden in shape and color; good quality and an extra long keeper. Tree hardy, vigorous, abundant annual bearer. Sept. to May.

**Red Astrachan.** Large, beautiful deep crimson, overspread with a thick bloom; juicy, rich, acid, productive. One of the best summer apples. August.

**Rome Beauty.** (Late Winter.) A large, bright red apple that is tender fleshed, juicy, good quality and ripens early. Large, yellow; one of the leading market varieties. September and October.

**Spitznagel.** Large, oblong and tapering; skin smooth, bright red, with numerous russet dots; flesh yellow, crisp, juicy, with a brisk, rich flavor.

**Wagner.** (Ripe Winter.) Wagner is one of the most beautiful winter apples ever grown. It is of the highest quality, the flesh being crisp, tender, and aromatic. We know of no apple possessing greater beauty or of finer quality. Delicately scented, luscious, and delicious to May.

**Wealthy.** The best, handsomest, most satisfactory fall apple. Largely planted throughout the United States. It is large and uniform in size, a brilliant red all over, beautifully overspread with a splendid bloom of deeper red. The tree grows large and symmetrical, is an enormous bearer and is hardy and thrifty. Wealthy trees bear extremely young and none more profitable earlier in life.

**Winesap.** Large, deep red, a good keeper; quality medium, a moderate grower and good bearer. Succeeds well in the west. Dec. to May.

**Yellow Transparent.** One of the most desirable early apples in cultivation. Early bearer, frequently producing fine fruit on 2-year trees in nursery rows. Good grower and healthy; fruit large, fine quality; skin clear, white at first, becoming a beautiful pale yellow. July and August.

CRAB APPLES

Prices same as Standard Apples

Any of the following: 4 to 5 ft. trees. Each, $1.20; 3 for $3.30; 10 for $10.00.

The Crab Apple has many points of excellence. It makes a fine ornamental tree, perfectly hardy, and will grow in any kind of soil. It requires very early and yearly pruning. Unexcelled for jelly and for vinegar, it can be dried or preserved.

**Hyloph.** The fruit is covered with brilliant crimson to dark purplish red, overspread with a thick blue bloom. It is roundish, uniform shape; large size for a crab. Good for pies and cooking purposes.

**Siberian.** Sour and acid; excellent for jelly; a good grower.

**Transcendent.** An old variety, well known for its bright red color, good size, and juicy, crisp yellow, sub-acid flesh; roundish oblong shape. Very good for culinary uses.

**Whitney.** One of the largest, glossy green splashed carmine.

A leaflet on PLANTING, MANURING and PRUNING fruit trees will be sent free to all applicants.

CHERRIES

Any of the following (except where noted): 4 to 5 ft. trees. Each, $1.50.

**DYEHOUSE.** Largely planted for early market, ripening a week before Early Richmond. Early annual bearer, productive, fine size, good quality. Acid.

**EARLY RICHMOND.** Medium size, dark red; melting, juicy, sprightly acid flavor. This is one of the most valuable and popular of the acid cherries for cooking purposes and for making jellies.

**ENGLISH MORELLO.** Rich, dark red fruit. Extra large.

**MONTMORENCY.** A popular market variety; good for all purposes. Vigorous grower, very productive. Fruit large, light red; ten days later than Early Richmond. Oct. to Dec.

**WINDSOR.** Fruit large, light-colored; flesh remarkably firm, sweet and of fine quality. Tree hardy and very profitable. Very valuable late sort. July. 3 to 5 ft., $1.75.

DWARF APPLE AND PEAR TREES

The Dwarf Apple and Pear Trees come into bearing much earlier than the Standard Trees. Their low, broad heads are within reach so that the fruit can be easily picked. These trees take up so little room that they can be planted in the garden, or even on the lawn, and with care will bear good crops within three or four years.

The fruit is of extra high quality. Dwarf Trees are secured by propagating Apples on Paradise stock; Pears on Quince. We have the following list to offer:

**DWARF APPLES.** 3 to 4 ft. Each, $1.50.

**DELICIOUS; Duchess of Oldenburg; Snow Fameuse; Wagner; Yellow Transparent.**

**DWARF PEARS.** 3 to 4 ft. Each, $1.00.

**Bartlett, Clapp's Favorite; Duchess; Seckel.**

PEARS

Price (except where noted), 4 to 5 ft. Each, $1.50; 3 for $4.20; 10 for $13.50.

The soil best adapted for Pear culture is of rich and heavy quality. The fruit of early and summer varieties should be picked as soon as it has attained full size, when, if ripened in dark, dry closets, it is not subject to rotting at the core, and develops its best flavor. The best time for picking is as soon as the weather indicates the liability of hard frost. Spraying is desirable at the blooming season, but leaf-blight cannot be treated by cutting away the diseased limbs entirely. Thinning increases size and quality of remaining fruit.

**Bartlett.** The most popular summer pear; large fruit of musky melting flavor. The tree is a vigorous grower, an early and abundant bearer. August and September.

**CLAPP'S FAVORITE.** Attracts the Bartlett, ripening a few days earlier, hardy and vigorous either on the pear or quince. Care should be taken to pick the fruit at least ten days before ripe.

**Duchess.** One of the latest of Prof. Hansen's hybrids, being a cross of the Terry plum and Japanese apple plum. It bears the largest fruit of any of the hybrids, one of the finest dessert fruits, quality good; ripens in time for the earliest market. July and August 7 to 8 ft., $2.25.

**SECKEL.** Small, yellowish brown, red eeh; best to eat out of hand, or pickle.

PEACHES

The following are of the freestone variety:

**Price, the following 4 to 5 ft. trees, each, $1.00. 3 for $2.70. 10 for $8.00.**

**Champion.** Middle of August. Fruit large, beautiful; skin creamy white.

**Crawford's Early.** Large yellow, of excellent quality. Vigorous and prolific.

**Crawford's Late.** Very large and productive, yellow; ripens about the close of the peach season.

**Crosby.** One of the hardest; abundant bearer, bright yellow. September.

**Floribunda.** Large yellow; one of the leading market varieties. September.

**Wonderful.** Golden yellow, overspread with rich carmine.

PLUMS

**ABUNDANCE.** This is the plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow. August. 4 to 5 ft., $1.50.

**Burbank.** The best and most profitable among growers for market. Tree hardy, sprawling, vigorous grower, unequalled in productivity; fruit large, excellent quality, cherry red with lilac bloom. August. 4 to 5 ft., each, $1.50.

**Duke of York.** A Hanover seedling. Excellent for the market and for making jellies. Fruit of medium size, dark red skin, green flesh, quality good. $2.00.

**Sapa.** One of Prof. Hansen's seedlings. Skin dark purple; flesh, dark purple red.

**An early bearer.** $2.00.

**Ponkan.** A cross of the modern Red Delicious and Japanese plum. It bears the largest fruit of any of the hybrids, one of the finest dessert fruits, quality good; ripens in time for the earliest market. July and August 7 to 8 ft., $2.25.

**Richmont.** Large yellow, one of the leading market varieties. September.

**Wonderful.** Golden yellow, overspread with rich carmine.
Hardy Coniferous Evergreens

E VERGREENS include some of the most beautiful trees in cultivation, and varieties may be selected which are adapted to almost any soil or climate. We are giving attention to the propagation and culture of perfectly hardy species and varieties which are the most useful to the general planter, and the list offered below comprises those most in demand as individual specimens and for windbreaks. As individual specimens for lawn planting, it is difficult to imagine anything more stately and beautiful. As screens against objectionable objects and for windbreaks and hedges, nothing is to be had which will compare with the hardy evergreens.

All of our Evergreens are transplanted every two years, and to insure against loss in handling, each will be lifted with a ball of earth and the roots wrapped in burlap. To be successful, transplanting should be done during the early spring, April or May, and in September, we advise the planting of the larger specimens quoted. By this means you get immediate results, which otherwise would take time to obtain.

PICEA (Spruce)

Excelsa. (Norway Spruce). A tall and beautiful tree, the most widely grown of all the spruces, equally adaptable to planting as specimens on lawns, for shelter or windbreak. 12 to 15 in. $1.00 to $1.50; 3 to 4 ft. $2.50 to $3.00; 4 to 5 ft. $3.00 to $4.00.

Excelsa Nigra. (American Black Spruce). A small or medium sized tree; a native of North America, of great hardiness, and particularly useful for planting in the Northern States. 1 to 3 ft. $1.50 to $2.00. 3 to 4 ft. $2.00 to $3.50.

Koster's Blue Spruce

Pungens Glauca Kosteriana (Koster's Blue Spruce). Notable variety from the Rocky Mountains and the most valuable conifer for ornamental planting. A rapid vigorous grower, with stiff, close branches and brilliant, rich silver blue foliage. Perfectly hardy under all conditions. More in demand at the present time than any other conifer. The stock we offer is the "Compacta" type, which is far more regular, compact and dense than the ordinary Colorado Spruce, besides being of the deepest steel-blue. Beware of seedlings offered at low prices: these are not as blue in color nor as symmetrical and regular in shape. Well-shaped trees, especially selected from our large stock. The variation in these prices is due to the variation in the individual specimens as to color, shape, symmetry and general appearance.

JUNIPERUS (Juncipers)

A Graceful Specimen for Lawn or Mixed Border

JUNIPERUS Pfitzeriana

Brachyphylla. (Nikko Fir). A fine hardy fir, of open habit and rapid growth. Fine for groups or specimens on lawns, etc. 5 to 6 ft. Specimen, $8.00.

Douglasii. (A fine rapid growing fir, for extensive planting, windbreaks, etc. or as individual specimens. 3 to 4 ft. $4.00; 5 to 6 ft. $5.00.

JUNIPERS

Japonica. Foliage beautiful glaucous green, regularly interspersed with branches of a pure white. A distinct, rare and beautiful variety. 2 ft. by 2 ft. $4.00 to $5.00.

Pfitzeriana. One of the best Junipers. Makes rapid growth. Branches are of a thick, rich green, and inclined to droop, making it one of the most desirable as a specimen plant or excellent for rock gardens. Perennial green is desired. It attains a height of about 12 ft. 12 by 18 in. $2.00 to $2.50; 6 ft. by 6 ft. Specimen, $30.00 to $35.00; 6 ft. Specimen, $40.00 to $50.00.

Sabina. (Savis Juniper). A dwarf spreading evergreen, with trailing branches suitable for rock work. 12 by 15 in. $3.50 to $4.00; 6 by 6 ft. Specimen, $25.00 to $30.00.

Virginia (Red Cedar). A rapid, erect grower, with bright rich green foliage. 2 to 3 ft. $2.00 to $3.00; 3 to 4 ft. $3.00 to $4.00.

Virginia Elegans. A distinct and beautiful variety of the Red Cedar, with golden bronze foliage; particularly attractive in winter, when the golden bronze of the young growth is contrasted with the dark green of the older. 4 to 5 ft. $10.00 to $12.00.

Virginia Glauca. (Blue Virginia Cedar). A vigorous growing variety, with foliage of silvery tinge, compact and conical in form. Makes a fine tree. 3 to 4 ft. $8.00 to $10.00.

Virginia Schottii. Best of all the upright green Junipers; fine pyramidal form with foliage of a peculiar bright green. 12 to 18 in. $2.00 to $2.50.

TAXUS (Yews)

Cuspidata. Of dwarf spreading growth, light green foliage. Very hardy. 2 to 3 ft. $5.00 to $6.00; 4 to 5 ft. $6.00 to $7.00; 5 to 6 ft. $7.00 to $9.00.

Cuspidata Brevifolia. A form of the above, with short, dark green leaves. A very handsome, hardy variety. Rare. 12 to 18 in. $5.00 to $7.00.

THUYA (Arborvitae)

Occidentalis. (American Arborvitae). A very pretty shapely tree of pyramidal form. The foliage is a fresh vivid green, mellowing to a softer shade on the under sides. 18 to 24 in. $1.50; 10 to 17.50; 2 ft. $2.50 to $3.00; 3 ft. $2.50 to $3.50; 4 ft. $3.50 to $4.00; 5 ft. $4.00 to $5.00.

Occidentalis Globosa. A round compact form, deep green foliage. Very shapely as a specimen plant or excellent for rock gardens, where perpetual green is desired. 2 to 6 ft. $2.50 to $3.50; 3 to 4 ft. $3.50 to $4.00; 4 to 5 ft. $4.00 to $5.00; 5 to 6 ft. $5.00 to $7.00.

Pinus (Pines)

Pinus Murrayana. (Dwarf Pine). A low growing handsome evergreen with vividly colored leaves of a twisted nature and cones of a brown, grayish tinge. Extra fine. 18 to 24 in. $1.50 to $3.00.

Strobus. (White Pine). A very beautiful and graceful pine, regular in form with dark green foliage, growing quite tall, crowned by a symmetrical formed crown. 2 to 3 ft. $2.50 to $3.00; 3 to 4 ft. $5.00 to $7.00.

THUYOPSIS

Standishii. (Japanese Arborvitae). A beautiful and attractive species with horizontal branches and bright green foliage. 3 to 4 ft. $3.00 to $4.00; 4 to 5 ft. $5.00 to $6.00.

We have KOSTER'S BLUE SPRUCE in all sizes from 2 to 12 ft. high.
BLACKBERRIES
Price, each, 25c; 3 for 65c; 10 for $1.70; per 100, $10.00. If you go by mail, add 10c per doz., or 60c per 100 for postage and packing.

ANCIENT BERRY. Very hardy, productive, and of excellent quality, very prolific. Vigorous, healthy, and one of the hardiest of all.

BLOWERS. A new large blackberry, very hardy and productive.

LINDAUER. The variety is very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large—larger than those of the Concord; a good keeper.

HIMALAYA GIANT. New. Vigorous grower; canes sometimes reaching 30 to 40 feet; must be trained on a trellis. Fruit large, black, has yielded as much as 400 quarts per acre.

SNYDER. Extremely hardy, enormously productive, medium size; no hard, sour core; very hot and juicy; ripens early.

CURRANTS AND GOOSEBERRIES
These can only be shipped to points in Illinois on account of restrictions of the Dept. of Agriculture. We shall be pleased to send list of varieties and prices on application.

GRAPES
Price, (except where noted) 2-year, each 60c; 3 for $1.65; 10 for $5.00; 3-year, each 75c; for $2.10; 10 for $6.50. If you go by mail, add 10c each or 50¢ per 10 for postage and extra packaging expense.

AGAWAN. (Red or Maroon.) Bunch usually loose shouldered; berries large; skin dark black; flesh juicy, of a rich aromatic flavor; ripens about with Concord; a good keeper.

MOORE’S EARLY. (Black.) Bunch medium; berry large, round, with a heavy skin; flavor rich and sweet.

DIAMOND. The leading early white grape. Bunch medium, berry large, skin thin; flavor rich and sweet.

ELDORADO. The vines are very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large—larger than those of the Concord; a good keeper.

Vigor” Strawberry Plant the developed from selected plants.

CURRANTS AND GOOSEBERRIES
Price, each, 20c; 3 for 45c; 10 for $1.30.

RASPBERRIES
Price, (except where noted,) each, 25c; 3 for 65c; 10 for $1.70; per 100, $10.00. If you go by mail, add 10c per doz., or 60c per 100 for postage and packing.

COLOSAL. Truly colossal fruit; dark red berries, sub-saud flavor.

ST. REGIS. Gives raspberries for four months the first year planted. The berries are large and of very fine quality, rich and sugary, and keep longer after picking than any other variety. Ripens about the same time as the Early June, and is superior to it in flavor. Very popular for the vineyard and garden.

These can only be shipped to points in Illinois on account of restrictions of the Dept. of Agriculture. We shall be pleased to send list of varieties and prices on application. 

CHERRY—The Great New Red Raspberry
Victory is a seedling of the Cuthbert, one of our best old raspberries, and resembles that grand variety. Victory has produced regularly for several years nearly twice as much fruit as the Cuthbert, bush for bush, and acre for acre, grown in the same field, under exactly the same conditions. Victory berries are very much larger than Cuthbert and of better quality and flavor. Ripens a week ahead and continues bearing for three weeks longer than the Cuthbert. Victory is a money-maker, fruit having sold at sixteen cents a pint box more than other varieties in the Chicago market.

Price, each, 45c; 3 for $1.09; doz., $3.00.

NEW EVER-BEARING RASPBERRY
ST. REGIS. Gives raspberries for four months the first year planted. The berries are large and of very fine quality, rich and sugary, and keep longer after picking than any other variety. Ripens about the same time as the Early June, and is superior to it in flavor. Very popular for the vineyard and garden.

RUBARB
VAUGHAN’S MAMMOTH RHUBARB ROOTS
2-year and 3-year by mail, 5c per root extra.

1-year, each, 25c; 3 for 45c; 10 for $1.30. 2-year, each, 30c; 3 for 75c; 10 for $2.15. 3-year, each, 50c; 3 for $1.35; 10 for $4.00. Chunks, each, 75c.

Our plants are grown under ideal conditions in Michigan. Note illustration for root development of each variety of rhubarb. They are brought to market when root is large, jet black, and all green—roots when very young. They are hardened in stockbeds in the fields, have 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 is the best and most popular variety; do not hesitate to plant Dunlap. One of the best and most popular.

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Price, each, 45c; 3 for $1.09; doz., $3.00.
SPRAYERS AND DUSTERS FOR INSECTICIDES

Iron Age Vertical Barrel Sprayer Pump No. 191

For the man with a small orchard or a few trees in the garden, a hand pump furnishes high pressure fairly easily. Fits any barrel, but should be fastened to strongest side of barrel, mounted outside of barrel where it is conveniently reached. Not being covered with solution, is not likely to be corroded. Only parts being inside barrel are dasher and suction pipe. Latter has fine screen at bottom, so sediment cannot pass through pump. Dashed operated automatically with pump handle keeps solution mixed thoroughly.

Price, $31.00 without barrel; 191B (with barrel) $28.75; 1911 (without barrel) with 15 ft. lead hose $28.75.

Iron Age 20-Gallon Barrel Sprayer No. 197

For gardens, estates, parks, poultry plants, etc. 20-gallon one man outfit, mounted, brass pump easily taken out of the barrel, and can be used elsewhere. Ball valves, quick packing, easy to get at, 100 pounds pressure. Pump with one hand, guide spray rod with the other. 24 inch wheels, 2 inch tires. Equipment includes 33 inches half inch hose, two lengths of pipe, two feet each, one sliding grip for pipe, one Iron Age nozzle, one extra nozzle or cap for washing windows, etc. Price, $32.00.

Iron Age Horizontal Barrel Sprayer No. 190

For small orchard or garden, used on one-horse cart or sled. Pump outside barrel; gives 100 to 125 pound pressure. Holds 50 gallons. Each sprayer has double hose coupling, so one or two leads of hose can be used.

Price, $49.00 without hose; 1901 with one lead of hose 15 ft. $44.50.

Iron Age Strainer

Should be used on every Spray Rod and will eliminate at least half of your nozzle trouble. Each $1.50.

Sunshine Double Action Spray Pump

A first-class orchard barrel sprayer, made of best material. Solid brass upper and lower cyinders. Main body and pump is all air chamber, and will withstand a pressure of 150 pounds per square inch.

By using an extension rod the tops of highest trees can be reached.

Pump complete with agitator, suction pipe, brass strainer and two leads 3/4 inch hose 5 feet long, fitted with Vermorel or Bordeaux Nozzles. Price, $32.50.

The Daisy Sprayer

Splendid hand sprayer with advantage over similar makes that it sprays when held up or down. Plunger is fitted with double washer which gives spray with backward stroke as well as with forward. Each, $1.00.

Little Giant Duster

The best dry powder gun; will distribute dry insecticides. Will do as much work in a day as a horse-power sprayer. Price, $11.50.

Duster, Lowell

Handy for dusting any powder. Operated same as hand sprayer. Each, 95c.

Powder Gun, Cyclone

Small size, 20c. Jumbo size, 45c. Postage, extra, each, 5c.

The Auto Spray

Eight to ten strokes of plunger in air chamber compresses enough air to discharge entire contents, making continuous spray for nine minutes.

"Auto Spray" is improved by addition of the "Auto Pop" shown in illustration.

Price, galvanized iron reservoir, $7.50, with Auto Pop, $8.00; solid brass reservoir, $10.50, with Auto Pop, $11.00. Extension rods, 2 ft. lengths, 60c. Two-row attachments, $1.50.

Perfection Sprayer

The tank is made of heavier metal than is generally used for similar sprayers, while the valve and pump are of special construction to give better service. The hose is attached at such an angle that it will not kink. Excellent for Whitewash, Water Paints, Insecticides, etc. Galvanized steel, $7.50; all Brass, $10.50.

Fulmigators, Eureka (Galvanized)

No. 5 1/2 pk. of stems...$3.00
No. 2 1 pk. of stems... $4.35
No. 3 1/2 bu. of stems... $5.25
No. 4 1 bu. of stems... $7.50

See page 131 for insecticide nozzles.

AutoSpray No. 10

This is the most excellent for use in gardens, greenhouses, orchards, washing windows, and buggies or whitewashing and spraying poultry houses. It is fitted with Bordeaux nozzle, the best combination with the pump handle keeps solution mixed thoroughly.

Price, $31.00.
INSECT DESTROYERS,

Prices on all insecticides are subject to change as season advances. Chemical market unsteady.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully. 1 oz. bottle, 25c; ½ lb. can, $1.00, makes 40 to 100 gallons; 2 lb. can, $3.25, makes 200 to 500 gallons; 10 lb. can, $13.75, makes 40 to 2100 gallons.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes ten. Also one of the best summer sprays, as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Per qt. can, 45c; 1 gal., $1.00; 5-gal. can, $4.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York). Per box 45c; by mail 50c; smaller size 25c.

APHIS PUNK. Special preparation of nicotine for killing insects. Per pkg., 12 sheets, 75c; 1 case, 12 pkgs., $8.50.

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

CALCIUM, ARSENATE. (Dry.) For dusting and spraying. A new arsenical poison for chewing insects, especially potato beetles. Harmless to foliage, not easily washed off. Lb., 55c; 5 lbs., $2.50; 10 lbs., $4.50.

BORDEAUX MIXTURE. (Dry). The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, seed or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 40c; 5 lbs., $1.75; 25 lb. bags, $9.50.

BORDEAUX MIXTURE. (Liquid). Ready for use by simply adding water. 1 gallon will make 50 gallons liquid. 1 qt., 65c; 1 gal., $1.65; 5 gals., $8.50.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 45c; ½ lb., 20c.

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

FLOWERS OF SULPHUR. Lb., 12c; 10 lbs., $1.00; 50 lbs., $4.00; 100 lbs., $7.50.

FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. 1 qt., $1.25; 1 gal., $3.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. Per lb., 30c; 5 lbs., 95c; 10 lbs., $1.80.

HELLEBORE POWDERED. White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; Lb., 60c; 5 lbs., $2.75; 10 lbs., $5.25.

KEROSENE EMULSION. One of the best insecticides for all soft bodied sucking insects feeding openly, so as to be within reach of actual contact, such as plant lice, flea beetles, aphids, green fly, mealy bug; also for insects on fruit trees, including San Jose scale. Per 1-quart can, 50c; 1 gal., $1.25; 5-gallon can, $4.00.

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

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent. nicotine. ¾ lb., 65c; 1 lb., $2.00; 4 lbs., $7.50; 10 lbs., $14.50.

NICO-FUME. A Tobacco Paper for Fumigating. Strips of Paper strongly saturated with Nicotine. These, when suspended and lighted, make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $5.00; 288 sheets, $9.50.

ARSENATE OF LEAD (Paste). The latest and best known insecticide for all leaf eating insects. It adheres to the foliage for weeks, thus doing away with repeated sprayings. There is absolutely no danger of burning or scorching the leaves. Lb., 40c; 5 lbs., $1.75; 10 lbs., $3.00; 25 lbs., $6.25; 50 lbs., $10.50; 100 lbs., $20.00.

LIME SULPHUR is a powerful fungicide and insecticide. It helps to control scale and other pests on fruits and vegetables. The specified dilutions ensure effective control.

NICKOTIN. A Tobacco Paper for Fumigating. Available in quantities ranging from 1 to 200 sheets. One pound makes 30 to 100 gallons.

PARIS GREEN is a safe and effective insecticide and fungicide. It controls a wide range of pests, including scale insects and leaf miners.

SCALECIDE is a liquid spray that can be used on plants and trees. It is effective against scale insects and other pests.

SULPHO-TOBACCO SOAP is made from tobacco and is used as a fumigating and dusting agent. It is effective against a variety of pests, including ants and cutworms.

THREP JUICE No. 2 is a spray for mealy bug, scale, thrip, codlin moth, canker worm, beetles, and other pests. It is effective against a wide range of insects and can be mixed with Paris Green for added control.

TOBACCO STEMS are used as a mulch for tomatoes and other crops. They are a good source of nutrients and can help prevent weeds.

WORM ERADICATOR is an electric device that can be used to control worms and other pests in the soil. It is available in different models and sizes to suit various needs.

Insecticides Containing Poison Cannot Be Sent by Mail
Garden Insect Enemies

Description and Remedies

SEE OPPOSITE PAGE FOR PRICES AND APPLIANCES

TUSSOCK MOTH—A handsome red-headed yellow and black tufted caterpillar, about one inch long, which devours the foliage of both shade and fruit trees, sometimes eating into fruit. To control this pest, the cotton-like egg masses should be collected in both fall and winter, and trees banded with Tree Tanglefoot. Spray often with Arsenate of Lead, taking care to cover underside of foliage thoroughly.

POTATO BEETLE—These striped yellow and black beetles appear in numbers in early spring and as soon as young plants are up. They commence depositing eggs on the underside of leaves, meanwhile feeding upon the tender foliage. In about one week these hatch a horde of hungry larvae who destroy the foliage rapidly, attaining full size in from 2½ to 3 weeks. Remedies: Spraying or dusting with Calcium Arsenate, Arsenate of Lead, Pyrox, Paris Green.

CABBAGE WORM—These green caterpillars hatch from eggs laid by the common white butterfly. There are several broods produced each season. The most effective means of control is by spraying or dusting with Arsenate of Lead, Calcium Arsenate, Kerosene Emulsion, Pyrox, Hellebore, Hammond’s Slug Shot.

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CUCUMBER BEETLE—These striped black and yellow beetles appear in great numbers and attack the young plants as soon as up. Protect the vines with screens until they begin to run. Spray or dust with Bordeaux Mixture, Arsenate of Lead, Hammond’s Slug Shot, Tobacco Dust, Pyrox, covering underside of foliage.

APHIDES—Plant Lice, Green Fly, Bark Lice, etc., are minute insects feeding upon the sap in the tender parts of plants, both indoor and out. Can be successfully destroyed by the use of the following contact remedies: Black Leaf 40, Nikotene, Aphine, Kerosene Emulsion, Lemon Oil, Nicotin, Tobacco Soap. Contact remedies are effective only when the poison touches the insect. Be sure to cover the underside of the leaves.
No. 306 Combined Double-Single Wheel Hoe, HILL and DRILL Seeder

Four machines in one—a hill seeder, a drill seeder, a double wheel hoe to work astride the rows, a single wheel hoe to work between—each Tool complete and the equal of any tools on the market. The cut below shows No. 306 set up as a HILL and DRILL Seeder. Includes (for $12.25) all parts shown in cut below. Price, No. 306R. Includes pair rakes besides all other parts. Price, $13.00.

No. 307 Combined Double and Single Wheel Hoe and DRILL Seeder

Like No. 306 but is a "Drill" seeder only and with different plow. Wheel Hoe with only the single wheel Hoe order No. 303, Price, $8.50.

No. 308 DRILL Seeder only

No. 318 DRILL Seeder only. Price $13.75.

No. 317 Combined Single Wheel Hoe and Drill Seeder

No. 317 Combined Single Wheel Hoe and Drill Seeder is the same as No. 315 without hill-dropping device. Price $16.50.

No. 304 Combined Double and Single Wheel Hoe and DRILL Seeder

Price, Complete, $17.50.

No. 303 Combined Double and Single Wheel Hoe

This is the Wheel Hoe form of No. 306. Can be made into Single Wheel Hoe in one minute. Cultivates astride the row close up on each side without injury to the plants or between any width rows with hoes reversed. The high wheels make it an easy-running machine. Includes (for $12.25) all parts shown in cut below. Price, No. 303R. Includes pair rakes besides all other parts. Price, $13.00.

No. 301 Combined Double and Single Wheel Hoe

No. 301, Price $12.25.

No. 321, Price $7.00.

No. 320 Single Wheel Hoe

Same tool with rakes is No. 320R. Price, $10.00.

No. 309 HILL and DRILL Seeder Extra Large

An extra large capacity drill for market gardeners. Wheel 16 ins. high with 14 in. tires—runs easily over soft ground. The hopper contains 3 quarts—enough for a round with long rows. Will sow the same seeds as No. 306. The adjustment for the quantity of seed is also the same. Order No. 321, Price $7.00.

No. 308 HILL and DRILL Seeder

Price, complete, $19.00.
PROMPT DELIVERY
By reason of our central location at Chicago and New York City, and by special arrangement with seedsmen known to us in other large cities, we are prepared to make quick special delivery of both Iron Age, and other gardening tools generally within 2 days from receipt of order, often in one day.

No. 19C Wheel Plow and Cultivator
A popular tool of great strength. This tool will do plowing in light soils, and will open furrows for seed or fertilizer. Cannot be excelled as a one-wheel cultivator. Has two sizes of single teeth for work in narrow rows, scuffle hoe, set of three teeth on a bracket and a landside plow. Landside fitted on the plow acts as a guide, absolutely necessary if you expect to make a clean cut furrow, to stay in the ground and do a real job. The 24-inch wheel travels over rough ground easily. Has long hardwood handles adjustable for height, with full plow-shaped grips.

Price
No. 19C $6.75

“Gem” Single Wheel Hoe
A favorite that has given entire satisfaction. Is built largely of steel and unbreakable iron. Wheels and handles adjustable for height. Tools held in notches on under side of frame cannot get loose or slip when working. The tools include five slender cultivator teeth, two sizes of cultivator teeth and a pair of plows which can be used separately or together.

Price
Complete, $8.75

Victory Wheel Plow and Cultivator
Well put together, 8 piece construction throughout except handles, which are made of strong oak or mahogany. 24-inch wheel, rides easily over rough ground. Tools furnished complete of three cultivator teeth on a bracket, a scuffle hoe and a landside plow. Has hardwood handles with plow-shaped grips.

Price
Complete, $5.50

No. 600EL Horse Hoe and Cultivator
Is light, strong, compact and can be adjusted for a wide variety of uses. When used as a cultivator, expands to 30 in. and closes to 14. Can be narrowed to 11 in. by reversing standards. Has long high steel frame that makes the tool steady and clear of trash. As shown in the cut has lever expanded and lever wheel. Can be furnished with plain wheel. Price, $14.75, or with plain wheel and without lever expander. Price, $13.75.

Price
Complete, $15.50

No. 322 Fertilizer Distributor, Hill and Drill Seeder Combined
Applies the fertilizer in connection with the seed, just where it will do the most good. The fertilizer is sown by force feed—no stoppage from small lumps. Coverers draw the soil over the fertiliser soon as sown, two opening plows are provided—one or both can be used, the distributor tubes are brass wire, will not rust and are flexible to allow for narrow and wide adjustments of the plows. The seed attachment is practically same as used on Nos. 306 and 315. Sows in continuous rows or drops in hills. Can be used as side dresser and is sold as such only when so ordered.

Price
Complete, $31.50

No. 1014EP Combined Harrow and Cultivator
An all-around, popular, adaptable tool. Is extensively used in cultivating sugar beets. Has diamond-shaped steel teeth with cultivator point forged on one end. They are adjustable for depth and angle. With lever expander, cultivates 34 in. wide and closes to 11. When furnished without wheel, Price, $12.75.

Price
Complete, $13.50

Corn Planter—Hand
“The Eagle.” This is a rotary planter, having three different sized plates which can be easily changed. Each, $3.25.

Cahoon Seeder
It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ lbs. Price, $6.25.

The Most Popular Quality Hand Tools

<table>
<thead>
<tr>
<th>Tool</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garden Hoe</td>
<td>$1.10</td>
</tr>
<tr>
<td>12-Tooth Steel Rake</td>
<td>.80</td>
</tr>
<tr>
<td>Garden Spade</td>
<td>2.25</td>
</tr>
<tr>
<td>Spading Fork, 4-tine</td>
<td>1.35</td>
</tr>
<tr>
<td>Garden Line for laying out rows</td>
<td>1.15</td>
</tr>
<tr>
<td>Vaughan Trowel</td>
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</tr>
<tr>
<td>Ordinary Garden Trowel</td>
<td>.75</td>
</tr>
<tr>
<td>Dibber for transplanting</td>
<td>.15</td>
</tr>
<tr>
<td>Combination Hand Weeder</td>
<td>.40</td>
</tr>
<tr>
<td>Excelsior Hand Weeder</td>
<td>.15</td>
</tr>
<tr>
<td>Sheep Shears for cutting grass around trees and houses</td>
<td>.50</td>
</tr>
<tr>
<td>Garden Shovel</td>
<td>2.25</td>
</tr>
</tbody>
</table>
Lawn Mowers

The genuine Philadelphia Lawn Mowers are the recognized standard for high class machines. They are universally used in cemeteries and parks, where they are run constantly, day after day. The ordinary mowers cannot stand such usage. We list the three highest grade machines made by the Philadelphia company. Write for catalog.

Style A. High wheel, all steel, very easy to run and light in weight. Ten-inch driving wheels. Long, large bearings, four blades, double ratchet. More of these mowers used by parks and estates than all other makes combined. Three gears on one side.

- 15 in. $25.00
- 17 in. $28.00
- 19 in. $31.00
- 21 in. $33.00


- 14 in. $22.00
- 16 in. $24.00
- 18 in. $26.00

Graham. Named for the president of the Philadelphia company. The finest lawn mower made. All steel cylinder, 4 blades. Driving wheel 10 inches. Train of gears for easy running on both sides. Bearings absolutely accurate. Wheels, gears and cylinders can be removed without disturbing other adjustments.

- 17 in. $28.50
- 19 in. $32.00

Philadelphia Grass Collectors. Have a galvanized iron bottom and never-rust cloth connections. Always be careful to state size and style of Mower when ordering. 14 and 15-inch, $2.90; 16 and 17-inch, $3.00; 18 and 19-inch, $3.25; 20 and 21-inch, $3.45.

Easy Emptying Grass Catchers

These are a handle which gives a balanced grip and an iron bottom and never-rip cloth connections. Always be careful to state size and style of Mower when ordering. 14 and 15-inch, $2.90; 16 and 17-inch, $3.00; 18 and 19-inch, $3.25; 20 and 21-inch, $3.45.

Water or Sand Weight Roller

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively not subject to water entrance. The most efficient and easiest running roller that is made.

- Diameter Length Sec.- Wt., Filled

<table>
<thead>
<tr>
<th>No.</th>
<th>in.</th>
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<tbody>
<tr>
<td>125</td>
<td>14</td>
<td>20</td>
<td>46</td>
<td>14</td>
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<tr>
<td>1824</td>
<td>18 1/4</td>
<td>23 1/4</td>
<td>76</td>
<td>274</td>
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<td>23 1/4</td>
<td>23 1/4</td>
<td>94 1/4</td>
<td>418</td>
</tr>
</tbody>
</table>

Eagle Phila. Horse Mower

The roller of this Mower is in two sections and is 14 inches high, making the 40-inch machine light work for one horse. Weight, exclusive of shafts, 35 inch, 580 lbs.; 40 inch, 610 lbs. Price (including seats, shafts and side-draft attachment) f. o. b. Chicago or New York; 35-inch cut, $160.00; 40-inch cut, $185.00.

N. B.—We can also supply any standard make of Horse Mowers. Write for prices before purchasing.

Phil. Eagle Motor Mower

Walking type, cut 30 inches, weighs 900 lbs., 4 h. p. engine. Riding type, cut 40 inches, 8 h. p. double cylinder engine. Both types have corrugated rollers, with ends closed and differential gears. Can change to Lawn Roller in less than one minute. Can take out cylinder without disturbing frame of machine. Steel and malleable iron used for parts subject to extra strain. Only Flexible frame motor mower made. Adapts itself to uneven ground less subject to breakage. A Motor Mower for use by the average man. Trims large lawns better and at less cost than horse power. Price f. o. b. Philadelphia, Pa. Walking Type, $650.00; Riding Type, $1,200.00. Can make prompt deliveries at this time.

Ideal Tractor Lawn Mower

A Successful Power Mower for Large Private Lawns, City Parks, Golf Links, Public Grounds, Cemeteries, etc.

During the past few years, with the ever-increasing cost of hand labor, the maintenance of large lawns has become a serious problem. The new Ideal Tractor Lawn Mower is the logical answer. It is beyond the experimental stage. There are many Ideal Tractors in operation daily in the different parts of the country and they are giving universal satisfaction. Names furnished on request. In a few minutes the machine can be changed to a perfect lawn roller. One man with this machine can do more and better work than five men mowing with hand mowers. The moderate first cost aids in making it a desirable investment.

The machine has few parts and is as near "tool proof" as is possible to make. Anyone who can keep a gasoline motor supplied with gasoline and oil can operate an Ideal Power Mower. The cutter is pushed instead of driven direct, the same principle as the ordinary hand mower. This saves the breakage which was the cause of many power lawn mowers failures. Motor is sturdy, dependable slow speed single cylinder. Dry cell ignition, built with as few parts as possible. One lever operates it. Five blade cutter, 30 in. wide. Speed 2 1/2 miles per hour. Actual weight 755 pounds.

Write for booklet. Prices; Ideal Tractor Mower one cutting mower, $370.00; with riding tractor, $355.00; extra for one cutting mower, $60.00; extra for putting green mower, $60.00. F. O. B. factory, Lansing, Mich.

Lawn Rollers

Water Ballast Lawn Rollers, steel handles, roller bearings, acetylene welded drums with anti-turf-tearing tires, positively not subject to water entrance. The most efficient and easiest running roller that is made.

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Ideal Junior 21-in. Power Lawn Mower

Ideal Junior Power Mower with one cutting mower. $255.00 Extra for one cutting mower, $35.00 Extra for one 18-inch putting green mower. $50.00 F. O. B. ears, Lansing, Michigan.

Gem Lawn Sweeper

This machine will clean the lawn more thoroughly and quickly than three or four men with hand rakes, and greatly benefit the turf. Put together in the most durable and thorough manner. The rakes are flexible, the rake-heads being divided in the middle and hung on easy-swinging hinges which are kept in position by retaining springs. We can guarantee the machine to do good work. Price, 24-inch wide, each, $33.00.

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 walls, etc.

- Price each, $7.50, complete.

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, $33.00.
Electric Non-Kinkable Hose

Best hose, finest quality of rubber. Will not kink and will last for years. We can supply any length and will fit with snap hose couplings if advised when ordering. Price, 3/4-inch or 3/4-inch, per foot, $6.25; 50 feet, $12.00; 100 feet, $23.00.

Velvet

A first-class smooth hose will give good satisfaction. Price, 3/4-inch, per foot, $5.75; 50 feet, $11.00; 100 feet, $20.50.

XL. No. 4 Even-Spread Sprinkler

Best even spread sprinkler and will fit with snap hose couplings if advised when ordering. Will last for years. We can supply any length.

The Cooper Hose Mender

Best hose mender. Copper, with sharp barbs on either end, prevents hose slipping off. 3/4-inch, each, 10c; doz., 100c; 1-inch each, 12c; doz., 1.25, postage, 5c extra.

Lincoln Park or Butterfly

Cheapest and best sprinkler made. Each, 45c. Mounted on stand: 2-foot, $1.10, 4-foot, $1.20, 6-foot, $1.35.

Columbia Sprinkler

Three-Arm Lawn Sprinkler, which can be operated with a moderate pressure, covers a wide area and distributes the water evenly. The revolving arm throws the water in a fine spray into the air and the motion produces a fine mist. Height, about 1 foot. Each, 25c; 3 for $6.50.

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. The fineness and symmetry of its spray makes it especially desirable for new lawns and flower gardens. Its location may be changed while under full working head with perfect ease, by the aid of a wire or cord. Weight, 2 lbs. Each, 75c.

Australian Sprinkler

This sprinkler is one of the best distributors of water, because of its rapid revolution and form of its wings, spraying the water very finelly and evenly.

Hose Reels, Sprinklers, Rakes, Edgers, Etc.

Hose Nozzles

Gm. Best all-around hose nozzle; can be used for lawn or garden, as it can be changed from fine spray to a stream by simply turning; for 3/4-inch hose. Each, $1.00; by mail, $1.10.

Boston Rose Spray. Brass; for 3/4-inch hose. Useful for watering lawn and garden. Each, $1.35; by mail, $1.45.

"Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each 3 1/2 in. in diameter, about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, $2.75.

Insecticide Nozzles

These are especially designed for use in spraying insecticides. Made to fit 3/4-inch pipe connection. Each, $1.05; for 1-inch hose, order reducer, 45c extra.

Bordeaux Nozzle. Each, $1.25; by mail, $1.30.

Vermorel Nozzle. Each, $1.00; by mail, $1.10.

Bamboo Extension Rod.

Lined with aluminum. Eight feet long, with stop cock. Each, $4.50.

Weed Killer.

Herbicide. For use in clearing grass and weeds from roads, gutters, tennis courts. Use with 20 to 40 parts of water. 1/2-gal... $1.10 1-gal... $1.90 5-gal... $7.50

Grass Hooks or Sickles

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

Scythe Blades

Seyth Stone. Natural, 1½ each.

Shears

Border.—For trimming the edges of borders and walks. 9-inch, $4.75.

Sheep.—With thumb guard. For trimming grass on edges and around flower beds. Each, 50c.

Sheep.—Best quality steel, 9-inch blade, $1.50.

Ideal Lawn Edger

For trimming around edges of lawns and walks. A remarkable tool for any lawn. Adjustable to any grade, and will run close to the walk. Keep knife sharp. Do not use on soaking or wet ground. Each... $3.75
HANGING SELF-WATERING BASKETS

Vines and flowers grow luxuriantly in these baskets. They require watering only once a week. The water goes directly into reservoir and is drawn upon as needed, so earth is always moist. "Never leak a drop," may be the motto. A hanging wire makes the plants plenty of air, protects them from getting bruised, does away with ladders.

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight Per Inch</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 in.</td>
<td>0.38 lb.</td>
<td>$0.32</td>
</tr>
<tr>
<td>12 in.</td>
<td>0.43 lb.</td>
<td>$0.50</td>
</tr>
<tr>
<td>14 in.</td>
<td>0.60 lb.</td>
<td>$0.55</td>
</tr>
<tr>
<td>16 in.</td>
<td>0.65 lb.</td>
<td>$0.62</td>
</tr>
</tbody>
</table>

The Little Wonder No-Drip Hanging Basket

A self-watering basket, which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and no-drip feature of this basket makes it an ideal basket for either porch or inside use.

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<td>$0.62</td>
</tr>
</tbody>
</table>

DANDELION KILLER. Ideal. A tube 1 1/2 in. diameter, 30 in. long, holds one quart gasoline, which is dropped into dandelions. Each, $1.35.

FRUIT Picker.—Giwel's Fruit Picker is built with a stout canvas bag hung on a strong metal frame with a mouth or lip operated by a line from below. Reaches all branches, high or low, works quickly, keeps fruit from getting bruised, does away with ladders.

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight Per Doz.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-inch</td>
<td>0.90 lb.</td>
<td>$1.00</td>
</tr>
<tr>
<td>6-inch</td>
<td>1.00 lb.</td>
<td>$1.00</td>
</tr>
<tr>
<td>7-inch</td>
<td>1.25 lb.</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

HOT BED SASH

HOT BED SASH.—Made of the very finest material. Unglazed are not painted. Glazed, painted one coat. Single strength glass. Add 95c. per sash for double strength.

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight Per Sack</th>
<th>Price</th>
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</thead>
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<tr>
<td>3 x 6 ft.</td>
<td>3 lbs.</td>
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<tr>
<td>3 x 8 ft.</td>
<td>5 lbs.</td>
<td>$7.75</td>
</tr>
<tr>
<td>3 x 10 ft.</td>
<td>10 lbs.</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

GLOVES. — Gardener's.

GARDEN LINE REEL. Each, $1.10 (weight 2 lbs). GARDEN LINE. Each heavy banded. Per 100 feet, $1.15 by mail, $1.25.

GRaFTING WAX. — Per 1/4 lb. bar, 15c; 1/2 lb. bar, 25c; 1 lb. bar, 45c.

HOES

Draw or Field. Socket handle. Each, $1.10. Combination Draw and Rake. 4 1/4-inch cut and 4 teeth. Each, $1.10; 6 1/4-inch cut and 6 teeth, $1.20.

English Seuffle or Push. 6-inch, $1.35; 8-inch, $1.50.

DIBBER. For transplanting vegetable plants; steel point. Each, 65c; (weight 10 oz.)

Fork.—Digging or spading, 4 times. Each, $1.35.
SHEARS—Hedge. Best imported.

Gallonized Wire Stakes.

SPRADES—Vaughan’s Special D handle. Ea. $2.25
Ames. D long handle. Each. 2.75

SHOVELS—Per dozen. 100

Sprinklers—The Lenox.

THERMOMETERS. Tin Case. 8-in. 45c; 10-in. 50c.

TOMATO SUPPORTS—Made of heavy galvanized wire.

SPRINKLERS—Perdoz. 100

TUBS—(Flower) Richmond.

SPRINKLERS—Lenox.

TUBS—Green Painted Wood. Very useful for tying plants, shrubs, etc.

TERNELLS.—Wood. Fan shape.

TRAVEL RACK

TURREL.—Wood.

WATER BARREL, HAND CART, LEAF RACK

WATERING POTS

WEEDERS.—Combination. Each, 40c.

WEEDERS.—Combination. Each, 40c.

WEEDERS.—Combination. Each, 40c.

WHEELBARROWS.—Globe Garden.

WHEELBARROWS.—Globe Garden.

WHEELBARROWS.—Excelsior.
## MISCELLANEOUS HORTICULTURAL SUPPLIES

### BEST MATERIALS FOR GREENHOUSE USE

**Mastica**
- For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, $2.75.

**Mastica Machine**
- For applying mastica. Weight, 1½ lb. Each, $3.00.

**Putty Bulb**
- Scollay's. Useful tool with a tube for applying liquid putty on greenhouses. (Weight 1½ lb.) Each, $1.50.

**Putty Knife**
- Each, 35c.

**Gazette Glazing Cement**
- A perfect compound for glazing, repairing, and repairing work on glass, paper, and glass. Made from a long fiber asbestos and glass in a size of 3 to 4 gallons. For glazing purposes it requires 8 to 10 gallons to each thousand feet of glass. Per gallon, $2.75; 5 gallons, $13.25; 25 gallons, $75.00. Glazing guns gratis with each 35 or 55-gal. drum.

**Sheet Moss**
- Prepared moss for applying liquid putty in glazing greenhouses. Each, $1.50.

**Savoy Self-Watering Flower Boxes**
- One of the best types of flower boxes. Made of galvanized steel with neat round corners and a full roll rim—beautifully finished in aluminum. Each, $1.75.

**Saws, Double-Edged Pruning**
- 16-inch, $1.50; 18-inch, $1.60; 20-inch, $1.75.

**Vaughan's Perfection Pruning**
- Made of the best steel with adjustable blade, so any branch can be easily removed close to the trunk. Can be used as a hand saw or fastened to any size pole. Each, $2.50; 3 for $7.25. Extra blades, 35c.

**California Pole Trimmer**
- Curved, draw-out saw with crook for removing branches. Each, $1.90.

**Pruning**
- Best grade, with double brass spring. Each, 35c.

**Levin's Pruning**
- One of the best pruning shears made. Each, 35c.

**Imported Pruning Shears**
- 8-inch, without ratchet. Each, $2.00.

**Clyde Draw Cut Pruner**
- Extra strong, long handle. Each, $3.50.

**Buckeye Pruning**
- Long handle. Each, $1.85; large size, heavier, $2.25.

**Tree Pruners, Waters**
- Length of pole, 6 ft., $1.65; 8 ft., $1.90; 10 ft., $2.25; 12 ft., $2.50. Extra knives, each, 35c.

**No. 4, Jointed Tree Pruners, Waters**
- The cutting head is made of tough, high grade steel. The pole is made of 4 ft. lengths, making a tool convenient to carry on street car or automobile, and can be used as an 8 ft. or 12 ft. pruner. Price, complete, $5.00.

**Cyclone Seed Sower**
- Cyclone. (New Improved Model). An accurate and reliable sower, for all broadcast sowing or fertilizing. Fits comfortably over shoulder; provided with automatic adjustment for stopping flow of contents when required. A great time and labor saver. Each, $3.00.
**VAUGHAN'S HIGH-GRADE FERTILIZERS**

**The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth**

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. The quantity of pounds to be used per acre depends upon the nature of the crop, on the natural condition of the soil or the application of stable manure only for 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 profitably crops.

---

**SPECIAL TRUCK AND FARM MANURE 5-8-1**

This is a good grade of concentrated Manure, suitable for lawns and gardens as well as vegetables mentioned below. It is of exceptional value and will prove a money-saver to all truck farmers, as a garden crop dressing, for potting purposes. Beets, 500 to 1,500 lbs.; Carrots, 300 to 600 lbs.; Turnips, 500 to 1,000 lbs.; Blackberries, 400 to 800 lbs.; Grapes, 500 to 1,000 lbs.; Strawberries, 200 to 1,000 lbs.

**FERTILIZER MIXTURE 2-8-1**

For fruit trees and small crops of vegetables, one or two bushel bags of the new mixture per acre is recommended. It suits all growing conditions and contains just the right proportion of Nitrogen, Phosphoric Acid, and Potash. It is also suitable for lawn and garden. For shrubbery, one sack per 500 square feet.

---

**VAUGHAN’S “ROSE GROWER” BONE MEAL**

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid and a superlative article. It is made from bone accumulated during the war. It can be used alone for potting and bedding out, or in any other way. It has been made in comminuted form, and should be used as a top dressing for Chrysanthemums and similar plants. It is entirely soluble and differs from the common manures.

---

**VAUGHAN’S “SPECIAL” CHRYSANTHEMUM MANURE**

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a new feature of the growth at the expense of another. It is clean in use, absolutely caustic and will not burn the humus in the soil, consequently can be applied any time of the year without danger. Price, 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $4.00; 250 lbs., $10.00; 500 lbs., $20.00; 1000 lbs., $40.00; 2000 lbs., $75.00.

---

**PULVERIZED LIMESTONE**

The best form in which to use Lime as a neutralizer for acid Soils. It is not caustic and will not burn the humus in the soil, consequently can be applied any time of the year without danger. Price, 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $4.00; 250 lbs., $10.00; 500 lbs., $20.00; 1000 lbs., $40.00; 2000 lbs., $75.00.

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**NITRATE OF SODA or Chili Salt彼特**

Nitrates of Soda is not a substitute for other manures, but we recommend it as a good and cheapest form in which to use Nitrogen to plants. Gardeners who are using manure for potting purposes have found that the Nitrate of Soda has a stimulating effect on seedlings and a decided promoting effect on growth. Price, 5 lbs., 100c; 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $6.00; 200 lbs., $5.00; 500 lbs., $12.00.

---

**ACID PHOSPHATE 16%**

Used on grain crops and others requiring an acidifying effect. Price, 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $4.00; 200 lbs., $7.50; 500 lbs., $30.00; 1000 lbs., $60.00.

---

**VAUGHAN’S SHEEP MANURE**

This is a pure, natural Manure, and its effect is immediate; it is excellent for potting up and as a top dressing for the soil for greenhouse plants—one part manure and six parts soil. Sown 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 concentrated and combined with a large variety of manures, all of which can be used with safety daily. Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.50; 250 lbs., $20.00; 1000 lbs., $35.00; 2000 lbs., $65.00.

---

**VAUGHAN’S LAWN FERTILIZER**

Make first application in early spring, when frost is out of the ground, distribute evenly 25 lbs. fertilizer to every 1,000 square feet of lawn. In seeding down new lawn, scatter double the amount, 50 lbs. of fertilizer over every 1,000 square feet; rake in thoroughly, then sow seed. Price, 5 lbs., 50c; 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $3.50; 100 lbs., $6.00; 200 lbs., $5.00; 500 lbs., $25.00; 1000 lbs., $48.00; 2000 lbs., $93.00.

---

**ACID PHOSPHATE 16%**

Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., $1.50; 50 lbs., $2.25; 100 lbs., $5.00; 250 lbs., $15.00; 1000 lbs., $27.50; ton, $50.00.

---

**VAUGHAN'S CONCENTRATED PLANT FOOD**

A most useful Fertilizer for all kinds of plants raised in pots. It produces a rapid and healthy growth of flowers. A proper mixing of flowering plants and of other plants is recommended. Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $5.00; 500 lbs., $20.00; 1000 lbs., $35.00; 2000 lbs., $65.00.

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**SULPHATE OF AMMONIA**

Used as Nitrogen. A very desirable fertilizer for all crops where a large leaf production or a rapid growth is desired. Use 1 pound to 50 square feet of ground, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., $2.00; 50 lbs., $3.50; 200 lbs., $20.00; 1000 lbs., $35.00; 2000 lbs., $65.00.

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**HORN SHAVINGS**

These are largely used by florists on such plants as Eupatorium, Geranium, etc., and in the large vases in Parks and Cemeteries, to supply food after the natural fertility of the soil is exhausted. Price, 25 lbs., $2.00; 50 lbs., $4.00; 100 lbs., $8.00; 500 lbs., $35.00.

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**IMPORTANT**

The prices on this page are based on the following prices of Fertilizers, but are subject to change due to market fluctuations.

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We are not responsible for loss in weight of Imported Fertilizers, due to evaporation.
From

P. O. State

Vaughan's Seed Store

43 Barclay Street

New York
ORDER for SEEDS, BULBS and SUPPLIES TO
(Use Special Order Sheet attached for Plants, Trees, Shrubs, Etc.)

VAUGHAN’S SEED STORE
41-43 Barclay Street, NEW YORK
10-12 West Randolph Street, CHICAGO

NAME............................................. Date.....................
(Write very plainly)

Post Office .................................. State....................
County ........................................ Street, P. O. Box
 or Rural Delivery .........................

Express or Freight Office {If different!} Forward Goods by...
from P. O./

AMOUNT ENCLOSED
Money Order - $ ...........................
Draft or Check $ .......................

Make money orders or checks
payable to Vaughan’s Seed Store
Cash - - - - - $ ..........................

Amount enclosed
(Loose money is not safe)

Postage Stamps $ ..........................

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

We do not warrant in any way, express or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge.

VAUGHAN’S SEED STORE (Incorporated).

N.B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

Substitutes You may substitute the next best of any variety you cannot supply
(Please mark a cross (X) in one of the above spaces.)

Quanity
NAME OR CATALOG NUMBER OF ARTICLE
Where Catalog gives a Number, please order by it.

Weight
PRICE
For Parcel Post Only
Dols. Cents

If by mail, and PREPAID OFFER on inside cover does not apply, add postage for your Zone
Order to Vaughan’s Seed Store

Greenhouses, Nurseries and Trial Grounds, Western Springs, Ill.

41-43 Barclay St., NEW YORK  10-12 W. Randolph St., CHICAGO

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<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>NAMES OF ARTICLES</th>
<th>PRICE</th>
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NOTICE—We do not warrant in any way, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs, or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions we make this sale, at the moderate prices at which we sell our goods.

Vaughan’s Seed Store (Incorporated).

AMOUNT ENCLOSED
Cash, $.
Money Order, $

Postal Stamps, $
Draft or Check, $

If by parcel post, and not quoted at prepaid prices, add 20c per dozen for postage. No Nursery Stock sent C. O. D.
How to Order

Early Orders
Kindly send in your order as soon as convenient after receiving catalog. Our rush season begins in the months of March and April. Orders received earliest secure the promptest shipment and from our own stock.

Daily filling of seed orders is the Vaughan rule.

Order Sheets
Use the order sheets accompanying this catalogue. One for Seeds, Bulbs and Garden Sundries, the other for Trees, Plants and other Nursery Stock. Please fill in all particulars carefully and distinctly with your Zone Number and keep a copy of your order.

Seed and Bulb Orders
should have the quantity required written distinctly and unmistakably on the original order, for these, and should state quantity, size or age required of each variety, with the price for same carried out. No plants, trees or shrubs sent C. O. D.

Plant and Tree Orders
should be written on the order sheet provided for these, and should state quantity, size or age required of each variety, with the price for same carried out. No plants, trees or shrubs sent C. O. D.

Order Sheets
Use the order sheets accompanying this catalogue. One for Seeds, Bulbs and Garden Sundries, the other for Trees, Plants and other Nursery Stock. Please fill in all particulars carefully and distinctly with your Zone Number and keep a copy of your order.

Free Delivery
We prepay at our option (mail orders in the United States or Canada for 50 cents. See our prepaid offer above or zone B).

First, Second and Third Zones from Chicago or New York all Flower and Vegetable Seeds ordered at rates of single packet, ounce, quarter-pound, half-pound and pound; also two pound lots of Peas, Beans and Sweet Corn. (When brought in at the proper time, and at special quantity prices, add postage at zone rates.

N. B.—Buyers who reside beyond the third zone from Chicago or New York may have all the seeds above mentioned prepaid for FIVE CENTS (5 cts.) per pound additional.

This offer includes the 4th, 5th, 6th, 7th and 8th zones and the dependencies of the United States.

These Special Free Deliveries do not include C. O. D. shipments, which travel at buyer's expense.

Mistakes
These will happen in spite of all. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

Gardeners Supplied
We usually base on our books, names of dependable, expert seedsmen, and are very careful to recommend none but those with good records. No charge is made for this to either party.

Our Terms and Conditions
We prefer that mail orders be drawn to our order payable to "Vaughan's Seed Store," and money orders are strictly cash with order.

Our Responsibility
It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands—especially one like seeds, which are planted in the ground under varying conditions of soil and climate. We, in common with all American seed houses, disclaim responsibility to the extent of the amount of money paid for the seeds, if we are immediately advised in case of any dissatisfaction.

We wish it understood that all our stocks are sold under the following conditions:

We Do Not WARRANT in any way, expressed or implied, the contents or the dependencies of the description, purity, productiveness or any other matter of any seeds, plants, bulbs, roots, shrubs or trees sold by us, and we will not be made responsible for the crop. If the purchaser does not accept these goods according to the above terms, no sale is made thereto, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our seeds.

Please mark this number in the space provided for same on the right upper hand corner of each order which you send to us.

For express orders, please state in your order whether the goods are to be shipped by domestic parcel post within the United States, or if within 150 to 300 miles from the nearest railway station, by express or local delivery.

Parcel Post Rates
General orders for garden seeds, where possible, are best sent this way. Orders over FIVE POUNDS (5 lbs) weight going to 5th Zone and beyond, will travel cheaper by express than by parcel post.

How to Send Money
Send by New York or Chicago draft, registered letters, or postoffice or express money order; both are cheap and absolutely safe. Small postage stamps are taken as cash, (Mark your Zone Number on order.)

DOMESTIC PARCEL POST RATES
On Seeds, Plants, Bulbs, Roots, Seeds, etc., within the U. S. and Possessions.

First Zone Chicago or New York City or 50 miles therefrom.
Second Zone within 50 to 150 miles of either.
Third Zone within 150 to 300 miles.
Fourth Zone within 300 to 600 miles.
Fifth Zone within 600 to 1000 miles.
Sixth Zone within 1000 to 1500 miles.
Seventh Zone within 1500 to 2000 miles.
Eighth Zone within 2000 miles and Canada.

NOTE.—Limit of weight for delivery within the first and second zones, 50 pounds; to Canada 4 lbs. 6 oz. (postage 60c); to all other zones 20 pounds. If weight exceeds this, we will pack in 2 or 3 parcels (not more) provided money is remitted to cover postage. (Mark your Zone Number on order.)
We will consider it a special favor if you write below, the names of some of your friends who are likely to use seeds or plants.

<table>
<thead>
<tr>
<th>NAMES</th>
<th>POST OFFICE</th>
<th>COUNTY</th>
<th>STATE</th>
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<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>NAME OR CATALOG NUMBER OF ARTICLE</th>
<th>WEIGHT</th>
<th>PRICE</th>
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DOMESTIC PARCEL POST RATES
On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Postage Details</th>
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<tbody>
<tr>
<td>First Zone</td>
<td>Chicago or New York or 50 miles thereof...</td>
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<tr>
<td>Second Zone</td>
<td>within 50 to 150 miles of either...</td>
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<tr>
<td>Third Zone</td>
<td>within 150 to 300 miles...</td>
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<tr>
<td>Fourth Zone</td>
<td>within 300 to 600 miles...</td>
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<tr>
<td>Fifth Zone</td>
<td>within 600 to 1000 miles...</td>
</tr>
<tr>
<td>Sixth Zone</td>
<td>within 1000 to 1400 miles...</td>
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<tr>
<td>Seventh Zone</td>
<td>within 1400 to 1800 miles...</td>
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<tr>
<td>Eighth Zone</td>
<td>all over 1800 miles...</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Zone</th>
<th>Postage Details</th>
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</thead>
<tbody>
<tr>
<td>First Zone</td>
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<tr>
<td>Second Zone</td>
<td>5c 1c</td>
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<tr>
<td>Third Zone</td>
<td>5c 2c</td>
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<td>Fourth Zone</td>
<td>5c 4c</td>
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<tr>
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<tr>
<td>Seventh Zone</td>
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<tr>
<td>Eighth Zone</td>
<td>12c</td>
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</table>

Total Weight, Amount for Postage, Grand Total, $
VAUGHAN'S SEEDS

CHINESE OR PETSAI CABBAGE

VAUGHAN'S BANTAM EVERGREEN

JOHN BAER TOMATO

CUCUMBER THE VAUGHAN