1929



METRO TORONTO CENTRAL LIBRARY SCIENCE

Steele, Briggs' Seeds for Canadian Farms and Gardens

STEELE BRIGGS SEED CO, LIMITED, TORONTO, CANADA.
"Canada's Greatest Seed House"

STEELE, BRIGGS SEED CO., LIMITED

Toronto, Hamilton, Winnipeg, Regina, Edmonton

Catalogue of Seeds, Bulbs, etc., for 1929

General Information

PRICES—The prices quoted herein are based on values at the time of compiling this Catalogue. While we anticipate being able to fill all orders at these prices, we cannot guarantee this as the season advances. If changes occur, we will in all cases send full value for the money or write our customers before shipping. If prices decline you will get the benefit. All offers in our Catalogue are "**conditional that we have the stocks, and prices are subject to change without notice." We also reserve the right to limit orders in respect to quantity.**

ORDER EARLY—It will be a great convenience both to customers and to ourselves if orders are sent us early. We aim to fill the orders the day received, but during the rush season find this not always possible—hence the advantage in ordering early.

YOUR NAME AND ADDRESS—Make sure that your name and address in full are written very plainly before mailing your order. **If writing about your order be sure to mention the post office shown on your original order.**

WE DELIVER FREE all seeds, etc., where prices are marked "by mail or express prepaid," routing, our option. On larger lots or where prices are not so marked, customers pay freight or express.

SAFE ARRIVAL.—If your seeds, bulbs, etc., are not received in a reasonable time send exact copy of order, give date sent in, amount and description of remittance, etc., and we will investigate promptly on your behalf.

CORRECTION OF ERRORS—We exercise the utmost care in filling orders, but in the rush of our busy season, errors will sometimes occur, in which case we will appreciate being advised of the fact at once, when proper correction will be promptly made. As we do not send invoices with mail orders, please keep copies of your orders for comparison.

OUR FACILITIES AND EQUIPMENT—No seed house on the continent has better equipment and facilities, with each department of the business backed by expert knowledge and thorough experience.

SENDING PLANTS—All orders for plants and bulbs which are liable to damage from frost will be held till about the 1st of April, when we begin shipping and continue as fast as the weather will permit until all are sent out; should the seeds be sent and not the plants and bulbs, do not be impatient, as they are held for your protection against loss and will be forwarded when the weather permits.

STATIONS WITHOUT AN AGENT necessitate prepayment of the freight or express. Additional money must be sent to cover this. We would, however, advise shipping in all cases to "open" stations, even where it makes a longer drive. Railways disclaim responsibility for goods lost if shipped to a station without an agent.

CONDITIONS OF SALE:—"Steele, Briggs Seed Co., Limited, give no undertaking or warranty, express or implied, and will not be responsible for damages arising from any breach of condition, express or implied, as to the variety, description, quality, productiveness, or any other matter of any seeds, bulbs, or plants it sells and will not be in any way responsible for the crop."

BULB CATALOGUE—A Catalogue of Bulbs for Autumn Planting and for Winter Flowering in the house, will be forwarded to customers who purchased Bulbs or Seeds the past season, and to others who ask for it. Ready about September.

Your Neighbour Needs Steele, Briggs Seeds

Please show this **Seed Annual** to your friends; and, if you should receive an extra copy be kind enough to hand it to some neighbour interested. Further, we will be glad to send a copy **free** to any of your friends likely to want seeds. In return we will ask you to **speak a good word for us** wherever, and whenever you can. An order this Spring, no matter how small, secures our catalogue next season as soon as issued.

RATES OF POSTAGE ON PARCELS MAILED IN THE PROVINCE OF ONTARIO

Addressed to	1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	Over 10 lbs. and up to 15 lbs.
	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c
Any post office within 20 miles* including place of mailing	0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.25
Any post office beyond 20 miles but within the province of Ontario	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.55
Any post office in Quebec or Manitoba	.10	.17	.24	.31	.38	.45	.52	.59	.66	.73	.75
Any post office in Saskatchewan or Maritime Provinces	.12	.21	.30	.39	.48	.57	.66	.75	.84	.93	1.15
Any post office in Alberta	.12	.24	.36	.47	.58	.69	.80	.91	1.02	1.13	1.35
Any post office in British Columbiaor Yukon†	.12	.24	.36	.48	.60	.72	.84	.96	1.08	1.20	1.50

The maximum charge on any parcel shall not exceed 1 cent an ounce. *This rate also obtains in cases where the 20-mile area extends into an adjacent Province. †Summer service only, except to White Horse, Carcross and Champagne.

USEFUL TABLES FOR THE FARMER

FIELD	Per Acre
Sugar Beet, in drills	4 to 5 lbs.
Mangel, in drills	4 to 5 lbs.
Carrot, in drills	2 to 3 lbs.
Turnip, in drills	2 to 3 lbs.
Turnip, broadcast	5 to 6 lbs.
Essex Rape, broadcast	5 to 6 lbs.
Essex Rape, in drills	2 to 3 lbs.
Potatoes, hills or drills, cut	10 to 14 bus.
Potatoes, hills or drills, cut to single eyes	6 to 8 bus.

GRAINS

	Quantity per Acre	Weight per bus.
Barley	1¾ to 2 bus.	48 lbs.
Buckwheat	½ to ¾ bus.	48 lbs.
Corn in hills, to mature	12 to 18 lbs.	56 lbs.
Corn, for fodder, in drills	20 to 30 lbs.	
Corn, for fodder, broadcast	1 to 1½ bus.	
Flax	½ to ¾ bus.	56 lbs.
Oats	2½ to 3½ bus.	34 lbs.
Peas	2½ to 3½ bus.	60 lbs.
Rye for grain	1½ bus.	56 lbs.
Rye for fodder or pasture	2 to 2½ bus.	
Speltz (Emmer)	1½ bus.	50 lbs.
Tares or Vetches	1½ to 2 bus.	60 lbs.
Tares, for ploughing down	2 to 3 bus.	
Wheat, Spring	1¼ to 2 bus.	60 lbs.
Wheat, Winter	1¼ to 1½ bus.	

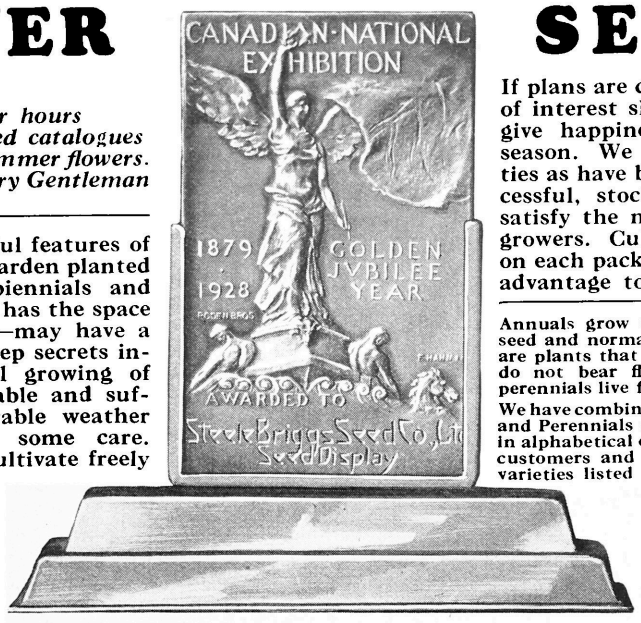
CLOVERS AND GRASSES

	Quantity per Acre	Weight per bus.
Alfalfa	10 to 15 lbs.	60 lbs.
Clover, Red	8 to 12 lbs.	60 lbs.
Clover, Alsike	6 to 10 lbs.	60 lbs.
Clover, Sweet	10 to 15 lbs.	60 lbs.
Clover, White Dutch	4 to 5 lbs.	60 lbs.
Brome (Bromus inermis)	12 to 15 lbs.	14 lbs.
Blue Grass	15 to 25 lbs.	14 lbs.
Orchard Grass	15 to 25 lbs.	14 lbs.
Red Top	10 to 20 lbs.	14 lbs.
Timothy	6 to 8 lbs.	48 lbs.
Western Rye Grass	14 lbs.	14 lbs.
Hungarian and Millet	30 to 45 lbs.	48 lbs.
Japanese Millet, broadcast	15 to 20 lbs.	
Japanese Millet, drills	10 to 14 lbs.	

FLOWER SEEDS

A jolly occupation
For dreary winter hours
Is thumbing colored catalogues
And planning summer flowers.
—The Country Gentleman

One of the most delightful features of any home is a well kept garden planted with choice annuals, biennials and perennials. Anyone who has the space—no matter how small—may have a garden. There are no deep secrets involved in the successful growing of flowers. Good seed, friable and sufficiently rich soil, favorable weather conditions, and, lastly some care. Keep down the weeds; cultivate freely and as often as possible.



Gold Medal awarded to Steele Briggs Seed Company, Limited for Trade Exhibit of Seeds, Plants, Flowers, etc. at Canadian National Exhibition, season 1928.

If plans are carefully made, something of interest should always be found to give happiness during the flowering season. We have included such varieties as have been tried and proven successful, stocks that will, we believe, satisfy the most critical and exacting growers. Cultural directions are given on each package and you will find it of advantage to read them carefully.

Annuals grow from seed, bloom, reproduce seed and normally die in one season; Biennials are plants that live two years—some of which do not bear flowers until the second season; perennials live from year to year.

We have combined our list of Annuals, Biennials and Perennials this season and are listing them in alphabetical order for the convenience of our customers and ourselves. The Classes of all varieties listed will be clearly denoted. Customers desiring Flower Seeds for special purposes—Indoor Culture, Greenhouse Work, Annual or Perennial Bedding, Edging or Border Work, Window Boxes or Hanging Baskets, etc., would do well to carefully consult our classification of Flowers appearing on page 21. Some specialities of merit and well worth attention will be found listed on pages 19 and 20.

Key to letters appearing after the names of flowers: H.A.—Hardy Annuals; H.H.A.—Half Hardy Annuals; P.A.—Perennials (treat as half hardy annuals; H.B.—Hardy Biennials; H.P.—Hardy Perennials; H.H.P.—Half Hardy Perennials; G.—Greenhouse Plants, suitable for indoor or greenhouse work.

NOTE:—Half Hardy Annuals should be started indoors or in hotbeds for planting out when weather permits.
To assist our customers in ordering we use a system of numbering and only the number corresponding to the variety desired need be given, with the price, thus saving the necessity of writing hard names.

Antirrhinum (P.A.)

(Snap Dragon). Spring-grown seedlings will bloom in beds or borders the first season.

Tall

1—Major, Giant Flowering. The flowers are nearly double the size of the older sorts. Mixed colors..... **10c**

Maximum New Giant Flowered

This is the newest creation in Giant Antirrhinums, and is a marked advance over the older type, in size and brilliancy of color. The flowers are closely placed on the stems. The individual flowers are at least one third larger than the old type, the plants are much more robust, and the flower spikes are taller and much stronger. This new race of Snapdragons are a great acquisition and well worth a trial.

2—Apple Blossom. Rosy pink, yellow-lip large flower spike, a most effective shade. Per pkt..... **15c**

3—Cattleya. Delicate rosy lilac, overlaid with a silvery lustre; rich golden centre; color combination similar to the Cattleya Orchid. Per pkt..... **15c**

4—Copper King. Velvety copper scarlet, a rich color. Per pkt.... **15c**

5—Indian Summer. A lovely rich velvety and glossy copper color, a bewitching color, extra large spike. Per pkt..... **15c**

6—Old Gold. A deep golden yellow, makes a wonderful combination with the darker shades. Per pkt..... **15c**

7—Purple King. Deep glowing purple, something unique in Snapdragons. Per pkt..... **15c**

8—Mixed Colors—embracing the above six shades. Pkt..... **15c**

Tom Thumb Variety

9—Tom Thumb. Mixed., Height 6 inches..... **10c**

Abutilon (G.)

(Flowering Maple). 10—Prize Mixed. Embracing the most elegant colors, both selfs, streaked and veined; a greenhouse perennial, suitable for indoor work..... **25c**

Achillea (H.P.)

11—Ptarmica Flore Pleno.—"The Pearl." 2 ft. July-September. Double pure white flowers; very numerous and fine for cutting..... **10c**



ANTIRRHINUM MAXIMUM —NEW GIANT FLOWERED



AQUILEGIA LONG SPURRED VARIETY

Aconitum (H.P.) (**Monk's Hood**). **12—Napellus.** A showy, free-blooming plant, which thrives well in shaded situations. Mixed blue and white. **Pkt** **10c**

Acroclinium (H.H.A.) (**Everlasting**). One of the best, producing a great number of beautiful rose-pink and white flowers with yellow centre. Effective in borders. Height 1 foot.
13—Album, white **10c**
14—Roseum, bright rose **10c**

Adonis (H.A.) Pretty early blooming annual with deep crimson flowers and finely cut foliage. Height 1 foot.
15—Aestivalis (Flos Adonis), deep crimson. **Pkt** **10c**
16—Autumnalis (Pheasant's Eye), intense blood-red with black centre, very hardy and attractive, 1 foot high **10c**

Ageratum (H.H.A.) Valuable for bedding; free bloomer and of long duration.
17—Imperial, Dwarf, blue, ½ foot high **10c**
18—Imperial, Dwarf, white, ½-foot high **10c**
19—Little Dorrit. Habit very dwarf; compact; color, blue **10c**
20—Little Blue Star. Little Blue Star is exceedingly dwarf and of even growth. The tiny bushes, which are not over five inches high, are densely covered with bright blue flowers, a very fine variety for edging. **Pkt** **15c**

Alyssum (H.A.) Very hardy, free-blooming dwarf annual, growing readily in common garden soil.
21—Little Gem. Very fragrant and about 5 inches in height. Pure white, profuse bloomer. Splendid for borders. **¼-oz. 40c; pkt** **10c**
22—Sweet. Flowers small and sweet, in clusters; 1 foot. **¼-oz. 30c; pkt** **10c**
23—Lilac Queen. A deep lavender lilac, a really pretty color, either alone or in contrast to the white sorts. It is of dwarf compact habit, free and long blooming. **1/8-oz. 30c; pkt** **10c**
24—"Carpet of Snow" (Procumbens). Pure white growing only 2 to 3 inches high, and flowering profusely, forming a perfect carpet of snow throughout the season. For edging and bedding this is a very satisfactory little annual. **1/8 oz. 45c; pkt** **15c**

Alyssum (H.P.) **25—Golden Saxatile.** Very hardy, free-blooming dwarf. Flowers brilliant golden yellow **15c**

Amaranthus (H.H.A.) The Amaranthus family embraces numerous plants valuable for the beauty of their foliage; many varieties have handsomely formed and highly colored leaves.
26—Caudatus (Love Lies Bleeding), 3 feet **10c**
27—Sunrise. The top of plant brilliant crimson, lower leaves dark maroon **10c**

Anemone (H.H.P.) **28—St. Brigid's Strain Mixed.** These beautiful Irish Poppy-flowered varieties produce in abundance large single, semi-double and double flowers 3 to 5 inches across **15c**

Anchusa (H.P.) **29—Italica Dropmore Variety.** One of the best hardy perennials, grows from 3 to 4 feet high, and bears in abundance all summer flowers of the richest gentian blue. **Pkt** **15c**

Aquilegia (H.P.) (**Columbine**) One of the most beautiful of spring and early summer flowers and unlike many perennials, the best varieties are produced from seed. Effective for borders, and make charming subjects for vases and table decoration. Our long spurred Hybrids are probably the most popular, and are extremely useful varieties. These produce a mass of delightful color that is much appreciated.

Aquilegia (H.P.) (**Mrs. Scott Elliot's Strain of Long Spurred Hybrids**).
30—Selection made by an English fancier. The flowers are very large and of distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc. Many of these colours being entirely new in the species and are the result of very many years' careful hybridization. **Pkt** **25c**
31—Choice Mixed, double varieties; 2 feet **10c**

Arabis (H.P.) (**Rock Cress**). **32—Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edgings. 6 ins. **10c**

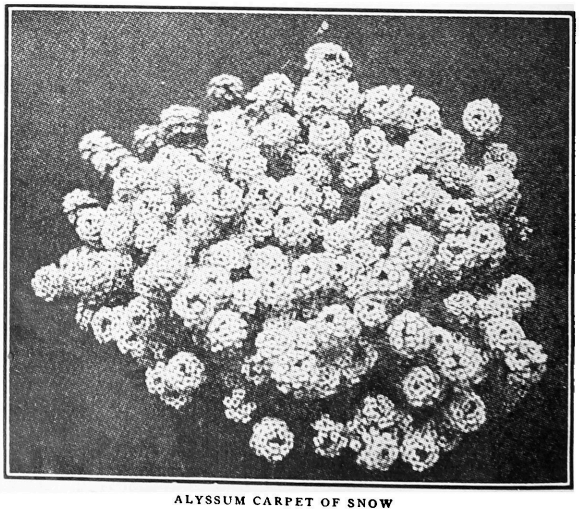
Arctotis Grandis (H.A.) (**African Lilac Daisy**). **33**—A handsome annual, growing 2½ feet high and with whitish leaves. Its flowers borne on long stems, are large and showy, 3 inches across; pure white on the upper surface; reverse of petals pale lilac. **Pkt** **10c**

Asparagus (G.) **34—Sprengeri.** For greenhouses or for outdoors in summer. The fronds frequently grow 4 feet long and are considered indispensable in all fine decorations; excellent for hanging baskets. Grows readily from seed sown in hotbed. **Pkt** **15c**
35—Plumosus Nanus. A greenhouse perennial with exquisitely graceful and feathery lace-like foliage; grown by florists for cutting. **Pkt** **25c**

Asperula (H.A.) A profuse bloomer, of dwarf habit. The flowers are very sweet-scented, and last a long time in perfection; for making up small bouquets it is all that can be desired.
36—Azurea Setosa. Azure blue; 1 foot **10c**

Aster (H.P. (**Michaelmas Daisy**). **37**—Hardy perennials easily raised from seed. Sow early in the spring to bloom the first season. They grow readily in any good garden soil, and are very attractive autumn-flowering plants. Finest mixed **15c**

Auricula (H.H.P.) **38**—A dwarf-growing plant bearing umbels of fragrant flowers of many rich and beautiful colors. Extra choice mixed, from a prize collection **25c**



ALYSSUM CARPET OF SNOW

Asters (H.H.A.)

The Aster is one of our most beautiful annuals and so well known, popular, and easily cultivated that but little description is needed. It is excellent for mixed borders or whole beds, and as a cut flower is unrivalled. If a succession of Asters is desired, plant Queen of the Market and Giant Flowering Mikado for first flowers; branching types are the last to flower; any of the other varieties will do for intermediate bloom.

Autumn Glory.

39—Pure Sea-Shell Pink. Its most distinctive characteristic and chief claim for recognition is the fact that it is later in season than any other varieties. **Pkt**..... **15c**

Royal

Considered by many the very best, general purpose, early Aster. The flower stems start from the plant close to the ground, are free from laterals and consequently give their full strength to the production of numerous large, handsomely proportioned flowers. Royal sown with late varieties possesses all the characteristics of the Late Branching, but comes into bloom ahead of the Early Branching. Because of its vigor and productiveness it will succeed under conditions which would be fatal to most other varieties.

In our belief no other strain of Asters will give more general satisfaction. Royal White and Royal Shell Pink are larger and a little later than Royal Lavender. The latter is early and especially well adapted to growing under glass.

40—White. Pkt..... **10c** **41—Lavender. Pkt**..... **10c**
42—Shell Pink, Pkt..... **10c** **43—Purple. Pkt**..... **10c**
44—Mixed Colors. Pkt..... **10c**

Queen of the Market

Earliest of all by nearly three weeks. Dwarf and very branching, blooming very freely; its double flowers are of exceptional value for cutting. Their extreme earliness makes them very valuable for the florist.

45—White..... **10c** **48—Lavender**..... **10c**
46—Rose..... **10c** **49—Purple**..... **10c**
47—Crimson..... **10c**
50—Mixed Colors, from Named Sorts..... **10c**

Vick's Silver Rose

51—A robust, long-stemmed, large - flowering variety. Every petal is a combination of deep lilac rose, almost cerise, very delicately threaded with white. The threads are so tiny as to give the petals a silvery sheen. Even the slightest change in light will shade the petals from a rich, glowing rosy cerise to a silvery rose. Very vigorous, stems unusually long and flowers very large. The unusual, distinctive color is appropriate for wreaths, designs and decorative work. **Pkt**..... **15c**

Crego Giant Comet

Also known as Astermums. Highly developed type of Comet or Mikado Asters. The flowers are of immense size, four to five and often six inches across, composed of long, wavy, twisted petals, gracefully formed into loose yet densely double, half-globes, equalling some of the finer Ostrich Plume Chrysanthemums.

52—Pure White..... **15c** **55—Crimson**..... **15c**
53—Shell Pink..... **15c** **56—Purple**..... **15c**
54—Lavender..... **15c** **57—Mixed Colors**..... **15c**



ASTER GIANTS OF CALIFORNIA



ROYAL ASTER

"Heart of France"

58—"Heart of France" opens as red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow centre. The plants are of branching type and very robust habit. The stems are long and strong and have few laterals. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. **Pkt**..... **15c**

Giant Flowering Mikado

An early flowering section of great merit; also valuable for cut flowers for florists. Mikado Comets are equally good as later flowering sorts and come into bloom in the open ground by the middle of July. Really large, graceful comet type; splendid substance and long stems; plants healthy and sturdy, of branching habit, very free bloomers.

59—White..... **10c** **61—Lavender**..... **10c**
60—Rose..... **10c** **62—Mixed**..... **10c**

"Peerless"

One of the finest varieties of late branching Asters. Of robust free-branching habit, it is hard to find a flower under four inches across, and many measure five inches by two-and-a-half in depth, forming an almost globular flower. In bloom about the middle of August.

63—Yellow. Pkt..... **15c** **64—Pink. Pkt**..... **15c**

Single Aster

65—Sinensis. An improved type of the old Chinese Aster. The large daisy-like flowers borne on long stems are very effective in beds or borders. Valuable for cut flowers. **Mixed**..... **10c**

Last Spring I purchased quite a number of your choicest Gladiolus Bulbs and was more than pleased with them. They were the finest I ever saw.—Mrs. Jas. S. Hazzard, Wallaceburg, Ont.



CALENDULA BALL'S IMPROVED

Balsam (H.H.A.) (**Lady's Slipper**). A favorite garden flower, producing gorgeous masses of beautiful, brilliant colored double flowers in great profusion; of easy culture; succeeds in good rich soil.
97—Rose Flowered. Double, choicest mixed 10c
98—Camellia Flowered. Double, embracing all the finest tints 10c

Begonia (G.) Magnificent flowering plants for greenhouse or window-box culture. The "Tuberous-rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer The individual florets will average from 6 to 9 inches in circumference, and are of all colors.
103—Vernon. Grand variety for pot work or bedding; bears fine blood-red flowers in great profusion. **Pkt** 25c
104—Tuberous-rooted. Double mixed, extra choice. **Pkt** 50c
105—Tuberous-rooted. Single, extra choice 30c

Bartonia (H.A.) **100 — Aurea.** A free-flowering, bright and showy annual; bears beautiful golden blossoms all summer. Height about 1 foot. **Oz. $1.00; pkt** 10c

Bocconia (H.P.) (**Japonica**). **101**—6 ft. Highly decorative foliage plant, with creamy flowers 10c

Boltonia (H.P.) (**Latisquama**). **102**—Pink, slightly shaded with lavender. 4 to 6 feet. Among the showiest of our native hardy perennial plants, with large, single Aster-like flowers 15c

Brachycome (H.A.) (**Swan River Daisy**). A charming flower; is offered in white and blue varieties, the blue being the original color.
106—Iberidifolia. Blue and white mixed. **Oz. $1.00; pkt** 10c

Calceolaria (G.) A very showy, free-flowering pot plant for late winter or spring flowering in the house or cool conservatory. The colors and markings are wonderfully rich and varied, including soft, velvety shades of crimson, maroon, brown and yellow, heavily tinged with deeper shading in same colors.
107—English Prize Strain. May be always depended on to produce the finest flowers of all shades and markings. **Excellent. Pkt** 75c
108—Hybrid, spotted and mottled varieties, mixed. **Pkt** 50c

Balloon Vine (H.A.). **99** — A rapid growing climber; thrives in light soil. One of the prettiest climbers, grows from ten to fifteen feet high. **Oz. 30c. Pkt** 10c

Asters (H.H.A.)

AmericanBeauty. A valuable variety, of very robust habit. Plants average 2 to 2½ feet in height, according to soil and location. The flowers, which are fully double, are usually from 4 to 5 inches in diameter and are borne on heavy stems which may be cut from 18 inches to 2 feet in length. Each plant forms a perfect bush.
66—Carmine Rose 15c
67—Purple 15c
68—Pink 15c
69—Lavender 15c
70—White 15c
71—Mixed 10c

"California Giant" A true Non-Lateral type, characterized by American Beauty's vigorous growth and the Crego or Ostrich Feather type of flower. The flowers are much larger and more substantial than the improved Crego, measuring 5 to 6 inches in diameter, and stand up well when shipped as cut flowers.
72—Rose 15c
73—White 15c
74—Peach Blossom 15c
75—Light Blue 15c
76—Purple 15c
77—Mixed 10c

Ball's White A Giant Aster of the late-branching type. The flowering season comes in between the early and late-flowering sorts. Medium height with full, distinctively centred blossoms, making it an ideal flower for floristlong-distance shipping.
78—Pkt. 15c

Giant Comet Flowers of immense size, often 6 inches across; petals long, wavy and twisted, formed into a loose yet dense half-globe resembling the Japanese Chrysanthemum.
79—Giant Rose 15c
80—Giant White 15c
81—Giant Crimson 15c
82—Giant Shell Pink 15c
83—Giant Purple 15c
84—Giant Lavender 15c
85—Giant Comet Mixed Colors 10c

Early Wonder Aster. The best extra early variety. The flowers are of good size, quite double, and borne on good stiff stems.
86—White, Pkt 10c
87—Rose. Pkt 10c
88—Light Blue, Pkt 10c
89—Dark Blue. Pkt 10c

Semple's Branching Asters. The plants form strong, robust bushes about two feet high, bearing profusely on long strong stems, handsome chrysanthemum-like flowers, many being over five inches in diameter. The form of the flowers makes them particularly desirable as cut flowers. They flower from two to three weeks later than most sorts.
90—Aster, Semple's Branching White 10c
91—Deep Crimson 10c
92—Shell Pink 10c
93—Aster, Lavender Blue 10c
94—Purple 10c
95—Light Rose 10c
96—All Colors, mixed 10c

Calendula (H.A.) The old "Pot Marigold" has been greatly improved. The "Orange King" and "Trianon" are of remarkable beauty, and deserve a place in every garden. Useful for cutting.
109—Trianon, the Royal Marigold. The fine double flowers are very showy, of bright sulphur yellow with very dark brown centre. **Pkt** 10c
110—Sulphur King. Perfectly double and beautiful. Sulphur orange. **Pkt** 10c
111—Orange King. The extra large double flowers are indescribably rich and glowing in tone and of an intensely bright golden yellow. **Pkt** 15c
112—"Ball's Improved." The flowers are of an extra large size, very double, perfect in shape and of a pure glowing orange color 20c

Calliopsis (H.A.) Seeds grow very readily, and may be sown where plants are to flower. Give plenty of room to spread. Used for beds and borders.
113—Golden Wave. In the annual section of the Coreopsis family this is perhaps the most effective and beautiful. A mass of golden yellow all summer. ½-oz. 25c; 1-oz. 40c; **pkt** 10c

Campanula (H.B.) (**Canterbury Bell**). Very ornamental garden plants of easiest culture, flowering the second season from seed hardy biennial (requiring to be sown every year for flowering the next year), 2½ feet high, producing large bell-shaped flowers of exquisite colors.

Campanula Calycanthema (**Cup and Saucer**).
114—Blue 15c
115—Pink 15c
116—White 15c
117—Mixed Colors 15c
118—Media. (Single Canterbury Bells). The oldfashioned sort, with beautiful, large bell-shaped blossoms. 10c
119—Double Mixed. All the double-flowering varieties 10c

Candytuft (H.A.)

120—Giant Hyacinth Flowered. The flower spikes are of immense size, and often measure 6 inches long by 2 inches in diameter. Pure white; excellent for cutting. **¼ Oz. 50c; Pkt.** 10c
121—Iberis. Fragrant, pure white, 1 foot. **Pkt.** 10c
122—Empress. White, large and showy spikes; fine for forcing. **Pkt.** 10c
123—Crimson. Very beautiful. **¼ Oz. 30c; Pkt.** 10c
124—Carmine. Produces a mass of brilliant carmine bloom. **Oz. 50c; Pkt.** 10c
125—Mixed Colors. Fine dwarf hybrids. **¼ Oz. 30c; Pkt.** 10c

Candytuft (H.P.)

(Iberis Sempervirens)
126—A handsome, profuse, white-blooming, compact-growing plant for permanent clumps or beds; valuable for early decoration; 8 inches. **Pkt.** 15c

Canna (H.H.P.)

Soak the seed in tepid water 24 hours before sowing. Sow early in hotbed or in the house and transplant into good sandy soil; the plants will bloom from July or August until cut down by severe frost. Roots should be taken up and stored in fall.
127—Crozy's Large Flowering Dwarf French. Finest Mixed, from named sorts. **Pkt.** 15c

Cardinal Climber (H.A.)

(Ipomoea Quamoclit)
HYBRIDS) **128**—A beautiful and brilliant annual climber of strong, rapid growth and having showy, fern-like foliage, frequently attaining a height of 15 to 20 feet in a season. The flowers are borne in clusters of 5 to 7 blossoms each and are of a fiery cardinal-red color. **Pkt.** 10c

Carnation (H.P.)

129—General favorites for delightful fragrance and richness of colors. Indispensable, both for greenhouse culture in winter and for the garden in summer. **Double Mixed** 25c

Carnation (H.H.A.)

130—Marguerite. Unusually robust and makes a splendid display in beds and borders, usually flowering from 3 to 4 months from the time of sowing. Sow the seed in the house in early March and transplant to the open in May. **Mixed colors. Pkt.** 10c
131—Double Grenadin (P.A.). A splendid variety for florists, very early, charming double scarlet flowers. **Pkt.** 25c

Centaurea (P.A.)

(White Leaved or Dusty Miller)
Valuable for borders or edges, the silvery whiteness of the dense bushy foliage makes a very effective contrast to colored-leaved plants.
132—Gymnocarpa. Fine silver foliage, the best for bedding 15c
133—Candidissima. Dwarf, silver-leaved plant: used for border edgings and lines 15c



ANNUAL CHRYSANTHEMUM



CENTAUREA IMPERIALIS (GIANT SWEET SULTAN)

Centaurea (H.A.)

(Bachelor's Button or Cornflower). Easily grown, flowers freely and continuously; 2 to 3 feet. Excellent for cutting.
134—Cyanus, mixed (Bachelor's Button). **Oz. 50c; pkt.** 10c
135—Imperialis. "Imperial Giant Sweet Sultans." Undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on large, strong stems, and when cut will stand for several days in good condition. Colors range from glistening white to shades of red, from flesh pink to crimson, and through blues from silver lilac to royal purple. Height 1½ to 2 feet 10c

Cerastium (H.P.)

Tomentosum (Snow in Summer). **136**—4 inches. Silvery white foliage, covered with snow white flowers in early summer. **Pkt.** 10c

Chinese Lantern Plant (H.A.)

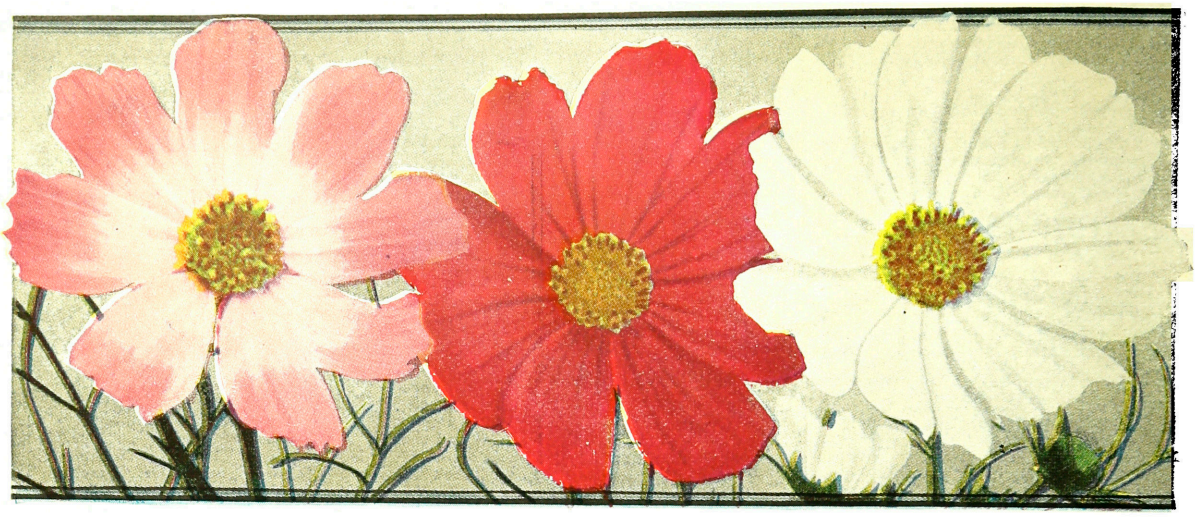
An ornamental variety of Winter Cherry. Its very attractive balloon-like husks or pods turn bright red and resemble Chinese paper lanterns. These may be dried and last forever, making splendid winter decorations. **137—Physalis Franchetti. Pkt.** 10c

Chrysanthemum (H.A.)

Showy and effective garden favorites, extensively grown for cut flowers. Useful in large borders and shrubbery.
138—Burridgeanum. Very beautiful flowers, banded with crimson, white and yellow 10c
139—Eclipse. The most beautiful of all our annual Chrysanthemums; golden yellow color 10c
140—Tricolor. Various shades of color; 1 foot 10c
141—Maximum. (Shasta Daisy) (H.P.). Pure white flowers, measuring from 3 to 4 inches with petals of good texture, borne on long, strong stems 15c

Chinese Woolflower (H.H.A.)

(Celosia Childsil)
142 — 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 15c



COSMOS EXTRA EARLY GIANT FLOWERING

Cineraria (G.)

Magnificent and indispensable flowering plants for spring decoration for conservatory or window garden. The flowers measure 2 or 3 inches across, are of white, blue, violet and crimson shades, usually two or more colors are shown in one flower, covering the plant with a mass of bloom.

143—Hybrida Grandiflora. A splendid strain of large, flowering hybrids of dwarf, compact habit. Mixed colors 25c

144—Hybrids. Large flowering, mixed colors. **Pkt** 40c

145—Stellata (Star Cineraria). Flowers are star shaped with twisted or quilled petals similar in shape to true Single Cactus Dahlia, a favorite wherever grown. The plants make a most effective display either for greenhouse or house decoration 35c

Clarkia (H.A.)

These are effective border plants, showy and profuse bloomers, adapted to cool or shady locations.

146—Elegans. Finest double varieties, mixed. One and a half feet. ¼-oz. 50c **Pkt.** 10c

Clematis (P.A.)

Rapid growing climbers, fine for arbors and verandahs. The flowers are very handsome, and are continually in bloom.

147—Paniculata. Of robust habit and covered from ground to the top with a profusion of pure white fragrant flowers, completely hiding the foliage 15c

Cleome Pungens (H.A.)

(Giant Spider Plant)

148—Sown in the open ground in May blooms about July 1, and continues in the greatest profusion until frost; attains a height of 5 or 6 feet. Exceedingly showy, and where a tall plant is desirable, no annual can surpass it. Head of flowers a bright rose color with long antenna-like stamens. Excellent in the West. **Pkt** 10c

Cobaea (P.A.)

Most useful, beautiful and rapid-growing climber, with large fine foliage, large bell-shaped flowers, almost 1½ inches long and 2 inches in width. Very useful in the conservatory for winter or in the open in summer.

149—Scandens, blue 10c

150—Scandens, white 10c

Cockscomb or Celosia (H.H.A.)

Quite easily grown from seed, and certainly one of the most showy and brilliant of annuals. The combs of the best varieties often grow a foot or more across the top. Much prized for beds or pot work in summer. Sow seeds in March in the house or hotbed.

151—Glasgow Prize. Dwarf, with dark leaves and large crimson comb 25c

152—Ostrich Plume. A most attractive strain, with fine long feathered flower sprays. Mixed colors 10c

Coleus (G.)

The most handsome foliage plant obtained from seed. The leaves often measure 10 inches by 8 inches, heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich, comprising all the reds, metallic greens and yellows to nearly black.

153—Rainbow Mixture. Pkt 25c

Convolvulus (H.A.)

(Or Morning Glory). **154—Imperial Japanese.** The flowers of this charming variety are of gigantic size, from 4 to 6 inches across, exquisite diversity of colors and with magnificent marble foliage. Choicest mixed, single and semi-double. **Pkt** 10c

155—Tall (Convolvulus Major). Mixed colors. **Oz. 40c; pkt.** 10c

156—Minor or Dwarf. Useful for window boxes or bedding purposes. Many varieties, mixed. **Oz. 50c; pkt** 10c

Coreopsis (H.P.)

Seeds grow very readily and may be sown where plants are to flower. They usually grow 3 feet in height, and should be given plenty of room to spread.

157—Lanceolata Grandiflora. "California Sunbeams." The petals are broad, with plain round edges in some flowers; in others they are serrated or irregularly fringed. They vary in color, some of them being darker around eye. **Pkt** 10c

Cosmos (H.H.A.)

A strong grower, and for fall blooming has no superior. Sow in March in the house and transplant to the open in May.

158—Giant Large Flowering, pink 10c

159—Giant Large Flowering, white 10c

160—Giant Large Flowering, crimson 10c

161—Giant Large Flowering, mixed 10c

162—Double Crowned and Crested. An entirely new race of Cosmos. A fair percentage have double crowns, which give the flower a very dainty and exquisite appearance. The colors are pure white and a delightful shade of shell pink. A large percentage come true from seed, both as to color and doubleness. The singles which the strain produces are also very beautiful. **Mixed Colors. Pkt.** 15c

Cowslip (P.A.)

This beautiful spring-flowering dwarf (PRIMULA VERIS) bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. Useful for pot work. Height 6 inches.

163—The Old Favorite English Cowslip. Pkt 20c

Cyclamen (G.)

Charming house or greenhouse plants, with beautiful foliage and rich colored fragrant flowers; universal favorites for winter and spring blooming. The giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. The strains we offer are unsurpassable.

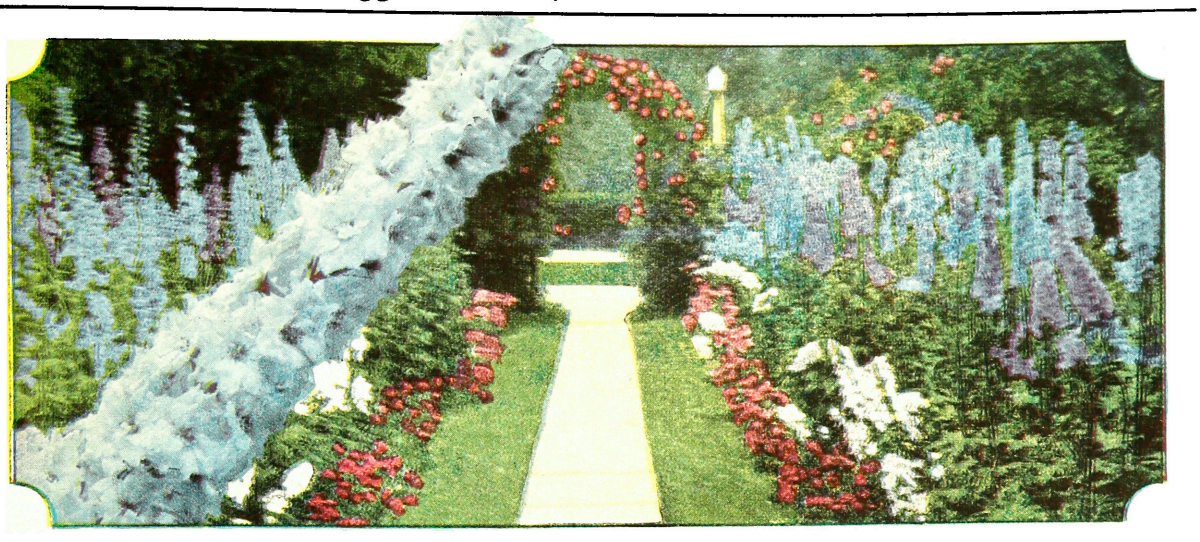
164—Cyclamen Persicum. Best colors, mixed 15c

165—Persicum, Covent Garden Strain. Extra choice, mixed 35c

166—Persicum Giganteum. From prize English collections. The colors are deep crimson, purest white, rose and white with carmine spots and flakes. **Pkt** 50c

Cynoglossum (H.H.P.)

167—Amabile, (Chinese Forget-Me-Not). A beautiful plant with true Forget-Me-Not blue flowers. Excellent for cut flower work. If sown early will bloom the first year. (18 inches). **Pkt** 15c



DELPHINIUM GOLD MEDAL HYBRIDS

Cyperus (G.)

(**Umbrella Plant**). A strikingly handsome foliage plant with shining deep green fronds, resembling a miniature palm. Excellent for greenhouse, conservatory or table decorations. Plants can be grown from seed in less than three months. Greenhouse perennial.

168—Alternifolius (Umbrella Plant) 15c

(Dahlia H.H.P.)

169—Single Mixed. Great variety in color and form 15c

170—Double Mixed. Extra fine, saved from choicest double flowers. **Pkt** 15c

Daisy (H.P.)

(**Bellis Perennis**). Low growing plants, producing in early spring their handsome double flowers. They grow best in rich loamy soil and rather cool situations.

171—Snowball. Perfectly double and of the purest white, having long stiff stems 15c

172—Longfellow. Pink flowers, unusually large and double; very long and stiff flower heads 15c

173—Double. Finest of double varieties; mixed, ¾-foot 10c

African Daisy (H.A.)

(**Dimorphotheca Aurantiaca Hybrids**).

174—An extremely showy annual. The plants, of branching habit, grow about 12 to 15 inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, 2½ to 2¾ inches in diameter, show unique, glossy, rich orange-gold, pink, white and purple shades, which brilliant coloring is rendered the more conspicuous by the dark colored disc. Easy of culture. **Pkt** 15c

Datura (H.A.)

(**Angel's Trumpet**). Strong growing, ornamental annuals with large, showy flowers, making handsome plants 2 to 3 feet high; for flower beds or borders. Easily grown.

175—Golden Queen. Large double golden yellow flowers, very fragrant. **Pkt** 20c

Delphinium (H.P.)

(**Perennial Larkspur**). The plants are remarkable for their great beauty and highly decorative qualities; of strong, vigorous habit, with large flowers in massive spikes. Colors range from white to dark purple.

176—Gold Medal Hybrids. A superb strain. The original stock came from England and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. **Pkt** 25c

177—Belladonna. A grand border plant of branching habit, producing numerous spikes of large single flowers of a clear turquoise-blue. 4 ft. **Pkt** 15c

178—Bellamosum. Rich deep blue flowers of the Belladonna type. **Pkt** 15c

Dianthus or Pinks (H.B.)

179—Flowers are large and brilliantly colored, varying from pure white to richest crimson, some of them being gracefully laced and striped.

179—Chinensis (China or Indian Pink). Double mixed. **Pkt** 10c

180—Heddewigii Diadematus (Double Diadem Pink). Beautiful double flowers; varied tints of lilac, crimson, purple, to very dark purple, with outer edges fringed and nearly white 10c

181—Punctatus "Princess Pink." It is an annual, bearing large fringe-edged, single flowers of several ground colors, over which is dotted and blotched different contrasting colors 10c

182—Heddewigii. Finest selection, single flowered; mixed 10c

Dianthus (H.P.)

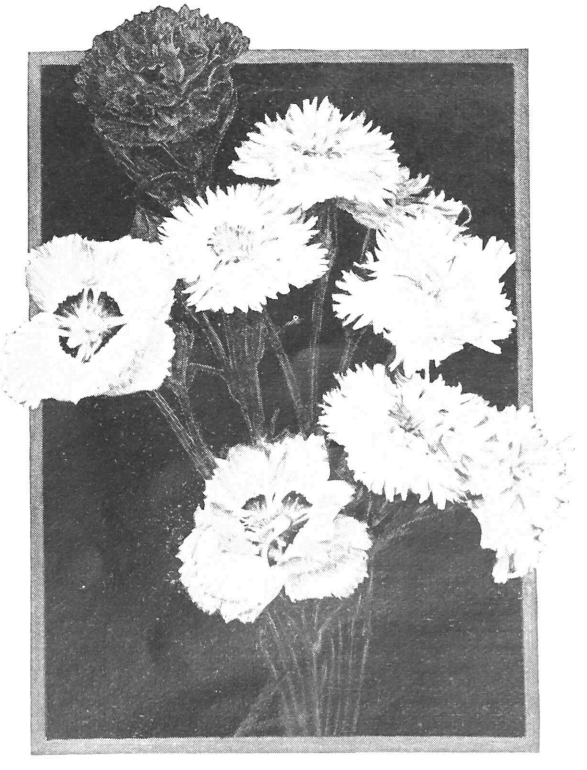
(**Garden Pinks**). Hardy and well-adapted for beds and borders; delightful, refreshing spicy odor; should be in every garden where cut flowers are wanted.

183—Plumarius, fl. pl. Double and semi-double mixed colors. **Pkt** 15c

184—Mrs. Sinkins. Free flowering, double white, sweet scented variety. Makes an excellent border plant. **Pkt** 25c

Didiscus Coeruleus (H.H.A.)

185—(Blue Lace Flower). An annual of the easiest possible culture; growing 18 inches high and of bushy growth, each side shoot terminates in a flat umbel flower of a most charming pale blue color; excellent for cutting and most useful for table decorations. Sow seeds in May directly into the garden and thin out afterwards to allow 12 inches of space. It is of cut-and-come-again nature; the more the flowers are cut, the more the plants will bloom. **Per pkt** 15c



DIANTHUS CHINENSIS



GAILLARDIA PORTOLA HYBRIDS

Digitalis (H.H.P.) (Fox Glove). **186**—A plant of much beauty and stately growth, producing dense spikes of flowers, and with little attention will give a wealth of bloom during June and July. Useful for outdoor culture or pot work. Fine mixed color. **Pkt** 10c

Dolichos Lablab (H.H.A.) (Hyacinth Bean). **187**—A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed pods, splendid for covering arbors, verandahs, etc. Sow the seed in May. **Pkt** 10c

Dracaena Indivisa (G.) **188** — Splendid ornamental leaf plant; foliage long, narrow green, extensively used for vases and house decorations 25c

Eschscholtzia (H.A.) (California Poppy). An exceedingly showy class of plants, bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom, as they do not stand transplanting, are perfectly hardy and will grow in any soil and bloom profusely all summer. thin to 6 inches apart.

189—California. Special mixture; all of the best varieties. **Oz. 50c; Pkt** 10c

190—Californica, Alba Plena. Produces large percentage of double white flowers 10c

191—Mandarin. The outer side of the petal is brilliant scarlet, the inside rich orange. **Pkt** 10c

192—Golden West. Grows compact and upright and produces flowers profusely. Color light yellow, pencilled and blotched orange yellow 10c

Euphorbia (H.A.) Strong growing annuals, for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

193—Variegata (Snow on the Mountain or Mountain Spurge). 2-ft. Remarkably distinct plant; very showy with its foliage edged white and green. **Pkt** 10c

Freesia Refracta (G.) (New Hybrids). **194**—These varieties come very satisfactorily from seed. The shades range from yellow to bronze, bronzy-pink, and deep rose, making delightful coloring. **Pkt.** . 25c

Fuchsia (G.) **195**—Beautiful plants for pot culture; waxy, drooping flowers one to two inches long, of exquisite colors, red, white, pink, etc. Mixed, single and double sorts. **Pkt** 50c

Gaillardia (H.A.) Beautiful showy plants, giving profusion of brilliant flowers during the nummer and autumn; fine for cutting.

196—Lorenziana, or Double Flowering. Large round heads, composed of 20 to 30 florets of orange, claret, amaranth, sulphur, etc. Splendid for cutting. Hardy. **Pkt** 10c

197—Picta. Mixed colors. Hardy. **Pkt** 10c

Gaillardia (H.P.) Beautiful showy plant, and should have a place in every border, giving profusion of brilliant flowers during the summer and autumn; fine for cutting.

198—Hybrids. Produce in abundance. Mixed colors; 1½ feet 15c

Geum (H.H.P.) **199—Double, Mrs. Bradshaw.** The orange-scarlet flowers are very large and full and come quite true from seed. This is a great advance on any other seedling Geum. Height 18 inches 15c

Geranium (G.) The flowers are extra large, round, of the most perfect form, borne in splendid trusses. The colors range from dark crimson to pure white.

200—Large Flowering, Single Mixed. From large flowering varieties 25c

Gloxinia (G.) Charming house plant of dwarf habit, Flowers of the most exquisite and gorgeous colors are produced in great profusion. They are often 3 to 4 inches across. and many of them are magnificently spotted, mottled and blended. One foot.

201—Grandiflora, Erecta. Of great beauty and diversity; mixed varieties, saved from the finest erect-growing sorts. **Pkt.** 75c

202—Grandiflora Erecta, ½-pkt 40c

Godetia (H.A.) (Satin Flower). A handsome flower and particularly useful because it will grow in shady places. They bloom a long time, and so profusely that the foliage is almost hidden by the many large wide-open flowers of shining satin texture, and of the most lovely colors.

203—Duchess of Albany. Flowers, glossy satin-white, produces in great profusion; 12 inches; very showy 10c

204—Lady Albermarle. Flowers large, carmine crimson, the edges of the petals suffused with pale lilac; dwarf 10c

205—Lady Satin Rose. Flowers are of a brilliant deep-rose pink, the surface shining like satin 10c

206—Extra Choice Dwarf. Mixed. **Oz. 75c; pkt** 10c

Gourd (H.A.) Quick-growing vines, desirable for covering arbors, walls, etc., producing useful and ornamental fruits of various colors.

207—Gourds Orange. Very like an orange 10c

208—African Pipe and Calabash. Luxuriant, rapid growing annual climber. It produces the ornamental gourds from which are made African Calabash Pipes 15c

209—Many Sorts, Mixed. 10c

Grevillea (G.) (Australian Silk Oak). **210**—Beautiful and graceful foliage, valued as a decorative plant for the table or greenhouse 15c



GLOXINIA GRANDIFLORA ERECTA

Gypsophila (H.A.)

(Infant's Breath). 211—Elegans. Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panicles of white flowers; excellent for cutting and mixing in bouquets. **1½-ft. Oz. 50c; pkt** **10c**

Gypsophila (H.P.)

(Baby's Breath). Graceful, free-flowering plant forming a symmetrical bush, covered with loose panicles of flowers. Excellent for cutting.

212—Paniculata. White flowers, fine for bouquets. A favorite; 2 feet **15c**

Helichrysum (H.A.)

213—Handsome Everlasting Flowers, blooming freely till late in season; extensively used in winter bouquets of dried flowers, for which purpose they should be gathered before being fully open. Hardy, double, finest mixed. **Pkt** **10c**

Heliotrope (G.)

Delightfully fragrant flowering plants; great favorites for pot culture in the winter or bedding out in the summer; seed must be sown in boxes and transplanted.

214—Large Flowered, Mixed Shades **10c**
215—King of the Blacks. Immense heads and very fragrant **10c**

Hibiscus or Giant Flowering Mallow (H.P.)

216—Tall, shrub-like with woody stalks towering upward and outward in bouquet fashion to a height of 5 or 6 feet, with broad, handsome leaves and producing toward their terminals, enormous flowers of from 3 to 5 inches across. Color ranges from crimson through various shades of red, pink and white. **Oz. $1.00; pkt** **15c**

Hollyhock (H.P.)

One of the most majestic of hardy plants. A clump or line in any garden gives an effect not obtainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without an equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

217—Chater's Double Rose 15c **219—Canary** **15c**
218—White ..... 15c **220—Crimson** **15c**
221—Double, very fine, mixed **10c**
222—Exquisite. An improvement on the old Hollyhock. The petals are curled and fringed and very showy. Very effective or as a background. Mixed colors. **Pkt** **20c**

Humulus (H.A.)

(Japanese Hop). A most valuable and rapid-growing climber. Sow in the open ground in spring; will attain enormous dimensions in a short time.

223—Japonicus. Highly recommended for the Northwest **10c**
224—Japonicus Variegatus **10c**



HELICHRYSUM (STRAW FLOWER)



SALPIGLOSSIS GIANT EMPEROR

Salpiglossis (H.A.)

Beautiful plant, bearing trumpet shaped flowers of varied colors, and beautifully veined. Valuable for bedding; also for cut flowers.

382—Giant Emperor. A splendid large-flowered strain; each stem is loaded with flowers richly veined with gold **15c**
383—Large Flowering, Mixed **10c**

Impatiens (G.)

(Zanzibar Balsam). 225—Sultani. Produces gorgeously rosy-carmine flowers. One of the most distinct and beautiful plants for window culture in winter. Easy growth **20c**

226—Holstii Hybrids. Forms strong, bushy plants about 1½ feet high, covered with attractive flowers; when grown as pot plants they bloom the year round. Choice mixed, all colors **25c**

Ipomoea (H.H.A.)

These beautiful climbers are attractive and useful and deserve cultivation. Start in hotbed or greenhouse and plant out in May.

227—Bona Nox, (Evening Glory or Good Night). Flowers expand in the evening, are large, white and fragrant **10c**
228—Quamoclit (H.A.) (Cypress Vine). Graceful, airy foliage and handsome flowers, scarlet and white; hardy, easily grown in the open ground **10c**

Kochia or Summer Cypress (H.A.)

229—A rapid growing plant of graceful habit and finely cut, tender green foliage, which changes to a rich russet crimson in the autumn. Height 2 to 3 feet **10c**

Larkspur (H.A.)

The fine spikes of bloom are graceful and attractive. The tall varieties are suitable for borders and shrubberies and dwarf varieties for beds. (**See Delphinium for perennial Larkspur**). **Tall Double Stock Flowered,** fine for table decoration in separate colors.

230—Pink. Pkt 15c **231—Blue. Pkt** 15c **232—White. Pkt** 15c
233—Double Dwarf Rocket. Various colors, 1-ft. ¼-oz. 50c; **pkt** 10c
234—Double Tall Rocket, various colors, very attractive, 1½-ft. **Oz. 60c; pkt** **10c**
235—Emperor, Branching, double mixed, brilliant colors, very fine, 1½ feet. ¼-oz. 50c; **pkt** **10c**

Lathyrus Latifolius (H.P.) (Perennial Pea)

Handsome, free-flowering, hardy climber of great beauty, with clusters of elegant, sweet pea-like flowers in great profusion.

236 Lathyrus. Finest mixed 10c
237—Albus Pure White, elegant 10c
238—Splendens. Rich scarlet 10c

Lavatera, Rosea Splendens (H.A.)

239—Rosea Splendens, "Sunset." Magnificent flowers of a beautiful rosy pink. Extremely useful for cutting, the blooms remaining in beauty for a long period. Effective in large beds or borders as the plants are covered with flowers. Height 3 feet. **Oz. 75c; pkt** 10c

Linaria (Toad Flax)

240—Cymbalaria (Kenilworth Ivy) (H.H.P.) A charming, small, neat, perennial trailing plant, lavender and purple shade, suitable for baskets, vases and pots 10c

Linum (H.A.)

241—Grandiflorum Rubrum (Scarlet Flax). A most beautiful free-flowering plant; its brilliancy of color and long duration of bloom being unsurpassed. ¼-oz. 25c; **pkt** 10c

Lobelia (H.H.A.)

Gems of the flower garden. As an edging the Lobelia is unsurpassed, and no plant is more effective. Easily managed, and reproduces in abundance from seed.

COMPACTA VARIETIES.—Little, round, compact plants, 4 to 5 inches high, forming little mounds of bloom; splendid for edging, beds and borders.

242—Crystal Palace Compacta. Deep blue, dark foliage; the best bedding sort. **Pkt** 10c
243—White Gem. Best white sort for edging 10c
244—Pumilea Rosea, Dwarf Pink; makes a fine contrast with the two preceding colors 10c

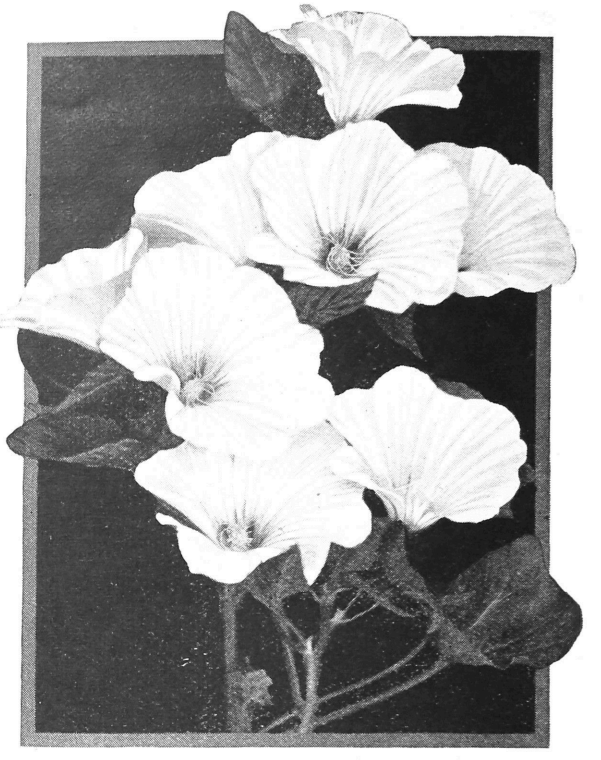
ERINUS VARIETIES.—Trailing plants for hanging over vases and baskets, 6 to 9 inches.

245—Speciosa Superba, a dark blue, large white eyes, very showy .. 10c
246—Gracilis. A very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing beautiful blue flowers profusely. 10c
247—Hybrida "Sapphire."—A splendid hanging Lobelia for balconies and flower stands. The blooms are unusually large, deep blue with a large white eye. **Pkt** 15c

Lophospermum (G.)

An exceedingly ornamental greenhouse climber, bearing numerous large, rosy-purple, Gloxinia-like flowers. Also adapted for the open air, in a warm, airy position, with a rich earth.

248 Lophospermum Scandens Rose, 10 feet 10c



LAVATERA ROSEA SPLENDENS



PANSY—STEELE, BRIGGS GIANT SHOW

Lunaria Biennis (H.A.) (Honesty).

249— Flowers purple or white, grown for its silvery seed pods, which are very ornamental. **Pkt** 10c

Pansy (P.A.) Steele, Briggs' Giant Show Mixture

295—This strain comprises a beautiful collection of colors and markings and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. It is a complete mixture of Giant Flowering Pansies. The plants are of sturdy stocky growth. The petals are of a thick, heavy substance and most flowers expand flat into circular blossoms of immense size. **Pkt** 50c
296—Bugnot's Giant. Celebrated French strain of extra large size, choicest colors and beautiful broad blotches and delicate pencillings; the ground colorings are generally white or very light, bringing the elegant markings into strong relief. **Pkt** 40c
297—Cassier's Superb Giant. Many of the flowers are blotched on upper petals as well as the lower, marked and shaded so as to resemble a Pelargonium. **Pkt** 25c
298—Odier's or Five Blotched. A very large strain of French Show Pansy with three to five blotches on the petals; blooms are of exceptionally fine substance. **Pkt** 50c
299—Giant Red (Cardinal). The nearest approach to red 25c
300—Madame Perret. A beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of colors, especially rich in red and wine shades on white ground. **Pkt** 30c
301—Giant Trimardeau. The blossoms are simply enormous, perfect in form and run through all the various colors from the lightest shade to the darkest purple. Mixed colors, **pkt** 15c
302—Giant Blue (Emperor William). Deep blue, large dark blotch on each of three lower petals. **Pkts** 15c
303—Parisian Giant Spotted. Very large. This beautiful variety is an object of admiration, its flowers approach the Trimardeau in size, but with much more varied tones of color 20c
304—Giant Black. Immense jet black flowers, velvety and of special good substance. **Pkt** 15c
305—Giant (Lord Beaconsfield). Deep violet shading to white 15c
306—Giant White. White with a small violet blotch on each of the three lower petals. **Pkt** 15c
307—Giant Yellow. Pure bright yellow. **Pkt** 15c
308—Peacock. Beautiful ultra-marine blue. Petals edged with a thin white line, within which is a space of purplish crimson passing into a rich central blotch of deep blue. **Pkt** 15c
309—Extra Choice Large Flowering Mixture. Pkt 15c
310—Choice Mixed. Pkt 10c
311—French Giant Ruffled. A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from centre to circumference. The flowers are extraordinarily large and are borne on strong stems well above the foliage. Mixed or cols. **Pkt** 35c

Lupinus (H.A.)

250—The Lupinus are all handsome and graceful, with spikes of pea-shaped blossoms of various colors. They look well as a background to other low-growing annuals 10c

Lupins (H.P.)

(Lupinus). Beautiful Spring-blooming plants with long spikes of sweet pea shaped flowers. 2 to 3 ft.

251—Polyphyllus, Blue 10c
252—White 10c
253—Rose. Immense spikes of soft pink flowers. 10c
254—Mixed Shades 10c

Lychnis (H.P.)

255—Chalcedonica (Burning Star). Flowers, which are of the most fiery red imaginable, appear in clusters, each individual blossom forming a perfect Maltese Cross. Will bloom from seed the first year 10c

256—Arkwrightii. A hardy herbaceous border plant. A cross between L. Chalcedonica and L. Haageana. Produces in abundance flowers of brilliant colors ranging from orange-scarlet to pink. **Pkt** 20c

257—Haageana Hybrids. Colors vary from almost white to bright scarlet. **Pkt** 20c

258—Viscaria Splendens. Very showy. Color, bright crimson. Useful for cut flowers. **Pkt** 15c

Malope (H.A.)

Handsome plants, suitable for beds or shrubbery borders; large showy flowers. Mixed 2 feet.

259—Oz. 50c; pkt 10c

Mathiola (H.A.)

(Fragrant Evening Stock). Grown for its delightful perfume, which is emitted in the evening and morning, also after a shower.

260—Bicornis. Pink and lilac flowers. **Oz. 50c; pkt** 10c

Matricaria (P.A.)

261 — Eximea, fl. pl. Handsome free - flowering plant, with double white flowers and pretty curled foliage. Good for beds or pot culture. 8 inches. **Pkt** 15c

Marigold (H.A.)

Hardy shrubbery plants, almost indispensable wherever a rich display of bloom is desired. Foliage bright green, deeply cut and graceful. The African varieties are tall, growing usually 2 feet or more, while the French are more dwarf. Succeed well in ordinary garden soil.

262—Marigold, Golden Ball. This is without doubt the finest double Marigold yet introduced; when grown to perfection the heads attain an enormous size and are as globular and as dense as a knitted ball. Often 4 inches in diameter, and beautifully finished 10c

263—Dwarf, French, Single (Legion of Honor) Little Brownie. Grows quite regular, and only about 1 foot high, and blooms in abundance from July until cut down by the frost. The single flowers are of a lovely golden yellow, with a broad velvety blotch on each petal; of easy culture 10c

264—African Dwarf. Mixed finest double varieties 10c

265—French Dwarf Double. Finest double varieties. Mixed colors 10c

Maurandia (H.H.P.)

Charming climbers, elegant alike in flowers and foliage, and of graceful and slender growth. The seed should be started in hot-bed or greenhouse. Half-hardy perennial.

266—Maurandia. Finest mixed 10c

Mesembryanthemum (H.H.A.)

Handsome and curious looking trailing plants. Well adapted to hanging baskets, vases, rockwork, or edgings.

267—Ice Plant. Singular ice-like foliage 10c
268—Dew Plant. Rose purple centre 10c



PETUNIA GIANTS OF CALIFORNIA

Petunia, Single (H.H.A.)

Unequalled for outdoor decorations. They flower early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring a rich soil and a sunny situation. Of late years the single striped, mottled and double varieties have been greatly improved. The strains that we offer are grown especially for us and are the best that can be secured anywhere.

312—Blotched and striped; mixed. Flowers with star-shaped blotches of symmetrical form; fine bedder 10c

313—Single, Extra Choice; mixed. Very fine for general effect, and splendid for florists' use. **Pkt** 15c
..... 10c

314—Good, mixed .....

315—Giant Fringed Perfection. A very highly developed strain; edge is deeply ruffled, and the ruffles in turn are exquisitely fringed. **Pkt** 30c

316—Steele, Briggs' Giant Fringed and Ruffled. The colorings are indescribably rich and varied. The flowers, while of the largest size, are of improved form, having large throats and beautifully fringed edges. **Pkt** 40c

317—Giant of California; mixed. The strain is exceptionally fine and a great improvement on the Old California; of immense size. The colors range through all the shades of rose, velvety crimson and white, running off into intricate veins of exquisite beauty. **Pkt** 50c

318—Giant Single (Grandiflora Superbissima). A strain of incomparable beauty and luxuriance. Most of the flowers are exquisitely ruffled on the edges and are of enormous dimensions (4 to 5 inches across), superbly colored with beautifully veined throats. Some of the colors are rich and gorgeous, others lovely delicate shades. **Pkt** 30c

Petunia—Double

Steele, Briggs' Double Perfection This strain embraces a wide range of colors in the most beautiful combinations, including mauve, snow-white, porcelain blue; selected from newest types, a very large percentage coming double from seed.

319—Pkt 50c

320—Improved "Rosy Morn." Plants bushy and compact. The medium size flowers produce in great abundance till killed by frost; of most pleasing clear pink contrasted by a broad white throat. Splendid for window boxes, pots and beds 15c

Balcony Petunias

For window or porch boxes, dry banks, terraces, or among rock work, the Balcony Petunias may be depended upon to supply an unsurpassed floral effect throughout the summer until frost. Balcony Petunias grow vigorously and are most profuse bloomers. The flowers are quite large—close to 3 inches in diameter.

321—Balcony Queen. Rich, velvet violet with white blotches. **Pkt** 25c
322—Balcony White. A beautiful trailing variety. **Pkt** 25c
323—Balcony Blue. Rich, velvety blue. **Pkt** 25c

Portland Petunias

An excellent strain of Petunia, selected for quality. Stock carefully hand pollinated to ensure perfect purity. In hands of good growers will give excellent results. Can highly recommend.

324—Pride of Portland. A beautiful deep rose pink flower, finely fringed edges and yellow to whitish throat. Freely branching habit, with medium to large flowers. **Pkt** 25c

325—Scarlet Beauty. Unusual red colored petunia, heavily fringed shading to maroon, not branching freely. **Pkt** 25c

326—Elks Pride. Flower of richest royal purple, nearly black, plain edged, medium size. Very rank growing, somewhat trailing habit; a wonderful porch box plant. **Pkt** 25c

Mignonette (H.A.)

Mignonette does best in a cool situation. When exposed to the full force of the summer heat it begins to form seeds, sometimes before the spikes are fully grown.

269—Goliath or Red Giant. Immense spikes of fire-red. A double Mignonette, with a delightfully rich and powerful fragrance. **Oz. 90c; ½-oz. 50c; pkt** 10c

270—Golden Queen. Dense pyramidal habit, throwing up numerous spikes of yellowish blossoms. **Oz. 90c; ½-oz. 50c; pkt** 10c

271—Defiance. Under favorable conditions, will produce spikes of remarkable size—12 to 15 inches long, and of most delightful fragrance, more so than any other variety. **Oz. 90c; ½-oz. 50c; pkt** 10c

272—Machet. A strong, bushy grower, bearing numerous spikes of flowers of gigantic size and perfect pyramidal shape; brick-red color. **Oz. 90c; ½-oz. 50c; pkt** 10c

273—Large Flowering, Sweet Scented. **¼-lb. $1.50; 1-oz. 50c; pkt** 10c

Mimulus (H.H.P.)

Beautifully singularly shaped and brilliantly colored flowers, with curious and various colored markings. Care should be taken when sowing this seed not to cover. Just sow on top of finely sifted soil and water carefully. A valuable and showy border plant.

274—Tigrinus (Monkey Flower). Flowers beautifully spotted and blotched with yellow ground; 1 foot 10c

275—Muschatus (Musk Plant). Flowers and foliage emit a strong, musk perfume; yellow; ½ foot 15c

Mirabilis (H.A.)

(Four O'Clock). Handsome border plants, with rich, glossy leaves, profusion of bloom, divers colors and foliage. The flowers open in the afternoon, hence the name "Four o'clock."

276—Marvel of Peru. Mixed, 2 feet 10c

Myosotis (H.P.)

This popular plant is hardy enough to remain in the open ground, except in very cold latitudes, where they should be well protected. They are generally sown in the fall and wintered over in cold frames, where they will flower early in the spring.

277—Palustris (The True Forget-Me-Not). Blue with white centre; very attractive 15c

278—Victoria. Large flowers of a bright azure with yellow centres 15c

279—Dissitiflora. Large sky-blue flowers 15c



PHLOX DRUMMONDI GRANDIFLORA

Nasturtium (H.A.)

There are few flowers that compare with Nasturtiums in richness and variety of colors, freedom of bloom, easiness of culture and general usefulness. They are suitable for bedding, and are handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting cut flowers.

Tall or Climbing

280—Tall Mixed. Contains many beautiful sorts. **¼-lb. 75c; Oz. 25c; Pkt** 10c

281—California Giant Flowering. The colors and combinations of colors in this grand new strain includes various shades of rose, salmon, bright red, pale yellow, spotted, mottled and margined. **Oz. 30c; ¼-lb. $1.00. Pkt** 10c

282—Lobbs Climbing. The leaves and flowers are somewhat smaller and neater than the ordinary Tall Nasturtium, but their greater profusion of bloom renders them superior. Height 12 to 15 feet. **¼-lb. 75c; Oz. 25c. Pkt** 10c

Dwarf

Of dwarf, compact, rounded growth. The "Tom Thumb" varieties are especially desirable for planting as borders to flower beds or along garden walks. As with all Nasturtiums, they succeed best on light, well-drained soils or in slightly raised beds.

283—Empress of India. Deep purplish green leaves, flowers dark rich salmon scarlet. Splendid for contrast bedding. **Oz. 40c; pkt** 10c

284—Golden King. Rich glowing orange-yellow, with dark purplish foliage. **Oz. 40c; pkt** 10c

285—King of Tom Thumb. Glowing scarlet flowers, with dark green foliage. **Oz. 40c; pkt** 10c

286—King Theodore. Dark foliage, flowers rich velvet crimson. Richest of dark colored varieties. **Oz. 40c; pkt** 10c

287—Mixed. All colors. **¼-lb. 90c; 1-oz. 30c; pkt** 10c

Nemesia Strumosa Suttoni (H.H.A.)

288— Very popular for bedding and pot culture. The plants grow 6 to 8 inches high, in round bush form, and bear continuously during the summer, myriads of brilliantly colored flowers, cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. **Mixed colors. Pkt** 25c

Nemophila (H.A.)

These charming and useful dwarf-growing and hardy annuals have a neat, compact uniform habit of growth with shades and colors the most beautiful. Arranged in any style which fancy may suggest, the effect is pleasing.

289—Nemophila. Choicest Mixed. Pkt 10c

Nicotiana (H.H.A.)

(Tobacco Plant). 290—Nicotiana Affinis. An annual with sweet-scented pure white star-shaped flowers, 3 inches across, blooming continuously; 2 to 3 ft. high 10c

291—Sanderae, bears its brilliant flowers on bushy, many branching plants, 2 feet high. Mixed colors 10c

292—Giant Red Flowered. The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers; 5 feet 10c

Phlox Drummondi (H.A.)

A very pretty hardy plant, invaluable for bedding, masses and cut flowers. Its bright colors vary from the purest snow-white to the deepest blood-red. Unsurpassed for beauty, duration of bloom, brilliancy of colors and usefulness.

346—Fimbriata or Fringed. Embraces distinct and showy colors, purple, violet and carmine; these are rendered more effective by the beautifully fringed and toothed edges of the petal having more or less a border of white 15c

347—Phlox Drummondi Grandiflora, Splendens, bright scarlet with white eye 10c

348—Grandiflora, Alb, white 10c

349—Grandiflora Coccinea, bright scarlet 10c

350—Grandiflora Isabellina, pale yellow 10c

351—Drummondi Grandiflora, mixed, finest colors 10c

352—"Star of Quedlinburg". Flowers are of regular, star-like form. Mixed 10c

Dwarf Phlox

(Phlox Drummondi Nana Compacta). Much superior to the other Phloxes for bedding or border. The symmetrical, neat little bushes, about 8 inches high, are covered with flowers during the whole summer and fall, as large as those of the Drummondi and as easy to grow.

353—Snowball. Flower pure white; the plants resemble large snowballs when in full bloom. **Pkt** 15c

354—Dwarf Fireball. Glowing brilliant scarlet. **Pkt** 15c

355—Mixture. Colors in choicest mixture. **Pkt** 15c

Phlox (H.P.)

356 — Decussata. Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi, which are annuals. It is best sown in the autumn. All colors mixen 25c

Nigella (H.A.)

293—Love-in-a-Mist, Devil-in-a-Bush and **Fennel Flower** are names given to this pretty, interesting and easily grown annual This beautiful, unique and little known plant makes a showy and attractive border or mixes well with other Blue or Pink flowers for bedding. The delicate Blue-White flowers surrounded by a feathery mass of foliage suggests "Love-in-a-Mist." Fine for cutting. Twelve to fifteen inches Mixed colors. **Pkt** **10c**

Pentstemon (H.H.P.)

Few hardy plants surpass Pentstemons. They bloom in June and continue until late in fall. Flowers are half-pendant, bell-shaped, marked and marbled in different shades.

327—Pentstemon, Mixed Hybrids **25c**

Poppy—Single (H.A.)

328— Exceedingly showy plants, making a gorgeous display in the flower garden. They do not readily transplant.

328—Glaucum (Tulip Poppy). Flowers a brilliant scarlet. A very striking poppy for beds or masses. **Oz. $1.00; pkt** **10c**

329—S. B.'s Giant Shirley. A magnificent single producing immense flowers, fluted and crinkled, in continuous succession for weeks **Oz. 75c; pkt.** **15c**

330—Double Shirley. The flowers are large, 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. Mixed shades of colours **15c**

Poppy—Double (H.A.)

331—White Swan. Pure snow-white, flowers of perfect form, large size, very beautiful. **Oz. 50c; pkt.** **10c**

332—Mikado. Long feathery petals, white fringed, with crimson **Oz. 50c; pkt.** **10c**

333—Chinese Dwarf. Magnificent flowers; mixed colors. **Oz. 50c; pkt.** **10c**

334—Carnation. Splendid, large flowers, mixed colors, 2 feet **Oz. 50c; pkt.** **10c**

Poppy Iceland (H.A.)

A class of lovely Dwarf poppies which if sown in the spring will blossom the same year. The flowers are bright and showy, exhale a pleasant perfume and are borne on slender stems about a foot high. Useful for cutting.

335—Iceland, Bright Yellow **15c**

336—Iceland, Pure White **15c**

337—Iceland, Orange Scarlet **15c**

338—Iceland, Finest Mixed. All Colors **10c**

339—Iceland, Hybrids. Flowers somewhat larger than the old Iceland Poppies, the petals being very prettily frilled **15c**

Oriental Hybrids

340—Large deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy; 2½ feet **15c**

Portulaca (H.A.)

Brilliant dwarf plants, luxuriating in warm situations, blooming profusely from early summer to autumn.

341—Double. Large flowering varieties, mixed **15c**

342—Single. Large flowering, all colors mixed **10c**



POPPY ORIENTALE



DOUBLE PORTULACA

Potentilla (H.P.)

343—Double Hybrids, Mixed. Splendid hardy perennials with ornamental foliage and brilliant flowers, chiefly shades of yellow and red, borne in great profusion; 2 feet **15c**

Polemonium (H.P.)

Coeruleum Grandiflorum (Greek Valerian). **344**—Hardy perennial with deeply cut foliage and clusters of handsome blue flowers; 2 ft **15c**

Polyanthus (H.H.P.)

(Primula Elatior). Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

345—Scotch Giant. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. **Pkt.** **35c**

Primrose (H.H.P.)

357—Of easiest possible culture, growing readily and producing flowers in greatest profusion and of the most enchanting shades. Protect during winter. **English, Mixed** **25c**

Primula (G.)

Charming profuse blooming plants, indispensable for winter and spring decoration in the house. Seed should be sown in March or April, in a light sandy soil, but slightly covered and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow.

Primula, "Chinese Standard"

358—Giant Flowering Chinese Primrose, with large beautifully fringed flowers standing on erect stems well above the foliage. The colors range through scarlet, white, blue, crimson and pink; mixed colors. ½ pkt. **30c, 359—Pkt** **50c**

360—Sinensis, Giant Holborn Blue. ½ pkt. **40c. 361—Pkt.** **75c**

362—Sinensis, Giant Bright Red. ½ pkt. **40c. 363—Pkt.** **75c**

364—Sinensis, Giant White. Finest pure white. ½ pkt. **40c. 365—Pkt.** **75c**

366—Sinensis, Giant Rose or Pink. ½ pkt. **40c. 367—Pkt.** **75c**

368—Mixed, Large Flowering, Fringed. Pkt. **50c**

369—Kewensis. The plant makes a charming companion to the Primula Stellata varieties, and is beautifully fragrant, reminding one of the scent of Cowslips. Height 18 inches **25c**

370—Primula Malacoides. An introduction from China that has proved itself to be one of the freest-flowering species for pots yet introduced **25c**

Primula Obconica (G.)

(Japanese Primrose). A profuse blooming Primrose, bearing on long stems, heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily.

371—Primula Obconica Grandiflora Gigantea. The flowers are often 1 inch in diameter, and thrown well above foliage, making it very attractive **35c**

372—Obconica Fimbriata. The flowers are as finely fringed as the Chinese Primrose, and are delightfully fragrant **35c**

Oenothera (**Evening Primrose**). Charming hardy plants. large showy flowers; old favorites in the flower garden. The flowers open in the evening in a sudden and curious manner.
294 Oenothera. Yellow, 1½ feet. HALF-HARDY ANNUAL..... **10c**

Pyrethrum (P.A.) Dwarf-growing plants, used for edging and borders. Half-hardy perennial, ¾-foot.
373—Aureum. Golden Feather, yellow foliage..... **10c**

Pyrethrum (H.P.) Stems 2 feet high and very numerous, each surmounted with handsome daisy-like flowers in bright colors.
374—Hybridum. Flowers large, yellow, rose, white, red, etc..... **20c**

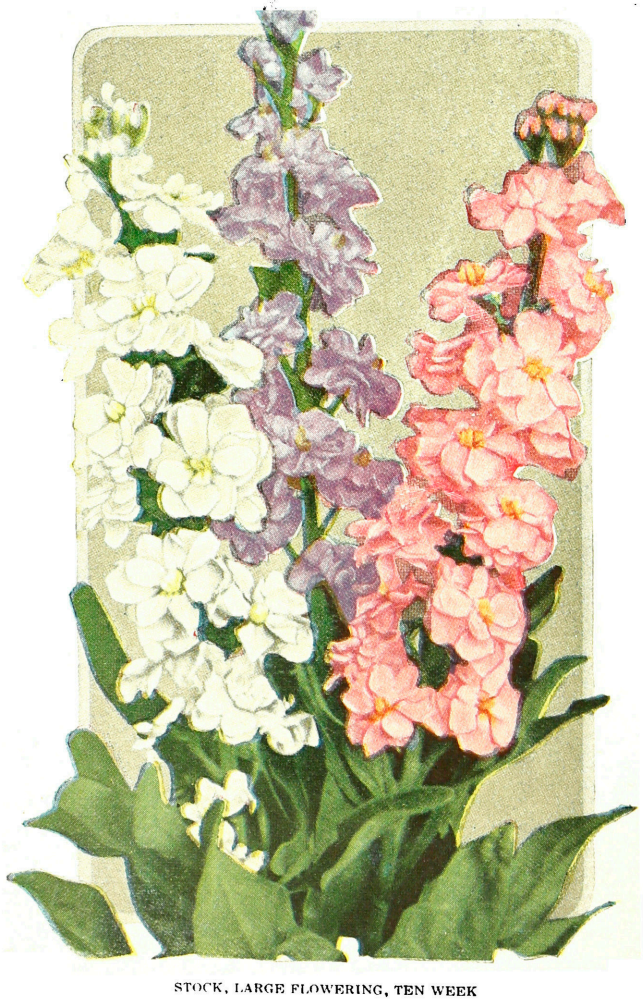
Rhodanthe (H.H.A.) **375**—A charming everlasting flower of great beauty, a very compact and ornamental plant; its silvery rose-tinted flowers are in great demand for winter decoration. Mixed. **Pkt**..... **10c**

Ricinus (H.A.) (**Castor Oil Plant**). This stately and imposing plant, with its ornamental foliage, gives a sub-tropical effect on the lawns, or for centre of beds with foliage plants.
376—Borboniensis. Larger handsome green foliage; 6 feet..... **10c**
377—Cambodgensis. 6 to 8 feet. Large palm-like leaves of darkest maroon..... **10c**
378—Sanguineus. Deep red stalk, scarlet fruit; 5 feet..... **10c**
379—Zanzibarensis, "Giant of Africa." The enormous bronzy-green leaves are fully 2½ feet broad, beautifully lobed; the whole plant has a distinct and novel appearance..... **10c**

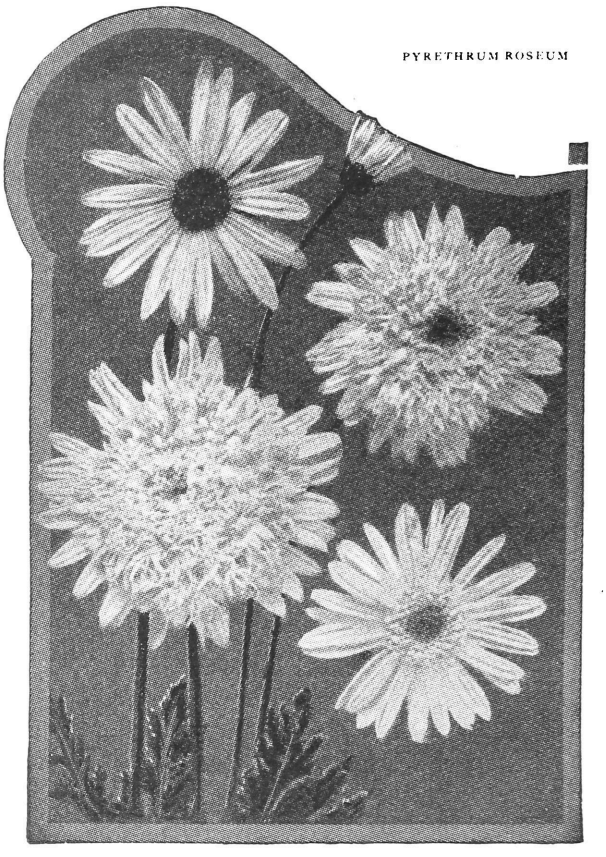
Rose (G.) **380—Little Midget.** These miniature Roses bloom quite early. Colors range from white to deep scarlet. Useful for pot work. Sow in boxes in the house or hot frame..... **10c**

Rudbeckia (H.A.) (**Cone Flower**). **381—Bicolor Superba.** Fine free-flowering variety for forming a dense bush and producing in great abundance on long stems its bright flowers. The disk is brown, the florets golden-yellow, with large variety brown spots at the base. Very effective and useful for cutting. 2 feet..... **10c**

Salpiglossis (H.A.) (**See page 9 for colored illustration**). Beautiful plant, varied colors; 1 to 2 feet. Start in hot-bed; transplant in rich soil. HALF-HARDY ANNUAL.



STOCK, LARGE FLOWERING, TEN WEEK



PYRETHRUM ROSEUM

Salvia (H.H.P.) (**Flowering Sage**). One of the handsomest summer and autumn flowering plants, when they are literally ablaze with brilliant flowers; very effective for massing in beds, also potwork. Sow early in a hotbed, or greenhouse, and transplant to small pots and set out in the border in June; 1 to 2 feet.
384—Splendens. (**Scarlet Sage**). Scarlet..... **15c**
385—America. (**Globe of Fire**). A splendid new Salvia. The earliest, most compact and uniform Salvia ever introduced. A profuse bloomer of brilliant scarlet color. Its erect, uniform habit of growth makes it of unusual value for border or base planting in front of porches or for bedding. **Pkt**..... **25c**
386—Bonfire. A splendid dwarf variety with large erect spikes of rich scarlet flowers; height 1 to 1½ feet..... **15c**
387—Lord Fauntleroy. The plant blooms early and blazes in dazzling scarlet all through the summer and fall, and cannot be excelled for decorative purposes..... **15c**

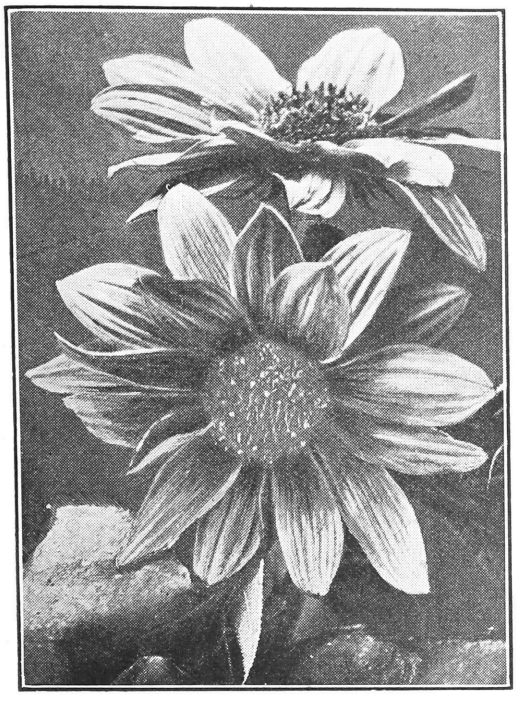
Salvia Patens (**Blue Sage**). **388**—In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet..... **25c**

Saponaria Ocymoides (H.P.) **389**—Pretty dwarf bedding plant, for borders or rock work. Producing great masses of rosy red flowers. Should be cultivated for its beauty and long blooming. Height 6 inches. **Pkt**..... **10c**

Scabiosa (H.A.) (**Mourning Bride or Sweet Scabious**). One of the handsomest summer border plants, producing profusely double flowers in a variety of shades and colors; splendid for cut flowers.
390—Snowball. (**Candidissima Alba Plena**). Double, pure white flowers excellent for florists' use; 2 feet..... **10c**
391—New Giant. Flower measures 6 to 7 inches in circumference, are double clear to the centre, and have long stems. Free bloomers and effective for garden decoration. **Pkt**..... **15c**
392—Large Flowering, Tall, Mixed. Double, all colors; 2 feet..... **10c**
393—Nana, fi. pl. Dwarf, flowers extremely double, one foot, mixed..... **10c**

Scabiosa (H.P.) **394—Caucasica.** Handsome hardy plants, forming a spreading and dense bush 2 feet high, thriving well in ordinary garden soil, and should be grown by everyone, if only for its flowers for cutting, as they last for a long time in water, and their peculiar soft lilac-blue shade is charming..... **20c**

Schizanthus (H.H.A.) (**Butterfly Flower**). In this charming plant we have one of the finest annuals in cultivation. The flowers are as handsome as some orchids.
395—Fine Mixed..... **15c**
396—Wisetonensis. Largely used as a pot plant. It is remarkably free flowering, and presents a beautiful appearance..... **25c**



RED SUNFLOWER

Statice or Sea Lavender (H.A.)

399—Suworowii. Bright, rose-colored flowers. Extremely useful for bouquets and winter decoration..... 15c

Sinnuata Hybrida.

A large-flowered sea Lavender with mauve, white and primrose flowers in various combinations. The plants furnish an abundance of cut flowers. Can also be dried for winter bouquets, 2 ft.

400—Blue. Pkt..... 15c
401—White. Pkt..... 15c
402—Rose. Pkt..... 15c
403—Lavender. Pkt..... 15c
404—Yellow. Pkt..... 15c

Statice (H.P.)

(Sea-Lavender). Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

405—Latifolia. Purplish-blue flowers. Pkt..... 15c

Stocks (H.H.A.) *Large Flowering*

Ten Weeks

One of the many popular plants for bedding and pot culture; for brilliancy and diversity of color, or profusion and duration of bloom it is unsurpassed. Of a delightful fragrance. For early flowering start the seed in a greenhouse or hotbed, and transplant into the garden in May, after all danger of frost is over.

406—Blood Red..... 10c
407—Crimson..... 10c
408—Light Blue..... 10c
409—Purple..... 10c
410—Pure White..... 10c
411—Bright Pink..... 10c
412—Mixed. Choice double, large flowering..... 10c

"Cut and Come Again" Stocks

413—Princess Alice. A fine perpetual blooming stock, growing about 2 feet high, bearing clusters of very double pure white fragrant blossoms..... 10c
414—"Beauty of Nice." The color is a very pleasing daybreak pink. Under good culture the plants will grow 18 to 24 inches high. The seedlings will bloom in ten weeks..... 10c
415—"Beauty of Nice." White, splendid for winter forcing..... 10c
416—"Queen Alexandra." Rosy lilac..... 10c

Mammoth Verbenas (H.H.A.)

This distinct and beautiful race is worthy of a place in every garden. The average trusses measure 6 to 8 inches in circumference and the individual florets on properly grown plants over half inch across. They bloom freely, are vigorous in growth and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivalled: flowers of the most brilliant colors produced continually from spring until late in the autumn. These form luxuriant plants and bloom the first season from seed.

433—Verbena, Mammoth. Mixed colors..... 15c
434—Coerulea. Large blue flowers..... 15c
435—Scarlet Defiance. True, brightest scarlet, intensely rich..... 15c
436—Rosea. Light Pink..... 15c
437—Pure White (Candidissima)..... 15c
438—Extra Fine Mixed. From fine named sorts. ¼ oz. 75c, pkt..... 10c
439—Lemon Scented. The delicious lemon fragrance of the leaves is very refreshing and pleasant..... 10c

Verbena (H.H.P.)

440—Venosa. A handsome perennial, producing purple flowers; remains in bloom a long period. Height 6 inches.... 15c

Sunflower or Helianthus (H.A.)

The Sunflower or Helianthus is an old and well-known flower. Many of the new and best double varieties are attractive and produce a fine effect among shrubbery, or when used as screens, growing from 4 to 6 feet in height.

417—Californicus, fl. pl. Extra large and very double flowers. Four to five feet high. ¼-oz. 25c; pkt..... 10c
418—Globe of Gold. Flowers immense, from 12 to 15 inches in diameter, globular and extremely double. Four feet high. ¼-oz. 25c; pkt..... 10c
419—Stella Dwarf Golden Yellow. Produces a large double flower at the top of the stalk and one on each leaf joint; the latter are borne on a short stem. Height about 4 feet. Pkt..... 10c
420—Chrysanthemum Flowered. Magnificent flowers, 6 to 8 inches in diameter, densely double, showing no centre. The petals are long and beautifully slashed and fringed; color rich orange; the plants 5 to 6 feet high. ¼-oz. 25c; pkt..... 10c
421—Red Sunflower. The colors of these Hybrids range from light pink to deepest red. The diversity of forms is interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which on their part appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disc; 4 to 5 feet high. ¼-oz. 30c; pkt..... 15c

Sweet William (H.B.)

(Dianthus Barbatus). A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

422—Albus Grandiflorus. Large flowered, white. Pkt..... 15c
423—Diadem. Brilliant dark scarlet, large white eye. Pkt..... 15c
424—Nigrescens. Very dark, rich red shade. Pkt..... 15c
425—Newport Pink. Salmon, rose. Pkt..... 15c
426—Scarlet Beauty. Bright scarlet. Pkt..... 15c
427—Auricula. Flowered, mixed colors. Flowers of great size and beauty. Pkt..... 10c

Smilax (G.)

(Myrsiphyllum). Tender perennial climber, with dark, glossy foliage and small white flowers.

397—Asparagoides..... 10c

Solanum (G.)

(Jerusalem Cherry). It is well adapted for pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental. In demand for Christmas decoration.

398—Capiscatrum. 1½ feet..... 10c



VERBENA MAMMOTH HYBRIDS

Sweet Rocket (H.P.)

(Hesperis). 428—A very useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds and borders; is much admired for the fragrance of its flowers 10c

Sweet Sultan (H.A.)

(Centaurea Moschata). A free-flowering, very effective hardy border plant. The flowers have a delicate honey perfume, and are highly prized for bouquets.

429—Mixed Colors 10c

Tagetes (H.A.)

430—Signata Pumila. A dwarf compact bushy profuse blooming bedding marigold. Fern-like leaves are very beautiful; flowers, bright orange-yellow. Useful for edging. **Pkt** 15c

Thunbergia (G.)

431 — Free-flowering, handsome twiners of rapid growth. Splendid for hanging baskets or window boxes. **Mixed colors** 10c

Tropaeolum (H.A.)

(Canary Bird Flower). **432—Canariensis.** One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. 10 ft. **Oz. 60c; pkt** 10c

Vinca (H.H.A.)

(Madagascar Periwinkle). Ornamental free-blooming plants for bedding or pot work. 1 to 1½ feet.

441—Alba. Pure white 10c
442—Rosea. Rose, dark eye 10c

Wild Cucumber (H.A.)

455 — (Echinocystis Lobata). The quickest growing annual climber we know. The foliage is clean bright green with sprays of white during June, July and August. **Oz. 50c; pkt** 10c

Zea (H.A.)

(Maize). **456—Japonica Variegata.** Plants with beautifully striped ornamental foliage. **Oz. 35c; pkt** 10c

Zinnia Elegans (H.A.)

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved compact-growing, large flowering Zinnias, growing only 2 feet high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias

457—Zinnias, Mammoth Flowering. The plant forms a handsome bush about 3 feet high, which is clothed with luxuriant foliage and blooms during a long period. The perfectly formed, very double flowers are of very striking clear and vivid colors mixed 10c

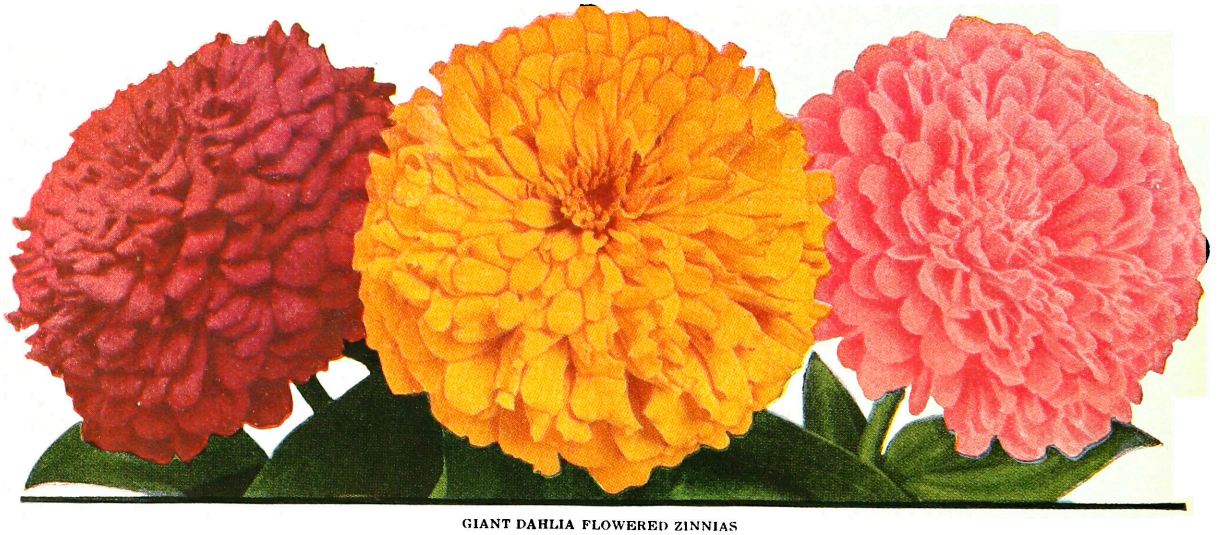
458—Pure White. With handsome white flowers 10c

459—Scarlet. Double fiery scarlet flowers 10c

460—Double Crimson. Flowers very double 10c

461—Zinnia Golden Yellow. Flowers large and of perfect shape; golden yellow 10c

462—Extra Choice Mixed Saved from selected double flowers ... 10c



GIANT DAHLIA FLOWERED ZINNIAS

Violet, English (P.A.)

Should be in every garden on account of delightful fragrance and profusion of bloom. Seed slow to germinate.

443—Dark Blue 25c

Virginian Stock (H.A.)

Hardy, low-growing, profuse, fragrant flowering annuals, for borders and small beds.

444—Mixed, Red and White. Oz. 65c; pkt 10c

Viola Cornuta or Tufted Pansies (P.A.)

While the flowers are not so large, they bloom so freely that they are superior to Pansies where ***effect*** is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June and from then on until frost they are a sheet of bloom.

445—Steele, Briggs'—New Hybrids, which contain all the varied and brilliant colorings of the best grade of blotched Pansies 15c
446—Lutea Splendens—Rich golden yellow 15c
447—White Perfection—A fine pure white 15c
448—Purple Queen—Rich purple, free bloomer, compact 15c
449—Mauve Queen—Pretty starry mauve flowers 15c
450—Blue Perfection—The best deep blue; an ideal bedding variety 15c
451—Rosea Splendens—Rose pink, a charming shade 15c

Wahlenbergia or Platycodon (H.P.)

452—A perennial from Japan, producing all summer an abundance of star-shaped flowers, 3 inches across, of beautiful blue and white colors. It lives and blooms for years, increasing in size and beauty, and will flower the first season from seed. **Mixed** 15c

Wallflower (H.H.P.)

Prized for long continuance in bloom and delicate odor of flowers. Single and double varieties of various shades of golden-yellow, red and bronze.

453—Double. Fine mixed 15c
454—Single. Splendid; 1½ feet 10c

Special Mixtures of Flower Seeds

To those who cannot bestow the necessary care required in a neatly laid-out flower garden, the "Wild Garden" presents a substitute, which for its unusual and varied effect, cheapness and small amount of labor necessary for its construction, has no rival.

463—"Wild Garden Seeds." A mixture of over 100 varieties of hardy flower seeds. Wherever planted will ensure something new almost every day. **Oz. 30c; large pkt** 10c

464—Mixture of Everlasting Flowers. Bloom the first season and if cut as soon as the flowers are open and hung to dry, are useful for mixture with grasses for winter decoration 10c

Flowers Brighten the Home in Winter

Everlastings are becoming popular again. They are splendid for wreaths; for decorative purposes; for winter bouquets; as an attractive present for a friend, or for the sick room; for placing in vases, to add brightness to the home.

ANNUALS

13 and 14—Acroclinium. Pkt 10c
213—Helichrysum (Straw Flower). Pkt 10c
375—Rhodanthe. Pkt 10c
399—Statice, Russian (Suworowii). Pkt 15c
464—Everlastings, Mixed. Pkt 10c

PERENNIALS

212—Gypsophila Paniculata (Baby's Breath). Pkt 15c
137—Physalis Franchetti (Chinese Lantern Plant) 10c
249—Lunaria Biennis (Honesty) grown for its silvery seed pods.

Giant Waved Spencer or Orchid Flowered Sweet Peas

The old-fashioned or standard varieties are now quite over-shadowed by this wonderful type which is quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All of the sorts offered below have been thoroughly tested and are just as easy to grow as the standard varieties.

The seed should be sown AS EARLY AS THE GROUND CAN BE WORKED in the Spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 inches deep; in this sow the seed and cover 2 inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As flowers come into full bloom or fade they should be cut off, for if the pods are allowed to seed the plant will stop blooming.

465—Asta Ohn. Pinkish Lavender tint. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

466—Campfire. In **Campfire** we have the brightest scarlet sun-proof Sweet Pea ever offered. It is the last word in vivid color and stands out beside all other varieties in this class. The flowers will stand the hottest sunshine. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

467—"Crimson King"—The color is a solid, rich, deep, clear crimson throughout, becoming richer in the throat. Absolutely no distinguishing difference between color of standard and wings. The flowers are of precisely the same distinct color from bud to "Passing off" stage. Entirely free from sunburn and wind scald at all times. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

468—Daisybud. The color of the flowers is an harmonious combination of apple-blossom tints with a suggestion of cream-pink. The texture of the flowers is substantial but dainty. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

469—Doreen. Doreen is a huge, bright Carmine Sweet Pea. It's much larger and brighter than all other carmine varieties we have tried. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

470—Elfrida Pearson. The flowers can only be described as huge. The color is lovely pale-pink on white ground. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

471—Enchantress. Pure Pink. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

472—Fiery Cross. The flowers of this grand variety have the appearance of live fire, the color being a scorching fire, red or scarlet, which scintillates and glitters in bright sunlight. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

473—Florence Morse Spencer. Deep Blush Pink. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

474—Gleneagles. Pure lavender suffused blue. A charming shade. The flowers are large and frilly. Very vigorous. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

475—Gold Crest (Bolton). Imagine the glow of a sun-ripened orange combined with a rich tint of salmon, subtly and perfectly merged into gold, and that will be a passable conception of Gold Crest. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

476—Hawlmark Cerise. Glowing rose-cerise on cream ground. Hawlmark Cerise is an excellent flower of magnificent size and artistic proportion. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

477—Hawlmark Pink. Beautifully frilled rose-pink variety, of recent introduction. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

478—Heavenly Blue. A fine new blue, of a most beautiful soft tone of Delphinium blue. It is a pure blue self that does not show a trace of violet. The flowers are of immense size with fours invariably well placed on long stiff stems. **Per pkt. 15c, oz. 90c, ¼-lb. $3.00**

479—Helen Lewis. Orange Pink. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

480—Hero.—Might be called **a** brilliant clear cerise. In sunshine or artificial light it appears to be richly suffused with salmon. The large flowers are nicely waved and well placed on stout stems. This Pea should appeal to all lovers of brilliant shades. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

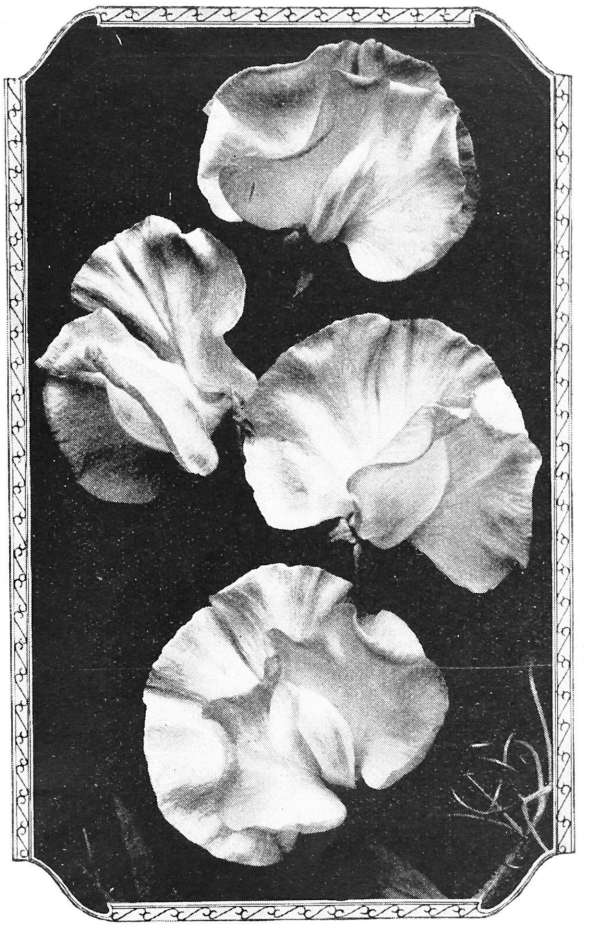
481—King Edward Spencer. Bright crimson-scarlet of largest size. A fine variety. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

482—King White Spencer. Hailed as the King of Whites, because of the perfect finish of the flower in every detail—form, size, waviness and glistening, immaculate whiteness. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

483—King Manoel. This is a giant-flowered maroon or deep chocolate-colored variety. The flowers are of immense size. **Oz. 90c, ¼-lb. $3.00**

484—Margaret Atlee. A rosy, salmon-pink on a creamy buff ground. Rich soft color, and extremely attractive. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

485—Mary Pickford. Mary Pickford is a beautiful light and dainty cream pink with just the faintest suffusion of salmon, making the color combination difficult to equal and most hard to surpass. **Per pkt. 15c, oz. 90c, ¼-lb. $3.00**



PINKIE

486—Miss California. The general effect is a rich, beautiful salmon cream pink of a distinctly new shade. The flowers are large, beautifully waved and borne in fours on long, stout stems. The plant is in exceedingly vigorous grower and cannot but give satisfaction to everyone. **Per pkt. 15c, oz. 90c, ¼-lb. $3.00**

487—Mrs. Tom Jones. Bright delphinium blue. Flowers of good size and substance and gracefully carried on long stems. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

488—Powerscourt. The color is a pure lavender, and beyond question is one of the best yet produced. The flowers are mammoth, refined and nicely placed on the stem, while the plant is a very strong grower and the free-flowering capabilities of the variety are maximum. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

489—Picture. The gigantic blooms are borne freely in sprays of four or more on long stout stems, in color a most attractive tint of pink suffused with creamy apricot. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

490—Pinkie. A large deep rose pink. A most vigorous grower, a continuous cropper with outstandingly long stout stems. The flowers are nicely waved and well placed on the stems. The beautiful rose-pink tone of the flower is free from the "blueness" of other deep pinks and in a bunch it is glorious. **Pkt. 15c, oz. 90c, ¼-lb. $3.00**

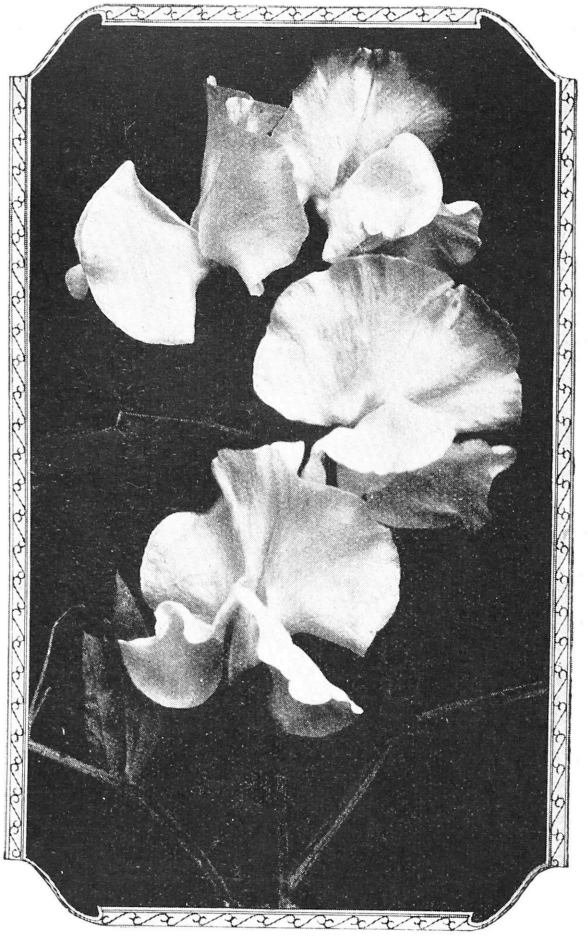
491—Prince of Orange.—Light orange with a suffusion of salmon. The wings are orange-pink blending into a general effect of bright light orange. **Pkt. 10c, oz. 60c, ¼-lb. $2.00**

Giant Waved Spencer or "Orchid-Flowered" Sweet Peas---*Continued*

492—Royal Scot.—A very vivid scarlet with a tone of cerise. Sunproof habit; strong. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

493—Renown. The plant is very strong growing, and the color a most beautiful shade of carmine rose. The flowers are beautifully waved, very large in size, yet refined, carried on long stems—four on each. A glorified John Ingman. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

494—Sunkist. A magnificent pink Picotee edge on clear rich cream ground. The picotee edging is clearly and cleanly defined. The flowers are large and bold, well waved and beautifully placed on good stout stems. **Pkt. 15c, oz. 90c, ¼-lb.**.....**$3.00**



SUNKIST

495—Sweet Lavender. A distinct and lovely addition to this class. It is a clear soft lavender throughout, a true self, lacking any rose suffusion. The large flowers are beautifully waved and borne on stems of great length. The plants are vigorous and free blooming. **Pkt. 15c; oz. 90c, ¼-lb.**.....**$3.00**

496—Tangerine. Brilliant tangerine-orange flowers. An outstanding and very popular sweet pea because of its rich brilliant color, large size, and exquisite texture. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

497—Vermilion Brilliant. Bright Scarlet, beautifully waved. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

498—Vulcan. Dazzling scarlet-cerise—a popular color which no doubt will greatly increase the demand for this excellent variety. The brilliant effect of the flowers is increased by a soft suffusion of orange appearing in the standard. Mammoth blooms of excellent proportions, well rounded and fluted, carried in fours on fine stems. It is a free grower and profuse bloomer, deserving a place in every collection. **Pkt. 15c; oz. 90c, ¼-lb.**.....**$3.00**

499—Warrior. A rich bronzy maroon, very fine, large flowers, invaluable for exhibition. **Pkt. 10c, 1 oz. 60c, ¼-lb.**.....**$2.00**

500—Wedgewood. A beautiful Wedgewood blue. Flowers of good size and well placed on long stout stems. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

501—White Spencer. Produces flowers of largest size. Pure White. **Pkt. 10c, oz. 60c, ¼-lb.**.....**$2.00**

502—Youth. The color is one that catches the eye immediately. An exquisite pink picotee edge on a pure white ground and a combination that cannot fail to excite enthusiasm on the part of all growers. The delicately tinted white keel blends splendidly with the whole flower. **Pkt. 15c, oz. 90c, ¼-lb.**.....**$3.00**

Early or Winter Flowering Spencer Sweet Peas

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid flowered type, and if the flowers are kept cut, they will continue to bloom for a long time.

503—Blue Bird. This true blue is largely grown by florists. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

504—Bright and Early. Bright sunproof, orange scarlet. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

505—Christmas Carol. Salmon Cream. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

506—Early Harmony. Clear lavender. **Pkt. 20c, oz. $1.25, ¼-lb. $3.75**

507—Early Torch. (Illuminator) Salmon orange. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

508—Glitters. No variety we know of approaches Glitters in richness, brightness, and live-fire effect. It is unique and outstanding far ahead of all other orange-colored Sweet Peas. The standard is a bright fiery orange, and the wings are deep orange. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

509—Grenadier. Scintillating, dazzling scarlet. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

510—Heather Bell. Mauve lavender. **Pkt. 20c, oz. $1.25. ¼-lb. $3.75**

511—Lavender King. Lavender. **Pkt. 20c, oz. $1.25, ¼-lb. $3.75**

512—Meadow Lark. Rich cream. **Pkt. 20c, oz. $1.25, ¼-lb. $3.75**

513—Melody. Rose pink. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

514—Morning Star. Orange Scarlet. **Pkt. 20c, oz. $1.25, ¼-lb. $3.75**

515—Mrs. A. A. Skaach. Fine pink, large flowers. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

516—Mrs. Kerr. Large salmon, finely formed flowers. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

517—Snowstorm Improved. This is by far the finest of all white winter flowering varieties. The flowers are extra large and of finest form. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

518—Song Bird. Pale blush pink. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

519—Spring Maid. Light cream pink. **Pkt. 20c, oz. $1.25, ¼-lb. $3.75**

520—Yarrawa. Rose pink. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

521—Zvolanek's Rose. Many growers consider this variety one of the best in the deep pink class. The flowers are large and bold. **Pkt. 20c, oz. $1.25, ¼-lb.**.....**$3.75**

522—Steele, Briggs, Best All Waved or Spencer Varieties. This mixture is made up from our carefully prepared formula and contains practically all of the true Spencer varieties introduced to date, and all in well-balanced, finely proportioned colors. We do not think it possible for anyone to make up a better mixture. **Pkt. 15c, oz. 45c, ¼-lb. $1.35,** postpaid.

523—"Spencer Hybrids," Choice Mixture. Composed exclusively of Spencer Hybrids, a new race of Gigantic Orchid **Flowering Sweet Peas,** a type which, having an open keel, hybridises easily and has produced many exquisite colors and shades. The blossoms frequently measure two inches across. **Pkt. 10c, oz. 35c, ¼-lb. $1.00,** postpaid.

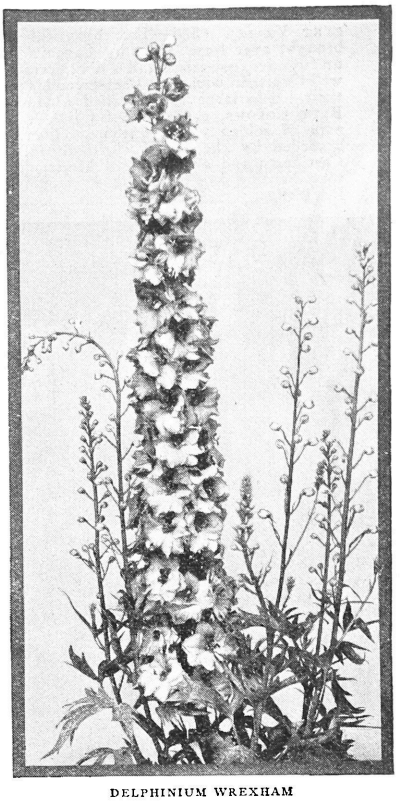
524—Steele, Briggs' Best Mixture Large Flowering. From best named large flowering varieties. **Pkt. 10c, oz. 20c, ¼-lb. 60c, 1 lb.**.....postpaid, **$1.75**

Novelties and Specialties of Merit

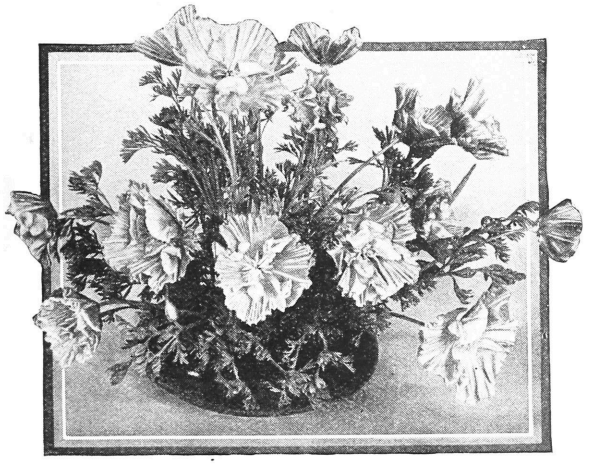
Calendula Campfire. (Sensation). (Growers Description). 525—The idea of popularizing the Calendula for a florists' cut flower started in the vicinity of Chicago, with the introduction of the Ball Calendula, a long stemmed type well adapted to forcing. During the past five years, much attention has been given to the development of the Calendula on our farms, and it is with pleasure that we introduce to our customers CAMPFIRE, a distinct new type originating from a mutation from our florists ' strain of Orange King. It is of vigorous growth, the flowers borne on stout stems, needing little disbudding. The blooms are flat and are undoubtedly larger than those of any type previously introduced. The color of the petals is brilliant orange with a scarlet sheen, with full yellow centre. This type has been thoroughly tested under glass, and has been accepted as the best orange forcing Calendula for florists' and Garden use. **Pkt**.....25c

Clarkia Elegans Flore Pleno Chieftain 526—A novelty in Clarkia that will most certainly be welcomed for, its color is one that has gained favor with the public during the last few years. There are already in commerce several varieties that are described as mauve, but none have that true mauve colouring or that purity of tone which will be found in this very fine introduction. It is really a pleasing delicate shade and will most certainly prove a worthy acquisition to this extremely popular flower. Large flowers of exceptional doubleness are produced in great profusion. **Pkt. 35c**

Wrexham Delphiniums 527—This remarkable strain, popularized as "Hollyhock Delphiniums" through the writings of the late Rev. Joseph Jacob, was originated by Watkins Samuel, an amateur enthusiast of Wrexham, Wales. When Mr. Samuel first exhibited his blooms in London, he gained a considerable number of R.H.S. awards of merit and to permit their general distribution he sold the stocks of each variety and those he has since raised, to various British nurserymen. The seed offered here, while produced from **Pedigree Stock,** will like all Delphiniums produce only a percentage of the true type, from a pkt. of seed. However one can be assured that the number of the true Wrexham plants produced will amply repay the money invested. **Pkt**.....50c
Strong 2 year old Plants, **each 75c,** postpaid.



DELPHINIUM WREXHAM



ESCHSCHOLTZIA RAMONA

Eschscholtzia Caniculata Flore Pleno Buttercup

528—We have long endeavoured to secure a pure butter yellow Eschscholtzia and have here a double flower beautifully caniculated and just that desired shade. In habit and flower it resembles that very popular variety Robert Gardiner but the soft tone flowers make it even more pleasing to the eye than this variety. **Pkt. 50c.**

Eschscholtzia Ramona 529—Among the many fancy varieties of Eschscholtzia introduced during the past year, Ramona, a mutation from the Geisha, stands out as a distinct and very charming type in frilled class. It is a single, but the frills give it the appearance of semi-double. The color is a pale but glittering coppery gold with pink shadings, and very pleasing to the eye. This unusually attractive novelty which is well fixed, should be included in every collection. **Pkt**.....25c

Gaillardia Grandiflora Portola Hybrids

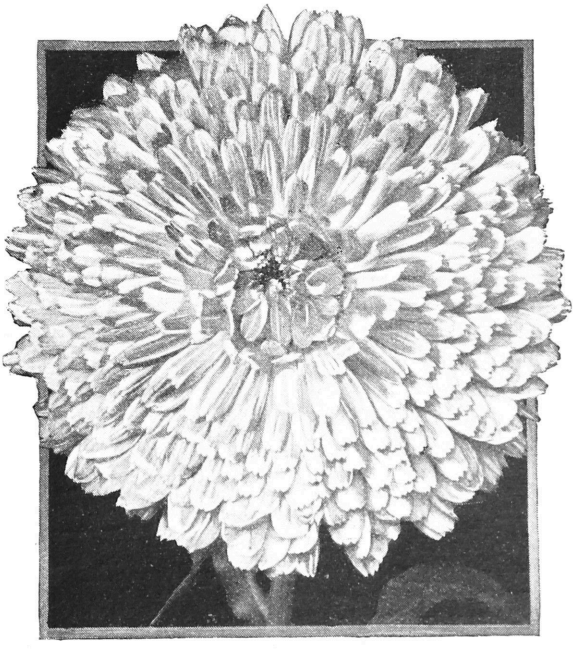
530—This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with the characteristic golden tipped petalage and robust vigor of the well known Portola variety. A splendid cut flower and should be in every garden, **pkt**.....20c

Godetia Dwarf Double Azalea Flowered Carminea 531—Can be described as a dwarf growing form of the tall double Carminea, which has become so popular for a cut flower. This we recommend highly for pot culture. This plant is so floriferous that when it is in full bloom it is nothing but flowers. It can be called an annual Azalea. **Pkt.** 25c

Double Stock-Flowered Annual Larkspurs This is one of the best-known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut and a vase of one or mixed colors is indeed charming. 3 feet.

Exquisite Pink Improved 532—A most appealing bright pink with large blooms closely set on fine spikes. An exquisite variety. **Pkt**..... 20c

Exquisite Rose 533—A beautiful shade of rose pink, several tones deeper than Exquisite Pink Improved but with the same new improved Delphinium form and coming quite true. **Pkt**..... 20c

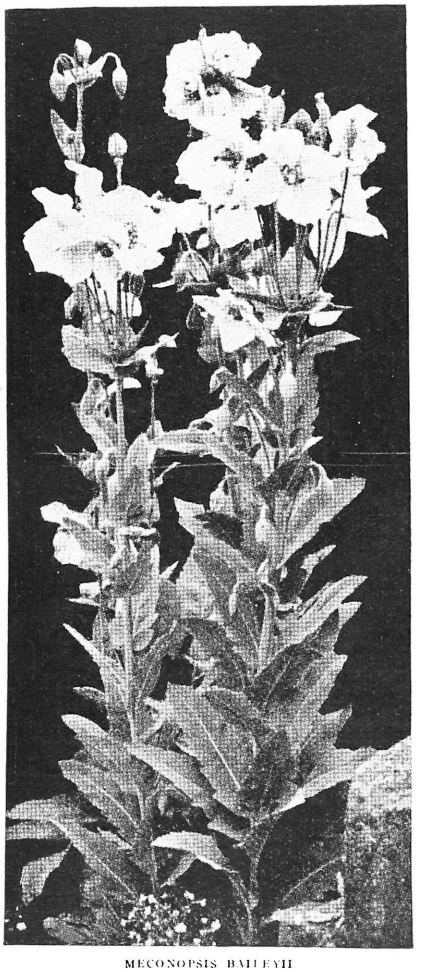


CALENDULA CAMPFIRE

Novelties and Specialties of Merit

Meconopsis Baileyii

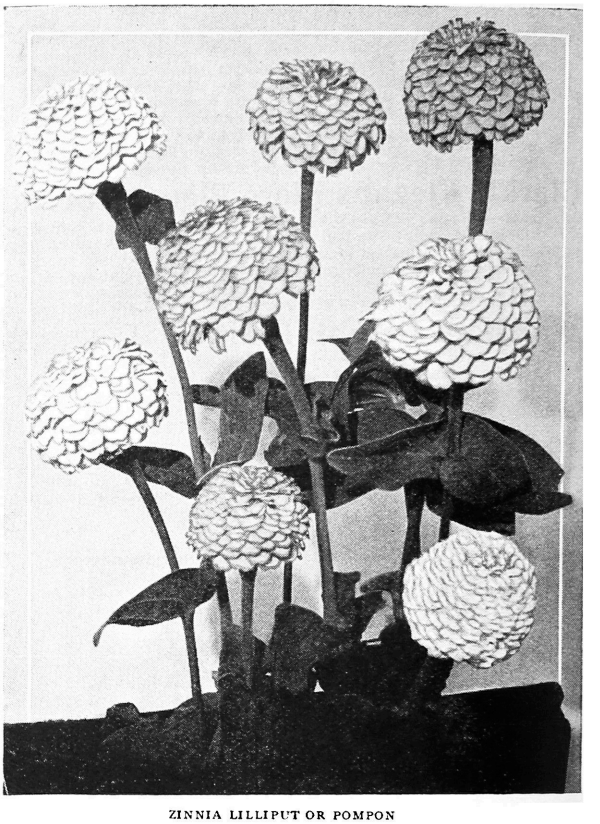
(One of the Finest Introductions of Recent Years). **534**—This beautiful blue perennial Poppy, brought over from Tibet by Captain Kingdon Ward, throws up from its root-stock half a dozen leafy stems 2 to 3 feet high, well furnished with broad sea-green leaves and bearing freely at their heads large four-petalled blooms of a Glorious Sky-Blue Colour, the effect of which is enhanced by a central zone of golden yellow anthers. This superb plant has been accorded by the Royal Horticultural Society a First Class Certificate and an Award of Merit. It is hardy, and should soon become one of the most popular plants in cultivation.
Per pkt.....35c



MECONOPSIS BAILEYII

Pansies Giant Exhibition Mixture

535—We offer this mixture of Giant Flowering Pansies to our customers with pride. It is composed of most carefully selected varieties of the choicest Pansies of the new kinds introduced by the leading European and American Pansy specialists. The flowers are uniformly of the largest size, colors striking in their brilliancy, and yet retaining all the delicate shades, hues and pencilings that have made the Pansy one of our most favored flowers. **Per pkt**..50c



ZINNIA LILLIPUT OR POMPON

Giant Scabiosa

Peach Blossom. **536**—"Highly Commended" by the Royal Horticultural Society of Great Britain. A beautiful shade of Peach Blossom Pink, large size and long stems. An excellent cut flower. **Per pkt. 20c**

Shasta. **537**—A pure white of enormous size, the flowers measuring three and a half inches across with extremely long stems.
Per pkt..... 20c

Double Lilliput or Pompon Zinnias

A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small densely double flowers on long stems, held well above the foliage. Makes a good line or bed and are of more than usual value for cutting.

	PER PKT.		
538—Canary Yellow	15c	**540—Salmon Rose**	15c
539—Golden Yellow	15c	**541—Crimson Gem**	15c
543—Red Riding Hood	15c	**542—White Gem**	15c

Zinnias

Mammoth Dahlia-Flowered. The flowers are marvelous in size, many being 6 to 8 inches across and are borne on long stems. They have all the Dahlia colorings, including shades unknown in Zinnias heretofore. Those of our customers who tried this strain last year report wonderful results.

Illumination **544**—Large and full flower, color a striking self color of deep rose, (Tyrian Rose). **Per pkt**.....15c

Crimson Monarch **545**—By far the largest and best of red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. **Per pkt**..15c

Giant Attraction **546**—A distinct shade of brick red (Spectrum Red) which carries its color well from the bud, and forms into an immense ball of color when in full bloom. **Per pkt**..... 15c

Oriole **547**—We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages, but at all times worthy of the beautiful bird for which it is named. **Per pkt**..... 15c

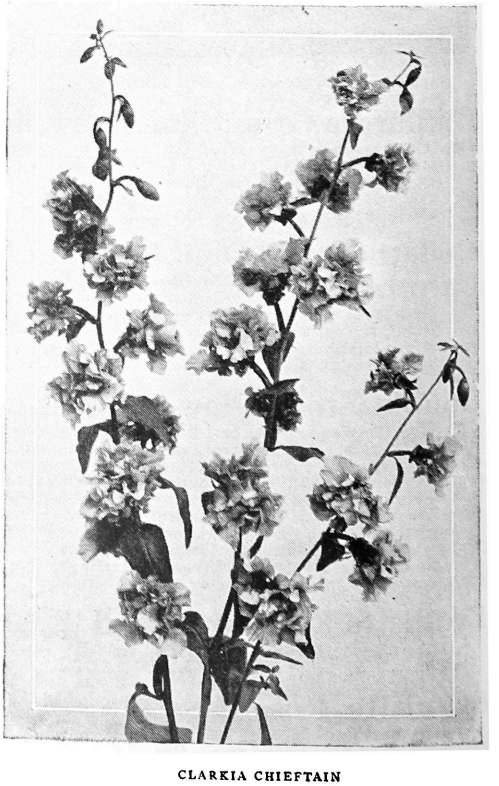
Dream **548**—A fine deep lavender, turning to purple (Mallow Purple) a new desirable shade in Zinnias. **Per Pkt**.....15c

Canary Bird **549**—A delicate shade of primrose—very large and holds its color well until out of bloom. **Per pkt**..... 15c

550—Mixed Colors, the above shades in mixture. **Per pkt**..... 15c

Sweet Peas

551—**Early Pink Charm.** A light rose pink, practically self colored with wings, and standard somewhat lighter toward the outer edges, giving the whole a most charming effect. A vigorous grower, with a long blooming period and when other varieties are through blooming PINK CHARM is still good. A Splendid variety for florists. **Pkt**..... 25c



CLARKIA CHIEFTAIN

FLOWERS AND PLANTS

For Different Purposes and Situations, which can be Grown From Seed

FLOWERING ANNUALS

Including some perennials which flower the first season from seed. Those marked * are the best for massing in beds and borders.

Acroclinium
*Ageratum
*Alyssum
Amaranthus
*Antirrhinum
*Arctotis
*Aster
Balsam
Begonia
Brachycome
*Calendula
*Calliopsis
*Candytuft
*Celosia
*Centaurea
Chinese Wool Flower
*Chrysanthemum
Cineraria
*Clarkia
Convolvulus
*Coreopsis
*Cornflower
*Cosmos
Dahlia
Daisy
*Dianthus
*Dimorphotheca
*Eschscholtzia
Feverfew
*Gaillardia
*Godetia
Gomphrena
Gypsophila
Helianthus
Helichrysum
Kenilworth Ivy
*Larkspur
Lavatera
*Linum
Lobelia
*Lupinus
*Marigold
Marvel of Peru
Mesembryanthemum
Mignonette
Mimulus
Myosotis
*Nasturtium
Nemesia
Nemophila
Nicotiana
*Nigella
*Pansy
*Petunia
*Phlox
Pinks
*Poppy
Portulaca
Primula Malacoides
Rhodanthe
*Salpiglossis
*Salvia
Scabiosa
Schizanthus
Stevia
*Stocks
Sunflower
Sweet Peas
*Tagetes, Signata Pumila
Verbena
*Viola cornuta
*Zinnia

FLOWERING PERENNIALS

Achillea
Aconitum
Anchusa
Anemone
Aquilegia
Auricula
Bellis
Bocconia Japonica
Boltonia
Campanula
Carnation
Cerastium
Chrysanthemum
Coreopsis
Daisy
Delphinium
Digitalis
Gaillardia
Geum
Gypsophila
Hollyhock
Lobelia
Lupinus
Lychnis
Myosotis
Pentstemon
Phlox
Platycodon
Polyanthus
Poppy, Oriental
Potentilla
Polemonium
Pyrethrum
Saponaria
Salvia
Scabiosa Caucasica
Shasta Daisy
Statice
Sweet William
Viola
Wallflower

VARIETIES FOR SHADED AND PARTIALLY SHADED PLACES

Aquilegia
Auricula
Begonia Tuberous
Bellis
Cineraria
Clarkia
Daisy
Digitalis
Godetia
Kenilworth Ivy
Lobelia Cardinalis
Mimulus
Myosotis
Nemophila
Pansy
Polyanthus
Primula
Viola Cornuta

CLIMBING VINES

Balsam Apple
Cardinal Climber
Convolvulus
Cucumber, Wild
Cypress Vine
Humulus
Ipomoea
Nasturtium
Sweet Peas
Thunbergia
Cobea Scandens
Ampelopsis
Clematis
Hop Vine
Lathyrus

VARIETIES FOR CUTTING

Acroclinium
Antirrhinum
Aquilegia
Arctotis
Aster
Calendula
Calliopsis
Candytuft
Carnation
Chinese Wool Flower
Centaurea
Chrysanthemum
Coreopsis
Cornflower
Cosmos
Dahlia
Delphinium
Feverfew
Gaillardia
Gypsophila
Helianthus
Larkspur
Marigold
Mignonette
Pentstemon
Poppies
Salpiglossis
Scabiosa
Shasta Daisy
Statice
Stocks
Sunflower
Sweet Peas
Zinnia

EDGING AND BORDER PLANTS

Ageratum
Alyssum
Begonia, ever-blooming
Bellis
Candytuft, dwarf
Centaurea Candidissima
Cineraria Maritima
Daisy
Dimorphotheca
Euphorbia Variegata
Lobelia
Marigold, French
Legion of Honor
Myosotis
Nasturtium, Tom Thumb
Nemophila
Pansies
Petunia, Rosy Morn
Phlox Drummondi
Polyanthus
Pyrethrum
Tagetes, Signata Pumila
Viola Cornuta

FRAGRANT FLOWERS

Alyssum
Candytuft
Carnation
Centaurea
Cyclamen
Heliotrope
Lupinus
Mignonette
Mimulus Moschatus
Nicotiana Affinis
Polyanthus
Scabiosa
Stocks
Sweet Peas
Sweet William
Violet
Wallflower

ORNAMENTAL FOLIAGE PLANTS

Amaranthus
Centaurea Candidissima
Cineraria Maritima
Coleus
Euphorbia
Kochia
Pyrethrum
Ricinus

EVERLASTING FLOWERS

Acroclinium
Gomphrena
Gypsophila Paniculata
Helichrysum
Lunaria Biennis (Honesty)
Rhodanthe
Statice
Xeranthemum

PLANTS FOR HANGING BASKETS, ETC.

Alyssum
Asparagus Sprengeri
Begonia
Convolvulus
Kenilworth Ivy
Lobelia
Maurandia
Nasturtium
Nierembergia
Petunia
Smilax
Thunbergia

Best Results can Only be Obtained by Sowing the Best Seeds—STEELE BRIGGS'

Novelties and Specialties of Merit



WONG BOK CHINESE CABBAGE

Early Wonder Beet An extra early variety of recent introduction. Globe shaped and very uniform in size, skin smooth, and flesh a deep blood red and extremely tender. It is admirably suited to the home garden and also on account of its earliness and super-fine quality, valuable to the Market Gardener. **Pkt., 10c.; oz., 20c.; ½ lb., 55c.; lb. $2.00.**

Cauliflower Snowball T.M. 3 **A Marvelous New Early Cauliflower.** This great novelty is undoubtedly the finest and best of all early cauliflowers. The plants are dwarf and compact, measuring about 16 inches in diameter. The stem is short, so that the head is produced quite close to the ground. The heads are **very firm** and solid. They measure 6 to 9 inches in diameter and are of the very finest quality. We have cut fine heads in 85 days after sowing the seed. T.M. 3 is an excellent dry weather type, heading up under the most adverse conditions. **Pkt. 25c, ¼-oz. $1.50, oz. $5.00.**

Wong Bok Chinese Cabbage It really is not a cabbage, but a Mustard, forming a compact elongated, tightly folded head. Weigh from 5 to 8 lbs., and are good all the way through. Delicious served as a salad with French Dressing, or like Cole Slaw, with Mayonnaise. The green portion of the leaves may also be served like Spinach, while the heavy midribs are very palatable like Swiss Chard or Asparagus. Wong Bok is entirely self folding and the heads need no tying up or blanching of any kind. Should not be sown before August. **1 pkt. 15c, ½-oz., 40c; oz. 75c.**

Carrot Rices' Coreless This is a fine, half long variety of most symmetrical shape, uniform size, and has a remarkably small top. Of attractive bright scarlet color, crisp, and with a singularly small core, so small in fact that in the young product it is hardly noticeable. It is not particular as to soil and yields splendid crops under ordinary home garden conditions. **Pkt. 10c; ½-oz. 15c; oz. 25c. ¼-lb. 80c: 1-lb. $2.35.**

Mary Washington Asparagus This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is slightly earlier. The tips are very compact and are a rich purplish-green and the whole stalk, from base to tip is remarkably tender. **Pkt. 20c, oz. 60c, 1 lb. $6.00.**

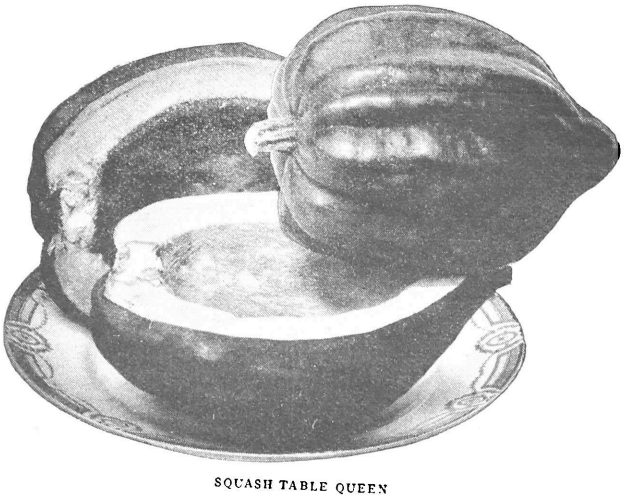
Golden Sunshine **(Sweet Corn). An Earlier Golden Bantam.** In **Sunshine Sweet Corn** the special qualities which made Golden Bantam so universally successful in market, farm, and home gardens, have been developed to a still higher degree. **Golden Sunshine** matures even earlier—from seven to nine days before the old favorite; is of larger size, and has the same inimitable toothsome flavor. **Pkt. 15c, ¼-lb. 25c, lb. 80c. 5 lbs. $3.25.**

"Celery" **(Paris Golden Yellow Self-Blanching). (Giant Strain).** The Strain of Celery, Paris Golden Yellow, Self-blanching, retains all the characteristics of that variety, but is stronger in all its parts, more vigorous, about one-fifth taller, and very regular in type. It is in some ways an improvement, resulting from our work on that Celery, and in fact a return to the original qualities of that type. Owing to greater vigor of growth, it develops more rapidly, requires more space and therefore, should not be planted as close as the old strain, to make its proper developments. Very highly recommended for early market purposes. **Pkt. 25c, ¼-oz. 75c, ½-oz. $1.25, oz. $2.25.**

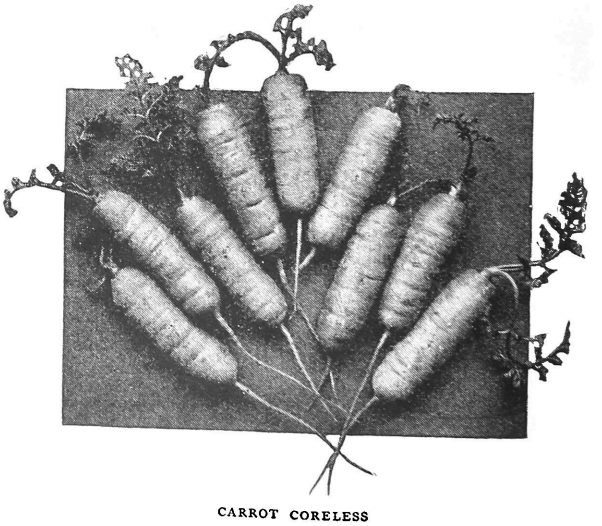
New Squash Table Queen **Also Called "The Des Moines Squash"** Surely a Squash fit for a Queen's taste. Cut in half and baked for twenty minutes it will give you a delicious meal you will long remember, and if you like pie, try one made from Table Queen.

You will be pleased not only with the quality of this Squash, but you get so many from each seed planted, the vines being so vigorous and productive. The fruits are a nice size to handle, 6 to 7 inches long and 4 to 5 inches in diameter. The meat is exceptionally dry and mealy and of extra fine flavor. The shell is thin but hard and smooth, so that they keep as well as the Hubbard, although they ripen earlier. The color is dark green, almost black, with sometimes a blotch of red at pointed end.

This fine Squash has rapidly come into favor in many markets, being preferred to the large sorts, while for the home garden it is ideal. **Pkt. 15c, oz. 50c.**



SQUASH TABLE QUEEN



CARROT CORELESS

Marglobe Tomato This fine second early, developed by the Bureau of Plant Industry, U.S. Dept. of Agriculture, produces large, smooth, meaty, globular red fruits, which ripen evenly, and are free from cracks. An extremely heavy cropper, immense yields of excellent fruits being reported from every region where tried. Especially valuable to those who are in districts troubled with rust and wilt, as this strain is immune. **Pkt. 15c, ½-oz. 40c, oz. 75c.**

Italian Green Sprouting Broccoli

We are now able to offer a dependable stock of this very desirable Broccoli, for which there is now a growing demand which will increase rapidly when this splendid vegetable becomes better known.

There are several strains, or types, of the Sprouting Broccoli, some of which rapidly shoot to seed, and as a consequence great care was exercised in selecting the stock we offer. The "Sprouting" type of Broccoli is quite distinct from the Cape, or heading, varieties and should not be confused with them.

This variety developes in about 90 days, producing a large head, like cauliflower, consisting of a compact cluster of bluish-green flower heads. When the central head is removed the plant produces many branches, each bearing small heads. These are cut with 3 or 4 inches of the branch attached and tied in bunches for market. The stems as well as the flower heads are cooked and served like cauliflower. **Per Pkt. 25c.**

STEELE, BRIGGS' LIST
Selected Garden Seeds



WE make it our constant aim to supply seeds of the **Highest Standard of Excellence** a first consideration, and next to make prices as low as such quality of seeds can be sold. Every variety is tested at our own grounds each year, and by careful comparison with stocks obtained from other sources, we know that better seeds than we sell cannot be procured from any source. By these comparative trials we learn the merits and demerits of every known vegetable, and by leaving from our list varieties of doubtful merit we save our customers disappointment and loss.

Seeds Carriage Prepaid Please bear in mind that prices in the following list include **prepayment, except where noted,** by us to any post office or express office (our option which) in Canada for all Vegetable and Flower seeds offered.

Market Gardeners **who require large quantities of seed are invited to write for our special Gardener's List—It will only be sent to those who grow for market, and require seeds in quantity. In writing please state whether** Market Gardener or Florist.



ASPARAGUS NEW WASHINGTON

Artichoke *(Globe)*

FRENCH, ARTICHAUT; ITALIAN, ARTICIOCCA. Sow in April in rich soil, transplant the following spring to permanent beds (in rows and hills) 3 feet apart, and 2 feet between plants. They only give a partial crop the first season, but the beds remain in bearing for years. Protect in winter by leaves or coarse manure.

—**Artichoke, Large Purple Globe.** Grown for the unripe flower heads, which are highly esteemed by epicures. **Pkt. 10c, oz. $1.20.**

—**Jerusalem.** Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only the rows should be at least 4 feet apart when grown in strong soils. Strong tubers (lb. **30c,** postpaid); peck **$1.00,** bushel **$3.50,** by express at purchaser's expense.

Asparagus

FRENCH, ASPERGE, ITALIAN, SPARAGIO. **Sow one ounce to 60 feet of drill.** Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds which should be well and deeply manured and trenched to a depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and 2 ft. in rows, spreading out the roots, covering from 6 to 8 ins.

The New Washington Rust-resisting Asparagus

Marvelously productive—the most vigorous of all existing kinds—yields a crop two years ahead of all other varieties; absolutely rust-resistant; largest, sweetest, most tender, and succulent shoots. These are the enviable qualities of this Asparagus, developed by the U.S. Department of Agriculture, and it is **so far ahead in every** point of other existing varieties that we recommend it as the **only** kind to plant in the home-garden or on the farm. **Pkt. 20c, oz. 50c, ¼-lb. $1.50, postpaid.** STRONG TWO-YEAR-OLD ROOTS, BY EXPRESS, AT PURCHASER'S EXPENSE, PER 100 **$3.00.** Carriage paid, **$3.60.**

Asparagus Palmetto. A choice variety, producing thick dark green tips of large size and finest quality. **Pkt. 10c, oz. 20c, ¼-lb. 50c, prepaid.** STRONG TWO-YEAR OLD ROOTS, BY EXPRESS AT PURCHASER'S EXPENSE, **$1.90** per 100. Carriage paid, **$2.50.**

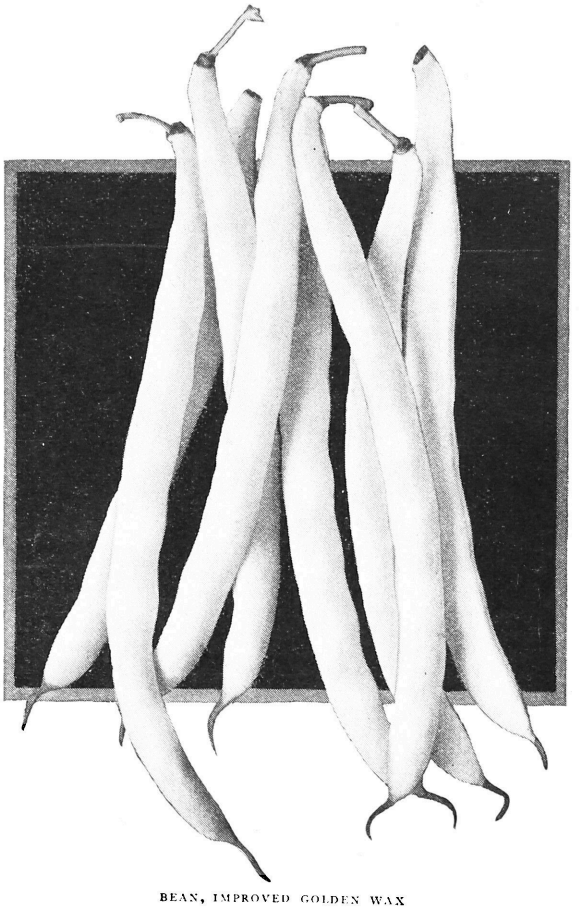
—**Colossal** Standard variety, very productive. One of the largest, shoots green-tinged purple at top. **Pkt. 10c, oz. 20c, ¼-lb. 50c, postpaid.** STRONG TWO-YEAR-OLD ROOTS, BY EXPRESS AT PURCHASER'S EXPENSE, **$1.90** per 100. Carriage paid, **$2.50.**

—**Columbia Mammoth.** A variety of exceptionally large size and merit. **Pkt. 10c, oz. 20c, ¼-lb. 50c, postpaid.** STRONG TWO-YEAR-OLD ROOTS, BY EXPRESS AT PURCHASER'S EXPENSE, **$2.00** per 100. Carriage paid, **$2.60.**

Beans

DWARF OR BUSH, WAX PODDED. FRENCH, HARICOT, NAIN. ITALIAN, FAGINLOI. **1 pound will plant 100 feet of Drill, 1½ bushels for 1 acre.** Dwarf Beans as a rule are more hardy and earlier than the running sorts. They are usually planted in drills, and stand well without support. The rows should be 2 to 3 feet apart, according to the character of the soil and the covering about 2 inches. Beans will thrive upon light soils, although more profitably grown under cultivation upon stronger land, where the rows should be kept well apart. Being quite tender, they should not be planted until danger from frost is over, and a dry warm soil is needed to ensure germination.

Beans are the most nutritious of all vegetable foods and are easily and quickly grown. Most varieties are ready for picking in from five to six weeks from the time the seed is planted, and by making successive sowings every two weeks, you will have a continuous supply throughout the summer and fall. Our Beans are all greatly improved and will produce heavy crops of delicious, tender, stringless pods.



BEAN, IMPROVED GOLDEN WAX

Wax Podded, Bush Varieties

Prices of the following varieties, except where noted; pkt. 10c, ¼-lb. 25c, 1 lb. 70c, 5 lbs. $3.00, postpaid; by express at purchaser's expense, 5 lbs. $2.50

Beans, Black Seeded Wax. A popular variety, splendid for market garden purposes, very early; a prolific yielder, producing flat pods 5½ to 6 inches long; pods a waxy yellow, solid, tender, almost stringless, of excellent quality; seeds, when ripe, jet black. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.50,** postpaid; by express at purchaser's expense, 5 **lbs. $2.00.**

—Davis' White Seeded Wax. Immensely productive and very hardy, bearing large handsome straight flat pods, six to seven inches in length and of good quality. The dry seed, being white, kidney shaped, is desirable for winter market, as a dry bean for cooking.

—Improved Golden Podded Wax. One of the earliest and best dwarf beans known. The plants are erect, compact and very productive. Pods are about five inches long, nearly straight, flat to oval in shape and of a golden yellow color. **Pkt. 10c, ¼ lb. 20c, lb. 60c, 5 lbs. $2.50,** postpaid; by express at purchaser's expense, **5 lbs. $2.00.**

—Pencil Pod Black Wax. This very handsome black wax sort is medium early, fairly hardy and productive. It is one of the very best sorts for home use and for near markets where highest quality is desired. The plants are strong grown with roughened leaves. The pods are long, 6½ to 7 inches, straight round, fleshy and of a bright strong yellow color. They are tender, absolutely stringless and are produced through a long season. Seed long, round, medium sized, solid black.

—Hodson Wax. Late maturing, hardy and very prolific. The pods are handsome creamy-white, 6 to 7 inches long and slightly curved, flat and fleshy, of excellent quality and practically rustless. A fine family and market variety.

—Wardwell's Kidney Wax. Vines and leaves large, strong-growing and vigorous, producing a large crop of long, nearly straight, handsome, white waxlike pods, six to six and a half inches long, of good quality. An excellent gardener's variety.

—Round Pod or Kidney Wax (Brittle Wax). A medium early variety producing an abundant yield of light yellow round pods six inches long, stringless, brittle, very meaty, and of excellent quality, one of the best.

Green Podded Bush Varieties

Prices of the following varieties: Pkt. 10c, ¼-lb. 18c, 1 lb. 55c, 5 lbs. $2.50, postpaid; by express at purchaser's expense, 5 lbs. $2.00.

Beans, Burpee's Stringless Green Pod. Ripens very early, pods pale green, round, stringless, very meaty and a prolific yielder. **Pkt. 10c, ¼-lb. 18c, 1 lb. 65c,** and **5 lbs. $3.00,** postpaid. By express at purchaser's expense, **5 lbs. $2.50.**

—Early Mohawk. First early, none better for first planting; productive, very hardy, almost rust proof. Pods large, 5½ to 6 inches long; flat, taper to a point. Can be used when half grown

—Extra Early Valentine (ROUND POD). Pods are usually ready to pick in about forty-three days from germination. Vines erect, pods medium length, 4½ to 5 inches, curved, cylindrical, with crease in back, very fleshy, crisp and tender; seed long, of medium size.

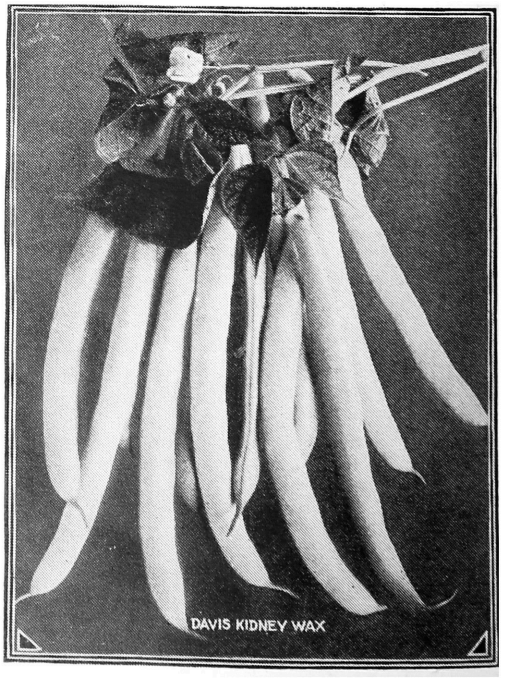
—Improved Early Refugee. Both pods and seeds are larger and earlier than the old Refugee variety, roundish in shape, and a better yielder. Pods about 5 inches long.

—Early Long Six Weeks. One of the earliest, pods flat-shaped, very meaty; six inches long, and of excellent quality; an abundant yielder; a good garden variety.

—Canadian Wonder. It is a giant among green podded varieties, forming a large robust plant, with long, thick, flat pods, frequently measuring from 9 to 10 inches in length by three-quarters of an inch in width and one-half inch thick. The largest and most handsome green pod bean of strictly bush form.

Bush Lima Beans

The bushes grow 18 to 20 inches high, of stout growth, always erect, yet branching so vigorously that each plant develops into a magnificent circular bush, about 2 feet in diameter, and is also a good cropper. Pods short and flat, containing 3 or 4 large size flat beans of excellent quality. **Pkt. 10c, ¼-lb. 25c, lb. 70c, 5 lbs. $3.25,** carriage or postpaid; by express at purchaser's expense, **5 lbs. $2.75.**



Beans

Pole or Running. One pound will plant 75 hills. The planting of the various sorts of pole-beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas being very tender will do better if not planted in the open ground before June 1st. Plant in hills about 3 ft. apart, and 1 to 2 ins. deep, using 5 or 6 seeds to each hill, and set a pole firmly in the centre. Manure liberally in the hill with well decomposed fertilizer. Thin the plants, leaving three in each hill.

Beans, Early Wonder Wax. Golden podded, a marvel of productiveness, ten days earlier than any other pole wax. The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; the pods are very large, 8 to 10 inches in length, entirely stringless, plump and roundish to flat, and almost "solid meat," cooking meltingly tender and of superb flavor. **Pkt. 10c, ¼-lb. 25c, 1 lb. 75c,** carriage or postpaid.

—Dutch Case Knife. Vines moderately vigorous, leaves very large, very productive. Pods 7 to 8 inches long, broad and flat; lightish-green in color. One of the earliest. **Pkt. 10c, ¼-lb. 25c, 1 lb. 75c,** carriage or postpaid.

—Kentucky Wonder or Old Homestead. Splendid, vigorous and productive variety. Pods in clusters, round, succulent and delicious. Color dark green. **Pkt. 10c, ¼ lb. 25c, 1 lb. 75c,** carriage or postpaid.

—Scarlet Runners. This variety grows from 10 to 12 feet high, with large green foliage, and flowers brilliantly scarlet, fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. **Pkt. 10c, ¼ lb. 25c, 1 lb. 75c,** carriage or postpaid.

English or Broad Bean

Broad Windsor. This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant 4 inches apart in rows, and 2 inches deep, in drills 4 feet apart. To ensure well-filled pods, pinch off the tops as soon as the pods begin to set. **Pkt. 10c, ¼ lb. 20c, 1 lb. 65c,** carriage or postpaid.

Borecole or Kale

Dwarf Curled Scotch Kale. This is more hardy than cabbage and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June, transplant in July and cultivate same as cabbage. For early spring use sow in September; protect over winter with a covering of straw or litter. **Pkt. 10c, oz. 50c, ¼ lb. $1.50,** postpaid.

Brocoli

French Brocoli. Sow end of April in the open ground, then transplant about two feet apart in deep, rich ground. When they flower, break the large leaves over the head to protect them from the sun.

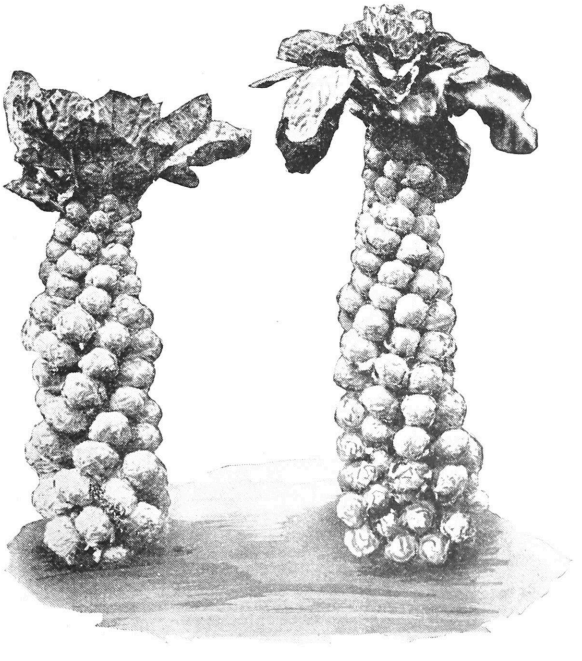
Brocoli, Early Large White. Plants are very hardy and vigorous. Large, firm, white heads, resembling a Cauliflower; very hardy; endure cold and withstand heat and drought well. **Pkt. 10c, oz. $1.75.**

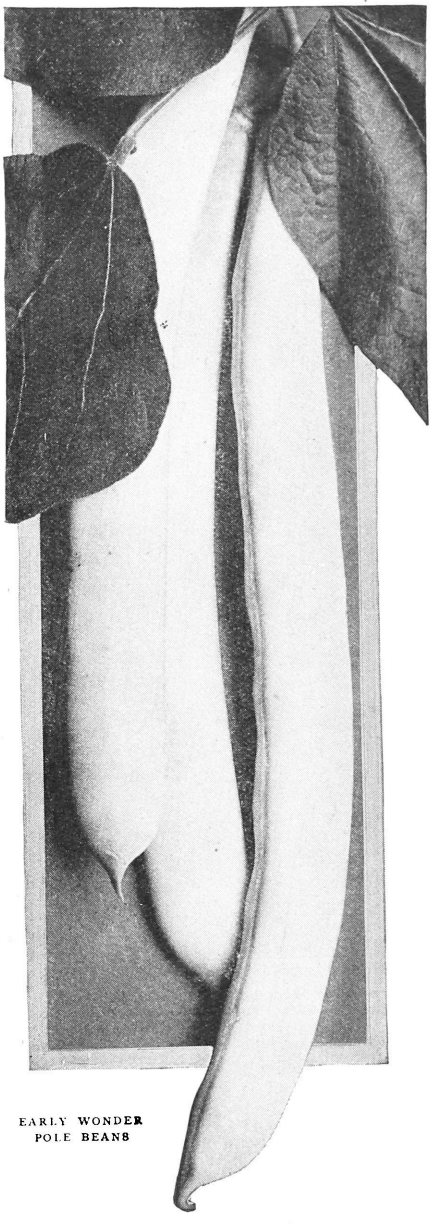
Brussels Sprouts

French, Chou de Bruxelles; Italian, Carolodi Brusselles. One of the best vegetables for winter use, producing from the axis of the leaves an abundance of sprouts resembling small cabbages of excellent mild flavor. By sowing in April or May and transplanting in July, may be had in fine condition until December.

Brussels Sprouts, Aigburth. Produces compact sprouts, or heads of excellent quality. **Pkt. 10c, oz., 60c.**

—Amagar Market. Probably the most useful variety, plants growing one and one-half to three feet high; very hardy and giving compact, round sprouts of large size and good quality. **Pkt. 10c, oz. 75c,** postpaid.





EARLY WONDER POLE BEANS

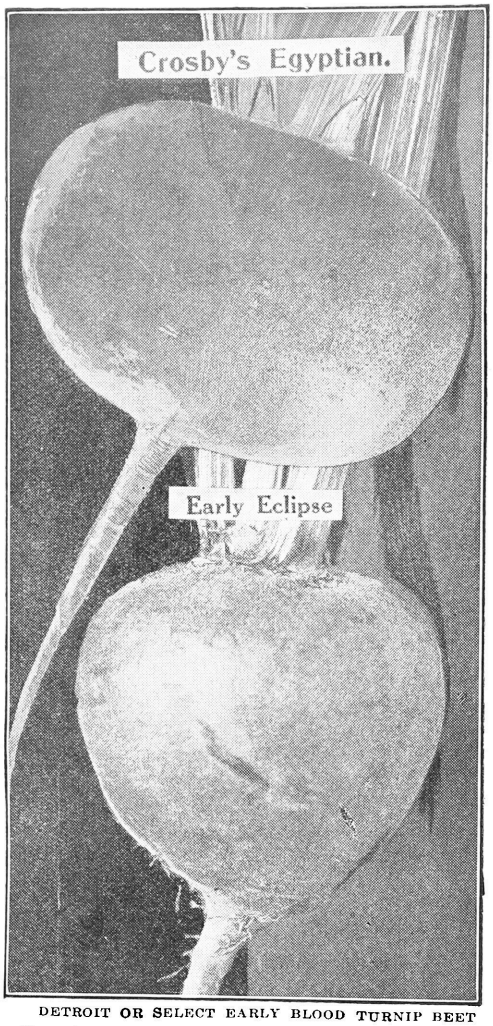
Cress or Pepper Grass

French. Cresson. Sow thickly in shallow drills, early in the spring, and at intervals throughout the season for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margin of ditches or streams and increases rapidly by the spreading of the roots or from the seed.

Cress, Extra Curled. Very fine, may be cut two or three times. **Pkt. 10c, oz. 20c, ½ lb. 50c, lb. $1.25,** postpaid.

—Broad Leaved Green. Very large leaved variety, pungent and pleasant flavored. **Pkt. 10c, oz. 20c, ¼ lb. 60c, lb. $1.75,** postpaid

—Water. A most desirable and appetizing salad, thriving best in shallow water on edges of streams, also grown under benches in greenhouses. **Pkt. 15c, oz. $1.20,** postpaid.



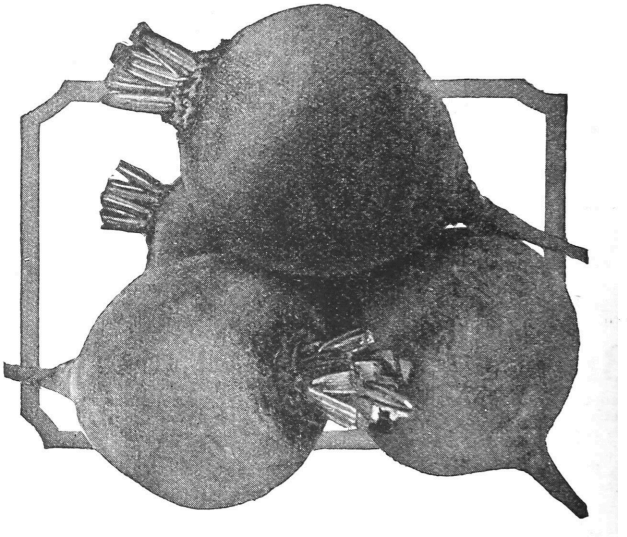
DETROIT OR SELECT EARLY BLOOD TURNIP BEET

Beets

FOR THE TABLE. FRENCH, BETTERAVE. ITALIAN, BARBABIETOLA. **One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.** Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession, sow at intervals until middle of July. For the earliest sowings, a light dressing of nitrate of soda, say about 100 pounds per acre, will sometimes work wonders.

Beet, Crimson Globe. A very handsome Beet. May be grown for early or main crop. Globe shape and very smooth and free from rootlets. Of medium size, with dark leaves on slender stems. The flesh is of exquisite tenderness without any stringiness, and of a deep crimson color, ringed in a most beautiful way. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $2.00,** postpaid.

—Crosby's Egyptian. One of the best market garden varieties, especially for early transplanting. A careful selection from the original flat Egyptian, but of a more desirable shape, being thicker. The color is a deep dark red; flesh sweet, smooth, tender and excellent quality. It is a very early, fast grower to good size. Most desirable for early markets, as its good shape and size give it a very enticing appearance. Our stock is very select. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $1.65,** postpaid.



Detroit, or Select Early Blood Turnip. This is the finest type of this popular variety. Tops small, upright in growth. Leaves dark green, shaded with red. Root medium sized, globular, or nearly round, very smooth and of dark blood-red color. Flesh is deep vermilion-red, zoned with a lighter shade of the same color. Very desirable for bunching. It is unsurpassed in quality. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $2.00,** postpaid.

—Extra Early Flat Egyptian. One of the earliest of good quality, and medium size, a fine forcing variety; a small top, a great favorite with market gardeners. Flesh dark purplish red, zoned a lighter shade. We have an exceptionally fine strain of this variety and recommend it very highly. It is one of our best sellers. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $1.65.**

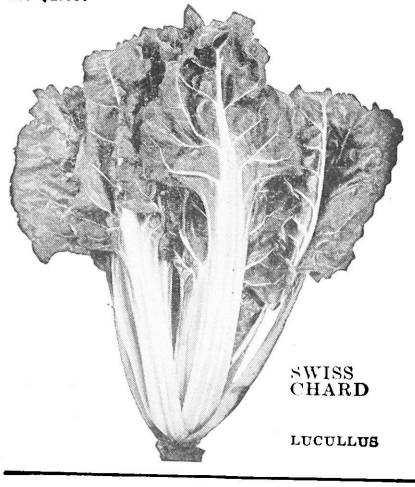
—Steele, Briggs' "Dandy" Egyptian. If asked to name the ideal Beet for the home garden, we would unhesitatingly name **"Dandy."** This is an improvement on the old type; the flesh is a rich blood red, never stringy and always sweet and tender. Whether you grow for home use or market you will find this variety unsurpassed. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $2.00,** postpaid.

—Early Eclipse. Very early, globe-shaped; flesh dark, tender, and of desirable quality. **Pkt. 10c, oz. 15c, ¼-lb. 45c, 1 lb. $1.35,** postpaid

—Edmand's Early Blood Turnip. The best of American origin, and very uniform. The root is always smooth, round and handsome, tops small, of good marketable size and among the best for table use, color dark red, flesh purplish red, crisp, tender and sweet. An excellent keeper **Pkt. 10c, oz. 15c, ¼-lb. 45c, 1 lb. $1.35,** postpaid.

—Half-long Blood. Red, flesh-pink zones, sweet and tender; roots smooth, fine even shape. **Pkt. 10c, oz. 20c, ¼-lb. 55c, 1 lb. $2.00,** postpaid

—Long, Smooth, Deep Blood Red. An excellent late variety. Great improvement on Common Long Blood. **Pkt. 10c, oz. 15c, ¼-lb. 45c, 1 lb. $1.35,** postpaid.



SWISS CHARD

LUCULLUS

Spinach Beet or Swiss Chard

Swiss Chard produces more food for the table than almost any other vegetable. Grown for its large, succulent, tender leaves and stems. The young leaves are boiled for "greens" same as spinach. They can be used all summer when spinach is not available. Later the stems get very broad, flat and pure white, and are delicious served as asparagus, or made into pickles. Our strain is **Curled Leaves, Silver Ribbed Lucullus. Pkt. 10c, oz. 30c, ¼-lb. 80c, 1 lb. $2.40,** postpaid.

Note **You need and want the highest quality beet seed you can get for market crops or for the home garden. Steele Briggs' Beet Seed is bred and carefully selected to give you real satisfaction, beet seed which, when planted, makes the smoothest, cleanest, finest formed beets that can be grown.**

The public does not appreciate, plant and use beets as much as it should. Sown thickly the young plants when thinned out make splendid "greens." Planted any time up to September 15th they make splendid young beets for fall and early winter use.

Cabbage

FRENCH, CHOUX, ITALIAN, CAVOLO CAPPUCCIO. For early use sow in a hot-bed in February or March. For late crop sow in a nursery bed, May or June, and transplant as soon as the plants are 5 or 6 inches high. A mixture of salt and hardwood ashes applied to the hill when planting is excellent for promoting growth and keeping down the maggot. Good seed, deep rich soil, plenty of manure, thorough cultivation. One ounce of seed will raise about 2,000 plants. **Prices except where noted, Pkt. 10c, oz. 70c, ¼ lb. $2.00, postpaid.**

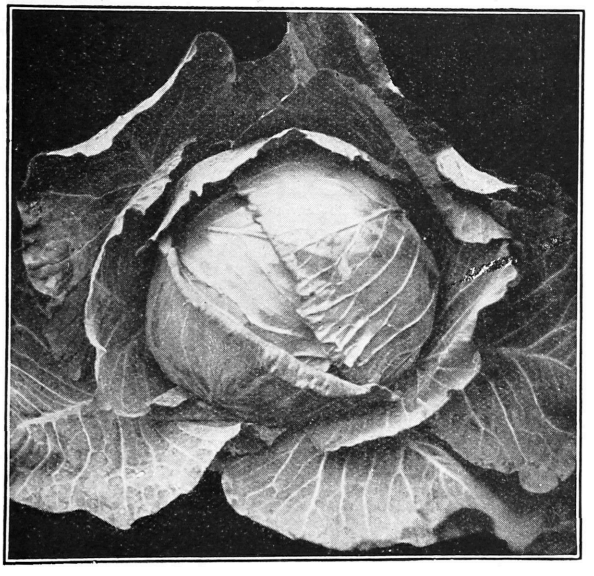
Golden Acre. This is an early, round-headed Cabbage which closely resembles Copenhagen Market, in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed Cabbage. **Pkt. 25c, oz. $1.75.**

—**"Copenhagen Market."** An extra early round-headed cabbage of exceptional merit. Very popular with market gardeners. The heads are medium large, round and slightly flat on top, very hard, firm and solid, with very little core, and of excellent quality. Outside leaves are rather small, inner leaves folding closely over the head, stem short. **Pkt. 10c, oz. 90c, ¼ lb. $2.75 postpaid.**

—**All-Head Early.** One of the earliest of large cabbages, being at least a week earlier than Early Summer, larger and produces uniform solid heads, short stemmed, flat headed, deep and uniform in size and shape.

—**Early Winningstadt.** One of the best cabbages for general use. Heads of medium size, regularly conical, solid and of excellent flavor.

—**Early Jersey Wakefield.** The earliest and surest heading of the first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Plant compact with few outer leaves, which are smooth and thick. Heads of medium size, solid, uniformly pointed, and of excellent quality. The habit of growth and hardiness make it most desirable for early planting.



COPENHAGEN MARKET

Late Varieties

—**Danish Ball Head.** (SHORT STEM). Very hardy, handsome, very solid, of fine quality and as one of the very best keepers it is particularly desirable for distant markets or for late spring use. The plant is vigorous, compact growing, with shorter stems than most sorts and exceedingly hardy in resisting cold and dry weather. The outside leaves are few but rather large, thick, smooth, bluish-green covered with whitish bloom. The head is medium sized, round, very solid and stands shipment better than any other late sort. **Pkt. 10c, oz. 75c, ¼-lb. $2.25.**

—**Premium or Late Flat Dutch Drumhead.** A very fine standard variety, produces large oval to flat-shaped heads, very firm and of excellent quality; splendid winter keeper. **Pkt. 10c; oz. 60c; ¼ lb. $1.75, postpaid.**

Steele Briggs' Chester King

Heads handsome, borne on short stems, medium size, solid round, and as hard as they can be, and of a bluish-green color, the quality is fine and flavor excellent, heads when open being crisp and white. It is very sweet flavored, keeps well, is good for shipping. **Pkt. 10c, oz. 75c, ¼-lb. $2.25, postpaid.**



CABBAGE GOLDEN ACRE

Second Early Varieties

Fottler's Improved Brunswick. A second early variety of superior quality of large, uniform size, a good header.

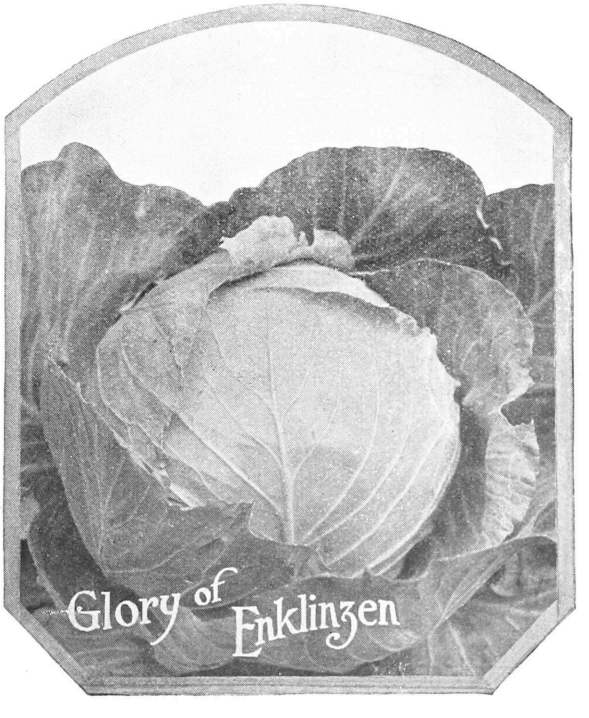
—**All Seasons.** One of the largest and most desirable of the second early sorts. Plants vigorous. Heads very large for so early a variety, nearly round or somewhat flattened, solid and of the best quality. Adapted for autumn as well as early summer use. Remains an exceptionally long time n condition for use. Sometimes sold as Vandergaw.

—**Succession.** Follows ten days after Early Summer, forming more solid heads, while it can be planted nearly as closely.

—**Early Summer.** An excellent second early, large roundish to flat-heading, short stemmed variety; two weeks later than the Wakefield, of solid, handsome and compact growth. A favorite with market gardeners, and valuable for family use.

—**Charleston or Large Wakefield.** A strain in which the plant is larger and a little later than Early Jersey Wakefield, the head being fully as solid but less pointed and considerably larger. Leaves rather large, smooth and comparatively thick.

—**Glory of Enkhuizen.** It is a valuable sort on account of its earliness, large size and fine keeping quality. The heads are of nice size for market, weighing about 9 to 11 pounds each, globe-shaped and handsome dark green in color. For an early sort, the heads are unusually firm and solid. The leaves are fine ribbed, tender and of extra quality. The outer leaves set close, permitting the planting of more heads to the acre, thus increasing the yield. **Pkt. 10c, oz. 75c, ¼ lb. $2.25, postpaid.**





DANISH BALL HEAD

Cabbage

Steele, Briggs' "Kildonan"

A LATE SECOND EARLY

Makes enormous heads, which get solid towards close of the growing season weighing often 20 to 25 lbs. each.

—**"Kildonan"** may be sown in the open about the middle of May. If wanted earlier, better to start the seeds in a hot-bed. It grows on a short stem, the heads are large, flat, solid of handsome form and color, and the quality first class. Whether wanted for early, main crop or late use, it is a sure header at all seasons. **The Genuine Stock is obtainable from STEELE, BRIGGS' only, Pkt. 10c, oz. 70c, ¼-lb. $2.00**

Red Cabbage

—**Mammoth Red Rock.** A large-growing and selected strain of the late Red Cabbage. The heads will average 10 lbs. each. Heads flat with large spreading outside leaves. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

—**Dark Red Early Dutch.** Forms very hard, round heads of a deep red or purple color. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

Savoy Cabbage

Steele, Briggs' Chester." Considered the finest Savoy in cultivation; heads solid, large, uniform, deeply savoyed and curled. Plants are of strong growth, having a moderate number of outer leaves, growing closely about the large, solid, round heads. The heads are beautifully blanched and of the very finest flavor. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

—**Drumhead Vertus.** The largest of the Savoys, dark green leaves, fine keeper. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

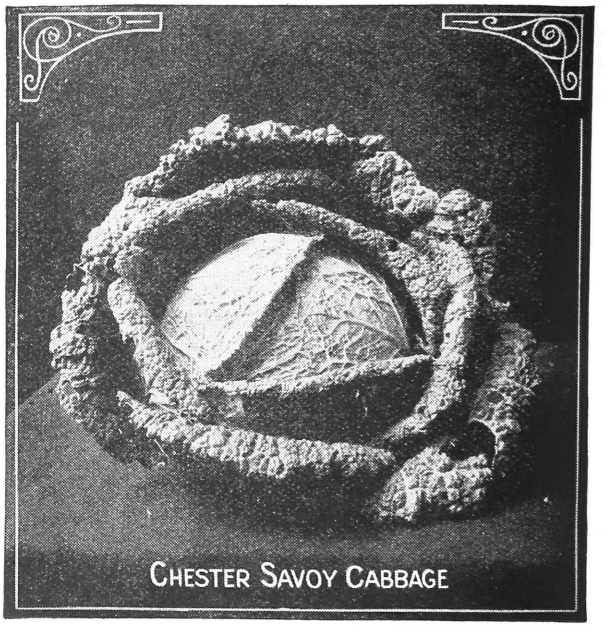
—**Green Globe Savoy.** Heads large and rather loose, tender and pleasant flavor, leaves very finely curled, very hardy. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75.**

Chinese Cabbage—Pe-Tsai

It should oe grown like a late Cabbage, planting in July, as early plantings run quickly to seed. The seed is sown in drills 16 to 20 inches apart and the seedlings trimmed two or three times. We offer the true Pe-Tsai or Chinese Cabbage, which has been known and cultivated in China fo many years. Pe-Tsai produces beautiful crisp celery-like heads that blanch easily and that resemble a giant Cos Lettuce. As a salad it rivals the finest lettuce, while cooked like cabbage or spinach it makes delightful "greens." **Pkt. 10c, oz. 60c, ¼ lb. $1.75,** postpaid.

New Chinese Cabbage "Chihli"

The best of the Chinese Cabbages, the earliest and most sure to head. This exceptionally fine vegetable is rapidly growing in public favor. Its growth resembles the Cos lettuce, but the outer leaves have the general texture of ordinary cabbage. When the outside leaves are stripped away the cabbage presents a well nigh irresistible appearance. Our strain of this seed is grown in China by a specialist whose family has raised and selected this particular type for many years. Note the compact , tightly folded leaves in our illustration and their beautiful white crispness. The heads blanch without tying. July is the proper planting time. **Pkt. 15c, oz. $1.00**



CHESTER SAVOY CABBAGE

Chicory

FRENCH, CHICOREE. ITALIAN, CICORIA SELVATICA. Sow Chicory seed in spring in drills half-inch deep, and in good mellow soil: the after culture is the same as for carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The roots are cut and dried, and then roasted for adulteration with coffee. An ounce will sow about 100 feet of drill, and from 2 to 3 lbs. an acre.

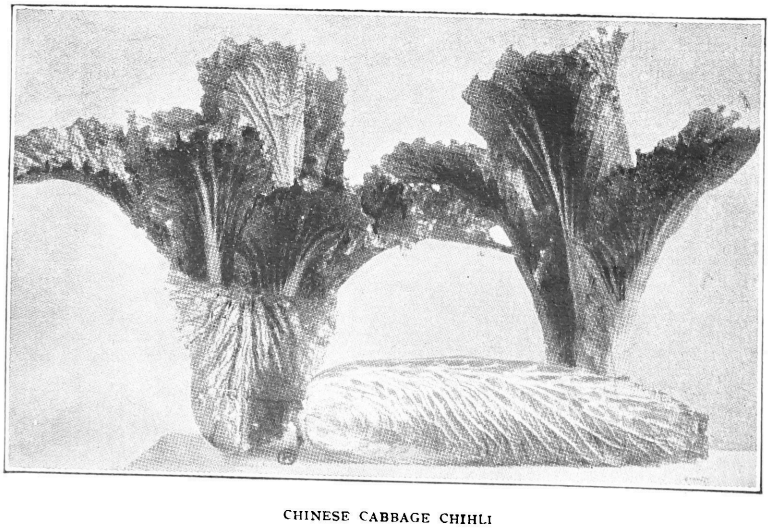
Chicory, Large Madgeburg or Coffee. Pkt. 10c, oz. 50c, ¼-lb. $1.40, postpaid.

Curled Chervil

FRENCH, CERFEUIL ITALIAN, CERFOGLIO.

Its aromatic leaves somewhat resemble parsley and by many considered superior to it in flavor. The young leaves are used in soups and for flavoring and garnishing meats and vegetables.

Sow in early spring in rich, well prepared soil. The seed is slow to germinate, sometimes remaining in the earth four or five weeks before the plants appear. When the plants are about two inches high, transplant or thin to about one foot apart. They are ready for use in six to ten weeks from sowing. **Pkt. 10c, oz. 50c, ¼-lb. $1.50.**



CHINESE CABBAGE CHIHLI

Endive

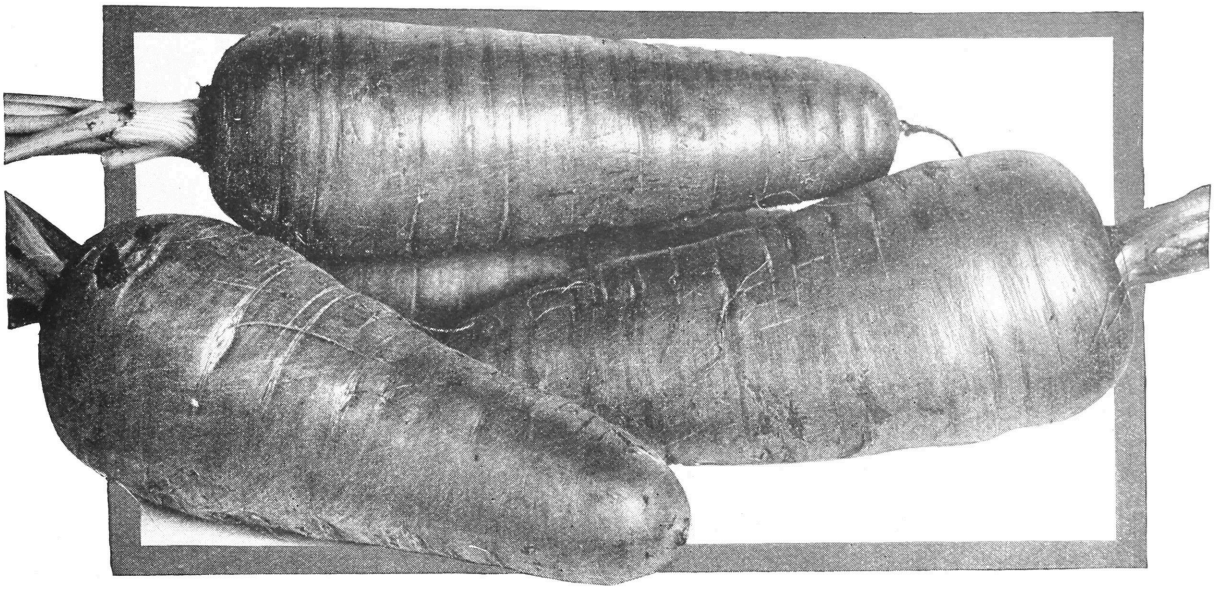
FRENCH, CHICOREE, ITALIAN, INDIVIA. An excellent salad plant, available long after the season for Lettuce, and more easily grown. The flavor is pleasantly bitter, stimulating and zest-giving. Is used also boiled as greens.

Endive, Extra Green Curled. Dark Green leaves which blanch white, crisp, tender. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—**Broad Leaved Batavian (Escarolle.)** One of the best varieties for salads; leaves of upright growth, broad, more or less twisted and waved; bright deep green with a white mid rib, inner leaves blanch a creamy white. **Pkt. 10c, oz. 35c, ¼-.lb $1.00,** postpaid.

SLUG SHOT—HAMMONDS

One of the best known remedies for destroying cabbage worms. Can also be used to splendid advantage on almost all soft-shelled insects that infest the garden. See Insecticide Page.



CARROT CHANTENAY

Carrot

FRENCH, CAROTTE. ITALIAN, CAROAT. Carrots to grow to perfection, require a rich, deep sandy loam, well pulverized and deeply cultivated. For an early crop, sow in May and June, in drills about one foot apart, thinning to 4 inches in the row.

One ounce will sow 100 feet of drill, two to three pounds for one acre.

Carrot, Chantenay

As a table variety, it is first-class. Flesh is of a beautiful, rich orange color and of the finest quality. It is a medium early half long stump rooted sort, roots about 6 inches long, very thick and smooth with small tops. **Pkt. 10c, oz. 25c, ¼-lb. 80c, lb. $2.35.**

Guerande, or Ox Heart

Specially adapted to hard stiff soils that longer rooted sorts will not thrive in. Roots are short and very thick, terminating abruptly in a small tap root. Flesh orange, fine grained and sweet. **Pkt. 10c, oz. 25c, ¼-lb. 80c, lb. $2.35.**

Half-Long Scarlet Nantes

Stump rooted. Tops medium; roots cylindrical, smooth, bright orange, of medium size; flesh orange, becoming yellow in centre, but with no distinct core; very uniform in type and of extra fine quality. **Pkt. 10c, oz. 25c, ¼-lb. 80c, lb. $2.35.**

Danvers Half-Long

A half-long orange carrot, grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, roots of medium length, six to eight inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of good quality. **Pkt. 10c, oz. 25c, ¼-lb. 80c, lb. $2.35.**

Celery

FRENCH, CELERI. ITALIAN, SEDANO. Sow in the open ground in April, and keep clear of weeds until the time of planting in June and July. Plant in rows 3 feet apart and 6 inches apart in rows. After planting, nothing further is to be done for 6 or 7 weeks, except running between the rows with the cultivator or hoe and freeing the plants from weeds. In August begin the "earthing-up" necessary for blanching.

Easy Blanching

The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second early variety, as it is ready for use to follow Paris Golden Self Blanching. **Pkt. 10c, oz. 75c, ¼-lb. $2.00.**

Celery, Steele, Briggs' Paris Golden Yellow

(Selected Stock Original Dwarf Strain). Plants of a yellowish green color when young but, as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness and fine nutty flavor make it a standard of excellence as an early sort. **Pkt. 25c, ¼-oz. 75c, ½-oz. $1.25, oz. $2.25.**

Paris Golden Yellow Self-Blanching

(New Giant Strain). (See Specialties, page 5). **Pkt. 25c, ¼-oz. 75c, ½-oz. $1.25, oz. $2.25.**

Golden Plume (or Wonderful)

This new strain of Celery closely resembles the old Golden Self-blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures rather earlier and shows less tendency to blight or crown-rot. **Pkt. 25c, ¼-oz. $1.25, ½-oz. $2.25, oz. $3.50.**

Steele, Briggs' Selected White Plume

The stalks, heart and portions of inner leaves are white naturally and "earthing-up" completes the blanching perfectly. Looks well on the table; is crisp, succulent and fine flavored. **Pkt. 10c, oz. 75c, ¼-lb. $2.00.**

Giant Pascal

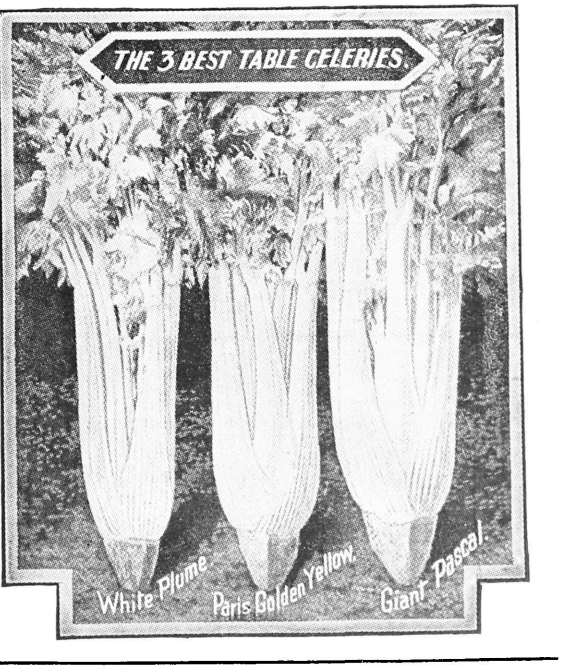
Not early. It blanches very quickly, after earthing-up, to a beautiful yellowish-white color; is very solid and crisp, and a nutty flavor. The stalks grow broad and thick. **Pkt. 10c, oz. 75c, ¼-lb. $2.00.**

London Prize Red

One of the best of its color, of good size and of the finest quality, with a nutty flavor. **Pkt. 10c, oz. 75c, ¼-lb. $2.00.**

Celeriac or Turnip Rooted Celery

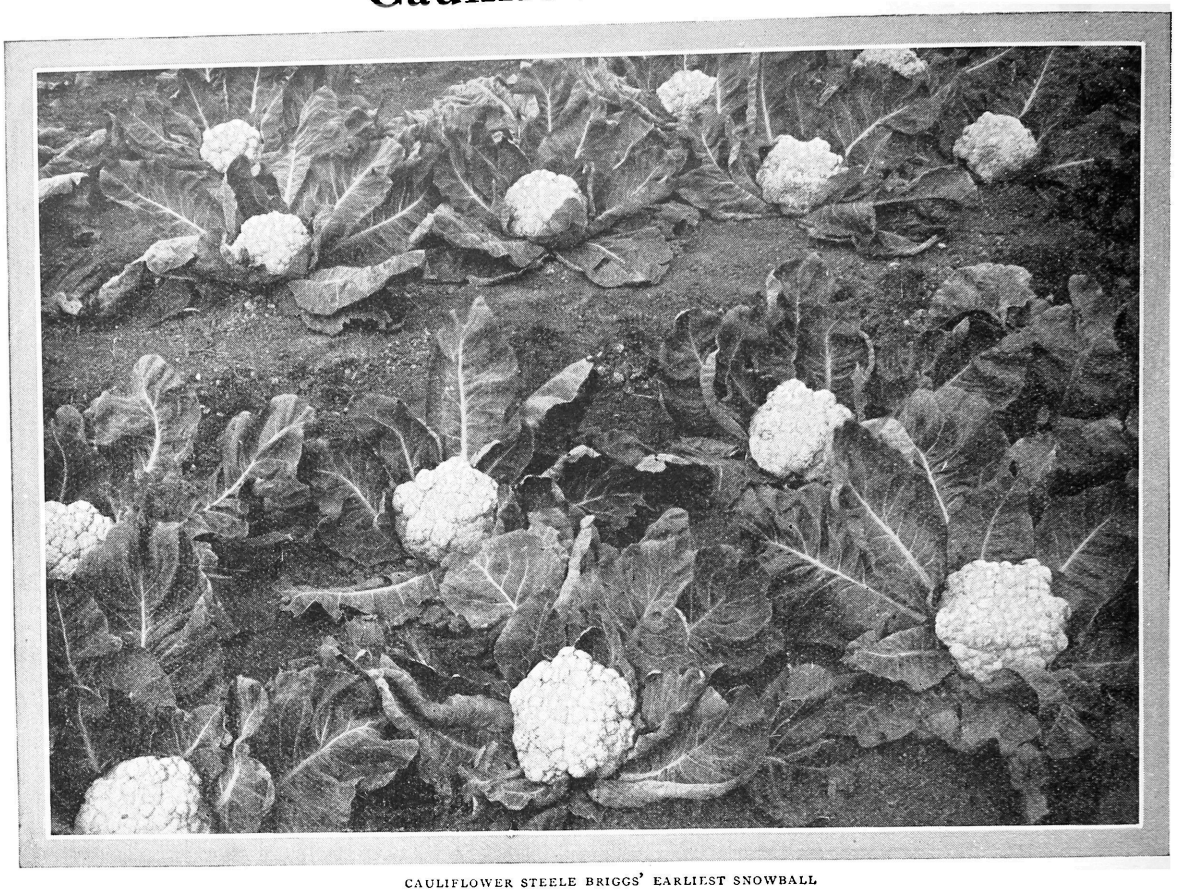
A variety of Celery with turnip-shaped roots, which are white-fleshed and have the flavor of Celery stalks. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**



Davis Bros., London, Ont. won the Celery King contest at Syracuse in 1927 with celery grown from Steele, Briggs' Seeds.

Cauliflower

FRENCH, CHOU FLEUR
ITALIAN, CAVOLOFLORE



CAULIFLOWER STEELE BRIGGS' EARLIEST SNOWBALL

Start the seed in hot-bed from April 5th to 10th, and when large enough transplant to cold frame, setting out in the garden as early in June as safe. If the cold frame is not used, it is well, after taking the plants from the hot-bed to lay them together in a shady, damp place for two days before planting out. This will generally prevent wilting. The soil should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture and keep free from worms with Hammond's Slug Shot. For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it either in early summer or late fall. Although nine-tenths of the cauliflowers grown in this country are produced without it, frequent and abundant watering is so beneficial that it pays well for the labor it costs. After the heads begin to form draw the leaves over them and pin or tie them together to protect the heads from the sun and keep them white. **Owing to the seeds of some varieties being very expensive there is a great temptation to use the cheaper sort.** We think it well, therefore, to caution our customers to use only the best—the crop tells.

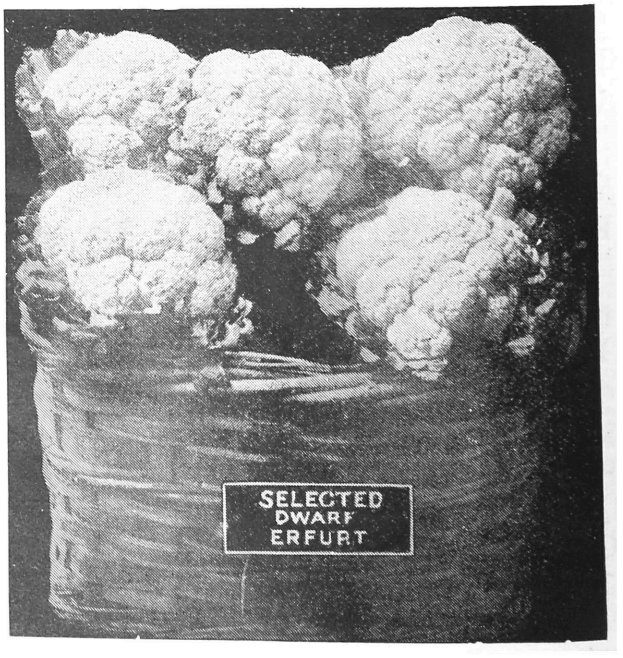
STEELE, BRIGGS' "EARLIEST SNOWBALL". This strain of high pedigree has given universal satisfaction. **We have numerous testimonials from leading market gardeners** as to its merits. In our comparative trials in open field tests it has taken the lead every year since introduced. The plants are compact with narrow upright leaves, well suited for close planting. **The heads are solid, compact, round, very white and of fine quality.** A very sure heading strain; recommended for forcing as well as open ground use. Sold only in **sealed packages. Pkt. 25c, ¼-oz. $1.50, oz. $5.00.**

—EARLIEST SELECTED DWARF ERFURT. One of the leading early varieties, small leaved, dwarf, for forcing and outside growth, producing very solid, pure, white heads of the finest quality. **Pkt. 25c, ¼-oz. $1.50, oz. $5.00.**

—EARLY SNOWBALL. More extensively grown than most other varieties, both for forcing or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid compact head. For these reasons it is growing more and more in favor for planting for the late summer and fall crop, about 5 days later than Steele, Briggs' Earliest Snowball. **Pkt. 25c, ¼-oz. $1.50, oz. $5.00.**

—HALF EARLY PARIS OR NONPAREIL. A good autumn sort, used largely for pickling purposes. **Pkt. 10c, ¼-oz. 80c, oz. $2.50, postpaid.**

—Lenormand's Large, Short Stemmed. Heads large, white, well formed and compact, of good quality, very hardy, semi-dwarf, producing many large leaves. **Pkt. 10c, ¼-oz. 80c, oz. $2.50.**



Egg Plant

FRENCH, AUBERGINE: ITALIAN, PETRONCIANO. Sow in a gentle heat about first of April. Transplant about the middle of June, setting the plants 3 feet apart. One ounce to 1,500 plants.

—Black Beauty. An egg plant from ten to twelve days earlier than New York Spineless. The fruits are broad, thick, very attractive in form, and of good flavor. **Pkt. 10c, oz. $1.00.**

Corn, Sweet or Sugar

Fr., Mais. **40 lbs. per bushel.** All the varieties of Sweet or Sugar Corn may be either sown in rows 4½ feet apart, and the seeds placed about 8 inches apart in the rows, or planted in the hills at a distance of 3 or 4 feet each way, according to the variety grown or the richness of the soil in which it is planted. Cultivate often and thoroughly. One pound of seed plants 100 hills. One peck (10-lbs.) will plant an acre.

Prices for the following varieties (except where noted), pkt. 10c, ¼-lb. 20c, lb. 50c, 5 lbs. $2.10, postpaid; by express at purchaser's expense, lb. 40c, 5 lbs. $1.60.

Early Varieties

Pickaninny.—An introduction by the Central Experimental Farm, Ottawa. It is the earliest Sweet Corn and is of excellent flavor. Its purplish-black color is against it until people have had a meal of it, and then the color is a very secondary consideration. **Pkt. 15c; ¼-lb. 25c; lb. 80c, 5 lbs. $3.25 postpaid;** by express at purchaser's expense, **5 lbs. $2.75.**

Banting Corn

A splendid new, very early, Yellow Sweet Corn, introduced by the Dominion Horticultural Division of Ottawa. It gives promise of becoming a real table acquisition and a popular variety for the home Garden. It is remarkable for its earliness, being ready almost as soon as Pickaninny. The color is a rich golden; the ears are of fair length—many being as long as Golden Bantam. The ears carry eight and some ten and twelve rows. Quality good; flavor decidedly sweet. **Pkt. 15c; ¼-lb. 25c; b. 80c, 5 lbs. $3.25 postpaid;** by express at purchaser's expense **5 lbs. $2.75.**

—Extra Early Mammoth White Cory. One of the best extra early varieties either for the market garden or home use. The stalks grow about 4½ feet high and usually bear two large sized ears, twelve rowed and six to seven inches long, symmetrical close grained and of excellent quality.

—Extra Early Golden Bantam. Is dwarf in growth, the stalks averaging four feet in height, the ears are from five to seven inches in length, but what it lacks in size is fully made up in **productiveness** and **quality.** "Golden Bantam" is so named because the grain, when ready for use, is a **creamy yellow,** deepening to orange-yellow as it ripens. A single trial of its splendid quality soon convinces one that Golden Bantam **is actually the finest flavored of all the sweet corn.** The most popular corn on the market; excellent yielder. **Per pkt. 10c, ¼-lb. 20c,** lb. **55c, 5-lbs., $2.30;** by express at purchaser's expense, **lb. 45c, 5 lbs. $1.80.**

Whipple's Early Yellow

A wonderful early yellow sweet Corn that should prove a favorite for the market as well as home garden. The ears are very large, 8 to 9 inches long, having 12 to 16 rows of deep kernels. The quality is very fine. Its large size and earliness should make it a desirable acquisition for the home garden. **Pkt. 15c, ¼ lb. 25c, 1 lb. 80c, 5 lbs. $3.25, postpaid.** 5 lbs. by express at customer's expense, **$2.75.**

—"Golden Giant." Is twice as large as the well-known Golden Bantam Sweet Corn, but has all the good qualities of that variety. "Golden Giant" is the result of fourteen years' patient and intelligent selection from the product of Howling Mob crossed with Golden Bantam, and is the sweetest, most tender and juicy of all varieties. Two or three ears are produced to the stalk and the cob is of small diameter, carrying twelve to eighteen rows of long thick grains, which are of a deep orange color and fill the entire surface of the cob. Price, **pkt. 15c, ¼-lb. 25c, lb. 80c, 5 lbs. $3.25;** by express at purchaser's expense, **lb. 70c, 5 lbs. $2.75.**

—"Howling Mob." The stalks are usually about 5 feet in height and produce early in the season two splendid ears to a stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk, affording protection from the green worms which so often are destructive to early varieties. There are 12 to 14 rows of good sized white kernels of exceptionally fine quality. **Per pkt. 10c, ¼ lb. 20c, lb. 55c, 5 lbs. $2.30;** by express at purchaser's expense, **lb. 45c, 5 lbs. $1.80.**

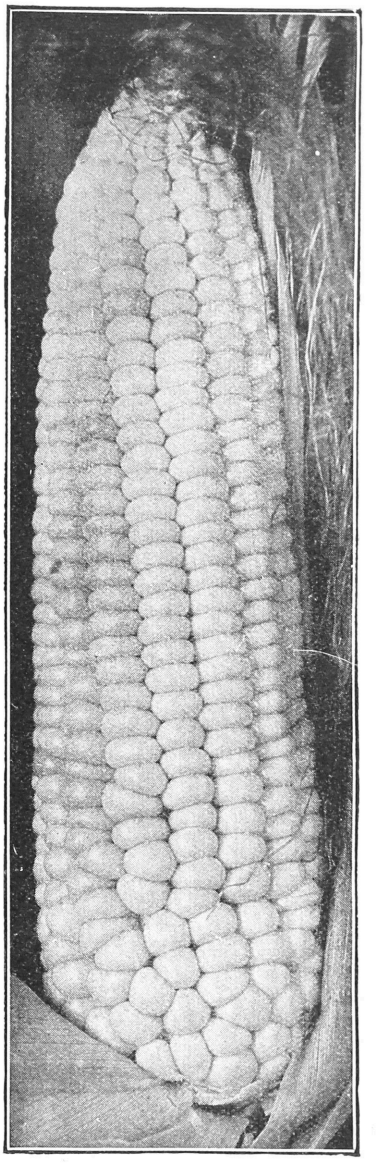
—Black Mexican. Ears well filled with eight rows of large, rather flat grains, which are deep bluish purple, cooks white, however, and is of **superlatively sweet flavor.**

Corn, Bantam Evergreen. A cross between Golden Bantam and Stowell's Evergreen. A most excellent sort of fine quality. Ears 8 inches long, 12 to 14 rowed. Matures same time as "Howling Mob." Grain broad and deep and of a rich golden yellow color. Price, **pkt. 10c, ¼-lb. 20c, lb. 55c, 5 lbs. $2.30 postpaid;** by express at purchaser's expense, **lb. 45c, 5 lbs. $1.80.**

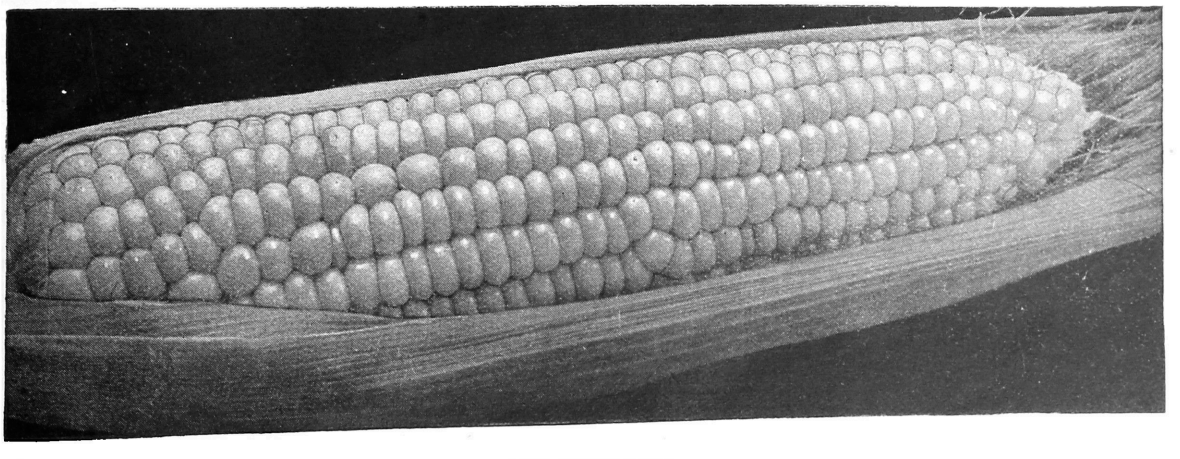
Late or Main Crop Varieties

Corn, Country Gentleman. A remarkably delicious Corn for family use. Its long, small, milky kernels are full of sweetness; cob small, corn white and tender, rather late in maturing. **Pkt. 10c, ¼ lb. 20c, lb. 55c, 5 lbs. $2.30, postpaid;** by express at purchaser's expense, **lb. 45c, 5 lbs. $1.80.**

—Stowell's Evergreen. The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. **Pkt. 10c, ¼-lb. 20c, lb. 55c, 5 lbs. $2.30,** postpaid; by express at purchaser's expense, **lb. 45c, 5 lbs. $1.80.**



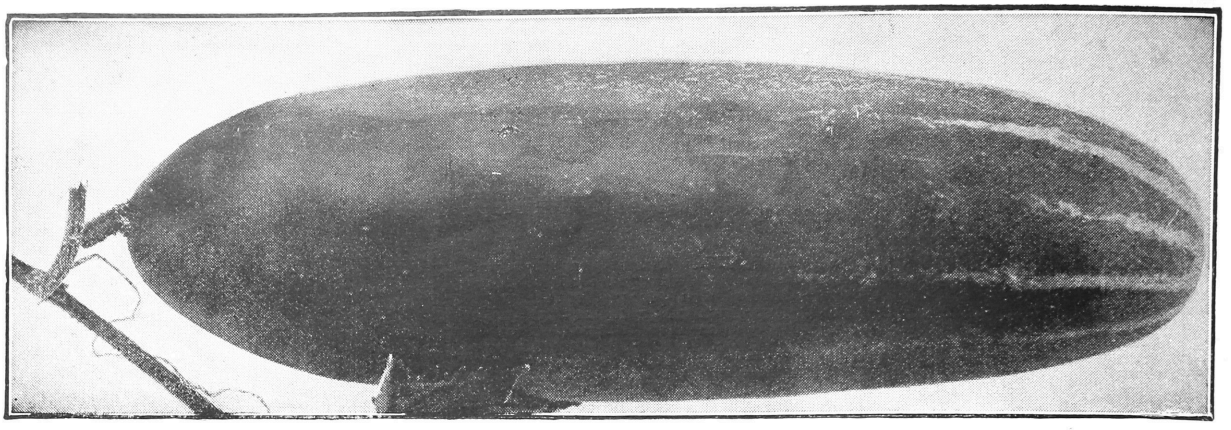
MAMMOTH WHITE CORY



CORN GOLDEN GIANT

Cucumber

FRENCH, CONCOMBRE, ITALIAN, CETRIOLO.
1 Oz. for 50 hills; 2 to 3 lbs. in hills for an acre.



For very early Cucumbers, sow seed the first of April in a hot-bed, upon pieces of sod (grass side down) so that they may be readily transplanted to the open ground in rich soil when the danger of frost is over, or protected by hand glasses. For general use plant when the weather has become settled and warm, in hills about 4 feet apart each way: thin out four of the strongest plants to each hill; they succeed best in warm, moist, rich loamy soil: continue planting at intervals for a succession. For pickles, plant from June until middle of July. **Prices of the following are carriage paid. Pkt. 10c, oz. 25c, ¼-lb. 75c, lb. $2.25.**

Cucumber **Steele, Briggs' "Perfection."** In color, it is a dark, glossy green, symmetrical shaped, with a white spine, and showing a little white at the flower end; growing to an average length of from 10 to 12 inches. It holds its color until nearly ripe.

—Steele, Briggs' Improved Long Green. The leading variety of Long Green Cucumbers; 12 to 16 inches long, of excellent quality, dark green, firm, and crisp.

—Giant Pera. This magnificent variety is of the most delicious flavor; flesh white, very crisp and tender at all stages.

—Paris Prolific Pickling. A very desirable sort. The fruit is very long, slender, cylindrical; densely covered with fine prickles, and deep rich green in color. Very crisp and tender. **Pkt. 10c, oz. 30c, ¼-lb. $1.00, lb. $3.00.**

—"Cumberland." This variety of the hardy White Spine type is a rapid, strong grower, and is very prolific in fruit. The flesh is firm, very crisp and tender.

—Steele, Briggs' Evergreen. Different from the ordinary and popular White Spine color; it retains a deep green color in all stages of its growth; produces extra long, smooth shaped fruit; very prolific, flesh white, tender and crisp.

—Japanese Climbing. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens. **Pkt. 10c, oz. 30c, ¼-lb. $1.00, 1 lb. $3.00.**

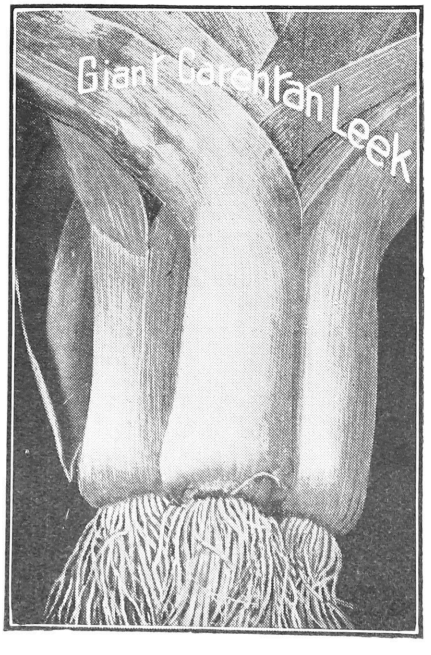
Forcing or Frame Cucumbers. For greenhouse or hot-bed; very handsome both in form and color; attain a length of 20 to 30 inches. **Rollinson's Telegraph, pkt. 25c. Rocnfora's Market, pkt. 25c.**

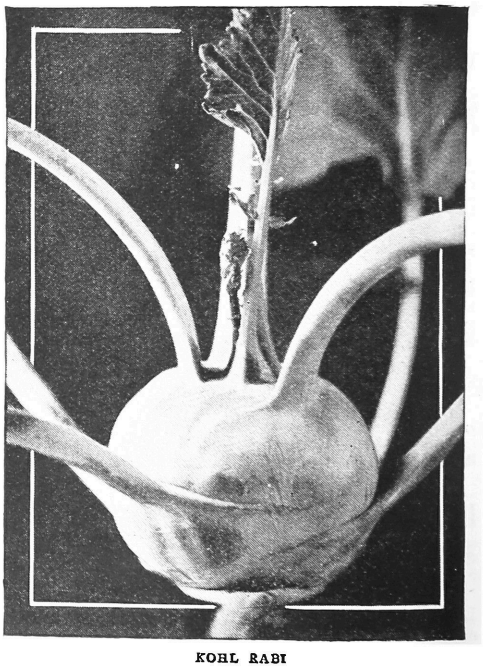
Kohl Rabi FRENCH, CHOU RAVE. Kohl Rabi is sown for general crop in the spring like the turnip, in drill, or may be transplanted like the cabbage. For winter table use sow in the middle of June. The stem, just above the surface of the ground, swells, into a bulb something like a turnip.

Kohl Rabi, Early White Vienna. Green top, white flesh, popular, handsome, good flavor. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

—Early Purple Vienna. Differs from preceding only in color. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

Leek FRENCH, POIREAU. The Leek is of the onion family, is very hardy, of easy culture and succeeds best in light, rich soil. Sow early in April, in drills one foot apart and one inch deep. When the plants are 6 to 8 inches high, transplant in deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible so that the neck may be covered and blanched; draw the earth to them as they grow. One oz. will sow about 100 feet of drill.





KOHL RABI

Leek, London Broad Flag. Large and strong with broad leaves growing only on two sides like the flag. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—Giant Carentan. The largest variety, often 3 inches in diameter and becoming very white and tender; a very hardy sort. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

PUTTING THE BEST FOOT FORWARD

To grow the best vegetables and flowers should be the ambition of every gardener. Good seed, good soil and all conditions favorable help, but attention to a few prime essentials makes all the difference between poor results and complete success.

Cultivation is of prime importance. Careful and continuous working of the soil keeps it warm, moist and free from weeds.

Good well-rotted manure, judiciously applied and thoroughly worked into the soil before seeding supplies plant food, while **artificial fertilizers may be used as stimulants** when necessary.

Thinning out is another point, of which one must not lose sight. Fine thick rows of seedlings look so nice that they unconsciously influence the grower to delay the thinning process until too late. If a large and satisfactory yield is desired the gardener must be hard hearted. A start should be made just as soon as the plants are up, and thinning should be rigorously carried out until the correct distances apart have been reached.

Proper winter storage rounds out the season's work, and insures a goodly supply of vegetables at a time when they are much needed and much relished. For most vegetables the temperature ranging from 34 degrees F. to 40 degrees F. is most favorable. Space does not permit of giving fuller particulars. Most people are, however, fairly familiar with the necessary requirements. Those unfamiliar with this phase of the work may get pamphlets on the subject from the Agricultural Colleges or Experimental Farms.

Lettuce

FRENCH, LAITUE. ITALIAN, LATTUGA. **One ounce will sow 150 feet of drill.** Seeds may be sown in a frame February or March, not much bottom heat being required. The plants may be set out as early as the ground can be worked, as light frost will not injure them. Set in rows about 18 inches apart, leaving 8 to 10 inches between plants. For successive crops, sow every two weeks up to July. Prices, **pkt. 10c, oz. 50c, ¼-lb. $1.50,** postpaid.

Lettuce, Grand Rapids, Forcing. This is one of the best forcing and shipping varieties. It matures quickly, is of large size and handsome appearance, crisp and tender.

—Detroit Market, Forcing. (SEED WHITE). An excellent variety for growing under glass as well as for out-door growing. The plant more compact than the Grand Rapids, is lighter colored and less frilled at the edge.

—Big Boston. A most desirable variety, either for forcing or open ground. Very large and solid: heads well and is a valuable sort. Leaves large bright green, slightly tinged with brown, very fine quality.

—Toronto Gem. The finest market variety to be found. Lightish green in color, crimped, curled and well formed heads of tender quality.

—Nonpareil Cabbage. One of the best in cultivation; color beautiful light yellowish-green; heads well, very tender.

—Prize Head. Leaves tinged reddish-brown, very curly, and of remarkably fine flavor. Grows quickly, and is very brittle.

—Iceberg. A very fine variety for summer use; large, solid heads, crisp and tender; heads very firm, hard, and well blanched; stands the heat well.

—"New York or Wonderful." Immense heads as solid as Cabbage. The interior is beautifully blanched, creamy white, crisp, tender and delicious, being absolutely free from any trace of bitterness.

—Cos or Celery Lettuce, "Trianon." The long and narrow leaves require to be tied, when they soon form solid heads, and quickly bleach to snowy whiteness, become as stiff, crisp and as sweet as celery stalks.

—Paris White Cos. Forms a large, light-green plant with the head well folded and quite solid.

Melon Musk

FRENCH, MELON. ITALIAN, POPONE **One ounce will plant about 50 hills; 6 to 8 lbs. in hills per acre. CULTURE.**—Melons thrive best in a light, rich soil, and sunshine is essential for increasing the sugar content of the melons. When the ground has become thoroughly warm, generally after middle of May, sow seeds in hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Melon vines are ravenous feeders and for best results, a few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about ¼ inch deep. After all danger of bugs is over thin out to three or four strongest plants per hill. A few hills for early use may be had, by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

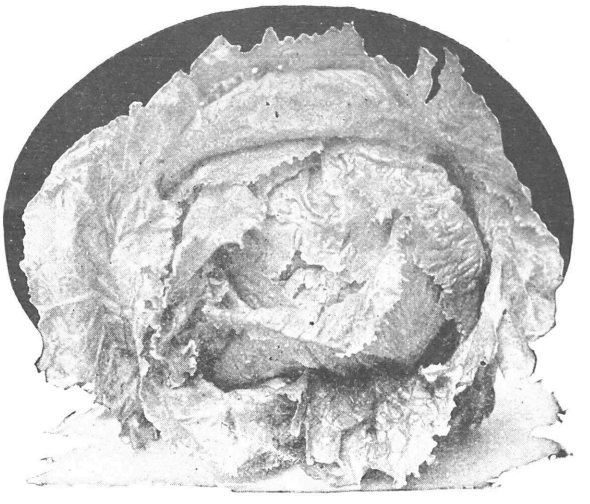
Price, each. Pkt. 10c, oz. 30c, ¼-lb. 90c.

Melon

—Extra Early Knight. An extremely early medium sized melon type. Fruit oblong, distinctly ribbed and closely netted, flesh fairly thick and very sweet, color medium green blending to light pink near the centre.

—Early Hackensack. Flesh Light Green and of delicate flavor.

—Rocky Ford Improved. This delicious Melon is of the Netted Gem type, oval in shape and beautifully netted. Of most delicious flavor; flesh is smooth-grained and light-green colored.



Melon Musk

—Burrell's Gem. It has a thin, tough rind, the ribs of which are closely interlaced with grey netting. The reddish orange flesh is very thick, fine grained and spicy.

—Montreal Large Green. Handsomest Melon possible for exhibition or market. Almost round, deeply ribbed skin green and densely netted, flesh remarkably thick, light green and of a fine flavor.

—Paul Rose. Is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the netting of the Gem.

—"HOODOO." The fruit is of medium size, the seed cavity very small, the rind is very thin indeed and the edible, fleshy part very thick and meaty. It is of orange or salmon color.

—Extra Early Osage. Fruit medium sized, oval, slightly ribbed, dark green in color, banded with light streaks, covered more or less with shallow netting. The flesh is deep salmon color and very thick, the quality is exceptionally fine.

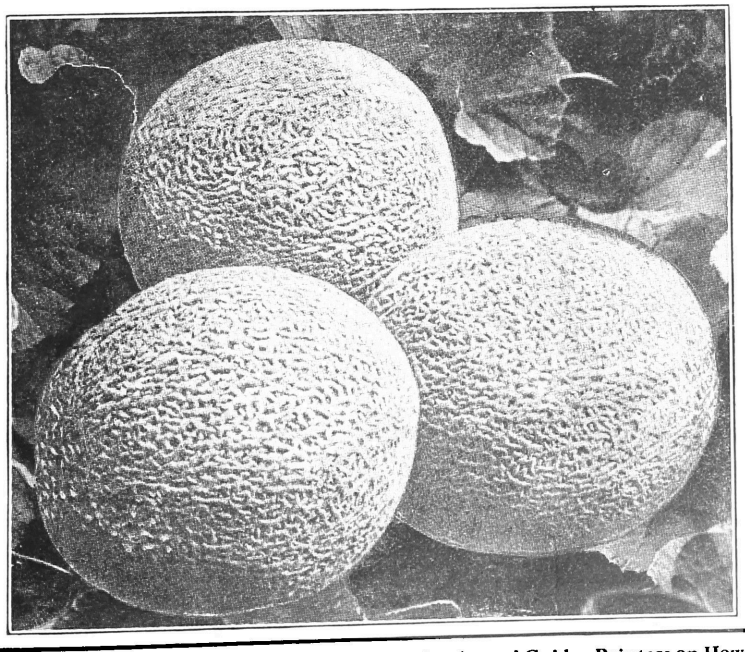
Bender's Surprise. This new melon is a large thick-fleshed, heavily netted fruit. Its flavor is wonderfully sweet with almost no stringiness. It matures early and is an excellent home garden variety.

A Hartland, N.B., Merchant writes:

Dear Sirs:

Thought perhaps you would like to hear of results of some of your seeds I planted this year, Pumpkins weighed 25 lbs., Hubbard Squash 25 lbs., Cucumber were a heavy crop and excellent quality. Sunflowers over 9 ft. high.

I am a very small gardener and never raised Pumpkins or Squash before, although I am in my 80th year. Will try and do better next season, all being well. I may say I forgot to put in fertilizer, where would they have been if I had ?



Citron

(Preserving). Citron, Green. Standard everywhere for making preserves. Striped, round in shape. Makes the most beautiful delicious, clear, transparent preserves. It grows wonderfully prolific. **Pkt. 10c, oz. 25c, ¼-lb. 75c.**

—Colorado Mammoth. This is quite distinct from the ordinary preserving Citron, immensely productive. The flesh is very firm and solid with few seeds. The preserving qualities are the very finest. **Pkt. 10c, oz. 25c, ¼-lb. 75c.**

Melon Water

FRENCH, MELON D'EAU. ITALIAN, MELONE D'AQUA. **Same Culture as Musk Melon, Price of the following varieties. Pkt. 10c, oz. 25c, ¼-lb. 75c.**

Melon, Cole's Early. An early variety of medium size, almost round in shape, green, striped a lighter shade. Thin rind, bright red flesh, of a delicate texture.

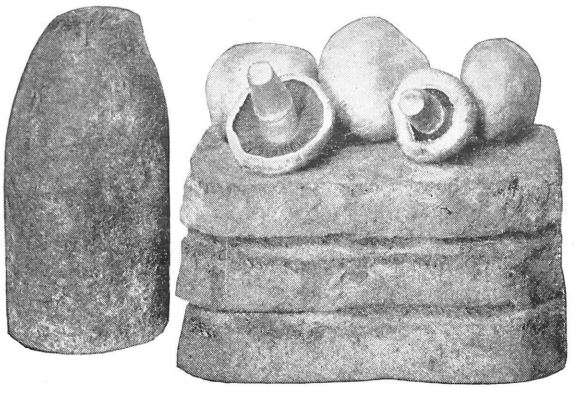
—Peerless. A grand favorite and standard variety. Superior in every respect. Has beautiful crimson core which is always fine grained and cannot be surpassed in flavor.

—Phinney's Early. It is sweet, of good size and very productive. Its market qualities are the very best; flesh is red, sweet and luscious.

—Tom Watson. The vines are vigorous and productive. The flesh is rich red, sweet and tender.

—Forkhook, Early. One of the earliest, of exceptionally large size, nearly round, excellent quality.

—Sweetheart. Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet.



LAMBERTS STANDARD AND SPORE CULTURE SPAWN

Mushroom Spawn

The cultivation of the mushroom is not generally understood. We have so many enquiries regarding cultivation of Mushrooms that we have prepared and published an eight-page pamphlet, written by a practical grower, which gives in a concise form all necessary information for the successful raising of the best Mushrooms. The pamphlet will be sent free to anyone interested.

Lambert's Pure Culture Spawn "Standard." This is an American make of Spawn. It produces Mushrooms of excellent quality and large size. By mail, postpaid, **per brick, 70c, 5 bricks $3.25.** By express at purchaser's expense, **per brick 45c, 5 bricks $2.00.**

—**Lambert's Spore Culture Mushroom Spawn.** Produced from original spore cultures under the new French process which permits the indefinite reproduction of selected varieties. Positively the most vigorous and prolific spawn on the market. Our stock is of the white variety which is the sort generally preferred.

Spore Culture is packed in quart bottles, each bottle being sufficient to Spawn 50 square feet of bed. Price per bottle **$1.50** by Express at purchaser's expense. By Mail postpaid, **$1.75.**

Mustard

Sow thickly in drills 8 to 12 inches apart, in rich, loamy soil covering the seed half an inch deep. When young the leaves are used in salads. Sowing for succession may be from April to July.

Mustard, English, White. The best for salads. Seeds are used for mixing with pickles. **Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00, postpaid.**

—**New Chinese.** The leaves are twice the size of the ordinary White Mustard, flavor sweet and pungent. **Pkt. 10c, oz. 25c, ¼-lb. 75c, postpaid.**

Onion Sets

Special Prices by the Bushel on Application. Prices for Onion Sets are based on market values at time of sale; we therefore are unable to quote bushel prices now. As Onion Sets are liable to injury from frost **we do not send them until safe in spring.**

Yellow Dutch Sets

Our stock is of the best variety—as we grow them ourselves we know just what they are. They are sound, hard, clean and the best size. Onion Sets are planted largely for green onions but they are also grown to produce a big Onion for winter use. **Lb. 35c, 5 lbs. $1.70, prepaid;** by express at purchaser's expense, **lb. 25c, 5 lbs. $1.20.**

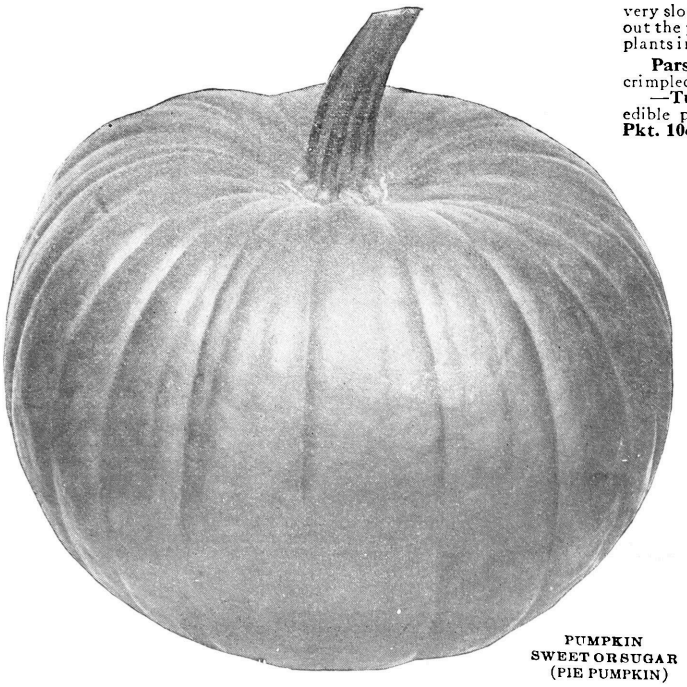
White Dutch Sets

Small, solid, and being pure white produce beautiful silvery green Onions for bunching. **Lb. 40c, 5 lbs. $1.90, prepaid;** by express at purchaser's expense, **lb. 30c, 5 lbs. $1.40.**

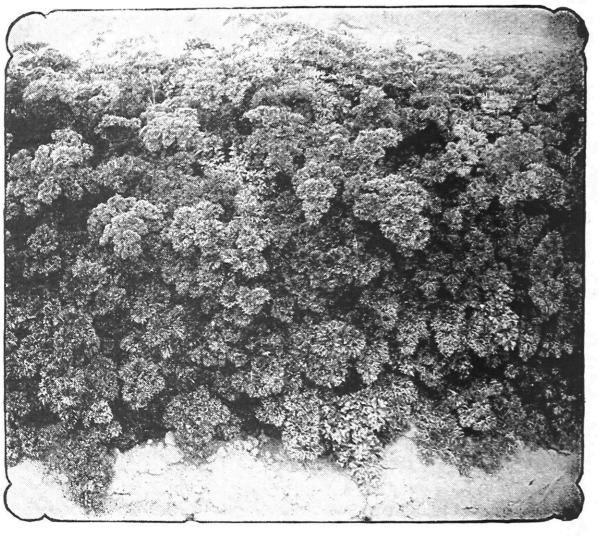
Shallots. Lb. 35c, 5 lbs. $1.70, postpaid; by express at purchaser's expense, **lb. 25c, 5 lb. $1.20.**

English Multipliers or Potato Onions. Lb. 35c, 5 lbs. $1.70, postpaid; by express at purchaser's expense, **lb. 25c, 5 lbs. $1.20.**

Garlic Sets. By mail, postpaid, **lb. 60c;** by express at purchaser's expense, **lb. 50c.**



PUMPKIN SWEET OR SUGAR (PIE PUMPKIN)



CHAMPION MOSS CURLED PARSLEY

Parsley

FRENCH, PERSIL. ITALIAN, PASTINACA. **One ounce for 100 feet of drill.** Soak the seeds a few hours in warm water as they germinate very slowly, and sow very early in the spring in drills 12 inches apart: thin out the plants to 6 inches apart. To have green during the winter, remove plants into a box, and place in light cellar or a cold frame.

Parsley, Champion Moss Curled. Very select stock, leaves crimpled and curled. **Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00, postpaid.**

—**Turnip Rooted.** The roots resemble a small parsnip, and are the edible portion of this variety. It is valuable for flavoring soups, etc. **Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. $2.00, postpaid.**

Pumpkin

FRENCH, POTIRON. GERMAN KUBERIS. **One ounce will plant 15 hills; 1½ pounds for an acre.**

Pumpkin, Japanese Pie. Crook-necked variety, with extremely small seed cavity; nearly all solid meat; quality extra fine. Skin deep green with dark stripes. Productive; ripens early; medium size; good keeper. **Per pkt. 10c, oz. 30c, ¼-lb. 90c.**

—**Jumbo, or Mammoth King.** This is the variety to be grown where "the biggest pumpkin" is wanted. The color of skin is a deep yellow, the flesh being of a lighter shade, somewhat resembling a squash. **Pkt. 10c, oz. 40c, ¼-lb. $1.25.**

—**Grey Mammoth.** A French variety; grows to an enormous size, frequently weighing 100 to 150 lbs.; specimens have weighed 200 lbs. Used mainly for stock feeding. Oblong in shape, of a greyish colored rind and very large seeds. **Pkt. 10c, oz. 40c, ¼-lb. $1.25.**

—**Large Cheese or Kentucky.** One of the best for table use, productive, skin orange, flesh yellow and sweet. **Pkt. 10c, oz. 30c, ¼-lb. 90c.**

—**Sweet or Sugar (Pie Pumpkin).** Small, fine grained and sweet. **Pkt. 10c, oz. 30c, ¼ lb. 90c.**

—**Connecticut Field.** Generally used for planting in corn for stock feeding, also for making pies. Fruits are oblong and flattened at the ends, with rich orange red flesh. Very productive. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50.**

Onions

FEENCH, OGNON; ITALIAN, CIPOLLO

The onion thrives best in a deep, rich, loamy soil; the best culture requires that the ground should be deeply trenched and manured the previous autumn. As early in the spring as the ground is in working order, sow thinly in drills about a quarter of an inch deep, and 15 inches apart; cover with fine soil.

An ounce will sow 100 feet of drill. Four to five pounds to the acre.

Our Onion Seed has a splendid reputation, and no pains will be lacking to maintain its present high standard.



Steele, Briggs' Select Yellow Globe

There is probably more of this variety grown than any other. It is a splendid Onion. Our strain of this popular Onion cannot be surpassed—our seed being grown by the most careful specialists known, and in a section that produces the very best seed of Onion, giving bulbs of small neck and good keeping quality. Onion seed produced in some countries is inclined to grow thick necks. We know this by our comparative tests—we avoid all seed but the very best grown. This costs more but it is worth it. Yellow Globe is a fine brown, orange yellow outside with pure white solid flesh, and good quality. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.25.**

Yellow Globe Danvers

Early round, very small neck, fine grained, mild flavor, immensely productive, splendid keeper and is excellent for shipping. A popular sort with market gardeners and other large growers. **Pkt. 10c, oz. 45c, ¼-lb. $1.35, lb. $4.00.**

Early Australian Brown

Medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. It has the reputation of keeping longer in good condition than any other Onion. **Pkt. 10c, oz. 45c, ¼-lb. $1.25, lb. $3.50.**

Southport Yellow Globe

A very popular and satisfactory variety for either family or market garden growing. A truly grand Onion of handsome form and beautiful appearance, the color being a golden yellow. It is a very hardy variety and a reliable yielder, producing up to 1,000 bushels per acre. The shape is very uniformly deep, globular and large. The flesh is snow white, firm, mild and juicy. Our strain produces, as a rule, small necks, ripens down evenly, and the Onions keep extra well. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.25.**

Steele, Briggs' Giant Yellow Prizetaker

The largest Onion grown from American seed—in size it is not excelled by the enormous varieties from Spain. It has been on the market for several years, and is recognized as one of the best standard varieties. It excels in yield, in size, the flavor is mild and tender, and keeping quality good. The shape is a handsome globe with small neck, skin thin, of a bright straw color. The flesh is a pure white and fine grained. The Onions grow to an immense size, measuring from 12 to 16 inches in circumference. By sowing early in hot-bed and transplanting, mammoth bulbs may be raised. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.25.**

Early Flat Yellow Danvers

A productive and very extensively used early or main crop variety of medium size. The skin is light coppery yellow in color. The flesh is creamy-white, mild and of excellent flavor. The bulbs are flattened yet quite thick with small necks, ripen down quickly, evenly and keep very well. **Pkt. 10c, oz. 45c, ¼-lb. $1.25, lb. $3.75.**

Strasburg or Yellow Dutch

Large and more flat than Yellow Danvers, has white flesh of fine grain, mild, well flavored—a splendid yellow Onion for sets. **Pkt. 10c, oz. 45c, ¼-lb. $1.25, lb. $3.75.**

Book on Onion Culture—by Greiner. A 110-page treatise on Onion raising from seed to marketing. In concise, intelligent language it tells of soil selection and preparation, fertilizers and how to apply them, cultivation, varieties of seed to sow, the new Onion culture and methods of seeding, weeding, harvesting, storing, marketing and shipping. This book has assisted many Onion growers to earn increased profits. By mail, postpaid to any address for **$1.00.**

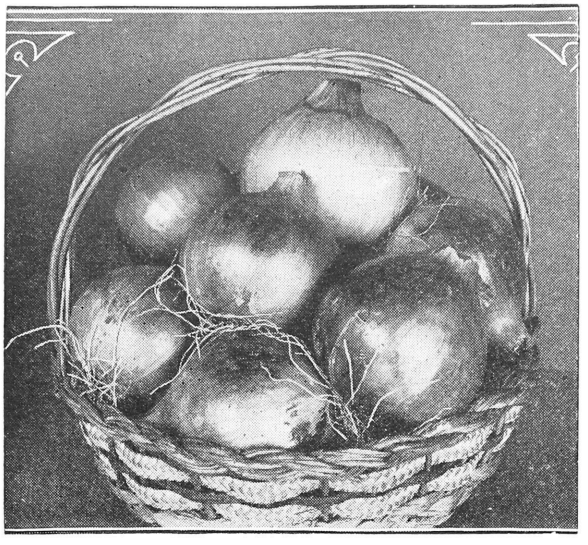


Southport White Globe

A beautiful Onion of symmetrical globe shape, with a smooth satin-white skin, forming a perfect silver ball. It grows to a large size, averaging 7 to 8 inches in circumference, and is solid and heavy; the flesh is purest white, close and fine grained, mild and of delicate flavor. It is a heavy cropper, yielding under good culture up from 500 to 700 bushels per acre. Our strain of this seed ripens so uniformly and cures so thoroughly that the Onions keep nearly as well as the Red and Yellow varieties. **Pkt. 10c, oz. 70c, ¼-lb. $2.00; lb. $5.50.**

White Portugal

This is a medium sized Onion of mild flavor and with beautiful, clear white skin. The variety is a favorite with many for use when young as a salad or bunching onion and for pickles. It usually matures about ten days earlier than White Globe and is fine for fall and early winter use. It is an excellent medium early sort for gardeners who do not care to plant more than one variety. The bulbs are nearly round when of bunching size, somewhat flattened when mature. This is the best flattened white Onion for Northern latitudes. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.50.**



SOUTHPORT RED GLOBE

Steele, Briggs' Prizetaker, Red Globe

A new, large, handsome Onion, 9 to 10 inches in circumference, globular in shape, of a rich, dark red color, very solid and pleasant flavored. In uniform growth, earliness and color, a decided leader. A grand exhibition variety, and an enormous crop producer when properly grown. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.25,** postpaid.

Large Red Wethersfield

The Wethersfield Onion is the most largely grown red variety and as a heavy yielder and a good keeper, has no superior. The stock we offer is most carefully grown for us and we know there is no better strain raised anywhere as far as purity, beautiful form and color are concerned, and in earliness, productiveness and long-keeping qualities it far exceeds all others. Large size bulbs, of a round but somewhat flattened shape; deep red skin; flesh purplish white, flavor is good, admirable for boiling. It matures fairly early, and is a fine keeper. The best variety for poor and dry soil, but succeeding on all soils. **Pkt. 10c, oz. 45c, ¼-lb. $1.25, lb. $3.75,** postpaid.

Southport Red Globe

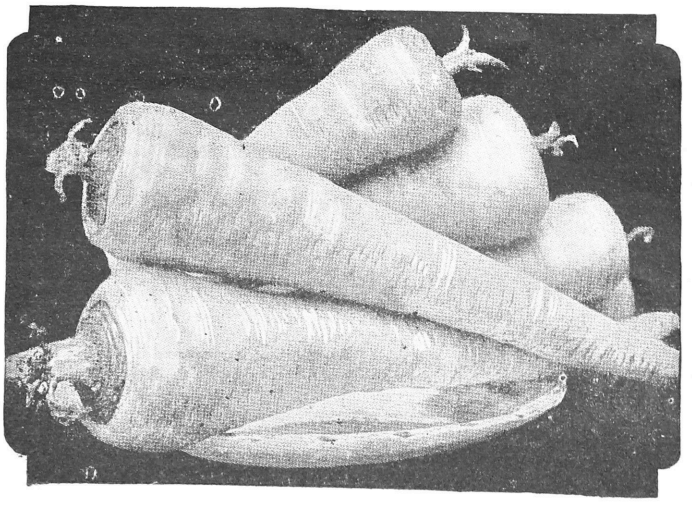
The Onions measure 2½ to 3 inches in diameter, and are remarkably uniform in size. The skin is very dark red, making it of very attractive appearance. Ripens down to a hard solid ball, making it a splendid keeper. **Pkt. 10c, oz. 50c, ¼-lb. $1.50, lb. $4.25,** postpaid.

Denia

This is the parent type of the Prizetaker variety, than which, however, it is considered superior. It runs more uniform in size and is a more characteristic globe. The bulb is more compact, and its rings or layers of growth are thinner. It ripens down somewhat earlier than Prizetaker and grows to a larger size. **Pkt. 10c, oz. 65c, ¼-lb. $2.00, lb. $6.00,** postpaid.

Extra Early Flat Red

One of the handsomest red onions, and will ripen two weeks earlier than other strains. **Pkt. 10c; oz. 45c; ¼-lb. $1.25; lb. $3.75,** postpaid.



PARSNIP HOLLOW CROWN

In Onion Seed a difference in the strains of named varieties means a lot to the purchaser. Realizing this we will not handle anything but the best and which must satisfy us by test on our own trial grounds.

Earliness, Productiveness, Size, Shape and Quality are the governing factors in our selection. It pays to sow tested seed of the best strains.

Onions require a rich, well drained soil that does not dry out too readily in the summer. The ground should be well plowed (or in small gardens forked) in the fall, and manure—well rotted stable (never fresh) or hen house—worked in. In the spring the bed should be made very firm, surface fine, tight, firm and smooth. Seed 1 oz. to 100 feet of drill, or 4 to 5 lbs. to acre, as early in the spring as possible. Cover ½ inch to 1 inch deep; the rows may be 15 inches apart. When the onions appear above ground, commence cultivation—weeds must be rigidly kept down.

Onions

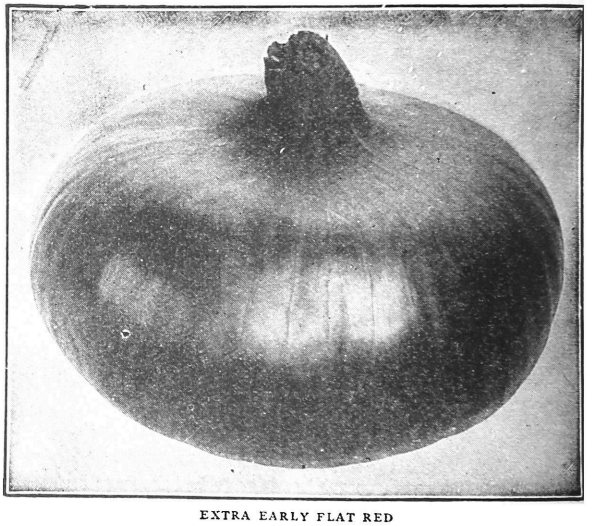
(Foreign). Reliable seed scarce, crop short. The following varieties have been tested in this country and have given perfect satisfaction. The flavor of the Italian varieties is mild, and they are in every way well adapted for culinary purposes.

Onions, Early Barletta. A very early maturing, small, pure white variety, having a very delicate silver skin; flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. For pickling purposes it is unequalled. **Pkt. 10c, oz. 65c, ¼-lb. $1.85, lb. $5.50.**

—Ailsa Craig. Grows to an enormous size. Globular to oval in shape, of a light straw color, mild flavor, a favorite with gardeners for early transplanting and show purposes. **Per pkt. 10c, oz. 65c, ¼-lb. $2.00, lb. $6.00.**

—Early White Queen. A silver-skinned variety, of quick growth and remarkable keeping qualities. Particularly valuable for pickles. If sown in July thickly they will mature perfect hard onions usually from ½ to ¾ of an inch in diameter. **Pkt. 10c, oz. 65c, ¼-lb. $1.85, lb. $5.50.**

—Small Round Silverskin. Pickling, a small French variety, used extensively for pickling, very early. **Pkt. 10c, oz. 65c, ¼-lb. $1.85, lb. $5.50.**



EXTRA EARLY FLAT RED

—White Welsh. Skin white; a hardy sort; used for fall sowing. **Pkt. 10c, oz. 65c, ¼-lb. $1.85, lb. $5.50.**

—Giant White Italian Tripoli. Large size beautiful form, round and flattish in shape, and of a nice mild flavor, fine white skin. Will grow an onion from 1 to 1½ lbs. **Pkt. 10c, oz. 65c, ¼-lb. $1.85, lb. $5.50.**

Parsnips

FRENCH, PANCAIS.
ITALIAN, PISELLO

1 oz. per 200 ft. of drill; 5 lbs. in drills for an acre. Culture. Work the soil very deep and pulverize the surface thoroughly. Sow the seed in early Spring. ¾ of an inch deep, in rows 12 to 18 inches apart.

As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 6 inches apart in the row.

Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of Parsnips for table use, so it is customary to take up in the Fall when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, pitting them as is often done with other roots so that access may be had to them at any time.

Parsnips, Elcombe's Giant. The largest, handsomest and best variety grown; of excellent quality, very sugary. **Pkt. 10c, oz. 30c, ¼-lb. 90c, lb. $2.75,** postpaid.

—Long, Smooth or Hollow Crown. One of the best Parsnips grown. **Pkt. 10c, oz. 30c, ¼-lb. 90c, lb. $2.75,** postpaid.

Peas

FRENCH, POIS; ITALIAN, PISELLO. **Sow 1 lb. to 100 feet of drill.** Sow Peas in drills not less than 4 inches deep, in warm, well enriched soil. The drills must not be nearer than 2 feet, except for the dwarfed sorts. Those growing three feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. It is well to sow the earliest Peas as soon as possible; in 2 or 3 weeks after make another sowing. The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form but those partly advanced stop growing.

Extra Early Peas

Steele, Briggs' Best Extra Early—(2 feet). White, dented. This "First of All" Pea possesses all the qualities most essential for a first-class variety, being extra early, ripening with great uniformity in about 45 days. Pods contain from 5 to 7 medium sized peas. Price, **pkt. 10c, ¼-lb. 20c, lb. 50c, 5 lbs. $2.25,** postpaid; by express at purchaser's expense, **lb. 40c, 5 lbs. $1.75, 10 lbs. $3.30.**

American Wonder

(9 TO 12 INCHES HIGH). Very prolific bearing pods well filled, of medium size, 2¼ to 3 inches long. Green wrinkled. One of the earliest; finest quality, productive, of dwarf, compact growth; a favorite with market gardeners and home use. **Pkt. 10c, ¼-lb. 20c, lb. 55c, 5 lbs. $2.50,** postpaid; by express at purchaser's expense, **lb. 45c, 5 lbs. $2.00. 10 lbs. $3.75.**

Nott's Excelsior

(12 INCHES). The vines are larger and more productive than American Wonder and earlier than Premium Gem and average about twelve inches high. Pods medium sized, about two and three-fourths inches long. The peas, in sweetness and quality are unsurpassed. Seed medium sized, wrinkled, green and somewhat flattened. **Pkt. 10c, ¼-lb. 20c, lb. 55c, 5 lbs. $2.50,** postpaid; by express at purchaser's expense, **5 lbs. $2.00, 10 lbs. $3.75.**

Little Marvel

The Most Satisfactory Pea in the Average Home Garden.

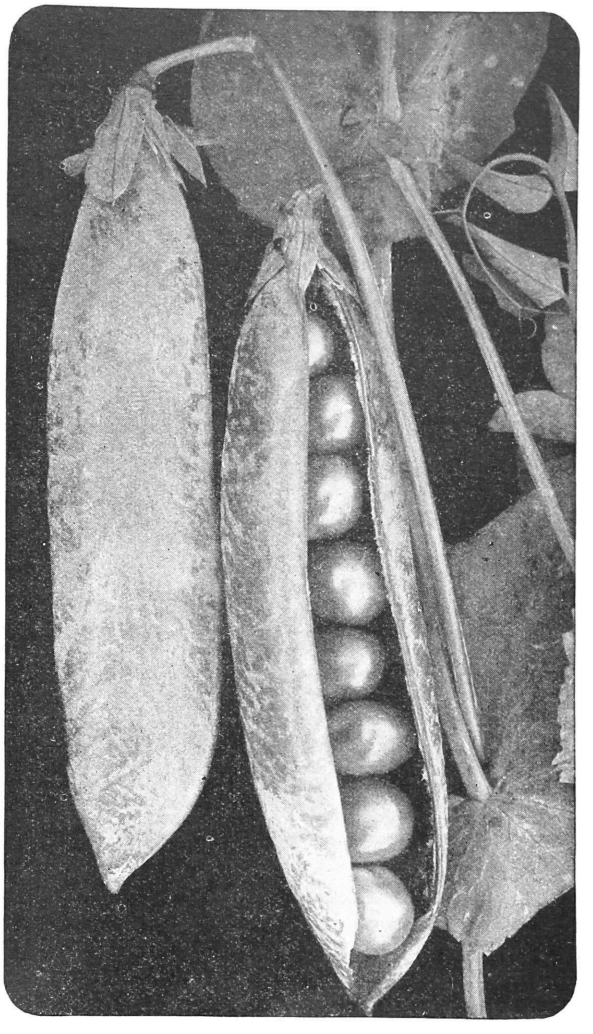
In season it is the same as Nott's Excelsior and American Wonder. The big point **in its favor** is that it remains in prime picking condition a week longer than the older sorts. Very productive, hardy, luscious and sugary. Vines 18 inches, pod dark green, well filled. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **lb. 50c, 5 lbs. $2.25. 10 lbs. $4.00.**

Extra Early Gradus

(30 INCHES). The pods are of a bright green color and measure 4 inches or more in length; 8 to 10 in a pod, are of first-class table quality and retain their colors and attractive appearance after cooking. Quality excellent. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**

Premium Gem

(15 TO 18 INCHES). Nearly as early as the American Wonder and the vine is decidedly larger, bearing an immense crop of the best quality about 2¾ inches long. **Pkt. 10c, ¼-lb. 20c, lb. 50c, 5 lbs. $2.25,** postpaid; by express at purchaser's expense, **5 lbs. $1.75, 10 lbs. $3.30.**



LAXTONIAN PEA

Laxtonian

A new first early Pea of unexcelled value. It is not only early but it is of splendid quality and unusually productive. Although it is a dwarf sort, growing only 15 to 18 inches in height, it excels in yield and equals in size of pod, the Gradus. The pods are deep bluish-green, pointed at the end, generally borne singly and measure 4 to 4½ inches in length. The peas number 7 to 10 to the pod, are large in size and of delicious flavor.

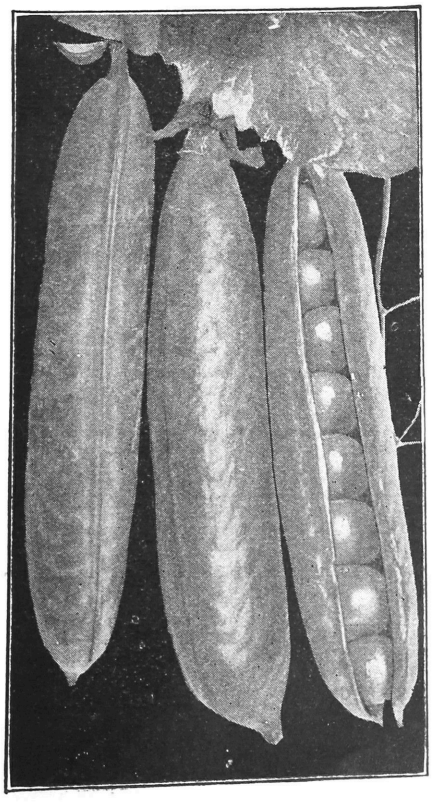
The vines are vigorous in growth, deep green in color and require no support. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**

Peter Pan or Blue Bantam

The pods are ready to pick as early as American Wonder and are nearly twice the size. Its combination of extreme earliness, superb quality and productiveness make it of unusual value to Market Gardeners and Growers. The vines are vigorous, averaging 15 inches high, producing enormous crops of early, deep blue-green pods. The pods measure four to four and a half inches long, and contain seven to nine peas, large deep green, of excellent flavor. Price, **per pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense. **5 lbs. $2.25, 10 lbs. $4.00.**

Thomas Laxton

An early wrinkled variety. Vines 3 to 3¼ feet high, similar to Gradus but darker in color. Pods large, with square ends, filled with medium size bright green peas of good flavor, an excellent yielder. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **1 lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**

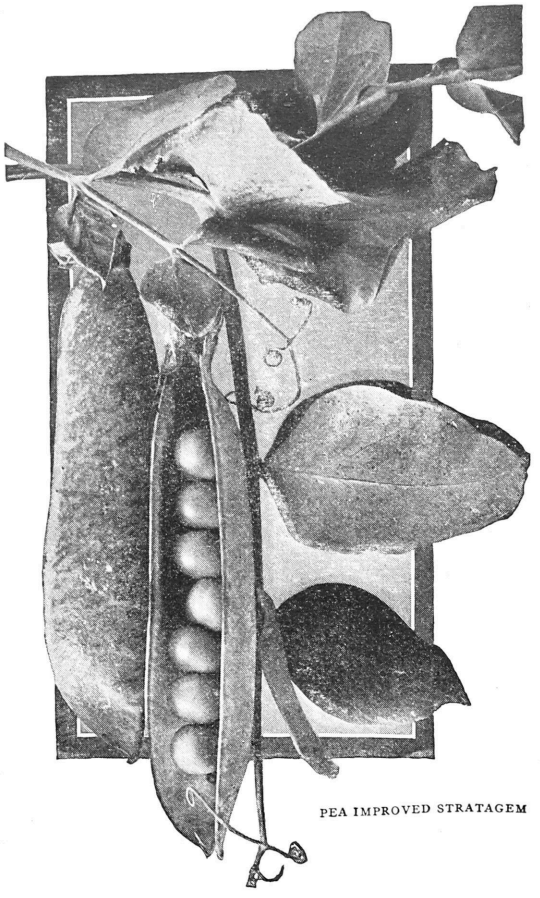


PEA LITTLE MARVEL

Inoculate with Nod-O-Gen

THE CHEAPEST AND EASIEST WAY OF IMPROVING SOIL AND INCREASING CROPS. All the legume crops including Garden Peas, Sweet Peas, Garden Beans and Limas, are able to capture "Free" nitrogen from the air and store it in plant form if they are inoculated with the right kind of root nodule bacteria. Legumes not inoculated rob the soil and inoculated they feed the soil, grow more quickly and vigorously and contain a higher percentage of valuable feed proteins.

NOD-O-GEN EASIEST AND SUREST FORM OF INOCULATION. Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. See page 52.



PEA IMPROVED STRATAGEM

It is well to sow the earliest Peas as soon as possible; in two or three weeks after make another sowing for succession crop. The crop should be gathered as fast as it is fit to use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing.



Hundredfold

This is, without doubt, the very best dwarf Pea ever grown. We have found none so near perfection as Hundredfold. It is the best flavored and the largest-podded dwarf-growing sort in existence. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods, 4 inches long, containing about 8 large, dark green Peas of excellent quality. The vines are 16 inches high, sturdy, and resist heat well. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**

Medium or Second Early

—Horsford Market Garden. (4 feet). A grand wrinkled variety. It is a prolific bearer, pods of medium size, and peas of delicious flavor. A grand variety for canning. **Pkt. 10c, ¼-lb. 20c, lb. 50c, 5 lbs. $2.25,** postpaid; by express at purchaser's expense, **lb. 40c, 5 lbs. $1.75, 10 lbs. $3.30.**

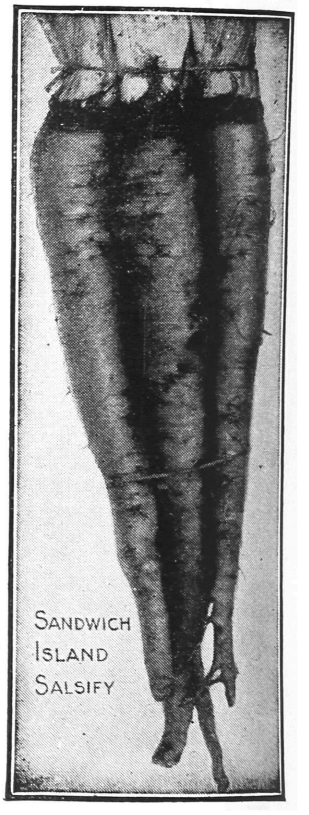
Main or Late Crop Peas

—Improved Stratagem. (2 feet) A semi-dwarf variety. One of the very best. A heavy cropper, and produces remarkably well filled pods of large size, long and pointed, deep dark green, and of excellent flavor. **Pkt. 10c, ¼-lb. 20c, lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**

—Champion of England. (5 feet). One of the richest and best flavored Peas grown; very productive. **Pkt. 10c, ¼-lb. 20c, 1 lb. 50c, 5 lbs. $2.25,** postpaid; by express at purchaser's expense, **1 lb. 40c, 5 lbs. $1.75, 10 lbs. $3.30.**

Telephone (Tall)

The vines grow about 3½ to 4 feet in height, are very vigorous and have large, coarse, light colored leaves. Each vine bears on an average seven to ten pods, which are ready for picking in about 65 days. The immense pods are straight and of fine appearance, and contain eight or nine large, wrinkled peas, closely packed, tender, sweet and of exquisite flavor. **Pkt. 10c, ¼-lb. 20c, 1 lb. 60c, 5 lbs. $2.75,** postpaid; by express at purchaser's expense, **1 lb. 50c, 5 lbs. $2.25, 10 lbs. $4.00.**



Pepper

FRENCH, PIMENT; ITALIAN, PEPPERONI. The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seeds should be sown early to be ready for transplanting when the weather becomes warm.

Prices, except where noted, per pkt. 10c, per oz. $1.00.

Pepper, Chinese Giant. The compact plants are very prolific setting, 3 to 4 extra large fruits at the base quite early in the season; the fruit is quite square in appearance, while the flesh is thick and very mild, being entirely free from any fiery flavor. **Pkt. 10c, oz. $1.25.**

—Early Giant (Harris). The earliest and most prolific of the large peppers and a real acquisition. It matures its fruit but slightly later than Harris' Earliest, is of dwarf, compact growth bearing as many as 12 pendent fruit on a single plant; scarlet fruit measuring 5 in. in length by 3½ in. in diameter, 3-lobed; mild and sweet. **Pkt. 20c, oz. $2.50.**

—Sweet Spanish or Mountain. A large and early variety; mild and pleasant; less pungent than other varieties.

—Harris' Earliest. The earliest large pepper we know. Plant very uniform, dwarf and compact, seldom over 18 inches in height. Fruits similar to Bull Nose in shape, mild and sweet, exceedingly productive. **Pkt. 20c, oz. $2.00.**

—Chili. Small and prolific for pepper sauce. **Pkt. 10c, oz. $1.25.**

—Hamilton Market. Originated near Hamilton and very largely grown in the Niagara district. One of the earliest and most productive of the large red peppers, of exceedingly acrid hot flavor. **Per pkt. 20c, oz. $2.00.**

Salsify or Oyster Plant

FRENCH, SALSIFIS. ITALIAN, SASSEFRICA. Seeds should be sown early in the spring in shallow drills fifteen inches apart, and when well started, should be thinned out to stand four to six inches apart in the row. Cultivate frequently during growth; keep soil loose and fine.

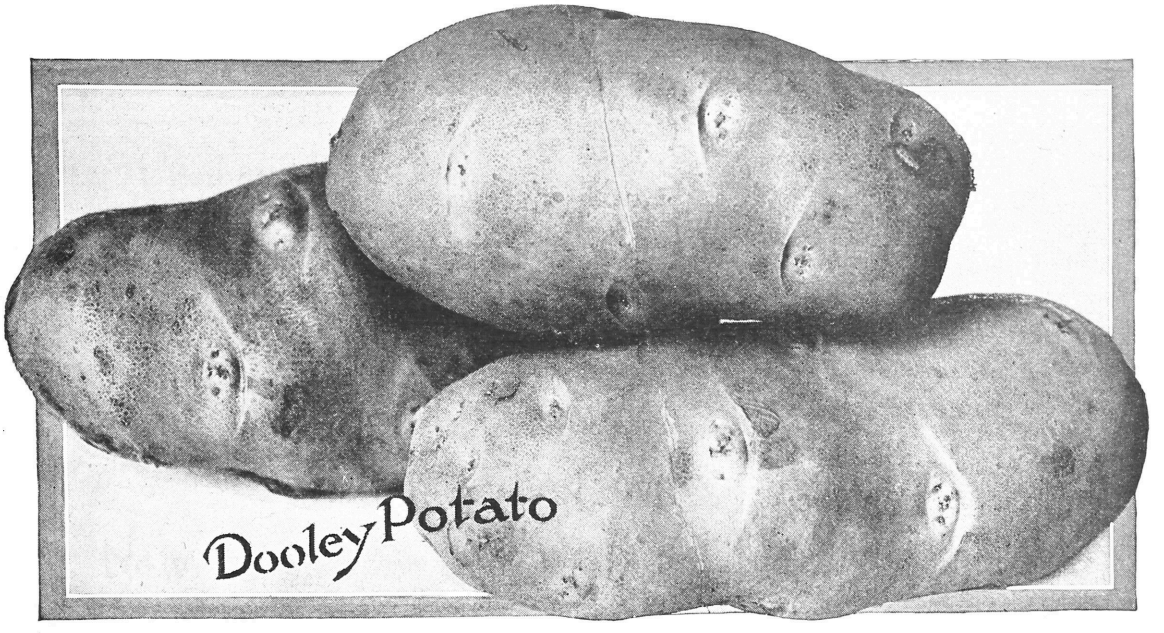
Salsify, Mammoth Sandwich Island. Of extra large size, and fully equal in quality to the popular old variety. Long White. **Pkt. 10c, oz. 40c, ¼-lb. $1.25,** postpaid.

Rhubarb

FRENCH RHUBARBE. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall transplant the young plants into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. Stalks should not be plucked until the third year. Never allow the plant to exhaust itself by running to seed.

Rhubarb, Johnston's St. Martin. The finest and one of the earliest, an enormous size; the flavor is superior and requires less sugar than any other variety; color delicate pink. **Pkt. 10c, oz. 50c, ¼-lb. $1.50.**

—Victoria or Giant. Stalks red, thick, large, tender, of good quality. **Pkt. 10c, oz. 50c, ¼-lb. $1.50.**



Potatoes for Seed

Prices subject to Market Changes.

REGISTERED AND GOVERNMENT CERTIFIED SEED POTATOES—SELECTED PURE STOCK.—Grown under our own supervision by the most careful men in the business.

SHIPPING.—We begin sending our Potatoes as early in Spring as safe from frost. Quotations at peck, bushel and bag (90 lbs.) include cost of bags, but carriage must be paid by purchaser. When ordering please state if to be shipped by express or as freight, and name station to which they are to be sent. A bag of potatoes can be shipped by freight for about same cost for carriage as a smaller quantity.

At the time of going to press, actual prices cannot be determined. **We ask all interested to write for prices;** our stock is very select and we meet all reliable competition. **Other varieties not listed here can be supplied.**

The Dooley The tubers are of good size and lie closely together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, and the flesh is fine-grained, of a pure pearly whiteness, and cooks dry and floury. Its vigorous growth and great productiveness make it the most profitable variety for the planter, and its great solidity, smooth regular form, and **unequalled table quality** will make it the most popular and quickest selling on the market.

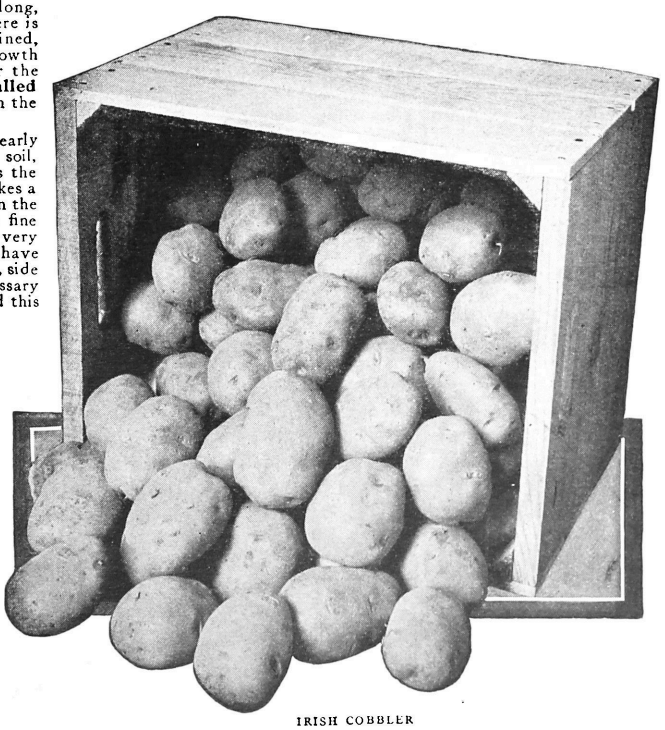
IrishCobbler EXTRA EARLY HEAVY YIELDER. Is a grand early potato of medium large size, and in light soil, does its best for earliness, in which it matures almost as early as the smaller cropping Earlies. The demand for more early potatoes makes a virtue of the necessity to plant varieties that yield bigger crops than the Earlies which yield small crops. Irish Cobbler, although not so fine grained in flesh as some other sorts described here, yet it is always a very popular seller. Its size, shape, good quality and elegant appearance have given it a very wide popularity and it usually secures a better price, side by side with standard Earlies. To our customers who find it necessary to cater to a growing demand for more Early potatoes we commend this sort as a money-maker and trade-winner.

Eureka EXTRA EARLY. An extra early variety, producing fine large tubers, as early or earlier than any other potato in cultivation. The vines are dwarf and compact in growth, with healthy dark green foliage which has never shown any signs of blight. It is about three days earlier than Burpee's Extra early, is an excellent keeper for so early a potato. The firm, white flesh is of fine flavor when cooked.

Delaware **The heaviest Main or Late Crop Yielder.** It is productive to an extraordinary degree. The Tubers are bunched closely in growing, which materially lessens the labor of harvesting. The potato itself is of the size and shape best liked in nearly all markets. The skin is of a bright light russet color. Eyes are few and nearly flush with surface. In quality no potato can surpass it; in fact, in this particular we know of no sort that equals it. Its snowy whiteness when cooked, together with its dry floury nature has made it a prime favorite.

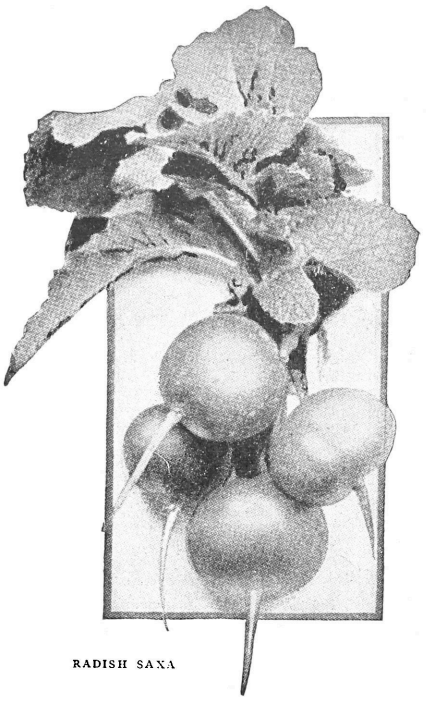
Improved Green Mountain **The best late Potato.** A white skinned variety of flat, oval form, smooth and attractive. Ripens slowly and is a good keeper. Quality excellent when well grown. This variety has been growing in popularity and is now the leader of all varieties for general crop.

Climax Bug Killer **For Potatoes.** Dust CLIMAX with a bag of the texture of a bran sack, which has been cut down to about twelve inches. See our list of dry dust guns for more effective and economical means of application. Two such bags may be used to speed up the work. CLIMAX must be dusted on only while the plants are damp, 20 to 40 lbs. per acre, according to the size of the plants. CLIMAX sticks to the leaf, and does its work after considerable rainfall. See Insecticide page for full particulars and prices.



IRISH COBBLER

As it is Impossible to Quote Firm Prices at Time of Going to Press, We will Quote Lowest Prices on Application.



RADISH SAXA

Radish

FRENCH, RADIS RAVE PETITE ET LONGU; ITALIAN, RAVANELLO. Radishes thrive best in light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders in well manured, deeply dug, well raked soil; if not well stimulated into a rapid growth they become fibrous and tough: sow in drills ten inches apart and thin to two inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August; like the turnip they make the best growth in the autumn, and must be taken out before the severe frost, and stored away in a cool cellar in sand or in a pit.

Early Round or Turnip Shaped Radish

Price following varieties, pkt. 10c, oz. 25c, ¼-lb. 75c, lb. $2.00.

Radish, Earliest Deep Scarlet Turnip, White Tip. (Forcing). A small, round, turnip-shaped Radish of bright scarlet, distinctly tipped with clear white. Ready to pull in 15 to 20 days after sowing.

—**Early Scarlet Turnip, White Tip.** Handsome bright scarlet color with white tip. Many gardeners make a sowing of it every two weeks.

—**Early Scarlet Turnip.** Very early, in great demand for home use; small round with short top.

—**Rosy Gem.** (Forcing). One of the earliest, perfectly globular, color rich, deep scarlet at the top, blending into pure white at the bottom.

—**Early Scarlet Globe.** A selected forcing strain especially adapted for greenhouse and hot bed culture, but may be grown outdoors also with the best results.

—**Saxa** (Forcing). This variety has a small top and is the earliest in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in twenty-five days, and they remain fit for use longer than any other early variety.

Early Olive-Shaped Radish

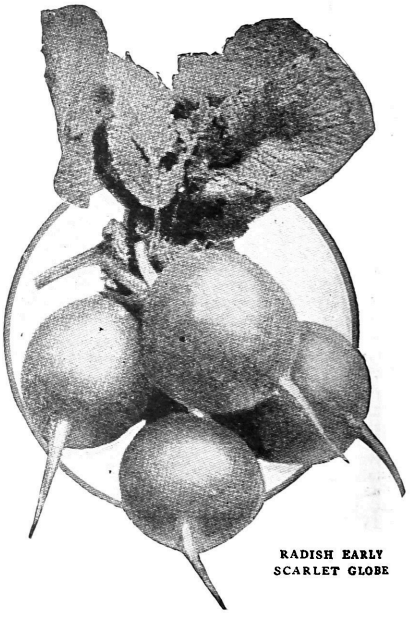
—**French Breakfast, White Tipped.** Of quick growth, mild and tender, one of the best for forcing; oval form, scarlet tipped with white.

Long Early and Summer Radish

—**Early Long Scarlet, Short Top.** The leading outdoor quick-growing variety, grown in rich, light soil; its average length is about 8 inches, grows half out of the ground, straight, uniform in color, and crisp, bright scarlet, small tops.

—**Improved Chartier, Scarlet White Tip.** Color of the top is scarlet rose, shading into a pure waxy white at the tip.

—**Icicle.** Makes fine radishes, about 3½ inches long, and a half-inch in diameter three weeks from time of sowing the seed. Beautiful transparent white. Very crisp and brittle.



RADISH EARLY SCARLET GLOBE

Winter Varieties—Radish

Price following varieties, pkt. 10c, oz. 25c, ¼-lb. 75c, lb. $2.00.

—**California Mammoth White,** 8 to 12 inches long, white, solid, good flavor.
—**Rose or Scarlet China.** Certainly one of the best.
—**Long Black Spanish.** The popular winter sort.
—**Round Black Spanish.** Like the above, except in shape.

Spinach

FRENCH, EPINARD; ITALIAN, SPINACE. Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use, sow in August, and protect with a covering of straw during cold weather. Sow 1 ounce to 100 feet of drill. 12 lbs. per acre. **Pkt. 10c, oz. 15c, ¼-lb. 35c, lb. $1.00,** postpaid.

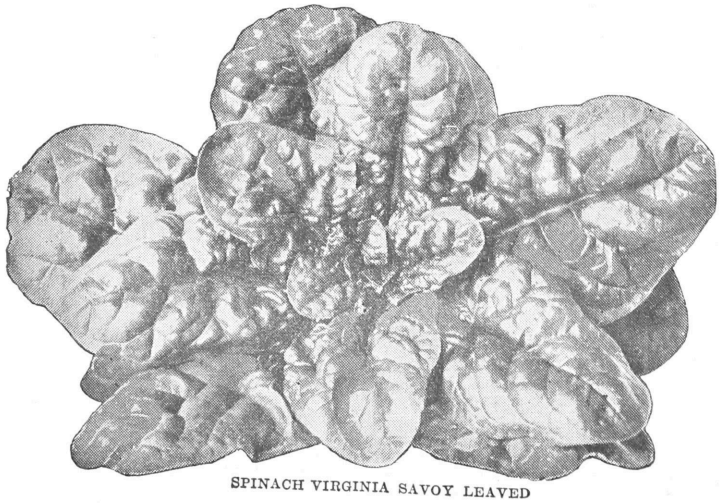
—**Virginia Savoy Leaved**—In appearance of plant this new strain is much like Savoy Leaved or Bloomsdale. It shows the erect habit of Savoy Leaved but the leaves are a little larger and thicker, more crumpled, more heavily savoyed, and curl downward a little more. The leaf stems are a little shorter, making the plant more compact. The color is an attractive medium dark green. The most important feature of this new strain is that it remains for a long time in condition for use before bolting to seed. **Pkt. 15c, oz. 20c, ½-lb. 50c, lb. $1.50.**

—**Juliana.** One of the best second-early varieties; grows close to the ground: has very dark green crumpled leaves, which keep fresh looking and retain their crispness for a long time after being cut, and stands a long time before it bolts to seed. **Pkt. 10c, oz. 20c, ¼-lb. 50c, 1 lb. $1.50,** postpaid.

—**"King of Denmark."** This variety is undoubtedly the most valuable introduction of Spinach in recent years. Although the plants are ready for use almost as soon as medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. **Pkt. 10c, oz. 20c, ¼-lb. 50c, 1 lb. $1.50,** postpaid.

—**Victoria, Long Standing.** The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and of the finest quality.

—**Bloomsdale, Savoy Leaved.** The leaves are numerous, succulent, curled and wrinkled like a Savoy cabbage, and it is also the hardiest of all the varieties.



SPINACH VIRGINIA SAVOY LEAVED

—**Round Thick-Leaved, Summer.** Producing large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time.

—**Monstrous Round-Leaved Viroflay.** Resembles the preceding in shape of its leaves but is much larger.

—**Prickly Seeded.** One of the earliest to mature and is most generally used for fall sowing. **Pkt. 10c, oz. 20c, ¼-lb. 60c, lb. $2.00.**

—**New Zealand.** This variety grows two or three feet in bush form. The leaves and stems are succulent and tender. The abundant fresh, tender foliage may be picked frequently during the summer. **Pkt. 10c, oz. 20c, ¼-lb. 60c, lb. $2.00.**

Tobacco

Tobacco, Connecticut Seed Leaf. This is an old, well tried variety; produces immensely on good soil. **Pkt. 10c, oz. $1.00,** postpaid.

—**Havana, Choice.** A very early variety, and the best of the Americanized Havana. **Pkt. 10c, oz. $1.00,** postpaid.

—**Quesnelle.** One of the most popular sorts with Canadian growers. Leaf broad and of good flavor when cured. **Pkt. 10c, oz. $1.00,** postpaid.

Turnip

FRENCH, NAVET. ITALIAN, NAVONE. **Sow Two or Three Pounds in drills to an acre. 1 oz. for 150 feet of drill.** For Early Turnips, sow as soon as the ground is dry enough. Fall Turnips may be sown from the first week in July to the first of August. Swedes should be sown in June or early in July, in drills 18 inches apart. Turnips should be thinned when large enough, 6 to 9 inches apart in the drills, according to size. **Please note:—Prices quoted are carriage or postpaid.**

Turnip, Extra Early White Milan. Variety remarkably early. Tops very small, strap leaved, upright and compact, so that rows can be planted close together. Roots clear white, very smooth, flat and are of best quality when only about two inches in diameter. Flesh clear white, mild, sweet and tender. Very desirable for early use. **Pkt. 10c, oz. 20c, ¼-lb. 60c, lb. $2.00,** postpaid.

—Extra Early Purple Top Milan. Similar to Extra Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. **Pkt. 10c, oz. 20c, ¼-lb. 60c, lb. $2.00.**

—Early Snowball or Model. An early, oval or egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The tops are small, with leaves distinctly cut. The flesh is clear white, firm, fine-grained and sweet. The roots, when in best condition for use, are usually about two inches in diameter and about three and one-half inches long.

Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50, postpaid.

—White Globe Purple Top. It is globular, of beautiful appearance, of most excellent quality. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50,** postpaid.

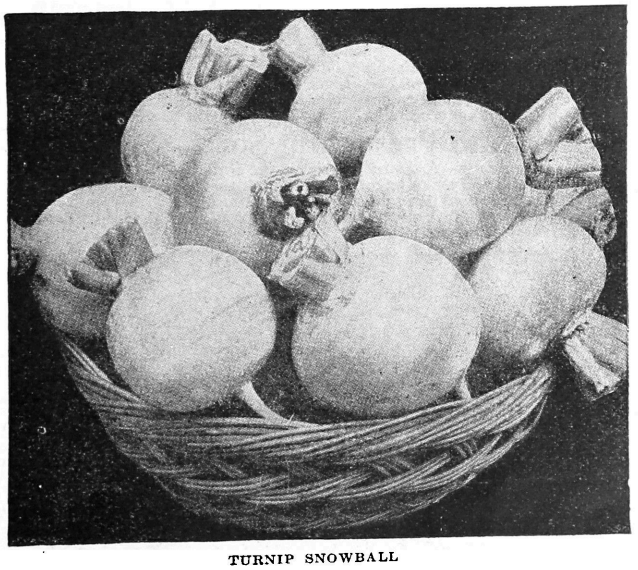
—Large Amber Globe. Flesh yellow; fine grained and sweet, color of skin yellow, with green top. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50,** postpaid.

—Orange Jelly or Golden Ball. A distinct variety, one of the most delicately flavored of the yellow fleshed turnips. The tops are small. The roots are medium sized, round and smooth. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50,** postpaid.

—Red Top, Strap Leaf. Rapid grower and of mild flavor; the most popular variety. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50,** postpaid.

—White Six Weeks. Very early, fine shape, small top and excellent flavor. **Pkt. 10c, oz. 20c, ¼-lb. 50c, lb. $1.50,** postpaid.

—Durham Swede. This is undoubtedly the finest Swede for table use, juicy and exquisite flavor. **Pkt. 10c, ¼-lb. 30c, ½-lb. 55c, lb. 90c,** postpaid.



TURNIP SNOWBALL

Sweet, Pot and Medicinal Herbs

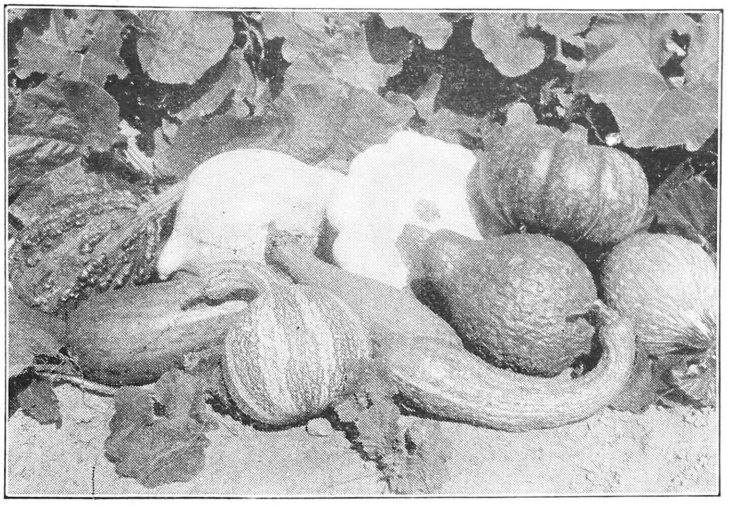
Lavender (LAVENDULA SPICA). An aromatic herb. **Pkt. 10c, oz. $1.25.**

Marjoram, Sweet. Pkt. 10c, oz. $1.25.

Sage (SALVIA OFFICINALIS). **Pkt. 10c, oz. $1.25.**

Savory, Summer (SATUREIA HORTENSIS). A Hardy, aromatic annual, twelve to fifteen inches high. **Pkt. 10c, oz. $1.25.**

Thyme (THYMUS VULGARIS). An aromatic perennial herb, eight to ten inches high, used principally for seasoning. **Pkt. 10c, oz. $1.25.**



SUMMER AND WINTER SQUASH

Squash

FRENCH, COURGE; ITALIAN, ZUCCA. **Prices are postpaid. One ounce for 50 hills.** The Squashes are of tropical origin, and therefore it is useless to plant them until soil is quite warm, and all danger of frosts and cold nights is over.

Squash, Golden Rush, Scalloped. Deep orange color, grown for first crop, esteemed for earliness, fine grained and of excellent quality. **Price, Pkt. 10c, oz. 30c, ¼-lb. 90c.**

—White Bush, Scalloped. Like the above, except in color, which is creamy white. **Price, Pkt. 10c, oz. 30c, ¼-lb. 90c.**

—Giant Summer Crookneck. This variety is much similar to the old Summer Crookneck, but it is very much larger, and considered to be of a more buttery flavor than the ordinary sort. They are fully twice the size, and produce fruit of a deeper yellow color, exceedingly early and very productive. **Price, Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

Vegetable Marrow

English Vegetable Marrow. Skin greenish yellow, flesh white, soft and rich flavor; quite distinct. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—Long White Bush. Longer than preceding, creamy white, good quality. Profitable market sort. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

Autumn and Winter Sorts

—Boston Marrow. A good, tender, rich variety, for fall and winter, very productive. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—Hubbard, Improved. More largely grown as a winter sort than any other, of large size; flesh fine grained, dry and of excellent flavor. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—Warty Hubbard. This wartiness indicates a very hard shell, one of the very best features in a long keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard Squash is, the more delicate and sweet the flesh will be found. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

—Red or Golden Hubbard. Is a bright, deep, orange-yellow; flesh deep golden-yellow; much richer color than Hubbard, fine grained, cooks very dry and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels, the old variety. **Pkt. 10c, oz. 35c, ¼-lb. $1.00.**

Sweet, Pot and Medicinal Herbs

No garden is complete without a few herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely, entirely excluding from the air. Sow in spring in shallow drills, one foot apart, and when well up, thin out and transplant to a proper distance.

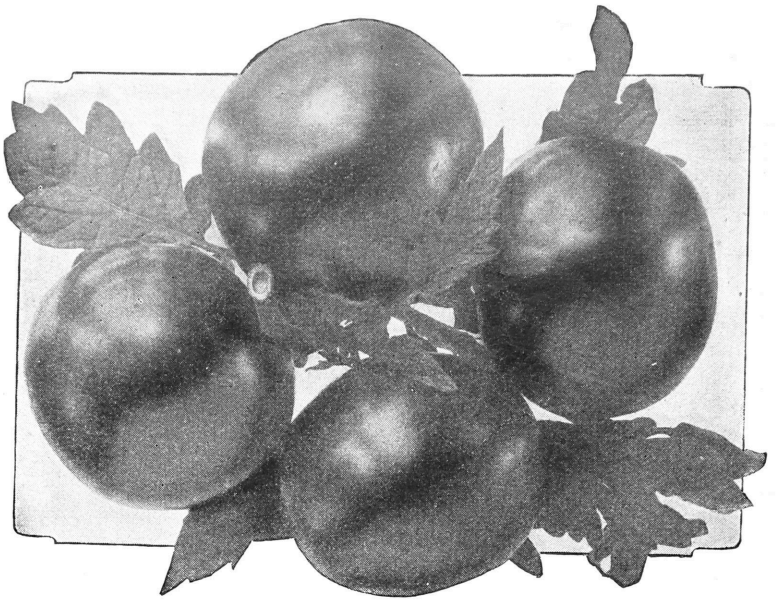
Basil, Sweet (OCIMUM BASILICUM). The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two is sometimes introduced into salads. **Pkt. 10c, oz. 50c.**

Caraway (CARUM CARUI). The seeds are used in confectionery and medicine. **Pkt. 10c, oz. 25c, ¼-lb. 75c.**

Dill (ANTHUM GRAVEOLENS). The leaves are used in soups and sauces, and to put along with pickles. **Pkt. 10c, oz. 25c, ¼-lb. 75c.**

Fennel (ANETHUM FOENECULUM). The leaves boiled enter into many fish sauces, and raw, form a beautiful ornament. **Pkt. 10c, oz. 50c.**

Horehound (MARRUBIUM VULGARE). **Pkt. 10c, oz. $1.25.**



TOMATO—JOHN BAER

Tomato

FRENCH, TOMATES. ITALIAN, POMO D'ORO. **1 oz. for 1,500 plants. ¼ lb. (to transplant) for an acre.** Sow the seeds in the middle of March or April in the hotbed or a box in a sunny place in the house. To make very healthy stocky plants they may be transplanted when about 2 or 3 inches high. When 5 or 6 inches high if the ground has become warm, transplant to the open ground. Set the plants 4 feet apart.

Early Varieties—"Wayahead"

This variety in the last three years, has proved very satisfactory. It is one of the favorites with the market gardeners in the East. The vine is robust with Potato Leaf Foliage, fruits about the size of Earliana, and will ripen with it if not a few days earlier, a good yielder bearing smooth, solid, bright red Tomatoes, little liable to crack and of very fine flavor. Price, **per packet 25c, oz. $1.25.**

Steele, Briggs' Earliest of All

The fruits are of good size, brilliant scarlet in color, perfectly round, smooth and remarkably handsome. The flesh is solid, of perfect flavor and free from acidity. **Per pkt. 10c. oz. 60c, ¼-lb. $1.75** postpaid.

John Baer

A remarkable extra early scarlet-red variety of superior merit. Not only is this one of the very earliest to ripen its first fruits, but it continues to furnish marketable fruits much longer than any other early varieties. The vines are hardy, exceptionally vigorous, and show less tendency to blight than any other varieties of this class. An invaluable variety for market gardeners, and the best extra early shipping sort. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75,** postpaid.

"Bonny Best"

Nearly as early as Earliana, it is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced continuously throughout the season. Of compact growth, the plants are fairly loaded with fruit. The tomatoes are uniformly of good size. The large, handsome fruits are very solid and deep through, being almost round. Color brightest scarlet, ripening up to the stem without any cracks or green core. The thick flesh is very solid, with comparatively few seeds, fine and of fine sweet flavor; skin thin, but sufficiently strong to make it a good shipper. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75,** postpaid.

Early Sunrise

A variety of great merit. Borne in clusters, fruits are medium in size, very round, smooth and meaty, of fine flavor, very early and of a rich scarlet color. **Pkt. 25c, oz. $1.25.**

New Earliana

One of the earliest tomatoes in existence. Handsome in appearance, very productive, of finest quality and of bright red color. Fruits ripen uniformly and are of good size. Splendid for market garden trade. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75,** postpaid.

Tomato "Avon Early"

This extra early scarlet fruited variety is the result of several years' careful selection. The fruits are large for so early a variety, round or slightly flattened, deep scarlet red color, smooth, free from cracks and of fine quality. It produces ripe fruits as early as Earliana and continues to yield marketable fruit for a longer period than the other first early varieties. The vines are vigorous and very productive. We consider this a valuable addition to the list of early Tomatoes for the market or home garden. **Pkt. 25c, oz. $1.25.**

Grand Rapids

An excellent variety for forcing. Fruits medium size, rich scarlet, good quality and produced in clusters. Somewhat like Sunrise in habit, but fruits are larger. It is an excellent variety for out-door culture when grown on stakes. **Pkt. 25c, oz. $2.25.**

Chalk's Early Jewel

A great favorite with gardeners. **The largest, smoothest and finest flavored early Tomato in cultivation.** Within a week or ten days as early as the famous Earliest of All; it is even a heavier cropper, with tomatoes of larger size and sweeter flavor. The large, handsome fruits are **very solid** and **deep through,** being almost round or ball shaped. Color, **brightest scarlet,** ripening right up to the stems without any cracks or green core. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75,** postpaid.

June Pink

Grows similar to Earliana. Fruit hangs in clusters of 6 to 10 fruits. Shows no tendency to blight. The uniform, smooth, attractively shaped, bright, pink tomatoes do not crack and are without any green core. **Per pkt. 10c, oz. 60c, ¼-lb. $1.75,** postpaid.

Golden Sunrise

Solid, smooth, and ripens early. This Tomato should be grown in every home garden; its flavor is less acid and more delicate than the red varieties, the flesh finer-grained, very tender, and of a handsome yellow color which makes it especially attractive when sliced with the red sorts. **Pkt. 15c, oz. $1.25.**

Main Crop Varieties

Livingston's Globe

The new Globe or Ball Shaped Tomato is ideal for the home garden. It is excellent for slicing without waste, one slice like another. The rich, juicy, meaty, Tomato flavor gives a certain zest and joy in the eating. The v nes ripen the first fruits with the second earliest, they yield a heavy crop and continue to bear until frost. The skin is glossy, smooth and a purplish pink, the flesh is firm and has few seeds. **Per pkt. 10c, oz. 75c, ¼-lb. $2.50.**

True Ponderosa, or Beefsteak

This grand variety is the monster of the Tomato family, the tomatoes often weighing 2 to 3 pounds each; of a rich bright crimson color and all solid meat; exceptionally free from seeds. **Pkt. 15c, oz. 75c, ¼-lb. $2.50.**

Dwarf Champion

Distinct in foliage and habit; compact and upright, fruits early. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

Plentiful or Magnus

The fruit, borne in clusters, is very uniform, quite round, but slightly flattened at stem and blossom end, a rich, glossy blood-red crimson permeates the flesh to the very heart, leaving no hard core inside the fruit. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

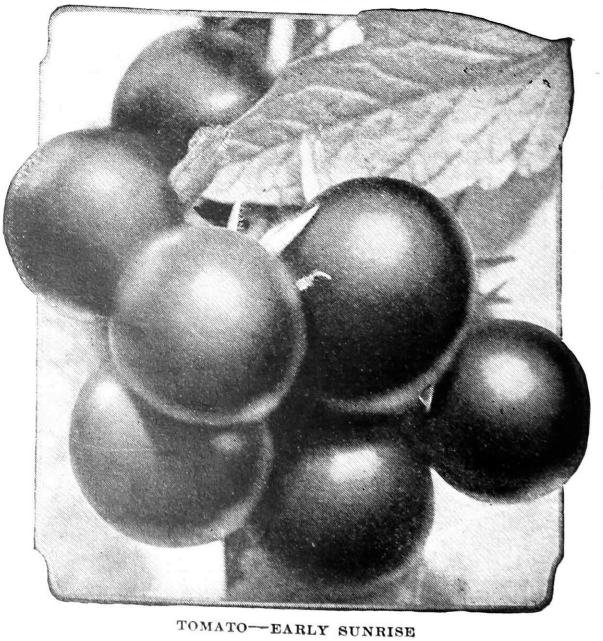
The Stone

The Best Main Crop Red Tomato. Color bright scarlet; very smooth, ripening even to the stem without a crack; exceedingly solid and firm fleshed; very large and very productive, an excellent shipper, quality the very best, not subject to rot, its appearance on market, remarkably attractive, a heavy variety. It is the standard main crop Tomato for market gardeners and truckers, and superior for canning. **Pkt. 10c, oz. 60c, ¼-lb. $1.75.**

Fancy and Preserving Sorts

Tomato, Strawberry or Barbadoes Gooseberry. A distinct variety; the fruit has a juicy pulp of a pleasant strawberry-like flavor; with the assistance of lemon juice it is frequently preserved like plums. **Pkt. 15c, oz. $1.75.**

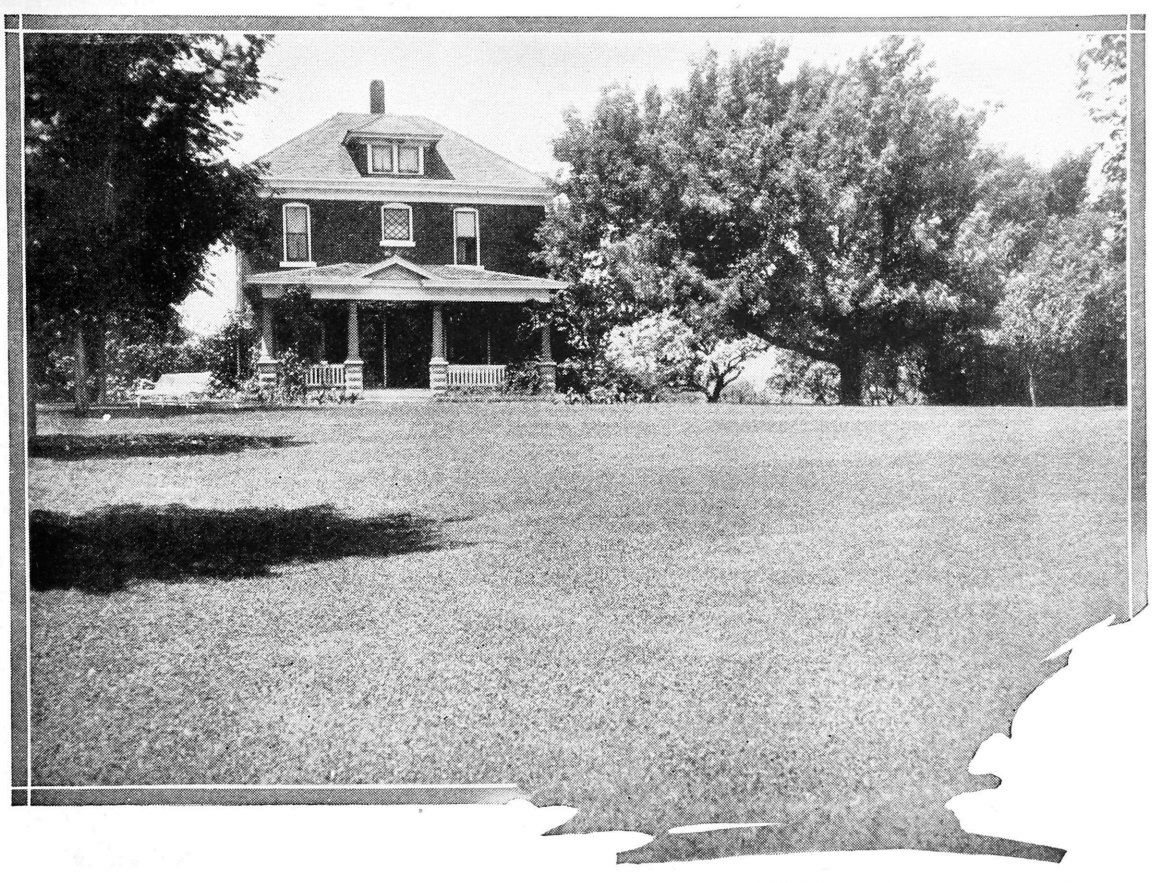
—Pear-shaped, Yellow, Yellow Cherry, Red Cherry, Yellow Peach, Yellow Plum. Pkt. 15c, oz. $1.75.



TOMATO—EARLY SUNRISE

GRASSES for LAWNS

The most Beautiful Lawns in Canada are Made with Steele, Briggs' Lawn Grass Seed



Steele, Briggs' "QUEEN CITY" Lawn Grass

Specially selected and analyzed for Purity and of the highest germination. Suited for our Canadian Climate, and will produce a fine green sward in ten weeks from seed.

We pride ourselves on our "Queen City" Grass Seed mixture. By comparative trials, we have found it to be unsurpassed for first-class permanent results. This is due to the fact that we have used only the very finest varieties of the most suitable grasses obtainable.

OF the two ways of making a lawn, seeding is not only much more effective but cheaper than sodding. In selecting the seed for "Queen City" Lawn Grass, the greatest care has been taken to obtain a proper mixture of the varieties, for this reason. The careful choice of early, medium and late grasses at their best during different periods of the season, and their scientific blending, assures a smooth, even, green lawn from early spring to late autumn.

Our long experience has given us an intimate knowledge of grasses their habits and requirements. In "Queen City" Lawn Grass Seed are included only the best varieties—pure, clean seeds. Strangers visiting Toronto frequently comment upon the beauty of its lawns, both in the public parks and about the homes of the residents. Our Lawn Grass Seed is used very extensively not only in our own city, but in all parts of the Dominion, and the demand for it is increasing every year. It is also used for tennis courts, croquet lawns, in parks, cemeteries and private grounds with unvarying success. Not only is "Queen City" Lawn Grass suitable for the making of new lawns, but it will be found equally valuable for quickly renewing imperfect, old and worn out areas.

"Queen City"—For making new lawns, use 150 to 200 lbs. per acre. For renovating old lawns, 50 to 100 lbs. per acre. For a plot 200 square feet, one pound is required for a new lawn and one-half pound for renovation. Price, lb. **70c**, postpaid **80c**; 10 lb. lot **65c** per lb., postpaid, **75c** lb.

Special prices for large quantities on application

Steele, Briggs' "Shady Nook" Lawn Grass Some lawns have bare and unsightly spots under trees and in shady places, where no amount of sodding or seeding will grow grass. "Shady Nook" Lawn Grass, composed of dwarf-growing varieties found in a natural state in just such places, will form a fine green sward. Lb. **80c.** postpaid **90c.** 10 lb. lots **75c.** per lb.; by mail, postpaid, **85c.** per lb. Special quotations for large lots.

White Clover This is the dwarf-growing clover used for lawns in many places. The color is dark green, the leaves are small and close together, making a desirable lawn. The chief advantage, however, is that white clover roots deeply and so requires less care and water and still looks well. Care is required in buying White Clover, as it is frequently mixed with other seeds which spoil it for a lawn. Pure White Clover is usually scarce and high in price. Our stock has been specially selected for lawn purposes. No. 1 Government Standard Fancy Quality lb. **60c**, postpaid **70c.**

All varieties of Grasses used in our mixtures have been graded by Dominion Government and have passed rigorous tests for Vitality, Purity and Germination.

Bulb Catalogue **A Catalogue of Bulbs for Autumn Planting and for Winter Flowering in the house, will be forwarded to customers who purchased Bulbs or Seeds the past season, and to others who ask for it. Ready about 1st September**



Special Grass Seed Mixtures

For Lawns, Athletic Fields, Shaded Lawns, Golf Courses, Recreation Grounds, Bowling Greens, Tennis Courts, Polo Grounds, Putting Greens, Croquet Lawns, Race Courses, etc.

Steele, Briggs' Fairways Grass Mixture A mixture of short-growing grasses that will stand the necessary wear and tear. Special mixtures are made up to suit the grounds and soil to be seeded. **Lb. 55c.**, postpaid **65c. 10 lb. lots, $5.00**, postpaid **$6.00.**

Steele, Briggs' Putting Green Mixture A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered for this purpose. The varieties comprising this mixture are all low-growing, fine-bladed and most hardy kinds that maintain their rich green color throughout the season. **Lb. 60c**, postpaid **70c, 10 lbs. 55c per lb.**, postpaid **65c per lb.** Special prices for large quantities.

Lawn Grass Seed Mixtures for Every Need

Our many years' experience with lawns and lawn problems have particularly fitted us for advising you with regard to your own lawn conditions. Each year we import immense quantities of the highest quality of natural grass seeds and properly blend them as our experience has proven to be best for our various lawn grass seed mixtures. Our success in lawn grass seed sales has been quite phenomenal, but we attribute it to the painstaking care used in selecting the separate grass seeds, to the proportion of each used in our various mixtures, to proper mixing, to the knowledge gained from our long experience, and last but not least, to our custom of supplying the proper mixture for each particular purpose.

Steele Briggs' Fancy Grades Natural Grass Seeds

Canadian Blue Grass **(Poa Compressa.)** One of the most vigorous grasses in cultivation, distinguished from Kentucky Blue Grass by its flattened, wiry stems and decidedly bluer color. **Per lb. 35c,** postpaid **45c,** by express or freight at customer's expense, **10 lbs. $3.00.**

Crested Dogstail **(Cynosurus cristatus.)** Does best on rich, moist land, but can accommodate itself to almost any soil. Forms a smooth, compact and lasting turf, which makes it desirable for lawns; color the same as Kentucky Blue Grass. Should be used only in mixture with other grasses. **Per lb. 50c,** postpaid **60c**; by express or freight at customer's expense, **10 lbs. $4.50.**

Prince Edward Island Bent **(Agrostis Tenuis.)** A luxuriant grass of rapid growth and spreading habit, forming a strong durable turf of fine texture, which makes it valuable for lawns and putting greens. **Per lb. $1.40,** postpaid **$1.50**; by express or freight at customer's expense, **10 lbs. $13.50.**

Perennial Rye **Fancy (Lolium perenne.)** A rapid growing variety, producing a strong verdant growth in from four to five weeks after sowing. Adapts itself to a diversity of soils. Valuable in mixture with other grasses. **Per lb. 25c,** postpaid **35c**; by express or freight at customer's expense, **10 lbs. $2.20.**

Perennial Rye Fancy Scotch Dwarf An improved type of Perennial Rye Grass valuable for lawns, of quick growth and makes an excellent nurse crop for other slower growing grasses. **Lb. 30c,** postpaid **40c. 10 lbs.** by express at purchaser's expense **$2.75.**

Kentucky Blue Grass **(Poa Pratensis.)** A true perennial grass, widely distributed throughout Canada and the United States. Frequently called "June Grass," owing to its blooming in that month. One of the best pasture or lawn grasses, forming a thick permanent growth of short-bladed turf, which is hardy, durable, and little affected by weather conditions. **Per lb. 55c,** postpaid **65c,** by express or freight at customer's expense, **10 lbs. $5.00.**

Red Top **(Agrostis Vulgaris.)** A valuable permanent grass, succeeding in almost any soil, but particularly suited to moist soils and low lands, where it reaches highest state of perfection. Makes good pasture when fed close, and is not affected by tramping; also desirable for use on lawns. **Per lb. 35c,** postpaid **45c**; by express or freight at customer's expense, **10 lbs. $3.20.**

Fescue, Chewings New Zealand **(Festuca chewings.)** Makes a fine, thick, durable turf that will withstand wear and tear and resist extremes of heat and cold; thrives on all classes of soils. Makes a good lawn and is particularly recommended for putting greens on golf courses. **Per lb. 50c,** postpaid **60c**; by express or freight at customer's expense, **10 lbs. $4.50.**

Wood Meadow **(Poa nemoralis.)** Adapted to shady situations in lawns and woodland parks where other grasses will not grow. One of the first grasses in spring and makes a rich green growth. Permanent and hardy, resisting extremes of heat and cold. Weight 14 lbs. per bush. **Per lb. 75c**; postpaid **85c**; by express or freight at customer's expense, **10 lbs. $7.00.**

Free with every Order: Steele, Briggs' Amateur Gardeners' Guide. Pointers on How to Grow Vegetables and Flowers from Seeds. Hints on Lawn Making, Care of Roses, Gladiolus and Begonias, Construction and Care of Hot Beds, Insect Remedies, etc.

Sold by all Leading Merchants

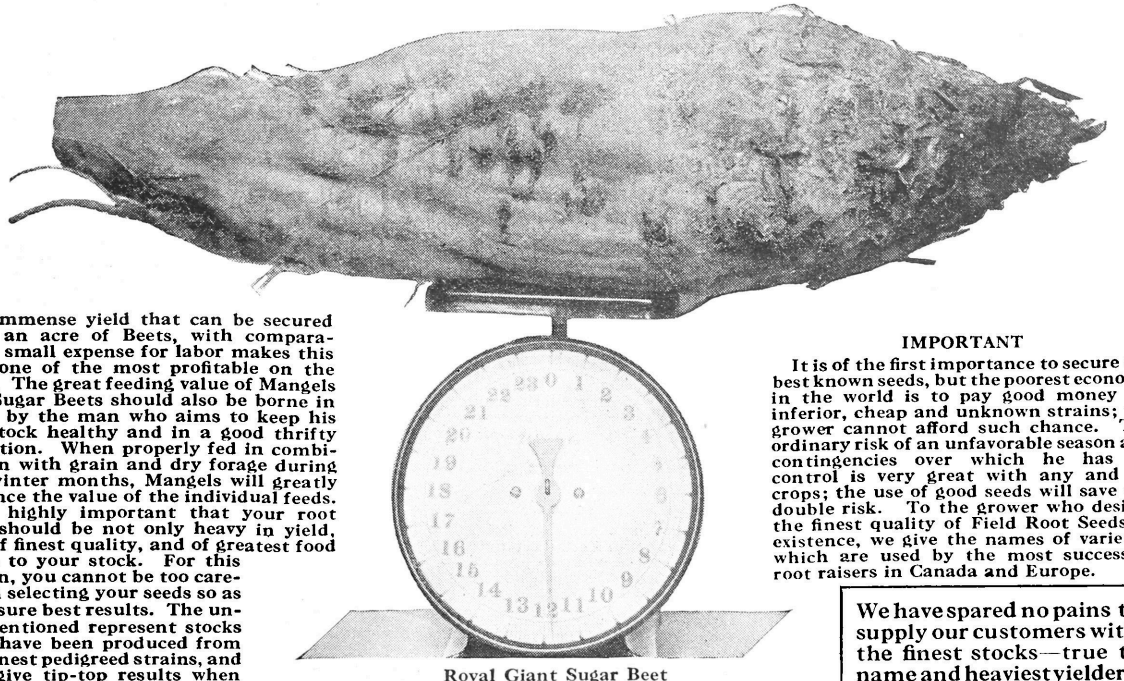
Steele, Briggs'

Reliable Seeds of Strong Germination

Famous Farm Root Seeds

NOTED EVERYWHERE FOR THEIR VIGOR AND PURITY

Sugar Beet



Royal Giant Sugar Beet

The immense yield that can be secured from an acre of Beets, with comparatively small expense for labor makes this crop one of the most profitable on the farm. The great feeding value of Mangels and Sugar Beets should also be borne in mind by the man who aims to keep his live-stock healthy and in a good thrifty condition. When properly fed in combination with grain and dry forage during the winter months, Mangels will greatly enhance the value of the individual feeds. It is highly important that your root crop should be not only heavy in yield, but of finest quality, and of greatest food value to your stock. For this reason, you cannot be too careful in selecting your seeds so as to ensure best results. The undermentioned represent stocks that have been produced from the finest pedigreed strains, and will give tip-top results when planted under favorable conditions.

IMPORTANT

It is of the first importance to secure the best known seeds, but the poorest economy in the world is to pay good money for inferior, cheap and unknown strains; the grower cannot afford such chance. The ordinary risk of an unfavorable season and contingencies over which he has no control is very great with any and all crops; the use of good seeds will save the double risk. To the grower who desires the finest quality of Field Root Seeds in existence, we give the names of varieties which are used by the most successful root raisers in Canada and Europe.

We have spared no pains to supply our customers with the finest stocks—true to name and heaviest yielders.

Sow 4 to 5 lbs. of seed per acre, any time from the first to the end of May, in drills from 2 to 3 feet apart, covering the seed a uniform depth; thin the plants 12 to 15 inches in the row. The long varieties do best in deep, sandy loam; the round varieties on the same if possible, but will succeed better on strong, stiff land.

Steele, Briggs' "Royal Giant"

A distinct type of Sugar Beet, producing not only a "Royal" good crop but roots of giant size and richest feeding quality. **The roots are longer than Danish** or any of the other varieties, heavy, even-shaped, holding their size to the ground, when they gradually taper to a point, stand upright, and **three-fourths of their length out of the ground.** They are so **easily harvested that they may be turned out with a push of the foot,** free from small or prongy roots. The color of the roots is bronzy-green nearest the top, the body of light green shaded, and changing to a bright rose above the ground, the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet and imparts a rich pleasant flavor to dairy products when fed to milch cows. **Our "Royal Giant" is the heaviest cropping Sugar Beet** known, the largest, handsomest and cleanest roots, the most easily harvested and most profitable Sugar Beet to grow. Sold only in 1-lb. sealed packages. **1-lb. 75c. By mail prepaid. By Express at customer's expense, lb. 65c, 5-lbs. $3.00.**

QUALITY

Our Great Leader is S.B.'s Royal Giant Sugar Beet. The strain is of such exceptional merit that to protect both our customers and ourselves, we send it out only in sealed packages.

Giant Half Sugar Rose

A very desirable strain for stock feeding. Produces large roots of exceptionally high nutritive value; extremely hardy; a long keeper; easily and cheaply harvested on account of shape and habit of growth. The roots above ground show a bright rose color and white below. Flesh white, sometimes tinged with red but firm, crisp and sweet. Sold in bulk only. **¼-lb. 25c, 1-lb. 65c. By mail,** postpaid, or by express at purchaser's expense, **5 lb. lot $2.50.**

Giant White Feeding Sugar Beet

Differs slightly from the Royal Giant in shape. The color of the skin is white, with a green top above ground. Produces large roots, and of good feeding value. **Lb. 75c,** postpaid; by express at purchaser's expense, **lb. 65c, 5 lbs. $3.00.**

Giant White Sugar Mangel

The Farmers' Favorite. Differs from the ordinary varieties of Mangel, from being much sweeter and in consequence more nutritious. The roots are large, smooth, firm, clean, of oval shape, stand about two-thirds out of ground and very easily pulled. The color of root is light green at shoulder, white beneath; flesh white, crisp, sweet, and of highest feeding quality. All mangels are of the Beet family. This variety is also called "White Feeding Sugar Beet." (Sold only in sealed packages). Price, **per lb. 75c,** postpaid; by express at purchaser's expense, **lb. 65c, 5 lbs. $3.00.**



Mangel Wurzel

For a good crop of Mangels, select a rich deep loam. The heaviest crops are invariably grown upon land which has been liberally manured and thoroughly cultivated. Artificial manures supplied at the rate of 500 to 1,000 lbs. per acre, with the addition of 300 to 400 lbs. of salt will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May in drills from 2 to 3 feet apart, covering the seed to a uniform depth, and thin the plants 12 to 15 inches in the row. The long varieties do best in a deep sandy loam; the round varieties on the same, if possible, but the Globe will succeed better on strong, stiff land than the long sort. **Sow four or five pounds of seed per acre.**

Steele, Briggs' Prize Mammoth, or Giant Long Red

Somewhat shorter but much thicker and broader shouldered than the Long Red variety, grows half out of the ground, massive, straight and regular in shape, carrying its weight well to tip of root, yields very heavy crops and is easily harvested. **Price, per lb. 65c,** postpaid; by express at purchaser's expense, **1lb. 55c, 5 lbs. $2.50.** Sold only in sealed packages.

Steele, Briggs' Giant Yellow Oval or Intermediate

A highly selected and improved strain of Yellow Intermediate, producing larger and heavier roots of smooth, even, elongated oval shape, growing nearly two-thirds above ground with a small top; skin, rich yellow; flesh white, firm, crisp and of rich quality. The best yellow Mangel grown. **Price per lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.** Sold only in sealed packages.

Steele, Briggs' Giant Yellow Globe

Roots are of a globe shape, large and uniform in size, with a small tap root and quite free from coarseness; bulbs are of grayish green at top, fine rich orange yellow beneath; flesh white, solid and of fine quality. The top has but few small leaves when matured. Well adapted to shallow or heavy clay soils where other roots often fail. **Price, per lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.** Sold only in sealed packages.

Steele Briggs' Ideal

A new and improved strain of Yellow Mangel that should be given a trial in all root growing sections. The roots are cylindrical in shape, very large, full and heavy in shoulder with similar size and shape at the bottom end, terminating bluntly with a small tap root; its circumference at the middle is a trifle less than at the ends; grows well above ground; and adapted to heavy soils; a great cropper and easily harvested. The skin is yellow; flesh white; sweet and rich in food value. **1 lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.**

Mangel Seed in Bulk

—**Golden Fleshed Tankard.** Most nutritious variety in cultivation, roots large ovoid, but filled out at the top and bottom, terminating with a small tap root, flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk producing qualities and very productive. **¼-lb. 25c, ½-lb. 40c, lb. 65c,** postpaid; by express at purchaser's expense, **1 lb. 55c, 5 lbs. $2.50.**

—**Mammoth Long Red.** A good standard variety. ¼-lb. **25c,** ½-**lb. 40c lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.**

—**Giant Yellow Intermediate.** Remarkably even in shape, rather elongated, of vigorous growth and has a fine neck; flesh white, firm and sweet; produces enormous crops, and is an excellent keeper. **¼-lb. 25c, ½-lb. 40c, lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.**

—**Yellow Leviathan.** The description of the Giant Yellow Oval Mangel corresponds with that of the Yellow Leviathan, the roots produced being practically identical but supplied under different names. **¼-lb. 25c, ½-lb. 40c, lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.**

—**Yellow Globe.** (Select). Very productive, color light yellow, handsome shape and good keeper. **¼-lb. 25c, ½-lb. 40c, lb. 65c,** postpaid; by express at purchaser's expense, **lb. 55c, 5 lbs. $2.50.**

Field Carrot

Sow seed in drills, 18 to 24 inches apart, about the 5th of May, and when about 3 inches high, thin out from 4 to 6 inches apart. Two or three pounds is the usual quantity of seed per acre.

Steele, Briggs' "Improved Short White"

A sure cropper and very heavy yielder; splendid shape, easily harvested and most uniform in size. A great favorite with cattle men.

It may properly be called "Little Giant." Seldom exceeds 16 inches in length, and has been grown to measure 27 inches in circumference; stands nearly one-fourth out of the ground, with a strong, handsome top, broad and heavy at the shoulder, tapering evenly to a point as perfect as if turned in a lathe. The color is pale green above ground, and a light creamy white under ground; flesh rich, white, solid, sweet and very nutritious. Under good cultivation it has yielded 1,000 bushels per acre. Sold only in sealed packages. **Pkt. 10c, ¼-lb. 65c; ½-lb. $1.25; 1-lb. $2.20,** postpaid.

Large White Belgian

Grows one-third out of the ground, root pure white, green above ground, with a small top, flesh rather coarse, but the roots on light rich ground, grow to a large size and are extensively grown for stock feeding. **¼-lb. 65c; ½-lb. $1.20; 1-lb. $2 20;** postpaid.

Large Orange or Red Surrey

A popular field variety, large, fine quality, tapers regularly to a point. **¼-lb. 65c; ½-lb. $1.20; 1-lb. $2.20;** postpaid.



Swede Turnips or Ruta Baga

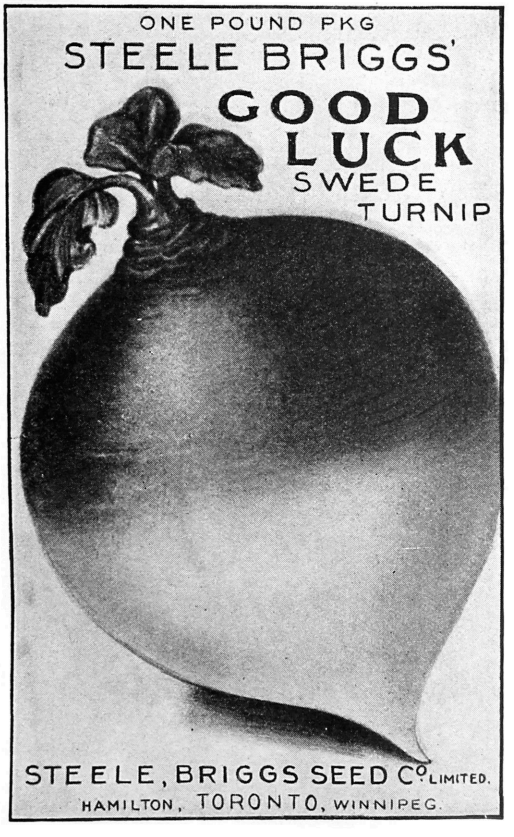
Sow from 2 to 3 lbs. per acre in drills

Best results are obtained by sowing the seed from the 20th of June to the middle of July, in ground previously enriched with well rotted manure, in drills about two and one-half feet apart, covering about one-half inch deep. Thin the young plants 8 to 12 inches apart in the row. When the roots are full grown and before hard freezing weather, pull them, cut off the tops and store in a root cellar or pit.

Our stock of Turnip Seed has been grown from carefully selected bulbs by growers of highest standing, and includes the most desirable varieties in cultivation. So zealous are we for the reputation of our specially improved strains, that we do not send them out **except in sealed packages.** It is money well spent to do this —it protects both ourselves and our customers.

Steele, Briggs' "Selected Purple Top"

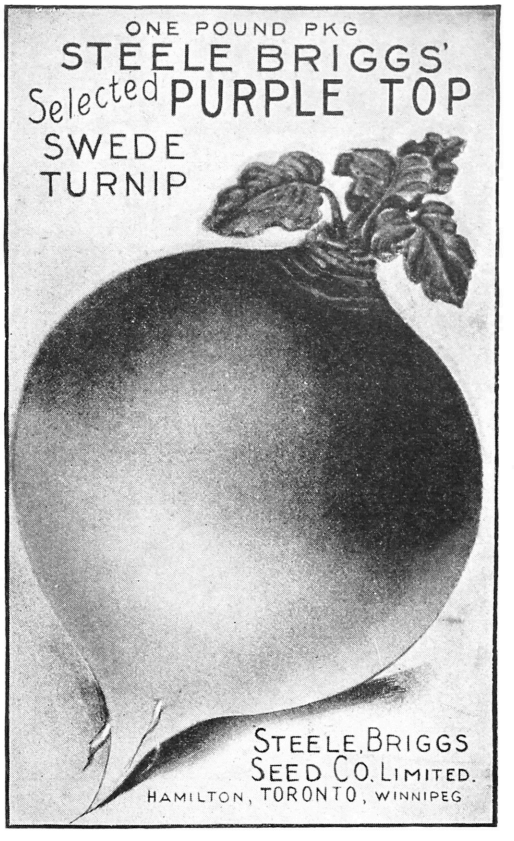
The first variety of Swede Turnips to be put up and sold only in sealed packages by ourselves in 1884. Since that time it has had a constantly increasing demand by growers who appreciate a good cropping variety. It is of Scotch origin and has been improved by selections from year to year. Its round, large, smooth deep purple bulb gives it a fine and attractive appearance. A heavy cropper and an excellent winter keeper. (Sold only in sealed packages). ¼ **lb. 30c,** ½**-lb. 55c; 1 lb. 90c,** postpaid, by express at purchaser's expense, **1 lb. 80c, 5 lbs. $3.75**

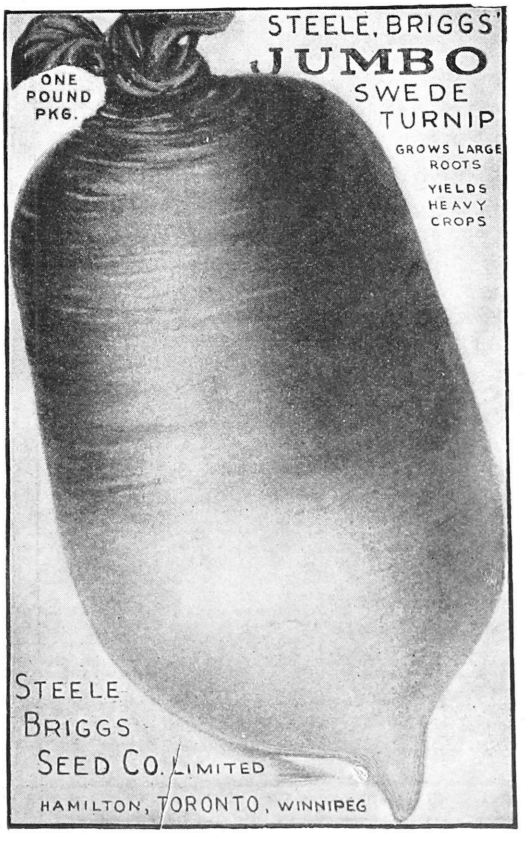


Steele, Briggs' "Good Luck" Purple Top

Since first offering this highly valued Purple Top Swede in 1904 it has become one of the leading varieties among Canadian root growers.

The bulbs are of oval shape, large, clean and of handsome appearance. In England and upon our own trial grounds it sustains the claim of being the finest swede of the later introductions. (Sold only in sealed packages.) Price, ¼**-lb. 30c,** ½**-lb. 55c, 1 lb. 90c,** postpaid; by express at purchaser's expense, **1 lb. 80c, 5 lbs. $3.75**





Steele, Briggs' "Perfection"

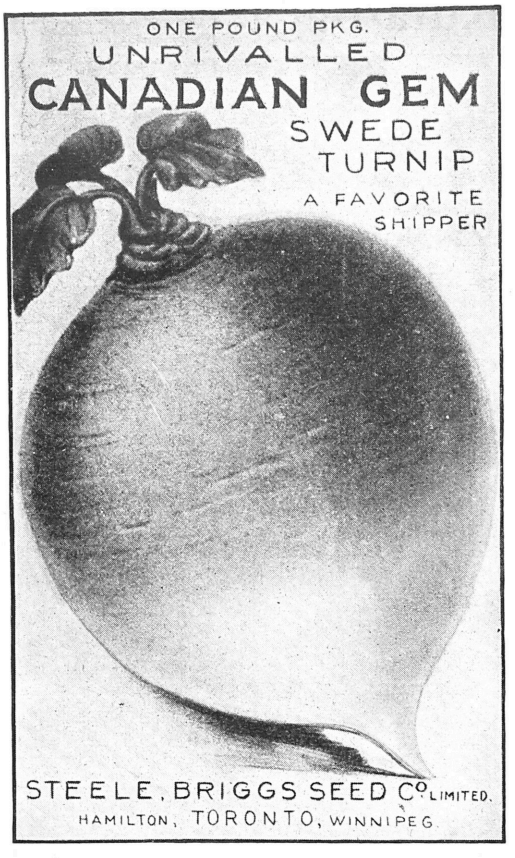
Another select strain of Swede which we first offered in 1897; grows large round well formed bulbs, very clean and free from prongy roots; easily harvested and an excellent cropper. Bulbs are of a deep purple color above ground, yellow beneath; flesh rich yellow, solid and good. A good keeper. (Sold only in sealed packages.) **Price,** ¼**-lb. 30c,** ½**-lb. 55c, 1 lb. 90c,** postpaid; by express at purchaser's expense, **1 lb. 80c, 5 lbs. $3.75.**

Steele, Briggs' "Select Westbury"

This has long been a favorite variety of Purple Top Swede Turnip with many growers. Produces large, clean, round shaped bulbs; flesh rich yellow, very sweet flavored, a good crop producer and winter storer. It is being largely grown for shipping to the American market. (Sold only in sealed packages.) **Price,** ¼**-lb. 30c,** ½**-lb. 55c, 1 lb. 90c,** postpaid; by express at purchaser's expense, **1 lb. 80c, 5 lbs. $3.75.**

Steele, Briggs' "Jumbo"

Since our introduction of this wonderful Swede in 1892 it has become the most popular variety grown in Canada. It is sold in England, where it originated, under many names. The roots are large, handsome and tankard shaped, with small neck and top; color of root purplish crimson above ground, yellow beneath; flesh yellow, solid and rich in food properties; stands well out of the ground, a heavy cropper and good winter keeper. Our supply is grown for us by the originator, and closely selected each season. A very high-class Swede. (Sold only in sealed packages.) **Price,** ¼**-lb. 30c,** ½**-lb. 55c, 1 lb. 90c,** postpaid; by express at purchaser's expense, **1 lb. 80c, 5 lbs. $3.75.**



"Canadian Gem" Swede

A "Twentieth Century" acquisition and possibly the best drought and mildew resisting Swede known. Bulbs are of medium uniform size, nearly round, of a purple color above ground, yellow underneath; flesh rich yellow, crisp sweet and juicy; small top and neck. It ia "Gem" and largely grown for shipping purposes. None better for storing. (Sold in sealed packages only), **¼-lb. 30c, ½-lb. 55c, lb. 90c,** postpaid. By express at purchaser's expense, **lb. 80c, 5 lbs. $3.75.**

List of Bulk Purple Top Varieties

The following are some of the newer strains and including the most desirable sorts of the older varieties well known by all growers.

Price, each, ¼-lb. 30c, ½-lb. 55c, 1 lb. 90c, postpaid; by express at purchaser's expense, 1 lb. 80c, 5 lbs. $3.75.

Swede, Imperial Purple Top. Small neck and single tap root, uniform in size.

—Bangholm. Improved, Purple Top. A standard variety, large size.

—Monarch or Elephant. A large crimson top variety of merit.

—Champion Purple Top. Fine shape and size. Good keeper.

—Skirvings, Select Purple Top. A well-known variety.

BRONZE TOP SWEDES—Steele Briggs' "Durham" Swede

Since 1914 it has continually increased in favor with those who appreciate a bronze top sort. It produces heavy crops, the bulbs are large, round, clean, very uniform in size, of a deepish bronze green color, underneath the skin is a cream yellow, flesh light yellow, firm, crisp and sweet—none better for stock feeding and excellent as a table variety. (Sold only in sealed packages), **¼-lb. 30c, ½-lb. 55c, lb. 90c,** postpaid. **By express, lb. 80c, 5 lbs. $3.75.**

Kangaroo Swede

Very hardy and in high favor with all root growers who have used it, on account of its heavy crop producing and excellent keeping qualities. Grows somewhat tankard shaped carrying its size and weight well to the bottom of the root; color deep bronzy green, shading to a light yellow at bottom, flesh light yellow, firm and sweet; grows well out of ground, free from coarseness and easily harvested. A popular widely grown variety. (Sold only in sealed packages), **¼-lb. 30c, ½-lb. 55c, lb. 90c,** postpaid. By express at purchaser's expense, **lb. 80c, 5 lbs. $3.75.**

Haszards Improved Swede

A most excellent variety for field or garden cultivation, the bulbs grow very uniform in shape and size; of a beautiful bronzy green color above ground; flesh is sweet and tender, of a light yellow color free from the strong flavor which is found with the purple top sorts. A good shipping or stock feeding variety. (Sold in sealed packages only), **¼-lb. 30c, ½-lb. 55c, lb. 90c,** postpaid; by express at purchasers' expense, **lb. 80c, 5 lbs. $3.75.**

—Halewood Bronze Top. A favorite Scotch variety, heavy cropper, good keeper. Price, **¼-lb. 30c, ½-lb. 55c, 1 lb. 90c,** postpaid. By express at purchaser's expense, lb. **80c, 5 lbs. $3.75.**

—Hartley's Bronze Top. Oval-shaped bulbs, large and solid, small neck and single tap root; rich in quality, productive and a good keeper. **Price, ¼-lb. 30c, ½-lb. 55c, 1lb. 90c,** postpaid. By express at purchaser's expense, **lb. 80c, 5lbs. $3.75.**

Turnips, White and Yellow Fleshed

A very profitable crop to grow for early fall feeding as they grow and mature quickly. Can be sown as late as middle of July, and often sown where the Swede crop has been destroyed by the fly. They remain good for feeding until well into January, then become spongy and liable to spoil.

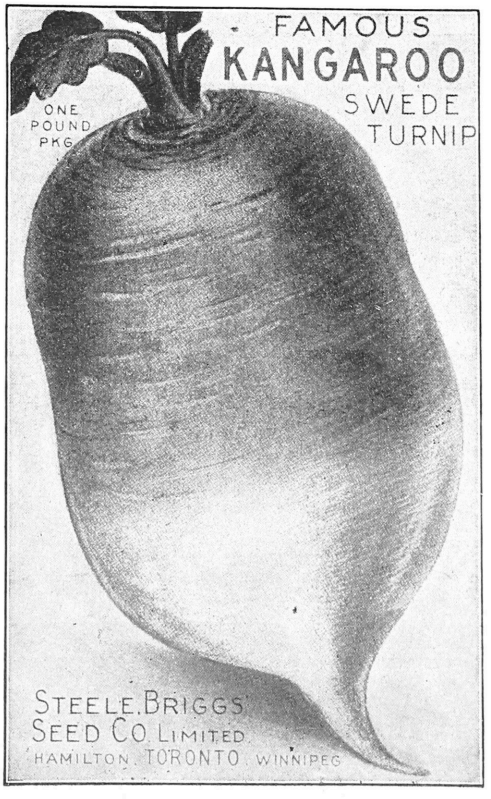
Prices, ¼ lb. 30c, ½-lb. 50c, lb. 80c, postpaid; by express at purchaser's expense, lb. 70c, 5 lbs. $3.25.

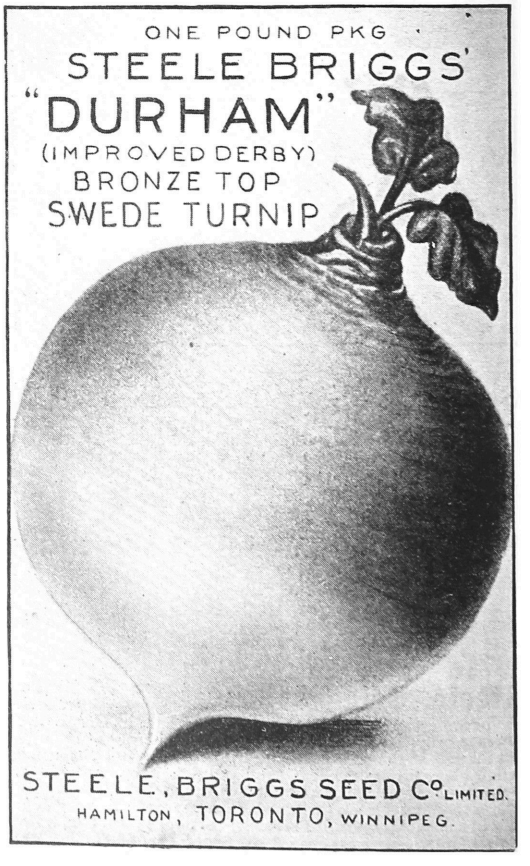
Turnip, Aberdeen Yellow, Purple Top. An excellent variety for early winter feeding, and deserves to be grown more generally.

—Devonshire Greystone. A very useful kind of Turnip, which produces an immense crop of excellent quality; it is of great value for feeding off early and well adapted to late sowing.

—Purple - Top Mammoth or Improved Greystone. Produces a greater weight per acre in a given time than any other turnip, and it will grow remarkably heavy crops on poor soil. Flesh very solid and nutritious; fine shape, a certain cropper, and will stand the winter if sown late in the season.

—Pomeranian White Globe. Roots globular, large sized, and adapted to early feeding.





Steele, Briggs' Seeds are sold by Leading Merchants throughout Canada—Insist on having them—They are the best.



Steele, Briggs High-Grade Clover Seeds

Selected, Northern Grown Government Standard stocks of the highest standard.

Our Brands are your protection. They represent the very finest quality of seeds that can be produced or bought at any price. We cannot emphasize too strongly the sterling quality and value of **LION BRAND SEEDS.** No standard set by law, no competition has ever changed the policy of Steele, Briggs Seed Co. selling only seed stocks of the highest possible standard.

We Cannot offer to our customers any better value than the Brands listed in this Catalogue of Red Clover, Mammoth Clover, Alsike, Alfalfa and Timothy. They are all carefully selected, tested for purity, and germination, ensuring the fullest measure of success under any ordinary conditions. For better crops sow Steele Briggs' reliable Seeds.

Red Clover (Trifolium Pratense). Medium or early, this is considered to be the most valuable of the clover family. It produces two crops each year. The first is usually cut when in blossom for hay, the second crop may be harvested for seed, cut for hay or ploughed under to fertilize the soil. The proper time to seed is in the spring, and if no other grasses are used, should sow ten pounds per acre.

Lion Brand Red Clover, Government Standard No. 1, Steele, Briggs' highest standard, the cream of the crops, the best seed known to the trade, the demand for this grade usually exceeds the supply.

Tiger Brand Government Standard No. 1, seed of highest quality for purity and germination, northern grown.

Wolf Brand Government Standard No. 2, good quality for general seeding.

Mammoth Red Clover (Trifolium Pratense Perenne). This variety is similar to the Medium Red, but its habit of growth is more rank, produces more fodder and is more desirable for cover crop, sow eight to ten pounds per acre.

Lion Brand Mammoth Red, Steele Briggs' Highest quality, Government Standard No. 1.

Daisy Brand Government Standard No. 1, good quality for general seeding.

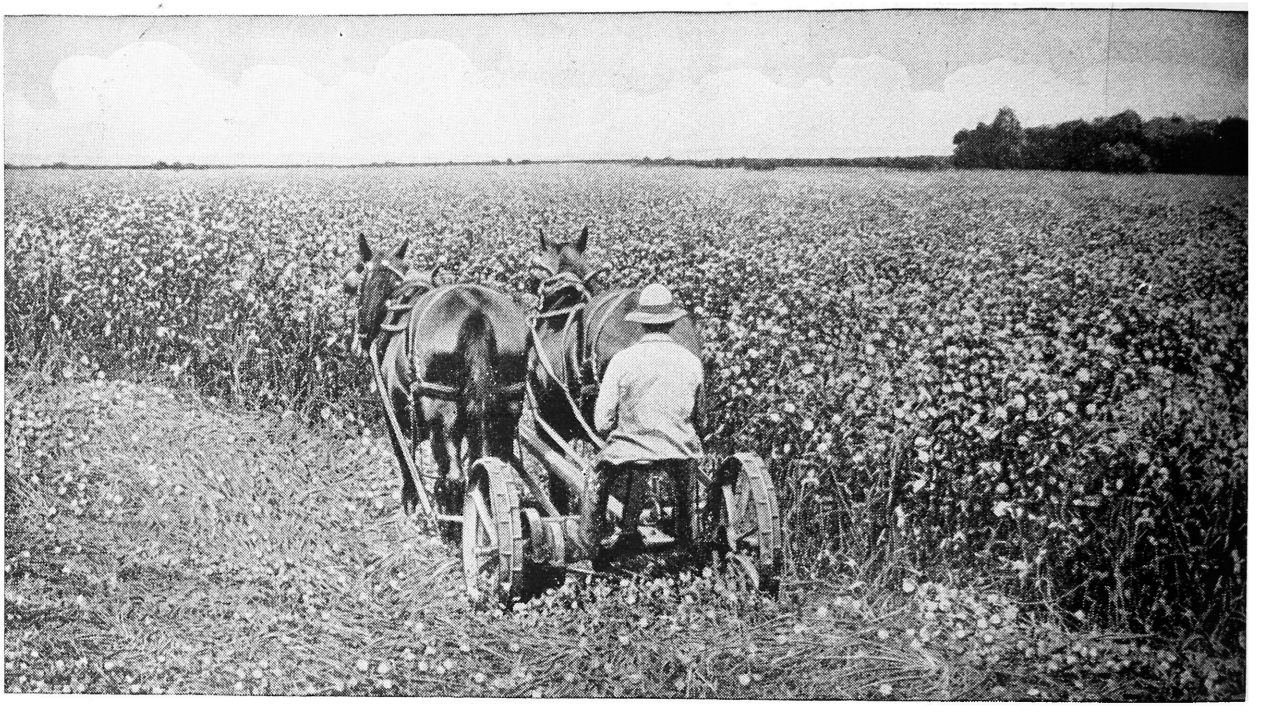
WHY SOW CLOVER

It does not exhaust the soil, but improves it.
To make two cuttings of fine hay a year.
To make an excellent pasture.
To put humus in your land.
To make your land friable and easily worked.
To increase the yield of the crop that follows it.
To save in your fertilizer bill by storing nitrogen in your soil.
Because it belongs in every crop rotation.
Because it is the corner-stone of good farming.

Send for samples and prices for comparison when ready to buy.

CLOVERS The Finest Northern-Grown Stock

For Prices on large quantities send for our Special Clover, Grass Seed and Grain Price List. Ready Feb. 1st.



Alsike Clover (TRIFOLIUM HYBRIDUM) 6 to 10 lbs. per acre. Considered to be a cross between Red Clover and White Clover. A hardy variety, suitable for all kinds of soil, but does best in low ground and damp locations. It is deservedly in repute as one of the best perennial Clovers, is well adapted to nearly all districts of this country, and is now generally approved of in all mixtures of grasses and clovers.

"LION" BRAND, Government Standard No. 1. The finest quality specially selected, recleaned for seed growing purposes.

"EAGLE" BRAND. Government Standard No. 1. Fine Quality for general seeding.

"HAWK" BRAND. Government Standard No. 2.

White Clover (TRIFOLIUM REPENS) 4 to 5 lbs. per acre. Sometimes known as Dutch Clover. This is a small creeping perennial, valued in pasture mixtures and considered by many desirable for lawns. It is the hardiest of all clovers, and adapts itself readily to all kinds of soil. It seems to endure summer heat better even than Blue Grass. It is not recommended to be sown alone, but is excellent for pasture mixtures, as it will not tramp out. It is of running, trailing, growth and serves to bind the soil together and prevents washing. Most valuable in mixtures for permanent pastures, forming in conjunction with natural grasses the finest and most nutritious food for cattle and sheep.

WHITE CLOVER, "FANCY", Government Standard No. 1.

CHOICE, Government Standard No. 2.

Crimson or Scarlet Clover (TRIFOLIUM INCARNATUM) An annual variety. The yield of fodder is large; after cutting, it at once commences growing again and continues until destroyed by frost. It can be sown in April or May, and produces an abundant crop in fall for seeding green or for hay, it is highly recommended as a soiling crop for ploughing under. Sow 10 lbs. per acre. **"FANCY"** Government Standard, No. 1.

Sweet Clover (WHITE BLOSSOM) MELILOTUS ALBA. **Sweet Clover** is grown for green forage, for its value as a pasture plant and as a soil fertilizer and restorer. It gives promise of becoming a rival of Alfalfa on many soils. Its real value is beginning to be appreciated.

It is a biennial plant and bears close resemblance to Alfalfa but it is large and coarser in growth. It will grow on soils on which Alfalfa cannot thrive and will make excellent growth on lands so hard and barren that they will sustain scarcely any other vegetation.

Lion Brand Fancy Government Standard No. 1 (Scarified).

Choice Government Standard No. 1. (Scarified).

Cattle fed upon Sweet Clover will not bloat

When grown for hay, one crop and sometimes two may be cut the first season. The second year, two or three crops may be cut. It should be mowed just before it commences to blossom and before the stems become hard and woody. As it is tall growing and stools very freely, the yield of green forage is tremendous. When the plants die they add to the soil immense quantities of nitrogen and humus, restoring old, worn out lands to crop producing ability. Special prices for large quantities.

Yellow Blossom (MELILOTUS OFFICINALIS). This variety belongs to the same family as White Blossom Sweet Clover but it is not so prolific in growth, will not produce so large a tonnage, does not grow quite so tall, is of finer texture and is from ten days to three weeks earlier. The flowers are yellow instead of white. For bee pasture and fertilizing purposes, we believe it to be equally valuable, and for hay or pasture it is quite as desirable.

Fancy Government Standard No. 1 (Scarified).

Choice Government Standard No. 2 (Scarified).

Hubam Clover **The New Annual Forage Crop.** "Hubam Sweet Clover is an annual, and on well limed fertile land will make a very satisfactory growth and can be sown in the Spring like any other clover and seed harvested the same season.

"The earliness which the plant begins to bloom after seeding compared with the long season which it will remain in bloom makes it very desirable as a bee pasture and bee keepers are enthusiastic about it. It is claimed that Hubam produces more honey than any other clover known and is of excellent flavor quality."

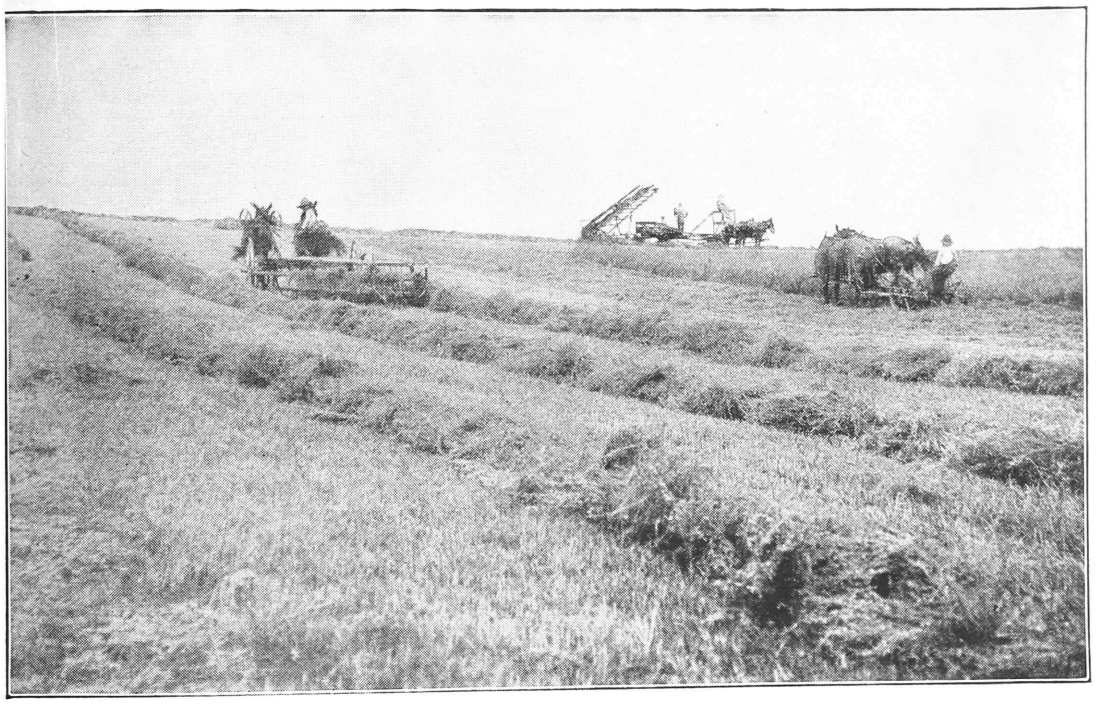
What Would You Think of a Crop—

1. That seeded broadcast—produced in 90 days three feet of leafy fine stemmed hay which is relished by all kinds of live stock?
2. That seeded broadcast in the spring on small grain produced a ton to a ton and a half of hay after the grain was harvested?
3. That proved to be a most valuable honey crop?
4. That sown in August as a nurse crop for Alfalfa—produced one ton of Hubam hay and left a good catch of alfalfa?
5. That produced green growth for August pasture when June grass was brown?
6. That sown August 1st in orchard gave a luxuriant fall growth to serve as a cover crop?
7. That is a great soil builder? One grower states—"Hubam is a marvel. It will be a wonder for our light soils. A good crop turned under is worth $20 per acre as fertilizer"

Owing to MARKET CONDITIONS it is Impossible to give Firm Prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalogue goes to press. If interested, send for our SPECIAL PRICE LIST, ready February 1st.

STEELE, BRIGGS' ALFALFA

Sow only genuine Northern Grown Hardy Strains



Alfalfa **Ontario Grown Certified. The Supreme Leader of All the Clovers.** No crop ever grown has had such a conspicuous place in increasing the profit from agriculture as alfalfa. Its long fibrous roots working their way far down into the soil liberate, after the hay is cut, an immense volume of plant foods to be drawn on for years to come by future crops. It can be cut 3 to 5 times a year and produces from 3 to 7 tons of hay per acre. As a feed for cattle, swine, poultry or stock of any kind, owing to its large percentage of protein, it is unsurpassed. Can be grown successfully anywhere. Lime must be supplied or the plants will fail. Suggest using 1 to 2 tons of lime per acre before planting alfalfa seed. Sow from 15 to 25 pounds per acre in April or May or July and August.

We again warn our many customers, that great care should be exercised in sowing only the strains of Alfalfa seed adapted to our Northern climate. Seed matured in the north costs a little more money, as it costs more to raise, for the reason that Alfalfa being a semi-tropical plant, special selection and cultivation with attendant fertilizers are involved. The reputation of Northern grown Alfalfa Seed, like many other good things has suffered many adversities.

Alfalfa is a leguminous plant, just as are Peas, Beans and Clovers. It is a perennial and will live and thrive for many years, under favorable conditions. It is successfully grown now in many sections, where ten years ago, it was considered impossible to grow it. However, it thrives best on clay or clay loam, but must be well drained.

For Hay It is nearest to a properly balanced ration of any crop grown and will produce four to six tons per acre, should be seeded with spring grain or on established fields of Fall Wheat and may also be sown in August. Seed with fifteen to twenty lbs. per acre.

For Pasture Alfalfa has no equal among forage plants, it is most palatable to all live stock. Its rapid habit of growth produces enormous quantity of food value per acre. For dairy cows, it cannot be surpassed.

For Ensilage It is particularly valuable, as it makes early and rapid spring growth, and is ready to cut before any other green feed. It is also a splendid silage feed, and may be mixed with corn or other fodder to good advantage.

Seeding Sow Steele, Briggs' Alfalfa, fifteen to twenty pounds per acre.

Grimm Alfalfa "Northern Grown"

Our experience with this strain of Alfalfa has convinced us that considerable seed is sold under this name, which is of **doubtful origin,** and in view of which we have of late years confined our purchases of this variety to the original sources. Knowing our source of supply as we do, we are able to vouch for the quality and true type of our Grimm strain, which is put up under our own seal.

Northern Grown Seed is the best able to withstand climatic conditions. It is well worth the price in comparison with the other varieties offered, especially for the colder parts of our country.

We have only a limited stock to offer this season, considering the value and demand for it.

Steele, Briggs' "Lion Brand" Canadian Variegated

Pedigree Stock. For our **"LION" Brand** we obtain the plumpest and finest colored seed which grows. This seed is selected from the best seed produced. Seed known for the combination of the following valuable qualities: Purity, Germination, Cleanness and Appearance. Grown from specially selected Northern Grown seed stock, under Government supervision and put up in bags under Government seal. The fields from which "Lion Brand" was saved, have been standing from fifteen to twenty years, and during that time have been continually inspected, the result being a seed sample of unsurpassed quality and purity. Send for samples and Special Quotations on Clovers, Grasses, Seed Grain, etc., before ordering. Ready about 1st February.

Canadian Variegated Alfalfa "Peel County Grown."

This special stock of the **same type as Grimm, being more or less variegated,** and the crop would pass for that variety—in fact, it has really more claim to be called **Grimm** than seed which is often sold under that name. Our trial plots of this variety show a very decided superiority over all others in every way, both in stand of plants and healthiness of growth. The sample is strictly high grade, pure, clean and strong. **Hardier seed cannot be obtained.** Growers preferring Grimm, but hesitating at the price, will make no mistake in securing this variety. Send for Samples and Special Quotations on Clovers, Grasses, Seed Grain, etc., before ordering.

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GRASSES



Timothy

(PHLEUM PRATENSE) Easily Handled. Easily Cured. Very Palatable. 48-lbs. to a bus.; 1-qt. equals 1½-lbs. Sow from 6 to 8 lbs. per acre. Timothy for both hay and pasture grows more or less vigorously on a wide range of soils in all the provinces of Canada. Nevertheless to grow it at its best, the soil should be rich and moist and fairly well supplied with humus. It is a perennial and will last many years. It does well in mixtures of clover and alsike.

Now as regards the quality of seeds to sow.—Every season we have many lots offered us that, to look at, the Timothy itself may be big, bright, unhulled, grand stuff, but on close inspection, it reveals some foul seeds. Such lots are apt to deceive the farmer who has not had the experience in judging these little points. Every lot should be judged from the standpoint of complete **maturity, strong germination, cleanness,** and **freedom from other seeds.** It requires expert knowledge and proper appliances to examine thoroughly.

Steele, Briggs' "Lion" Timothy

Government Standard No. 1. "Lion" brand is specially selected for purity, vitality and freedom from other seeds, and is the one best value on the market. Clean flail-threshed and unhulled. The finest quality obtainable. Bright, large, clean seed, safe for the cleanest land. The seed that critical farmers demand.

Beaver Brand.

No. 1 Government Standard. This grade is very popular; it is free from waste and useless light matter which is often left in seed but should not be there.

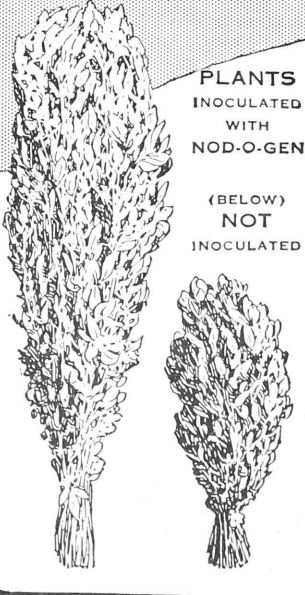
Steele, Briggs' "Ermine" Timothy

Specially selected for purity and high germination. This brand appeals to the farmer. It is strictly Government Standard No. 1 for purity. Large, healthy, well-matured seed, the only difference between this grade and "**LION**" brand is that "**ERMINE**" may be a little hulled, otherwise it is quite equal as to growth and purity.

PIN YOUR FAITH TO THESE

We cannot offer our customers any better value than the brands listed. You will find Steele, Briggs' Stocks and service reliable. For better crops, sow Steele, Briggs' Seeds.

INOCULATE WITH NOD-O-GEN



For Legume Crops

The cheapest and easiest way of improving crops and soil.

The Legume crops when not inoculated rob the soil; inoculated with the right bacteria, they feed the soil, grow more vigorously and contain a higher percentage of valuable feed proteins.

Nod-O-Gen Easiest and Surest Form of Inoculation

Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of baeteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

Moreover Nod-O-Gen is easiest inoculation to use, requiring no equipment or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure.

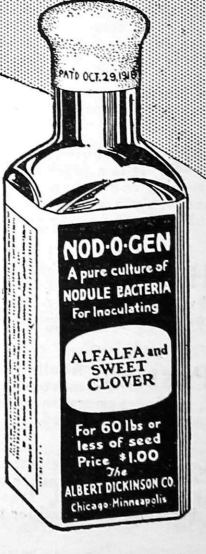
Prices for Nod-O-Gen

For Alfalfa, Sweet Clover, Red Clover and other Clovers (specify which):
½ bu. size ..... $ .60
1 bu. size 1.00

For Soy Beans, Cow Peas, Field Peas and Beans and Vetches (specify which):
1 bu. size ..... $ .50
5 bu. size 2.00

For Garden Peas, Sweet Peas, Garden Beans and Limas:
Garden Size ..... $ .25

Always specify names of crop as well as size of culture wanted.



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Grasses and Forage Plants



Western Rye Grass (Agropyrum Tenerum)

Sometimes called slender wheat grass. 14 lbs. is a standard bushel. A native of the west and the only variety growing wild on the Prairies which up to the present time has made itself a name among the cultivated grasses. It is a perennial, and, properly speaking, a Bunch Grass. It is the famous bunch grass of the bunch grass ranges of the Canadian West. Hardy under all conditions. One of the very best. Affords early pasture and first-class hay, being very nutritious. It yields in hay from 1 to 3 tons per acre, depending on the soil and season. Grows in all classes of soils. None of the cultivated grasses excel it for growing under dry conditions. It may be sown along with spring grain. It will hold its place for years, if let alone, but one plowing will destroy it. Western Rye is easily handled—as easy as Timothy, both in seeding and in curing for hay. Sow 12 to 15 lbs. per acre. **Price per lb. 25c,** postpaid **35c, 10 lbs. $2.20,** by express at purchaser's expense.

Tall Meadow Oat Grass (Avena elatior). A very rapid growing variety, recommended for hay or pasture mixtures. **Per lb. 40c,** postpaid **45c, 10 lbs. $3.70,** by express at customer's expense.

Brome Grass (Bromus Inermis). This grass is pre-eminently suited to all conditions, moist or dry, light or heavy soil, cold or heat. It is very tenacious and should not be sown near the farm buildings. But in the open fields it is one of the best all-round grasses yielding enormous crops of splendid hay, and affording early and late pasture and filling the land with roots and fibres, so essential especially on light and long-worked soils, for succeeding grain crops. It is very nutritious and animals are very fond of it either as pasture or hay. It starts growing very early in the spring, and keeps green later in the autumn than most other varieties. On driest soils it usually grows a fair crop and places covered with water for a week or two in the spring suit Brome very well. The heaviest crops are grown on good average soil with a fair amount of moisture. When desired to get rid of it we believe the best plan is to "break up" the sod right after cutting the crop for hay—then let the ground lie until late in the fall, when it should be plowed again fairly deep. Use 14 lbs. to the acre. **Price, per lb. 30c,** postpaid **40c, 10 lbs. $2.60, 100 lbs. $24.00,** by express or freight at purchaser's expense.

Millet

A Sure Crop to Cover Up a Hay Shortage

48 lbs. to the bushel. Sow 36 lbs. per acre, even up to 45 lbs. if the land is in good condition and the crop wanted early.

Millet is an Annual forage plant that fills an important place in our Canadian Farming System. It is quick growing, prolific, and does well under average soil and climatic conditions, producing a good sure crop of hay. Being a true grass of rank growth, it is one of our best crops for smothering weeds and as an emergency crop is unexcelled.

Millet to the Relief

Where it has been impossible to get land ready for seed in May or June; where it is too late for reseeding grain or, where Sweet Clover or Alfalfa has Winter killed, Millet comes to the relief. It is a good drought resister but does best on moist soil with a well prepared seed bed. It does well on new breaking if the soil is rich and porous and cultivated finely. The Millets make excellent feed for Cattle, Horses and Sheep, either as pasture or hay.

Quick Growing and Prolific

The varieties grown in this country are divided into two classes, viz.: the **Forage Type** and the **Grain Type.** Siberian, Common and Hungarian belong to the Forage type—these have all similar characteristics in growth and appearance of the plant. Japanese is also a forage type, although entirely distinct from the others. Of the Grain Millet varieties, the Hog type is the most suitable variety.

Excellent Feeding Value

Siberian Originally from Russia. The seed of this variety is quite distinct in color, being an orange shade—the beard and chaff are similar to Hungarian. The leaves start close to the ground and continue nearly to the top of the stem. **It does not grow coarse, but makes fine hay.** The plant matures at the same time as Common and Hungarian and resembles these varieties in all respects.

Hungarian No other variety is so well known for hay as Hungarian Millet. It does not grow as coarse as some other Millet varieties, but still yields quite heavily, two to four tons of hay per acre being an ordinary crop. **The hay is quite leafy, of the very best quality, and is greedily eaten by all kinds of stock—** It is hardy, drought resisting, and early, especially well suited for Ontario—in fact, cannot be surpassed by any other variety.

Common Produces very heavy crops on good moist land; at the same time there is no variety of Millet that does better on light and dry soil. **It is hardy, early and produces a big crop of fine rich tender juicy hay which is relished by horses, cattle and sheep.** It grows from 2½ to 4 feet high and yields from 1½ to 4 tons of hay per acre.

Hog or Broom (Manitoba Millet). **A Wonderful Producer of Grain and Fodder of High Quality.** This is the leading Millet of this class. The name "Hog" has been acquired through its great value for feeding swine. It also makes **the finest feed for poultry and young chicks.** The fodder remains green when the seed is ripe, hence it **may be cut for both hay and seed with the best of success.** Live stock are very fond of the fodder. The plant is wonderfully **resistant to hot, dry weather, very hardy and quick maturing.** In a favorable season, heads commence to form in about six weeks and the crop is ripe in about seventy-five days from seeding. It will produce from twenty-five to sixty bushels of seed, and from one-and-a-half to three tons of fodder per acre. The grain is hard, roundish-oval in form and about three-quarters the size of common Flax.

Hog Millet is a sure and good farm crop for this country. Sow 25 to 30 lbs. per acre.

Japanese Very valuable, and highly recommended. It will grow 6 to 8 feet in height, and will yield 15 to 25 tons per acre. **This Millet may be siloed, fed green or cured into hay,** and its **feeding quality is superior to Fodder Corn.** Mixed with Fodder Corn it does well and makes a good combination. Sow about June 1st, either broadcast at the rate of 16 pounds per acre, or in drills, using 12 pounds of seed per acre.

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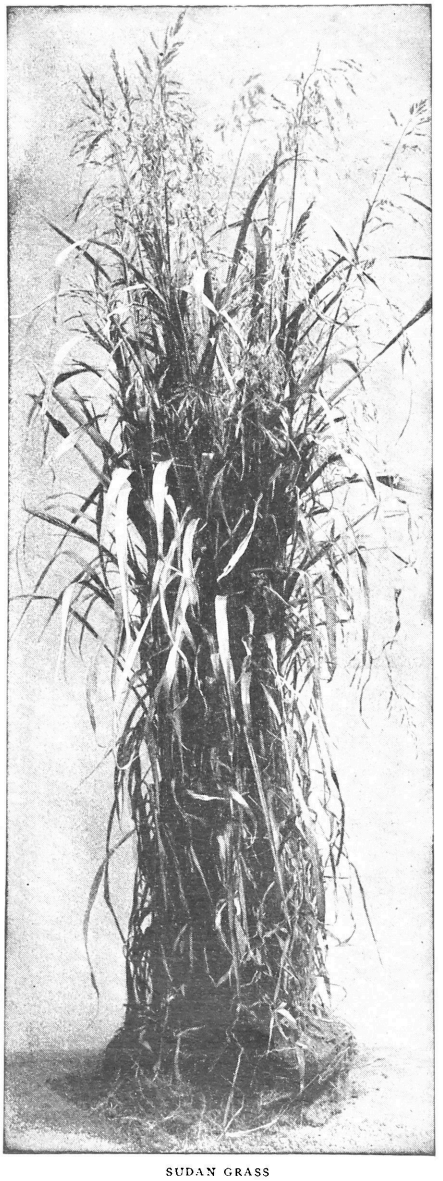
Grasses and Forage Plants

Canadian Blue Grass (Poa Compressa). Somewhat like Kentucky, and as price is lower may be used as a substitute. The hay, although short, is very heavy and rich. Grows better than Kentucky in dry soils. Sow 25 lbs. to the acre. **Lb. 35c,** postpaid **45c, 10 lbs. $3.00,** by freight or express at purchaser's expense.

Creeping Bent Grass (Agrostis Stolonifera). An excellent variety for pastures when mixed with other grasses. Succeeds well in moist situations and thrives in moist land. Sow 40 lbs. per acre. **Lb. $1.40,** postpaid, **$1.50. 10 lbs.** by express at customer's expense, **$13.50.**



SUDAN GRASS

Crested Dogstail (Cynosurus Cristatus). May be advantageously sown on lawns, kept under scythe; forms a close turf, remaining green a long time; valuable for sheep pastures, succeeds on dry, hard and gravelly soil. Height 1 to 1¼ feet. Sow 25 lbs. per acre. **Lb. 55c,** postpaid **65c, 10 lb. lot,** by express at customer's expense, **$5.20.**

Chewings New Zealand Fescue This grass is of a remarkable creeping habit and endures severe droughts. Its roots penetrate so deeply into the soil that it remains fresh and green when other varieties are apparently dried up. It is particularly adapted for dry pastures and on loose, light soils. **Lb. 50c,** postpaid **60c, 10 lbs.,** by express at customer's expense, **$4.70.**

Meadow Fescue or Sweet Grass (Festuca pratensis). One of the most valuable grasses we have, thriving in almost all soils, and is used in all good mixtures. Makes excellent hay. Height from 2 to 3 feet. Sow 40 lbs. per acre. **Lb. 35c,** postpaid **45c, 10 lbs. $3.20,** by express at customer's expense.



CANADIAN BLUE GRASS

Red Top Grass (Agrostis Vulgaris). A splendid perennial grass for level lands where there is considerable moisture. It will even succeed grandly on low margins of sloughs. The hay is of fine quality. Sow about 20 lbs. to the acre. **Extra fancy recleaned, free from chaff, lb. 35c,** postpaid **45c, 10 lbs. $3.20** by express at purchaser's expense.

Sheep Fescue (Festuca Ovina). Grows naturally on light, dry and sandy soils, smaller than the other Fescues, but from being very nutritious, it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. **Lb. 45c,** postpaid **55c; 10 lbs.** by express at customer's expense, **$4.20.**

Orchard Grass or Cocksfoot (Dactylis Glomerata). One of the most valuable grasses. Its rapidity of growth and its power of enduring the cropping of cattle commend it highly as a pasture grass. Sow 28 lbs. per acre. **Lb. 35c,** postpaid **45c, 10 lb. lots $3.20,** by express or freight at customer's expense.

Italian Rye Grass (Lolium Italicum). One of the best. Yields crop first season, then disappears, as it will not stand our winter frosts. Sow 40 lbs. per acre. **Lb. 25c,** postpaid **35c, 10 lbs. $2.00,** by express at customer's expense.

Perennial Rye Grass (Scotch) (Lolium Perenne). Suitable to a great variety of soils, yields an abundance of foliage, valuable for hay, for which purpose it requires cutting when in bloom. Stands Canadian climate two seasons. Sow 48 lbs. per acre. **Lb. 25c,** postpaid **35c, 10 lbs. $2.20,** by express at purchaser's expense.

True Kentucky Blue Grass (Poa Pratensis). Also known as "Green Grass," "June Grass," etc. Does best in rich land, but will thrive in dry and somewhat shady locations. Sow 25 lbs. to the acre. **The heaviest, cleanest and best seed obtainable. Lb. 55c,** postpaid **65c, 10 lbs. $5.00,** by express at purchaser's expense.



KENTUCKY BLUE GRASS

Sudan Grass **A New Annual Forage plant. Better than Millet. Yields two crops in one season. Succeeds well on light soils.** This grass was originally introduced into the United States and Canada from **Egypt.** The result of last 4 years' crops have warranted the handling of the seed in commercial quantities, and it has become very popular in some parts. It is particularly suited for sections deficient in rainfall. An annual of the Sorghum family and must be planted each season, and does not spread and become a pest. The quality of Sudan Grass Hay is considered equal to Timothy. It yields from **two to four tons per acre,** and on good land even more. The seed should not be planted until all danger of frost is past, and the ground thoroughly warmed, as the young plant is tender. **The crop matures** in seventy to eighty days from the time of planting. The earlier the planting the more opportunity **of several cuttings** during the season. It can be rown in rows 20 to 30 inches apart and cultivated like corn, or could be sown broadcast by hand. Drilled or broadcasted 18 to 20 lbs. per acre are required. The cutting of the grass for hay should be done as soon as the crop is fully headed; in favorable seasons from **50** to **70** days after planting; a new crop will then start again from the same plants. Price, **per lb. 20c,** postpaid **30c, 10 lbs. $1.70,** by express or freight at purchaser's expense.

Bird Seeds

The seeds quoted below are for feeding purposes only, not for planting. Prices by mail or express, prepaid.

Canary	Lb. 25c	Maw	Lb. 50c
Hemp	" 25c	Lettuce	" 25c
Rape	" 25c	Mixed Bird Seeds	" 25c

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Forage and Fodder Crops

Broom Corn **Improved Evergreen.** This variety of Broom Corn is more largely grown in the Western States than any other. The brush is noted for its fine quality, good length and handsome appearance; cut before the seed is ripe, it is a beautiful pea-green color. Brush very fine and seldom gets crooked. It ripens early and yields heavy crops. **Lb. 15c, postpaid 25c.**

Cow Pea A highly valuable fodder and fertilizing crop. The pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed is ground, and used for cattle fodder; the stalks and leaves also make excellent fodder fed green.

Early Amber Sugar Cane Well known in many parts of Canada. We have seen magnificent crops, and it should be more generally known, as it makes a valuable green-cutting crop which is relished by all kinds of stock. Usually grows from 10 to 12 feet high, stands up well, produces small, tender, sweet and juicy stalks, well covered with leaves. When allowed to ripen the seed is valuable for poultry. **Lb. 15c,** postpaid **25c, 10 lbs. $1.00,** by express at purchaser's expense.

LOCAL MERCHANTS. We supply the Leading Merchants dealing in Seeds throughout the Dominion. Should your local dealer not carry Our Seeds, write Us for Prices and Order direct. "Be sure you get Steele, Briggs' Seeds."

Kaffir Corn Grows from 5 to 6 feet high, making a straight, upright growth. The stems are stalky and are very thickly clothed with leaves. The stalks keep brittle, tender and juicy, not hardening like many of the sorghums. Makes excellent fodder either green or dry, which is highly relished by cattle or horses. For fodder, sow ½ to ¾ of a bushel per acre in drills. **Lb. 15c,** postpaid, **25c, 10 lbs. $1.00,** by express at purchaser's expense.

Soy or Soja Beans **O. A. C. No. 211**—Soy Beans should prove a very useful crop in any section where Corn can be successfully grown. It is heavily podded and yields about ten tons per acre. Cut green, the hay is very nutritious and is reckoned about equal to Alfalfa; allowed to ripen the beans make a high grade feed for man as well as any variety of stock. Valuable as fodder, either cured, fed green or as ensilage mixed with corn. Sow about 30 lbs. per acre broadcast, or in drills three feet apart, one foot between plants.

Sunflower **Mammoth Russian.** This variety has large heads borne at top of a single unbranched stem, and having much more and larger seed than the common sort. It is used extensively for feeding poultry. Sow the seed as soon as the ground is fit for planting corn, in rows 5 feet apart and 10 inches apart in the row. Cultivate same as corn. When the seed is ripe and hard, cut off the heads, and pile loosely in a cool dry place, so that they can cure. After curing sufficiently so that they will thresh easily, flail out and clean with an ordinary fanning mill. **1 lb. 20c,** postpaid **30c, 10 lbs. $1.50,** by express at purchaser's expense.



Northern Grown Field Corn, Flint Varieties

Longfellow Yellow Flint Considered the best and most reliable variety for our Canadian Climate. The cobs are large, cylindrical, 8-rowed, about 11 inches long and matures early in the corn growing districts of Ontario. The plant is vigorous, well supplied with foliage and roots deeply, enabling it to withstand adverse conditions of weather. It produces a very large crop of fodder, which is much enhanced in value by a yield of very long ears.

North Dakota White Flint The constitution of this corn is such as to resist extremes of weather to the last degree. It is a grand extra early white corn. The stalk attains, under normal conditions, a height of 6 to 7 feet, the ears are about 3 feet from the ground, rendering it easily handled; the foliage is large, healthy, and makes unusually fine fodder; it is one of the very best varieties for that purpose. The crop is usually heavy, with a lot of ears well advanced towards maturity.

King Philip An extra early red flint, valuable for the North; matures in 90 days. A sure cropper on poor land; ears 8-rowed and from 9 to 12 inches long. One of the best and most reliable sorts.

"Angel of Midnight" Flint An extra early Yellow Flint, 8-rowed variety. The ear is perfect in shape; length 10 to 13 inches. Rows straight and even, and filled from tip to bottom. Stalks are of medium size.

Compton's Early Yellow Flint Twelve-rowed, small kernels, compactly placed on the cob. Very extensively used for ensilage and for a grain-producing crop. It makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to our Northern Country, where it is a favorite sort.

Early Canada Yellow Flint A good old reliable standard sort. Early, hardy and prolific with fodder of good quality.

Sanford's Early White Flint This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and handsome shape, flinty white color. Plants of sturdy vigorous growth; leaves are very broad and succulent, and it is therefore of great value for fodder and ensilage, as well as for a grain crop.

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Selected Northern Grown Field Corn

Corn is yearly increasing in general favor throughout Canada and very rightly so. It is a splendid cleaning crop on weedy land and leaves the soil in as good a shape for a bumper crop of wheat as if it had been summer-fallowed. Corn yields from 15 to 25 tons per acre of the most nutritious fodder which may be cut and fed green, used for ensilage or cured and fed dry. All classes of stock relish and thrive on it.

For years we have been talking **FODDER CORN** to the farmers of Canada, but the dry season of the past few years aroused them fully to its great value. When other crops have failed, and the farmers were wondering what they would do for feed, many planted Fodder Corn because it was too late to put in anything else. Now everyone of them will put a liberal acreage into **Fodder Corn** because they have found it **one of the most profitable crops to grow, not a MAKESHIFT, but a NECESSITY.** We make a specialty of Fodder Corn, and you will find it to be of the highest quality.

These are the earliest varieties grown and are especially adapted to northern conditions. They make a rapid growth, mature quickly and under favorable conditions yield immensely. All are perfectly acclimated to our northern conditions, which mean cool nights and short summers.

Dent Varieties

Corn, Extra Early Huron Dent Will mature in 90 days. Selected Canadian grown seed. Grain deep golden-yellow and large, while the cob is of medium size, it is a splendid yielder.

Golden Glow A very early variety, maturing safely in most parts of the Canadian Corn Belt. It produces larger ears and is a heavier yielder than Wisconsin No. 7, but ripens at the same time, that is, in 90 to 95 days.

This corn has a proud history. It is a cross of Wisconsin No. 8, and the famous North Star corn. Combining the extreme earliness of the former with the larger ears and heft of the latter.

The ears are quite large, 16 to 18 rowed, of symmetrical shape, well filled from butt to tip with good sized kernels of pure golden-yellow color. The stalks are about 7 feet high, produce a large amount of foliage, making a splendid fodder and silage corn. Everybody who has grown Golden Glow seems to be very enthusiastic about it. It has given splendid results the past two seasons.

Early Mastodon Yellow Dent Among the heaviest producing varieties. Grows quick, strong and vigorous; has broad, heavy leaves and large ears, with very large, deep grains

White Cap Yellow Dent It is one of the largest Cropping varieties upon the market; stands droughts well; crops well on poor lands; ears large, handsome and well filled; the tips of the grain are white, the inside yellow thus giving it a beautiful color.

Wisconsin White Dent No. 7 The stalks grow to an average height of 8 feet, and are thickly furnished with foliage close to the ground. The ears are large with 16 to 20 rows of deep kernals, which are closely set on a small white cob.

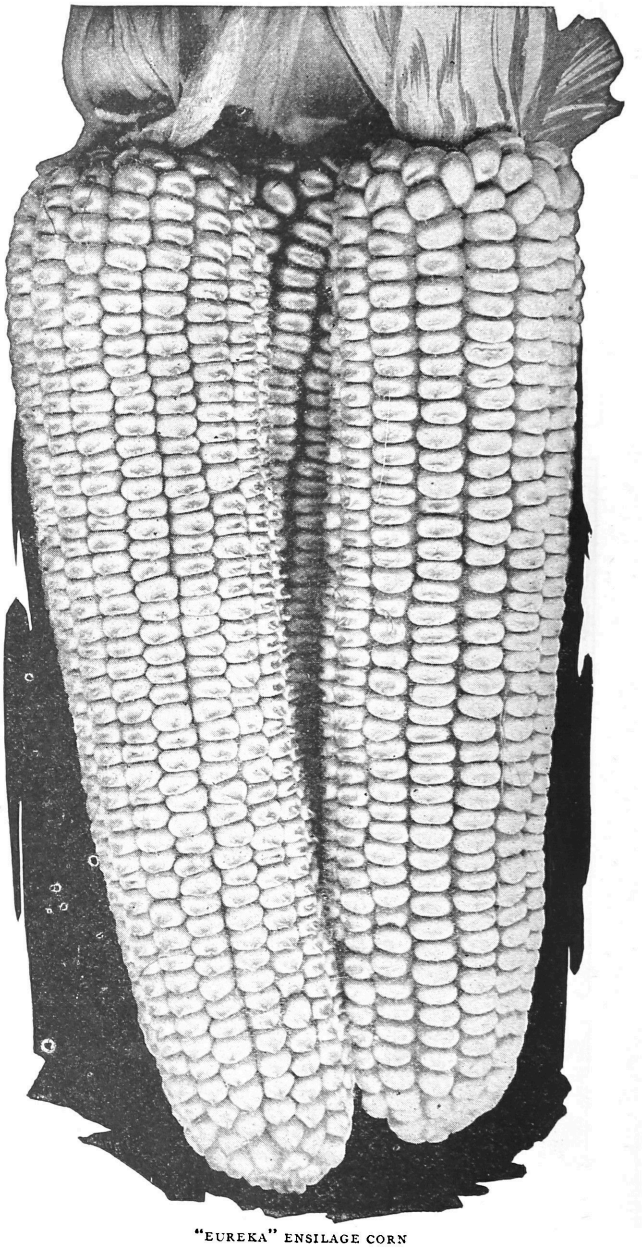
Mammoth Cuban Yellow Dent The heaviest ear-producing corn upon our list, and grows enormous crops of excellent fodder. Ears very large, grain yellow, dented, the average yield of ears being 3.51 tons per acre.

Ensilage Varieties

THE MOST PROFITABLE VARIETIES TO GROW

"Eureka" Ensilage **Yields Enormous Crops. Grows 16 feet high. EUREKA Ensilage,** something quite different from the ordinary run of Ensilage sorts, an enormous cropper, grows 16 to 18 feet high and of a very heavy growth, very leafy and carrying 2 to 3 enormous cobs, which frequently grow over 12 inches long, to the stem. This variety is a wonderful silo filler, and we would strongly advise our customers to try Eureka as we are quite positive that no other sort can approach it either for quantity or quality of the fodder produced. At our Trial Grounds last season Eureka proved better than any other sort grown there, it roots deeply and withstands drought. Matures in 100 to 110 days. Farmers who tried Eureka last year were delighted with its enormous yield.

Improved Early Leaming A fine early Yellow Dent variety, ears of good size, cobs red and small, with large deep grains; a strong grower, and produces well on light and heavy land where other varieties of Yellow Dent will not thrive. **On our Trial Grounds at Oakville, it has given the best results of all the Dent Varieties.** While not ripening in all sections, the ears arrive at a firm dough state at time for cutting and make fine ensilage.



"EUREKA" ENSILAGE CORN

LEAMING FODDER—One of the best varieties for silage purposes, well known and very popular. Good sized, solid, yellow ears. Grows leafy stalks 12 to 14 feet high. Not quite so early as the Improved Early Leaming.

Giant Prolific Sweet Ensilage As a green fodder, dried, cured or prepared as ensilage **it is in the highest favor throughout the Dominion.** The stalks are sweet, juicy, tender and covered with long broad leaves. On strong soil will grow from 12 to 16 feet high. More fodder can be produced from an acre than from any other variety we have grown, and well cured, is equal to hay. As a green food for cutting in the latter part of the summer, one acre is worth 8 acres of ordinary pasture.

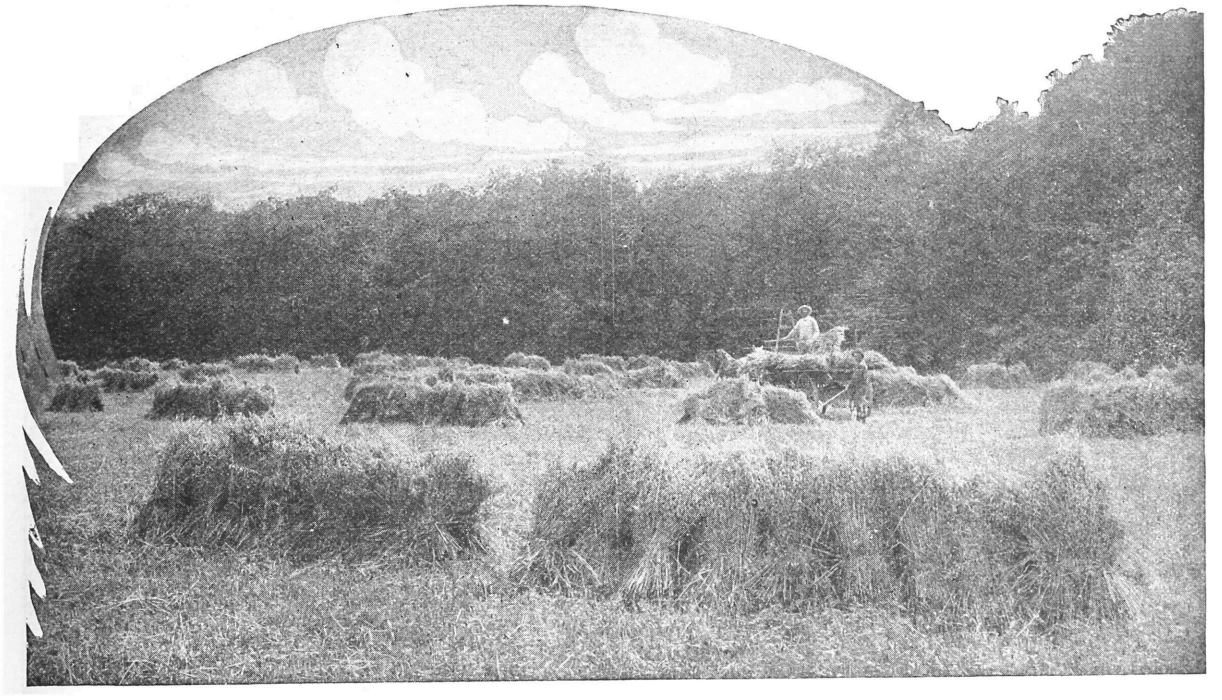
Red Cob Ensilage An old favorite variety, yielding very large crops of excellent fodder. Ears large, cob small and red, grains large, deep and white, indented. A heavy yielder on some soils. Send for Special Grain Price List, ready about 1st February.

Owing to Market Conditions it is impossible to give Firm Prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalogue goes to Press. If interested, send for Our SPECIAL PRICE LIST, ready February 1st.

SEED OATS

Put up 3 bushels (102 lbs.) to a bag. Jute bags at 20c each extra.

Every season we endeavor to impress on buyers the necessity of purchasing good clean grain, particularly Oats and Wheat. **Some people may think that such advice is not disinterested. We readily agree.** The fact is, next to the Dominion Seed Branch, the Seedsman sees and knows more of the disappointment and loss resulting from the planting of poor seed than most farmers. We have many personal callers every season asking for "cheap Oats that will do for sowing for seed—not the high grade kind—something cheap." In othe words, "any kind of Oats at feed prices." **It is sometimes hard to convince such intending purchasers of the ultimate cost as they seem only concerned in the immediate saving. They usually realize the mistake when too late.** Again, cheap seed seems to be an allurement to some buyers hard to pass. Low prices should never be an inducement to purchase any article and more especially is this true of seed. It is almost an axiom that "one gets what one pays for." Low quality seeds most assuredly make for poor results. The great majority of farmers today are however keenly appreciative of the necessity of paying a reasonable price for good seed. Below we give particulars of splendid stocks that will give every satisfaction.



Abundance (White)

These are very handsome and heavy white Oats of great productiveness, and have become very popular in many sections. They do very well on ordinary soil. On rich heavy land it grows so rank, the straw not being large in proportion to its weight, that they are much inclined to lodge. Large yields have been reported from this Oat.

American Banner—"Registered"

The foundation stock from which the grain is produced must in the first place be grown under the direction of the Association and fields submitted for registration are subject to inspection by the Association's representative. After threshing, the grain is again subjected to inspection by a representative of the same Association; the stock is recleaned, bagged, sealed and a certificate of the Association attached to each bag.

American Banner

Grown from Registered Seed. While Banner is possibly the oldest of the varieties in general cultivation, and while it occupies the premier position, this distinction has not been maintained without would-be rivals. As keenly as the competition in the field of Oat development has been, it yet remains for the discovery of an Oat possessing superior qualities to capture the position held by American Banner. It is noteworthy that in tests covering a period of years at several experimental farms, American Banner has topped the list.

Victory

Very popular since introduced by us in 1912. **The outstanding characteristics of the VICTORY OAT are:—**
Beautiful, bright, strong and elastic straw. Attractive, plump, clean, bright grain, very thin hull and free from awns. Remarkable uniformity in growth, showing intensive careful breeding. Heavy yield; absolutely in the front rank.
We have **"Registered"** and **"Selected"** stocks.

Improved White "Ligowo" Oat

The improved "Ligowo" is a large, white, plump variety, with a branching head and stiff straw, a vigorous grower, very prolific and early; not inclined to rust or smut. At all the Experimental Farms throughout the Dominion it has given splendid results.

"Golden Rain"

Golden Rain is a very hardy oat, particularly well adapted to medium and lighter soils. The panicle is well supplied with fine upstanding branches, which are closely and uniformly furnished with spikelets. The growing plants possess wonderful elasticity and constancy, seldom breaking down, but bend themselves and rise again afterwards even after it rains very heavily. On this account, coupled with the color, which is a beautiful rich golden, we have named it **"Golden Rain."** The shoots are numerous, equal and good. The grain is very full, thin-skinned and beardless. It is about one week earlier than American Banner, and the yield is very high.
We believe this Golden Rain Oat is specially adapted to the soils of Ontario, Quebec, New Brunswick and Nova Scotia.

Early White Oat O.A.C. No. 3

Recommended for Northern Ontario and for late soils. It is an extra early white main or spreading variety, a good yielder, stands up well, ripens with barley and is used for sowing with it. We recommend it for sowing where an extra early sort is required.

Oats O.A.C. No. 72

Very Thin Hull, Long Strong Straw, Splendid Yielder. This grand new Oat originated on the Experimental Farm at Guelph and has proved to be a great success. The straw is long, thick and heavy, with a hull 8% thinner than any other Oat we know of. It has splendid feeding properties, and is one of the heaviest yielding Oats we have tested for years.

O.A.C. No. 144

Tall, vigorous, broad-leaved, exceptionally stiff strawed, late variety which possesses a spreading head and a long slightly brownish grain practically free from awn and which produces a heavy yield of both grain and straw of good quality. The ripening crop has a beautiful appearance with a golden tinge.
In 1925 the O.A.C. No. 144 variety of oats was placed on the list of varieties eligible for registration in Canada. In the experiments at Guelph in the past eight years it outyielded not only the other varieties eligible for registration, but all varieties, selections and hybrids under test of which there were over seventy.

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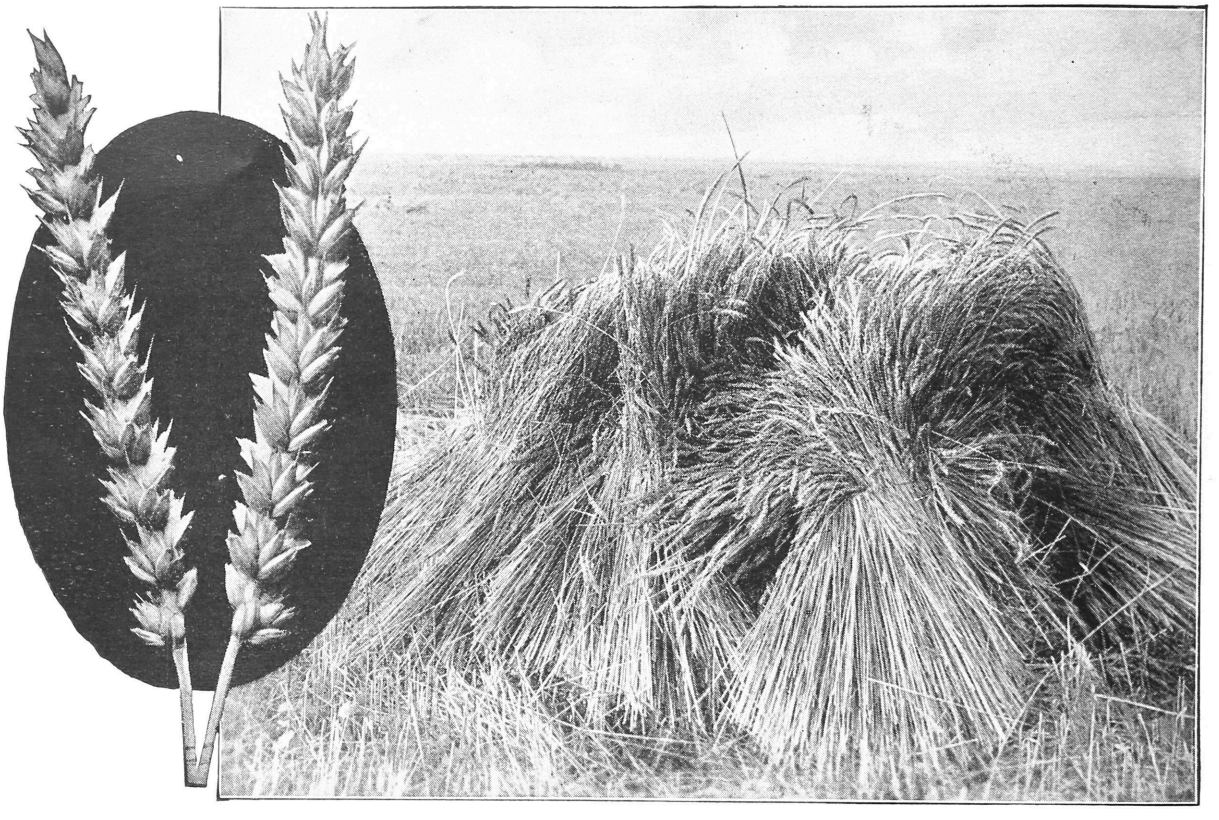
MARQUIS WHEAT

The King of Wheats ! (Grown from Registered Seed)

Combines all the qualities so earnestly sought after by Cerealists and devoutedly hoped for by the Grain Growers of Ontario and Western Canada.



Earliness **Repeated Tests by the Government Farms as well as private growers, prove "Marquis" to be from a week to ten days earlier than Red Fife. QUALITY—It has been subjected to the most critical milling tests and repeatedly shown that it inherits the unexcelled quality of the parent, Red Fife. PRODUCTIVENESS—"Marquis" has given many phenomenal yields, and it is settled beyond doubt that it can be depended upon to yield from 5 to 10 bushels more per acre than ordinary Red Fife under similar conditions.**

Marquis Wheat is a cross between Red Fife and an early hard red wheat from India called Hard Red Calcutta. The product of a single cross bred grain was grown for several years at the Central Experimental Farm, Ottawa, and selections were made from time to time. In 1903 the final selection was made and the name "Marquis" given to the product of a single plant. Compared with Red Fife the growing crop of Marquis cannot be distinguished from Fife except that Marquis does not as a rule grow as tall a plant, the straw being stiff and straight, of medium length—not so liable to lodge as Red Fife, although the heads of Marquis are proportionately heavier than Fife. The kernel is distinctly different, being thicker and more nearly round and usually of a darker color than Red Fife. A well developed and well saved sample is indeed very attractive.

Marquis Wheat (Selected) A good sample, fine plump grains, though it might not be quite as pure as above, it will produce a fine crop.

Red Fife (SELECTED). **Grown from Registered Seed.** Only the crop grown from each season's **selected heads**, can be registered. This lot, being second crop from **selected Registered heads** is barred from a certificate. But back of it stands a pedigree of selection for about eight continuous years so that this lot is right and away ahead of seed that cannot boast of Registered ancestry. It should produce results equal to the Registered if handled right, and there is no reason why its purity and quality could not be maintained.

Dr. Saunders' Early Red Fife **Selected and Developed by Dr. C. E. Saunders, Dominion Cerealist.**

Breeding There have been strains of **Early Red Fife** offered in the past but this strain of Prof. Saunders' is different entirely. It is the result of scientific principles applied by one of the leading cereal breeders of the world. Several years ago Prof. Saunders made the selection of a single plant of Red Fife, having a tendency to earliness. From the product of this plant, by isolation and selection through a number of years, he succeeded in improving and fixing a type which possesses inherent distinct individuality and reproduces itself with reliable uniformity. The head of **Early Red Fife** is somewhat different from the ordinary Red Fife in that it is not so pointed at the top, but rounder and fuller. The Kernels of same shape as the old Red Fife but larger. The quality is identical. The most marked difference is in the period of maturity, the **Early Red Fife** being from a week to ten **days** ahead of **Ordinary Red Fife.**

Wild Goose Wheat Send for our Special Price **List** of Clovers, Grasses, Seed Grains, etc.

SEED GRAINS.—Our supplies have been selected with great care and recleaned by the best machinery. In every way superior as seed stocks, and we are confident will give our customers highest returns and great satisfaction. All offers are conditional on our having the stocks at time orders are received, also subject to change in prices without notice.

Good Seed Tells Good seed will give a uniform and vigorous germination; produce good strong healthy plants capable of **resisting** unfavorable weather conditions; and ensure a pure and uniformly ripening crop.

With our long experience as seedsmen we are enabled to select the choicest samples of grain produced in the West; reclean perfectly over our own power mills; and, give to our customers seed that will bear the closest inspection—Government grades. Seed that will ensure better yield, better grades and consequently profitable returns. Poor seed is poor economy and means straight loss to the farmer. Hesitation at seeding time over a few cents **extra** per bushel for good **seed** may mean disappointment at harvest.

Sow Registered **Seed**, if possible; but, at **least sow** Selected thoroughly recleaned stocks. It pays.

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Dwarf Essex Sowing Rape

The Great Forage Plant for Cattle, Sheep and Swine.



Dwarf Essex Rape

Dwarf Essex Rape is one of the most valuable forage plants that has ever been introduced.

The sale of Rape Seed now amounts to hundreds of tons annually. It is interesting, by way of contrast, to look back a few years when the sales for a season would be only a few thousand pounds.

Our customers can well understand that it gives us great pleasure to have lived to see our faith in Rape, for use in this country, amply justified by the outcome, and that our effort to supply the very best quality of seed is recognized all over Canada.

Dwarf Essex Rape has been usually grown, until recent years, to furnish pasture for sheep and lambs, but it is now being found equally good in providing pasture for all kinds of stock. It is splendid for dairy cows.

Under average conditions a yield of from 10 to 18 tons or more of green forage per acre may be expected. According to a recent government bulletin, one acre of Rape with grain will fatten sheep in two months. Ten hogs eat about one-third of an acre in the same time.

Price of Our Dwarf Essex Rape Seeds—Our Rape Seed is of choice quality, selected stock. We pay a premium in order to get pure, clean, reliable seed, and it has always given great satisfaction. A saving of a cent or two a pound means from 3 to 10 cents an acre. We do not feel that this difference between the price of known and unknown seed, is such that we or our customers are justified in taking a risk.

Dwarf Essex Rape.—Per lb. 30c, postpaid; by freight or express at purchaser's expense, **10 lbs. $1.50.** Special prices for large quantities on application.

Cabbage Leaf Rape

Sometimes Called Thousand Headed Kale. This is a variety of cabbage. The plant attains a height of three to four feet. The stem is covered with leaves which form small heads. Animals, especially sheep, eat it greedily. It grows well on most any land, and is hardy. The seeds may be either drilled or broadcasted, but we think drilling is better. If drilled, plant in rows 26 to 30 inches apart, so that the plants may be thinned out so as to stand 16 to 18 inches apart in the rows. In drilling, use ¾ to 1 lb. of seed to the acre. In broadcasting, 1½ lbs. are required. Prices by mail, postpaid, **lb. 90c, 5 lbs. $4.25.**

Kale Rape

The New Fodder Plant. This has prove to be a most valuable fodder plant. It is very hardy. Produces a great weight of leaves and as the stem is also edible there is no waste whatever.

Duplex Rape Kale is one of the heaviest cropping forage plants. Grows about 4 feet high. It is of special value as a milk producing feed. Withstands drought remarkably well, and has shown no tendency to disease.

A feed of this kind is a necessity. Can be pastured, or if preferable can be pulped like roots, as the stem contains considerable food value. We recommend that you try a small acreage of this, this season. Seed in drills about 24 inches apart, 2 to 3 lbs. per acre, **1 lb. $1.50, 5 lbs. $7.00,** postpaid.

Wild Rice

(Zizania Aquatica). Native of many parts of United States and Canada. A large reedlike aquatic plant, found growing in marshes and on the edge of lakes and rivers. It was formerly used by the Indians for food and is still highly prized by them in the remoter districts. It is a favorite food with Wild Ducks in the fall and is invaluable as an attraction for wild fowl, for where Wild Rice grows, ducks will come. In fish ponds and lakes it helps to purify the water and affords a refuge to the small fry from large fish and also furnishes them with food from the animalcula on the stalks. The seed may be planted at any season but the fall is preferable. It succeeds best where there is a muddy bottom with few weeds and six inches to two feet of fresh water and care must be taken to place it where the roots will be covered with water at all times. It commences to sprout as soon as the water gets warm and grows rapidly, ripening in August or September.

The seed must not be allowed to become dry before planting or the germination will be destroyed or at least seriously injured. On this account orders cannot be filled by us until the harvest 1929 at which time as fast as the seed is gathered, we make despatch of orders, packing the seed by special method to retain its vitality. Our supply is obtained from the Wild Rice fields right here in Ontario. **We are now booking orders for Fall Delivery. 1 lb. 50c,** postpaid **60c, 10 lb. lots $4.50,** at purchaser's expense. **For large quantities special prices given on application.**

Testimonial

A DAIRYMAN SPEAKS OF THE VALUE OF ROOTS

We give below a testimonial from one of our customers. This dairyman, when he called in our office in October last, brought the roots referred in his letter as evidence of the value of quality in seed. (See reproduction of Mangel, page 45). He told us "from his long experience he was convinced of the real value of Mangels for feeding milch cows. They seem to increase the milk flow"—an important factor from his point of view—"as well as aid digestion."

396 G—— St.,
Winnipeg, October 13, 1927.

Dear Sirs:—

I have used your Swede Turnip and Mangel Seed for over nine years and have always found them quite satisfactory. This season I picked up one Mangel which weighed 16¼ lbs. and one Swede over 11 lbs. My total yield of Mangel of a little over half acre was in the neighborhood of 11 tons. These returns show it pays to use good seed from a reliable source.

Yours truly, A.M.

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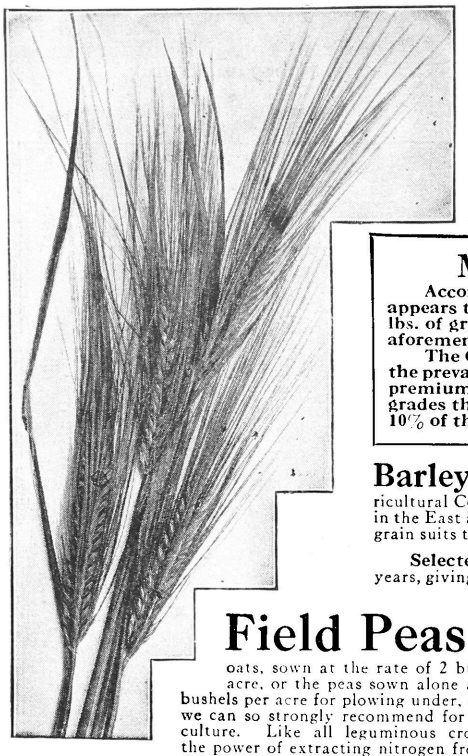

BARLEY

Selected Seed Barley

Give the barley crop fair attention and we can produce as fine quality as anywhere in the world, and big yields. Weight of grain per acre, Barley usually surpasses Oats. For feeding, the grain ranks high for all kinds of live stock. Barley has 9% more digestible food material than oats. It is a great pork producer in both quantity and quality. **As a cleaning crop,** it fills a special place—the land may be cultivated as late as the first of July and then sown with barley.

More Feed, More Money Per Acre in Barley

According to the last report of the Statistics branch of the Ontario Government it appears that, during the 5 year period 1922-1927, barley outyielded oats to the extent of 282 lbs. of grain per acre. The value of the barley crop for this period, according to the report aforementioned, was $4.31 per acre greater than the oats crop.

The Ontario grower of cash barley invariably enjoys the benefit of the freight added to the prevailing western prices. And in the case of barley of malting or seed quality, a further premium is available over the regular commercial prices. For Ontario barley of the best grades there is and should continue to be a keen demand and an extensive market, as over 10% of the entire crop of the province is required by the seed and malting trades.

Barley O.A.C. No. 21, Six-Rowed

A selection from the Mandscheuri variety, developed at the Ontario Agricultural College, Guelph. It has given very heavy yields in Ontario—heading the list. It also does well in the East as well as the West. It is noted for freedom from rust, strength of straw, heavy yield, and the grain suits the maltster admirably. We recommend it highly.

Selected Canada Six-Rowed. This standard and well-known variety has been a favorite for many years, giving the very best satisfaction under a variety of conditions.

—Mandscheuri. An early six-rowed variety, very strong strawed and stools well, bearing large, well-filled heads of beautiful grain, possessing malting qualities of a high order and adapting itself readily to a great variety of soils. It has occupied first place at the O.A.C., Guelph, for some time, giving an average yield of over 60 bushels per acre.

—Duckbill Two-Rowed. Succeeds well on most oils. A variety of merit.

Field Peas

Whether for fodder, in mixture with oats, sown at the rate of 2 bushels each per acre, or the peas sown alone at the rate of 3 bushels per acre for plowing under, there is no crop we can so strongly recommend for more extended culture. Like all leguminous crops, peas have the power of extracting nitrogen from the air, and the soil from which a crop has been harvested is richer in nitrogen than before the peas were sown upon it; and there is no live stock on the farm to which peas and oats in mixture cannot be fed with positive advantage,

Peas, Dwarf White Marrowfat. Hardy, strong and vigorous, broad, thick, leathery pods, borne near the top of the vine.

—Black Eyed Marrowfat. While growing, resembles closely the preceding, but the mature seed has distinct black eye.

—Prussian Blue. A very popular variety, one of the heaviest yielding and best strawed peas known, very early.

—Canadian Beauty. A variety of white marrow, which, in most sections, has given splendid results. The seed is large and of a bright color, straw strong but not coarse and of good quality.

—Golden Vine. A standard sort, not much troubled by bugs.

Emmer or Speltz

FACTS ABOUT SPELTZ. Ripens very early, it resists drought, it thrives on poor lands, and in stony ground, it makes a crop with almost any condition, endures frost, is not susceptible to rust or smuts; yields more than oats, wheat or barley; stock eat both grain and straw.

What is known on this continent as "Speltz" is rightly "Emmer"—the distinction, however, is slight—Speltz has a bald head, that of Emmer being bearded. Speltz will thrive on stony land, on gravelly land on any poor land, on the prairie and on the hills. Frost will not hurt it to any extent. It yields heavily; it a safe and early crop in the driest season. The grain makes first-class feed for all kinds of stock. It is also splendid for green pasture, and when dried and used as hay, it is relished by cattle. Per bushel of 40 lbs.

Buckwheat

—Silver Hull. Superior to the common variety, in bloom longer, matures sooner and yields much more per acre; thin husk and of a silver grey color.

—Common. Grows a very heavy straw, branches more and does not need to be sown as early as other sorts.

—Japanese. Enormously productive; the kernels are nearly twice the size of any other variety and of a distinct shape; the color is a rich dark brown, very heavy straw, branches more and does not need to be sown as thickly as other sorts.

LOCAL MERCHANTS. We supply the Leading Merchants dealing in Seeds throughout the Dominion. Should your local dealer not carry Our Seeds, write Us for Prices and Order direct. "Be sure you get Steele, Briggs' Seeds."

Spring Rye

Rye is Especially Valuable for Pasture to Cut for Hay. All kinds of stock eat it with relish. As pasture, when eaten down, it grows again rapidly. For grain, sow about 1½ bushels per acre. For fodder and pasture, 2 bushels per acre. Seed 2 to 2½ inches deep.

Sand or Hairy Vetch

Prosperous in Poor and Barren Soil. Yields Wondrous Crops in GOOD LAND. SAND VETCH—It can be sown in April and will be ready to cut by the middle of July, the second growth affording excellent pasture during the summer.

The yield of green forage varies from **10 to 15 tons per acre, equal to 3 or 4 tons when cured as dried hay.** Can also be sown in spring with oats or barley. Every dairyman and stock breeder should have a field of it, and if you try it once you will never be a season without it. It is **exceedingly nutritious,** much more so than clover, is eaten with relish, and may be fed with safety to all kinds of stock. Will also prove valuable for a hay crop in dry seasons. The foremost orchardists highly recommend Sand Vetch as a **cover crop.** Soluble plant food in porous soils leaches away in considerable amounts during the late fall and early spring, when the roots of trees are not actively foraging for it. Especially is this the case on loose sloping lands which often suffer severely from erosion. Fertilizing elements which would otherwise be wasted are caught by the cover crop, and when it is ploughed under and rotted become available food for the trees in the spring. To the acre sow 60 to 85 lbs. **Peck $2.50, bushel 60 lbs. $9.00,** by freight or express at purchaser's expense.

Common Vetches or Black Tares

A splendid forage crop either sown alone or with oats. As a pasture for hogs it ranks high. After this crop the ground is left rich like a garden. Alone, sow 1½ bushels per acre. **Peck $1.75, bushel 60 lbs. $6.00,** by express at purchaser's expense.

Seed Flax

Flax should not be sown on same land oftener than once in five years. Before sowing, the ground should be thoroughly prepared, and it is especially important to have the soil well firmed. Be sure there are no open spaces in the bottom of the furrows, as these are likely to cause the roots to rot. Sow 22 to 25 lbs. per acre; sow as early as possible and yet avoid the last killing Spring frost. In the southern counties June 4th to June 20th has been recommended as the best average time, although this will depend largely upon the season. When the seed is ripe and hard, cut off the heads and pile loosely in a cool, dry place, so that they can cure. After curing sufficiently so that they will thresh easily, flail out and clean with an ordinary fanning mill. **Peck $1.25, bushel, $4.00.** by express at purchaser's expense.

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Beechcroft Dahlias

We take pleasure in presenting this, our 1929 List of Beechcroft Dahlias, and wish to take the opportunity to express to our patrons our sincere appreciation of the liberal support that has been accorded us during the past year.

It will be noted that we have added many new varieties. These have been personally selected by Mr. Kent, who attended the American Dahlia Society Show in New York last fall, following same by personally visiting and seeing growing conditions in many prominent gardens. In the newer and rarer varieties, purchases have been made for growing as usual at "Beechcroft," Port Perry. We are listing many of these, so that our customers may have the advantage of purchasing same in Canada, at practically American prices. Mr. Kent is following his usual practice, in seeing these varieties actually growing, or purchasing only from sources where stock is true and healthy.

We are confident that with our stock and facilities, together with the added experience of the past year, we are in a position to give you even more efficient service.

"BEECHCROFT" grounds will be open to the public, week days from June 20th to October 20th. The Dahlia Garden comes into bloom about the middle of August, and is usually at its best by September 15th. An unusually fine collection of new varieties will prove of special interest to Dahlia lovers. For those who are unable to get away during the week, Mr. Kent has consented to open his grounds on Sunday, July 8th, and Sunday, September 16th, so that they may have an opportunity of viewing this wonderful garden.



"BEECHCROFT" DAHLIAS

Decorative Dahlias

Decorative Dahlias are large and usually full to the centre, flat rather than ball-shaped, with broad, flat, somewhat loosely arranged floral rays, with broad points or rounded tips, which are straight or decurved (turned down or back), not incurved.

Adler—A very fine white dahlia. Immense blooms, carried on strong stems; very free flowering, and in every way satisfactory. Early.....75c

Amarillo Grande (Broomall)—One of the new outstanding varieties. Excellent stiff stems. Color is a very pale shade of yellow. Flowers are very large and a heavy bloomer. Exceptional exhibition variety..$2.75

Amun Ra—The Sun God (Seal)—An immense decorative, resembling the glorious setting sun. The outer petals of the blooms are of gorgeous shades of copper and orange, shading to gold and amber, and deepening in the large, full center to a rich dark, reddish bronze. The stems are wonderful, erect and stout, and hold the blossoms well above a strong, vigorous plant.....90c

Augustinus (Older)—This is a dahlia that will meet with instant favor, being a most wonderful color combination of lilac, rose and yellow. The blooms are large and general habit very satisfactory.....50c

Bashful Giant—See The Bashful Giant.

Barbara Redfern (Redfern)—Color is a delightful blend of old rose and old gold, immense size and great depth, flowers borne on heavy stiff stems. A particularly free bloomer, plants tall and vigorous, good keeper when cut.....$5.00

Beau Ideal (Boston)—An ideal decorative of a pinkish lavender. Called by the originator a Mariposa in decorative form. We can recommend it as being quite as lovely as Mariposa. Good habit of growth, plants medium tall, stems long stiff and carry flowers well above foliage. Exhibition type.....$5.00

Bonnie Brae (Broomall)—The color effect in this bloom is simply exquisite, cream shading to blush pink. The flowers are of true decorative form, extremely fine for exhibition, but owing to weight of flower is pendant.....85c

Carlee's Red Emperor (Carlee)—Large well formed flowers color fiery scarlet on a long strong stem, tall vigorous grower, particularly free bloomer.....$1.00

Beechcroft Decorative Dahlias

Catherine Wilcox (Marean)—Flowers not as large as usual exhibition type, but refined of form and of a most attractive color; white with points of petals tipped cerise; a very strong grower and a free bloomer.....**50c**

Canadian (F. R. Waite)—See The Canadian.

Charles Stratton (Stratton)—An autumn tint of great beauty, combined with a large flower of excellent form, carried on a strong stem. The petals are pale gold, shaded and blended with old rose.....**$1.50**

Color Sargeant (Hall)—A very striking Dahlia, both in form and color. Color is a rich, deep salmon bronze of one shade. Clean upright grower of excellent habits and a perfect stem.....**$5.50**

Couronne d'Or—A grand variety. The blooms are medium to large and perfectly formed, stems long and strong. Color a beautiful shading of golden orange, giving fine autumn tints.....**75c**

Dakota (Marean)—Large flowers, standing erect on strong stems. Color may be described as a shade of flame. Very striking and beautiful. A vigorous grower and free bloomer.....**50c**

Dr. Tevis (Pelicano)—This famous prize winner is one of the most beautiful of all decorative dahlias. The color is a soft salmon rose, suffused with old gold, shading to a golden apricot in the center. One of the largest grown. Immense flowers, held erect on fine, long stems.....**60c**

Don Williams (Doolittle)—A seedling of Earl Williams, of a beautiful new shade of lavender, each petal being tipped snow white. Fine stems, low-growing plant.....**$1.50**

Eagle Rock Beauty (Broomall)—A more beautiful combination of pink and cream than is displayed in this glorious creation, would be hard to imagine. Vigorous in growth, with good habits and stems which hold flower erect. Immense blooms are full to center, and produced in abundance.....**$5.00**

Eastern Star (Dahliadel)—This dahlia is of a beautiful soft saffron yellow with old gold shadings. Flowers of great substance and good keeping qualities, with full centers. Held erect on strong stems. Excellent bush growth and free flowering.....**$2.00**

Earl Williams (Doolittle)—The flower is very large, form perfect. The base half of the petals are brilliant crimson scarlet, the point half of the petals white. The variation in the flower is one of its greatest charms. It is a most constant bloomer. One of the best dahlias.....**$1.00**

Elkridge (Griffiths)—A fine new white decorative. The flowers are of good size, borne on splendid stems, petals firm in texture and it is particularly fine for keeping when cut. Profuse bloomer and vigorous grower.....**$2.50**

Ellinor Vanderveer (Seal)—An incomparable dahlia, of exquisite beauty and great size, having every desirable quality. The large blossoms are of a growing, satiny, rose pink. The flowers are of great depth and substance, and are held far above a tall, sturdy bush, on exceptionally long, stiff stems, early blooming.....**$1.50**

Eliza Clark Bull (Boston)—Pure white flowers, borne profusely on bushes of medium size. The blooms are large, regularly formed, standing extreme heat and drought exceptionally well....**$2.00**

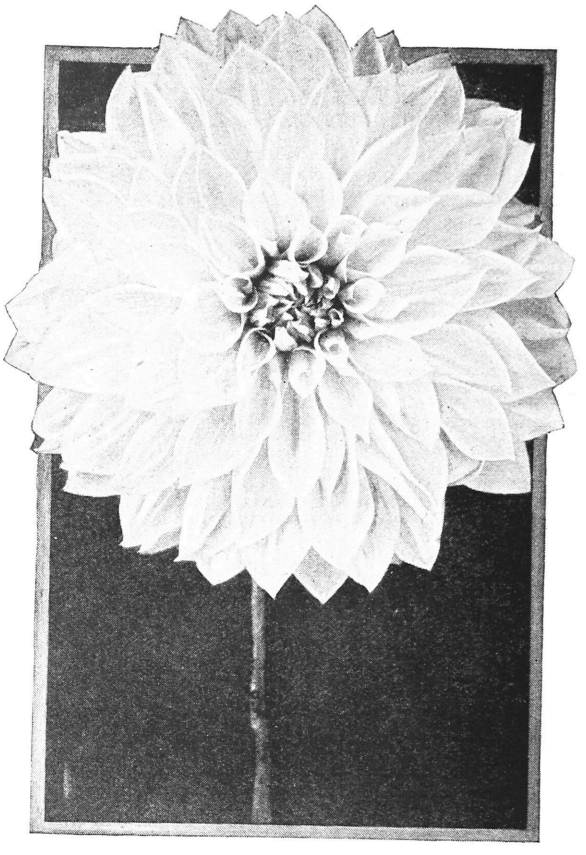
Elite Glory (Kennedy)—A monstrous flower of a brilliant rich red, without any apparent purple or maroon shading. Blooms and foliage gigantic in size. This dahlia is regarded as a "break" in the Dahlia World and cannot be surpassed for spectacular effect either for exhibition or garden purposes. Especially fine keeping qualities as a cut flower.....**$3.50**

Eva Cole (Murphy)—Large exhibition flower in shades of red and gold. Can be grown to very large size. Free bloomer, flowers on long stiff stems. One of the best in these shades.....**$2.50**

Faith Garibaldi (Boston)—A deep rose colored decorative shading lighter on the outer petals. A flower of great depth as well as large size, held up straight on a long stiff stalk. Always several splendid flowers on a bush, perfect closed center, begins blooming early and continues until frost. Fine keeper for exhibition purposes.....**$2.50**

F. A. Kent (F. & M.)—A staghorn type of exhibition decorative of a beautiful mallow-pink, held upright on rigid stems well out of dark green foliage. Medium to tall habit of growth, a large flower of exceptional beauty. Late variety.....**$1.50**

Fort Washington (Rindfleisch)—An exceptionally large dark maroon. Flowers borne on long straight stems. Plants tall and very robust. A fine exhibition variety.....**$3.00**



ELIZA CLARK BULL (DECORATIVE)

Fordhook Erecta—We know of no other Dahlia having a better habit of growth, or producing so freely during the entire season. The blooms are perfectly formed—they are well rounded, fully double, and exceptionally thick. The habit is sturdy and upright, and the blooms are held stiffly erect above the foliage. The color is a bright amaranth-pink, shading lighter toward the base of the petals.....**$3.00**

Fordhook Formidable— A beautiful autumn shade combining a brilliant light bronze tone with a darker crimson reverse. Toward the base the petals shade into yellow.....**$3.50**

Fordhook Goldcrest—A magnificent flower of bright salmon-pink shaded with copper, and salmon reverse. The high center petals are a rich shade of yellow.....**$3.50**

Fordhook Radiance—The combination of exquisite coloring, size, form, and good habit of this magnificent Dahlia is hard to beat. The flowers are of immense size, refined form, and are carried on long, stiff stems. The color is bright peach-red, suffused with metallic bronze. There is just a suspicion of soft salmon on the outer petals and a touch of buff-orange on the inner petals.....**$2.50**

Fordhook Spray—A real bright rose shade with a silvery suffusion. Of upright sturdy growth, blooming profusely on long, strong stems. A showy garden variety.....**$3.50**

Fordhook Sunshine—A wonderful flower of clear salmon shaded fawn and flushed with yellow. The reverse is tinged and edged salmon. Awarded Certificate of Merit.....**$3.50**

Fordhook Victory—A giant Decorative Dahlia, with most attractive well-formed blooms, carried on strong and sturdy stems. Even under ordinary garden culture, the flowers attain an unusually large size. The petals are well placed and of substantial texture. Fordhook Victory is destined to become a favorite variety, as most Dahlia-lovers will appreciate its rich outstanding color. The blooms are a lovely shade of rich tyrian-rose.....**$3.00**

F.T.D. (F. & M.)—A sport of Trentonian, and manifesting the latter's good habit of growth. Color, a rich tyrian rose. Flowers held well above foliage on long rigid stems, free flowering.....**$4.00**

Gladys Sherwood (Broomall)—This is one of the very largest pure white dahlias grown. The flowers are of fine form and held erect on strong stems. The petals are unusually large. As a garden flower it has no equal among whites.....**60c**

Beechcroft Decorative Dahlias

Garden Beautiful—See Queen of the Garden Beautiful.

Harry Mayer (Seltsam)—Color a beautiful silvery pink on face of petal with a deeper rose pink on reverse; petals very regularly placed, making a thick flower. Excellent foliage and habit of growth, free bloomer. One of the finest for exhibition.....**$7.50**

Hera—Color is of a most striking rosy lilac, flowers of enormous size, produced on strong, wiry stems; perfect form, borne well above foliage. An exhibition and garden bloom of great merit....**$1.00**

His Majesty (Boston)—Color a bright scarlet, formation of petals slightly irregular. An exceptionally free bloomer and does not require heavy disbudding to obtain size and stem. One of the best reds.....**$1.50**

Homeric (Stredwick)—Color a blending of yellow and deep rose, the yellow being almost clear at base and tips of petals. Flowers large and deep, good stem.....**$1.25**

Insulinde (Kriest)—Very large, of a rich orange buff overlaid with a golden sheen, shading to orange deep in center, with old rose on reverse of petals, which are broad and curly. The stems are straight and wiry, and the blooms face up like a chrysanthemum. One of the very finest dahlias ever produced.....**75c**

Jersey's Beauty (Waite)—A beautiful shade of pink, flowers of perfect shape, produced on long, straight stems. Free bloomer and a splendid keeper. Winner of special gold medals. One of the most talked of dahlias.....**$1.00**

Jersey's Beacon (Waite)—A decided novelty, of Chinese scarlet, with a paler reverse, giving a two-toned effect. An exhibition flower of vigorous growth; excellent stem.....**$1.50**

Jersey's Elegans (Waite)—Spinel pink, medium size, flowers produced very freely on good stems.....**$2.50**

Jersey's Ideal (Waite)—Color a deep lavender-pink. Flowers are borne face up on top of a strong stem, making a deep flower, vigorous grower and free bloomer, very highly recommended.....**$4.00**

Jersey's Olympus (Waite)—Large globular flowers, in a combination of saffrons, venetian and flesh pink with a suffusion of gold when fully open, good stem and foliage **$5.00**

Judge Marean (Marean)—Very large flower of perfect type and difficult to describe, produced very freely on strong stems. Color a blending of glowing salmon, pink, red, iridescent orange, yellow and pure gold.....**$1.00**

Kitty Dunlap (Boston)—A delightful shade of American Beauty. Petals broad but have a slight tendency to roll; the long stems are practically without leaves, and we recommend it highly for both exhibition and commercial purposes, as it is a fine keeper. If this dahlia did not have all these admirable qualities the coloring alone would make it popular.....**$1.00**

La Gros Bete (Marean)—Large flower, held straight on strong stem. A cerise self-color. It makes a splendid exhibition variety. A bloom of outstanding quality.....**$1.00**

Marjorie Hennessey (Seal)—The blooms are large, of the most perfect formation and are carried on extra long stiff stems above a tall-growing bush. The color is Amber heavily suffused rose, lightening toward the center to a true Amber. The tips of the unfolded petals are of a deep rose pink, making an exceptionally lovely Dahlia.....**$3.50**

Marmion (Mastic)—This is one of the very largest Decoratives, and as an exhibition Dahlia it has few equals. The flowers are massive and have a great depth. It is a pure golden yellow with a bronze suffusion on the reverse of the petals. The form enhances the beauty of the flowers as the florets are long and wavy, and are produced very freely on long, strong stems.....**$3.75**

Margaret Woodrow Wilson (F. & M.)—This is a splendid exhibition type of Decorative. The flowers are large, of an opalescent pink, with a Phlox reverse. The petals are broad and flower has a fine formation. The stems are strong and upright and the flowers are produced in profusion. Growth is medium in height.....**$2.50**

Merrick (Albricht)—A glorious shade of light maroon, tipped and reverse of petals mahogany; bloom very large and a free bloomer; stems good but bloom heavy.....**$1.50**

Mina Burgle (Burgle)—Flowers are large, massive and of a remarkable beauty. Color is a rich, luminous, dark scarlet. A strong, upright grower and free flowering variety.....**35c**

Mabel Lawrence (Stredwick)—A very large bloom carried on strong stem. Color deep crimson scarlet throughout, very highly recommended.....**$2.00**

Mrs. Carl Salbach (Salbach)—Color is lovely mauve pink and shading lighter to the centre. The flower is very large, with long, stiff stem; has been a continuous prize winner since being introduced; also a popular cut flower.....**60c**

Mrs. Eleanor Martin (Pelicano)—A fine exhibition and garden variety; does best in cool, foggy weather. The color is mulberry. The petals are a peculiar rose with a reverse of violet. There is nothing like it in color. Stem long and stiff and very free flowering.....**$1.50**

Mrs. F. A. C. Perrine (F. & M)—Color a lovely shade of lilac with pale "Cattleya" reverse curiously twisted and curled petals terminating in sharp points, blooms large on good stems..**$1.50**

Mrs. I. de Ver Warner (Marean)—A blossom of soft orchid coloring seldom appearing in the dahlia family. For its charming color, large bloom and very long, strong stem this variety immediately attracts attention wherever grown or exhibited. It is a refined, deep mauve pink, beautifully formed.....**75c**

Mr. Crowley (Broomall)—One of the most exquisite dahlias on the market, attracting immediate attention wherever exhibited. A bright, glowing shade of salmon pink; base of petals yellow. Dwarf habit.....**75c**

Mordella—One of the newer really good dahlias. It is a real art dahlia, of a bright apricot buff color. Flowers are very large, and hold well above foliage on long stems; a profuse bloomer....**$2.50**

Myra Valentine (Mills)—A golden bronze color, very much admired; a good stem.....**$1.00**

Patrick O'Mara (Vincent)—The color is an unusual soft and pleasing shade of orange buff slightly tinged with rose, a beautiful autumn shade. It has long, stout stems, fine keeping qualities and is a splendid cut flower.....**60c**

Paul Michael (Michael)—(California Gold). A pure gold colored dahlia, of immense size, excellent bloomer and fine for exhibition. The petals are heavy, broad and curled gradually. Very early and a profuse bloomer.....**$1.00**

Pride of California—This is one of the best red decorative dahlias for all purposes. It has size, stem and splendid keeping qualities and a profuse bloomer.....**50c**

Pride of Stratford (Meachin & Sherman)—Face of petals deep orange, reverse madder brown, petals evenly placed and slightly quilled. Stems long and sturdy. Highly recommended.....**$3.00**

Primula Rex (Broomall)—Very well named King of the Primroses. The flowers are massive in form and a light cream or English primrose color. The flowers are large and produced quite freely on splendid stems. An exhibition variety of exceptional merit.....**$2.50**

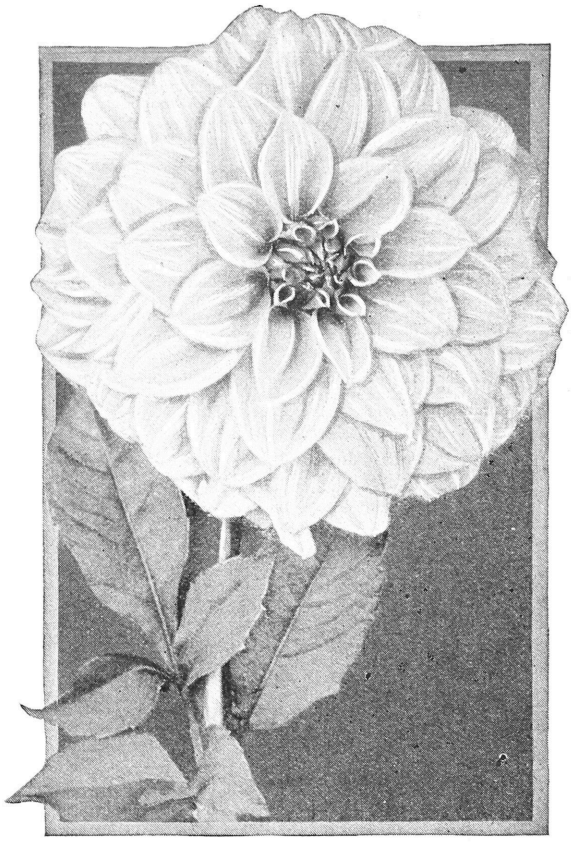
Purple King (Bruidegom)—Color is deep royal purple, rich in tone. The extra large well-shaped flowers are produced freely, stems are long and strong, holding bloom erect.....**$1.00**

Queen of the Garden Beautiful (Burns)—It is an immense lemon yellow blossom from nine to twelve inches across and four to five inches deep. The stems are unusually strong and it is a good keeper.....**$3.50**

Radio—Without doubt one of the largest and most beautiful variegated dahlias to date. Won many prizes as largest in the show. Color blood red, edged and tipped yellow.....**$1.50**

Robert Treat (Mueller)—A most unusual color, being of a brilliant American Beauty rose shade; excellent exhibition type; stiff stems, plants strong growing and spreading habit, and a profuse bloomer.....**$1.25**

Roman Eagle (F. & M.)—A flower that is typically an autumn shade, which has helped make the dahlia "King of the Autumn Season." Large exhibition decorative, of a flaming, brilliant, burnished copper color. Flowers held well above dark green foliage on stiff stems. Medium height plants; profuse bloomer **$1.25**



THE CANADIAN

Beechcroft Decorative Dahlias

Rosa Nell—Clear bright rose color, flowers very large, fine for exhibition, good keeper, one of the best shaped decorative dahlias in existence, is a rare color and attracts immediate attention wherever seen.....85c

Sagamore (Badetty Bros.)—An exceptionally fine exhibition or cut flower of a golden color, shaded toward the center with a warm salmon-rose or orange buff. Stems straight and stiff and wonderful keeping qualities when cut make this flower most desirable.....$1.50

Sanhican's Gem (F. & M.)—Color is a delightful shade of old rose, thickly suffused with amber in young state. At maturity it is a clear old rose shade. The petals are large and thickly placed, true staghorn type.....$2.00

Sanhican's Ruby (F. & M.)—A color and bloom that are sure to succeed on the exhibition table. Color is deep shade of "pigeon's blood," suffused with bronze. Petals fluffy and pointed, thickly placed to form a very full flower.....$1.25

Shudow's Lavender (Boston)—A beautiful lavender blossom of exquisite coloring, slightly shading to white. In hot weather the white is more prominent. Fine, large flowers, with long, stiff stems, making an ideal cut flower. One of the very finest dahlias in existence, and should be in every first-class collection.....$1.50

Souvenir de Gustave Doazon (Bruant)—The color is orange-red; flower is full to the centre and long, strong stem. An excellent variety for the beginner, as it is one of the easiest to grow for good results.....40c

The Canadian (F. R. Waite)—A very large and finely formed flower on excellent stem, in form resembling Champagne, of which it is a seedling, color true Autumn shade, varying from gold to rose, showing to excellent advantage under artificial light.....$4.50

Thos. Hay (Stredwick)—A large bloom of clear lilac color throughout, stems carry the huge flowers with ease, free flowering. Highly recommended.....$1.50

The Bashful Giant (Marean)—This is unquestionably one of the largest flowering dahlias. The gigantic blooms are excellent for exhibition where size is one of the requisites; it is also of great merit for its beautiful color, being apricot with golden shadings. Flower is pendent on account of size of bloom.....$1.25

Trentonian (F. & M.)—A giant dahlia of a shade that is really symbolic of autumn, a wonderful blending of old gold, amber and coppery bronze with a central zone of reddish bronze. The petals are broad and well placed. Blooms are placed horizontally on top of a cane-like stem.....$1.25

W. E. Cooper (Boston)—A clear true pink with no suggestion of lavender or mauve. The blossoms are carried in profusion on perfectly rigid stems.....$1.25

Watchung Sunrise (Smith)—Enormous in size, and when fully formed makes a perfect sphere. Color is rich golden yellow, diffused amaranth pink toward outer petals. Growth is vigorous and stems wonderful, holding flower positively erect.....$5.00

Hybrid Cactus Dahlias

Hybrid Cactus or Semi-Cactus type—floral rays short as compared to Cactus type, broad, flat, recurved or twisted, not sharply pointed except when tips are divided (staghorn), margins only slightly revolute and tubes or outer florets, if any, less than half the length of ray or petal.

Andres Hoffer. One of the daintiest H.C. Dahlias produced for some time. Color salmon-rose with delicate yellow centre. Stems hold the bloom stiff and well out of the foliage. Should be in every collection.....$1.00

Aurantiaca (Bruidegom)—The gracefully curled petals are of a golden terra cotta, salmon tinted towards the center. Stems long and stiff well above foliage, free flowering.....$1.25

Countess of Lonsdale (Cannell)—As a garden flower this variety has always given the best of satisfaction. As many as 50 perfect blooms have been counted on plants at one time. The color is a rich salmon, blending to salmon-pink and amber. Blooms freely under all conditions.....35c

Daddy Butler—This is a very large hybrid cactus of the truest form for exhibition and a wonderful cut flower; colors are of the American Beauty shades or rosy carmine. The petals are twisted and rolled, showing a lighter tint. The stem is good and bushes are always covered with large perfect blooms, which last for days when cut.....$1.25

Eagle Rock Jewel (Broomall)—Cream overlaid cameo-pink. Large flowers borne on strong stems; vigorous grower. Does best on light, well-watered soil. One of the largest cactus dahlias to date.....$10.00

Edna Ferber—An exhibition Dahlia of huge size, with an extremely fine stiff stem. Color, a glistening coral, shading to old gold at the base of petals. Petals curled and twisted, making a very full flower. Growth medium to tall. Extra fine in every way.....$5.50

Elsie Daniels (Meachan & Sherman)—The color of this wonderful dahlia is a pale orchid shade on the outer petals, which are long and shaggy; the centre ones are white, making a most wonderful combination of colors. The habits of the plant are all that could be desired. It grows about four feet tall and the stems are strong enough to hold the extra large flowers erect above the foliage.....$1.50

Emma Marie—A favorite because of its pleasant shade of clear pink with a creamy white center and its combination of exhibition and commercial qualities not found in many dahlias. It is a robust grower, producing deep, full-centered blooms on one to two foot stems.....$1.00

Ethel M. (Reed)—An exceptionally pretty hybrid cactus, the outer rows of petals being a glowing pink, the inner rows shading to white with a white center, a profuse bloomer. The good-sized flowers are carried erect on stiff stems.....$1.00

Fordhook Pearl (Burpee)—An early, free, and continuous bloomer. Deep creamy white, the base of the inner petals being shaded viridine yellow. Flowers are held stiffly erect on long stems.....$3.00

Fordhook Chevalier—A beautiful Hybrid-Cactus Dahlia, combining with its beautiful autumn tints a remarkable freedom of blooms. The large blooms are at all times fully double. They are a most appealing shade of light orange-buff suffused with darker orange and backed with bronzy red. A valuable variety, one of the most admired in our Dahlia fields during the past season.....$3.00

Hybrid Cactus Dahlias—*continued*

Francis Lobdell (Waite)—Mallow pink, shading to white in the centre. A very stiff stem and of dwarf growing habit. Wonderful free bloomer. Splendid bedding variety as well as an exhibition and cut flower variety. Flowers large and of perfect form, and stems are strong,hold flower erect.....$1.25

Garden Glow (Burpee)—An exceptionally fine hybrid cactus dahlia. The blooms are borne on strong wiry stems, above all foliage. Its unique and pleasing color appeals to all—no variety having been more admired or more freely ordered at the various dahlia shows where it was exhibited. Orange-red over chrome-yellow, the tips and base pure soft chrome-yellow....$2.00

George Walters (Carter)—One of the very largest dahlias on long stems. Salmon color with a golden sheen; a very profuse bloomer, one that should be in every garden.....75c

Golden Sonne (Schone)—The color is very fine, amber gold, similar in style to Ambassador. Stem is very stiff and long, a most satisfac tory variety.....$1.00

Islam Patrol (Davies)—Very dark, velvety, scarlet tipped and flushed with gold; very much admired, and has won many prizes. Good stems and fine keeper as cut flower.....$1.50

Johnkeer Von Tets (Kriest)—Color is pure white; the petals are twisted in an unusual manner. Flowers are large and on a first-class stem. Excellent as a cut flower, one we can recommend as unusually fine, being extra free flowering and of medium to dwarf habit.....75c

Kalif (Englehardt)—One of the older varieties and still one of the best in its color. Its brilliant, pure scarlet color, strong, stout stems, large and perfect formation, make it one of the most useful dahlias, both for cut flowers and exhibition purposes.....50c

Mariposa (Bessie Boston)—A delightful shade of true pink, which is intensified by a deeper colored center; a faint violet suffusion adds to the effect. The veining of the petals heightens the beauty and increases the novelty of the coloring, one of the best H.C. Dahlias in commerce.....$1.00

Marian Broomall (Broomall)—This is a very large pink and white, one of the best in this class, stems are good, and splendid habit of growth.....$2.50

Miss Kroes (Vianen)—The silvery pink flowers are perfectly formed and carried on long, elegant stems. A most refined variety, blooms are not large, but excellent for cutting for decorative purposes.....90c

Mrs. Edna Spencer (Spencer)—A splendid example of the American Cactus. The color is an exquisite lavender pink. The blooms are of splendid form and size, coming full to center till late in the season. The lovely color and good keeping qualities make this an exceptionally fine cut flower.....75c

Nagel's Roem (Nagel)—This variety is one of the very best in its class. Color is a beautiful shading of copper to salmon. The flowers are very large and stand erect on strong stems Should be in every collection.....$1.00

Nichu (Boston)—The blooms are large, very incurved in shape. A cheerful bloomer, the plant producing, at all parts of the season, a mass of clear yellow blossoms with closed centers.....$1.50

Papillon (Boston)—This is a very large dahlia. It is a wonderfully improved George Walter; size much larger, stem much better. A beautiful shade of old rose, with golden lights. A wonderful bloomer; stems strong and long, that carry the flower well above the foliage.....$1.00

Rollo Boy (Pelicano)—Blooms are of great size, carried erect on strong stems, and are of a delicate shade of amber shading to old gold. For exhibition purposes it is one of the best.....$1.50

Silverado (Seal)—Immense blooms of white, gradually shading toward the center to a delicate lavender. The stems are extra long and strong and the tall bushes are always covered with these huge, feathery blooms.....$4.00

Siskiyou (Broomall)—Pink tinged mauve. One of the very largest flowers ever originated, it has created a sensation wherever exhibited. Flowers held perfectly erect on long stiff stems.....$1.75

Turquoise (Hornsveld)—The thin pointed florets are deep mauve, resting on a golden ground. Stems are long, and the flowers last long in water.....$1.00



HYBRID CACTUS DAHLIA

Cactus Dahlias

Cactus Dahlias, flowers fully double floral rays or petals long, narrow, incurved or twisted, with sharp divided or fluted points and with margins revolute (rolled back or outward) forming in the outer florets a more or less perfect tube for more than half the length of the petal.

Ambassador (Broomall)—Considered the finest cactus dahlia; has been a constant prize winner. Color soft yellow buff, shaded salmon pink. The flowers are of pleasing form and of enormous size. A strong grower and free bloomer; on good stems.....$1.00

Ballet Girl (Bessie Boston)—The highest type of English Cactus, hard to describe; the highest percentage of flowers are orange, with white edge, but all kinds of variations will be found on the same plant. Free flowering, and one of the best for exhibiting....75c

Eagle Rock Sunshine (Broomall)—One of the largest and finest in this section. Color is a beautiful deep shade of yellow. Excellent stems. Plant early and water freely when in bud.....$2.50

Elite (Stredwick)—The form of this variety is very full and rounded as the outer florets reflex and the younger incurve. Color is the softest possible tint of pink on the older florets to white at center, stems are long, upright and hard.....$1.25

Farncot (Fraser)—Color is aster purple, tipped white. The flowers have perfect form and are carried on top of good stiff stems. Profuse blooms, very highly recommended.....$1.75

F. W. Fellows (Stredwick)—This beautiful orange cactus is one of the best grown. Very large blooms; deep, perfect form for exhibiting; indispensable for the garden and cut flowers, as its color is most attractive.....60c

G. H. Barlow (Stredwick)—Color clear bright orange, sometimes especially early in the season, slightly suffused a rosy tint, the center lightening to almost clear yellow. Perfectly incurved form. Can be grown to large size.....$2.25

Guardian (Stredwick)—A medium to large flower, of a glowing crimson scarlet, on a strong, upright stem. A very striking variety.....60c

Mary Segar (Stredwick)—Clear medium-yellow, large flowers, semi-incurved narrow florets. The stems are particularly wiry, long and erect. Plants are tall and free flowering.....$2.00



CACTUS DAHLIAS

Cactus Dahlias, *continued*

Miss Fordhook (Burpee)—This a gem in every sense of the word. Free-flowering, of perfect form, artistic color, and excellent habit. Although producing flowers very early in the season, the plants continue blooming until frost, and the flowers are always double. The color is a bright shade of amaranth-pink, the inner petals being white, softly suffused with rose-pink towards the tips.....**$2.00**

Mrs. A. Harvey (Stredwick)—A large full flower, with incurved florets gracefully arranged. Color, light salmon pink, darker shadings at base of floret.....**$1.25**

Pierrot (Stredwick)—A unique and striking variety of the true incurved cactus, the color being amber, usually tipped pure white. Plants are of splendid habit and flowers are very large....**60c**

Rev. H. C. Weaver (Stredwick)—When well grown very large both in width and depth. Color clear rose except at extreme tips which have a distinct spear point tip of yellow. Long black stems.....**$1.25**

Ring-Ouzel (Stredwick)—Color, deep rose to white, which shows as a distinct white disk round the central unopened florets. Flowers medium in size, carried on long, strong stems quite erect.....**$1.25**

Paeony-Flowered Dahlias

Flowers semi-double, and have conspicuous open centers, while the large, broad, gracefully curved and twisted petals are rather loosely and irregularly arranged. They are devoid of stiffness and formality and are sometimes referred to as the "Art Dahlia."

Gorgeous (Bessie Boston)—A vigorous growing variety, with immense flowers on long stems. The color is a wonderful combination of yellow, shading to bright red. Fine for exhibition....**$1.00**

King Albert (Hornsveld)—A large, finely-formed flower, with gracefully recurved petals, borne on strong, straight stems. A rich royal purple. A strong, vigorous grower and free bloomer.....**50c**

Zonsondergang (Majoor)—Color beautiful burnt amber, shading to orange. Well formed bloom, of large size, on long, strong stems, erect above the foliage.....**50c**

Pompom Dahlias

Pompom Dahlias are surely the gems of the Dahlia family, producing very small, compact flowers like diminutive Show Dahlias. They are invaluable for cut flowers. Pompoms should not be disbudded, but allowed to grow naturally. For show purpose bloom should not be over two inches in diameter. Stems are good, habit dwarf. If you do not grow any other variety of Dahlia you cannot afford to be without some of these

Amber Queen—Deep Amber.....**35c**

Atom—Orange.....**60c**

Bacchus—Bright crimson scarlet.....**50c**

Belle of Springfield—Crushed Strawberry.....**40c**

Darkest of All—Very dark maroon.....**35c**

Dee Dee—Lavender.....**50c**

Dr. Jim—Purple.....**50c**

Eleganta—Pale lilac.....**50c**

Gannymede—Yellow edged pink.....**35c**

Ideal—Yellow.....**35c**

Joe Fette—White.....**35c**

Klein Domitea—Amber and bronze.....**35c**

Little Sweetheart—Red tipped white.....**35c**

Little Mary—Dark rich crimson.....**75c**

Pure White—White.....**35c**

Prince Charming—Pink.....**35c**

San Toy—White tipped carmine.....**49c**

Two New Hybrid Cactus Dahlias

Varieties of merit which should be included in every collection.

Aleonora—The outstanding Dahlia for 1929. A giant hybrid cactus carried erect on iron stems. The color is unique and is best described as Cobalt Blue, similar to Nagel's Ideal. acclaimed as "The Blue Dahlia". Very scarce.....**$7.50**

Delicata—A huge Hybrid cactus of most lovely shell pink shade. One of the finest varieties ever sent out. Strong stems carrying the flowers high above the foliage. Height 5 feet.....**$3.00**

Dahlia Collections

SPECIAL OFFERS FOR 1929

Offer No. 1—For $2.50 we will send you 6 large flowering Dahlias, including Kitty Dunlap.

Offer No. 2—For $5.00 we will send you 12 fine large flowering Dahlias, including Kittie Dunlap and Golden Sonne.

Offer No. 3—For $10.00 we will send you 15 fine large flowering Dahlias, including Jerseys Beauty, Golden Sonne, and Sagamore.

Offer No. 4—For $5.00 we will send you our Special Surprise Collection of 6 superb Exhibition varieties, our own selection, enabling us to give you exceptional quality and value.

Offer No. 5—For $10.00 we will send you our Special Surprise Collection of 12 superb Exhibition varieties, our own selection, enabling us to give you exceptional quality and value.

Offer No. 6—For $3.00 contains 10 Dahlias without labels. These are all standard varieties. This collection will be made up of varieties we have large quantities of, and, if sold separately and labelled, would cost at least $6.00 to $7.00.

Offer No. 7—For $2.00 we will send you 6 Pompom Dahlias, named varieties in good assortment.

Offer No. 8—For $2.75 we will send you 6 Pompom Dahlias in the newer and better varieties.

Offer No. 9—For $4.00 we will send you 12 Pompom Dahlias, named varieties in good assortment.

Summer Flowering Bulbs and Roots

Easily grown, very attractive, planted in Spring, they flower in Summer and Autumn

This class of stock cannot be sent out during the severe weather. Parcels by mail, when carefully wrapped, usually carry safely after the middle of March. Shipments by express usually carry in good condition.

Amaryllis **or Knights Star Lily.** An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers, which are very attractive and handsome. The bulbs should be potted in light, sandy loam, with good drainage. They are of vigorous growth and will repay the care required, being almost sure to bloom the first season. If planted outside after spring flowering they make a good growth and are ready for a second blooming in the fall. They require abundant moisture when growing, but at the season of rest water should be given sparingly.

Amaryllis Johnsonii (Barbadoes Spice Lily). This magnificent bulbous plant throws up an 18-inch spike bearing from 2 to 6 flowers, averaging from 4 to 6 inches across, of a bright, rich red color, with a white stripe down each petal; it also has a rich spicy fragrance; it is robust, luxuriant and the earliest Amaryllis; prolific bloomer of easy culture. Extra large bulbs, **each 75c; large 40c.**

—Formosissima (Jacobean Lily). Intense crimson flowers, with most charming and graceful appearance. The bulbs are dormant during winter, and can be kept like Dahlias. **Each 20c, dozen $2.00.**

—Vittata Hybrids. Beautiful large flowering new seedlings from choicest varieties, beautifully striped, flaked and feathered. Imported from the most celebrated growers in Europe. **Extra large bulbs 75c, large 40c.**

—Valotta Purpurea. A beautiful pot plant, requiring similar treatment to the Gladiolus. It sends up a flower stem about 18 inches in height, bearing from four to eight handsome scarlet flowers. Very easy of cultivation. **Each 30c.**



AMARYLLIS VALOTTA PURPUREA

Anemones **St. Brigid** (The Irish Anemone), a superb and very free-flowering strain, producing single and semi-double flowers of immense size; they contain many brilliant shades of colour, ranging from crimson-scarlet to white and purple. **Doz. 40c, 100 $3.00.**

His Excellency, a beautiful large flowering Poppy Anemone, a brilliant deep scarlet shade, thick strong petals and long stems, **doz. 50c, per 100, $3.50.**

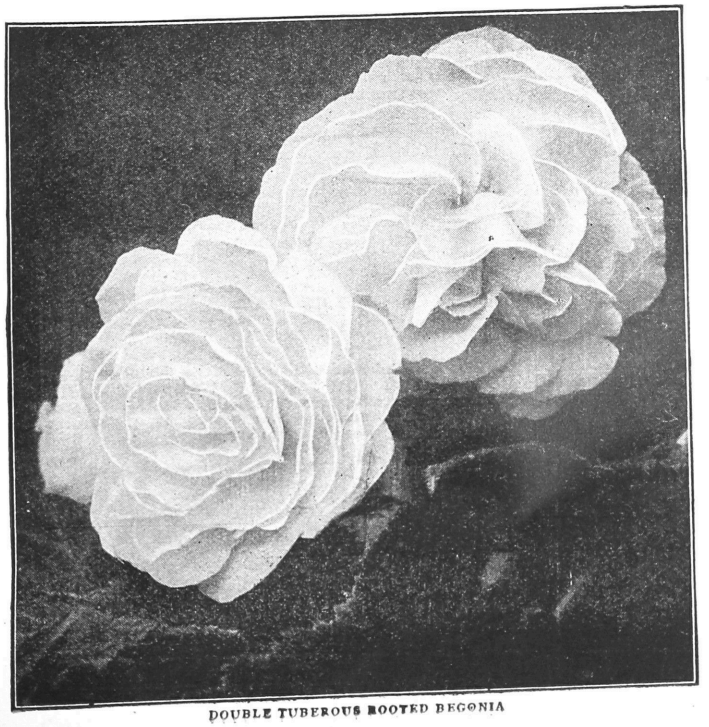
Single large flowering Anemones de Caen (Giant French Poppy-flowered), seedlings mixed, extra, much better than the ordinary strain of single Anemones, one year old corms, **dozen 35c, per 100, $2.50.**

Excelsior Mixture (Caen × His Excellency), the finest strain of Single Anemones yet raised, containing a great many fine scarlets after the type of his Excellency, extra one year old corms, **doz. 50c, 100 $3.50.**

Begonias **"English" Tuberous-Rooted.** Every succeeding year the demand keeps increasing. All of the varieties are beautiful, many of them charming. The flowers are much larger, and some of them bear flowers of an almost incredible size. Not infrequently we see them 4 inches in diameter. Furthermore, the numerous varieties produce many colors varying through all the shades of crimson, scarlet, orange and yellow, and many are pure and white. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color and will bloom continuously throughout the summer. Begonias are specially recommended for shady locations.

Begonia, Single—Scarlet, white, pink, yellow, crimson and orange. Large bulbs, **each 15c, doz. $1.50,** postpaid.

—Double—Scarlet, white, pink, crimson, yellow and orange. Large bulbs, **each 20c, doz. $2.00,** postpaid.



DOUBLE TUBEROUS ROOTED BEGONIA

Begonia, Crispa **(New Fringed Type).** This is a very interesting single-flowered strain of the tuberous-rooted Begonia. The flowers are large and extremely varied in color, including rare shades of copper red. Yellow, pink, etc., also occur. The most characteristic feature, however, is the beautifully fringed petals. Height, about 1 foot. Excellent for pot plants or garden bedding, blooming all summer. The strain is quite unique. In the following shades: **scarlet, pink, yellow, orange, copper, white. Each 20c, doz. $2.00,** postpaid.

Begonia Novelty Varieties

This new type is very floriferous, and quite distinct from the other tuberous rooted sorts, for massing in beds or for pot culture, they are highly recommended. The flower is smaller than the regular type and the growth more upright; they are covered with a mass of bloom until late fall.

Pyramidal shape small flowering. The blooms are exquisite. The plant is about 12 inches high.

Ami Jean Bart. Double Copper yellow, **each 35c, doz. $3.50.**

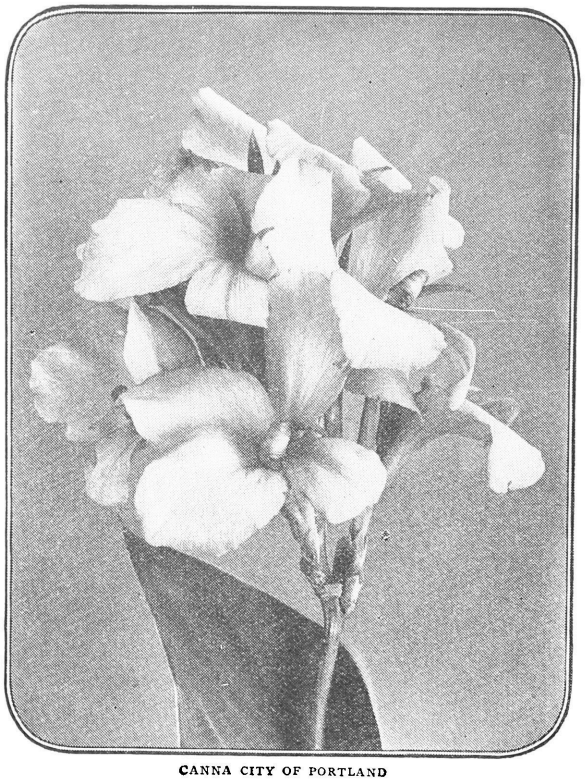
Burgomaster Max. Double Fiery Scarlet, very free flowering, **each 35c, doz. $3.50.**

Frau Helene Harms. Double soft yellow very fine **each 35c, doz. $3.50.**

Madame Oscar Lamarck. New Carmine, a lovely shade, **each 35c, doz. $3.50.**

Pendula, as a pot plant it is very beautiful, but still more effective when grown in hanging baskets, **each 35c, doz. $3.50.**

Summer Flowering Bulbs and Roots



CANNA CITY OF PORTLAND

Gloxinias

These showy plants are easily grown in pots for summer or winter blooming. They make a glorious display and bloom for a long time. Plant the bulbs in small individual pots. The soil best suited should contain plenty of leafmold, some sand, and well-rotted manure. Place the pots in a warm window and keep moderately moist but do not water in excess. When the roots become crowded in the first pot, the plants should be transplanted into larger ones. Protect against direct strong sunlight. Just before the plants come into bloom an application of very weak liquid manure is of great benefit.

Pure White. This is a very beautiful variety, with large trumpet-shaped flowers borne on strong stems.

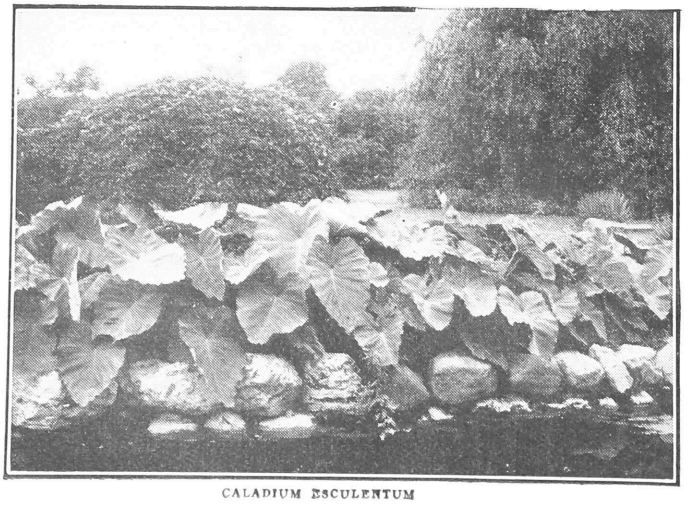
Purple. This color is decidedly darker than any of the others which we are offering. It is beautiful rich purple.

Scarlet. The richness and brilliancy of this fine variety are responsible for its great popularity—a bright scarlet shade.

Scarlet Bordered. A showy, free-flowering Gloxinia with mammoth size blooms. Rich scarlet with a broad edge of pure white.

Purple Bordered. As in the foregoing variety, so we have in this one, a broad white border around a clear violet base.

The above five sorts **each 25c, doz. $2.50.**



CALADIUM ESCULENTUM

Cannas

For a brilliant show all summer there is no plant excelling the Canna; it even surpasses the Geranium in its gorgeous display of brilliant colors, blooming continuously from the time of planting until cut down by frost.

The Ambassador (New). Appropriately referred to as the "Bronze Leaved President," a wonderfully vigorous free-flowering brilliant cherry red. 5 ft. Dormant Roots, **each 35c, doz. $3.50.**

—City of Portland. 3½ ft. The flowers are of the largest size borne on heavy trusses. The color is a glowing shade of pink. The foliage is substantial and strong, of rich green color and free from defects.

—Hungaria. 3½ ft. Large flowers borne on trusses of enormous size, color a pure La France Pink with satiny sheen. The most popular pink.

—King Humbert. In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze; 5 feet.

—Yellow King Humbert (Queen Helen). A sport from King Humbert, flowers golden yellow, dotted red; green foliage; 4½ feet.

—The President. 4 ft. This Canna is superior to any other red variety in the quality and also quantity of bloom. Color rich glowing scarlet, and the immense firm flowers are produced on strong erect stalks well above the large rich green foliage. The foliage is entirely free from disease.

Price Dormant Roots, **each 25c; per doz. $2.50,** postpaid.



GLOXINIA GRANDIFLORA ERECTA

Apios Tuberosa

(Tuberous-rooted Wistaria). Apios Tuberosa. One of the grandest and most beautiful climbing vines in cultivation. It grows very quickly and attains a great height, making, with its dense foliage and beautiful flowers, a most attractive screen. In vine and foliage it resembles the common Wistaria. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, tree or where ever a rapid growing climber is desired. The bulbs are hardy, but should be taken up over winter. Bulbs, **per doz. $1.50; each.....15c**

Astilbe

(Spiraea). This collection includes the best of the latest novelties, all are varieties of strong vigorous growth producing many branched feathered heads of flowers during June and July. They succeed best in a half-shady moist position in any ordinary garden soil.

Bergkristall. Pure white, late flowering (3 ft.), **each 75c,** postpaid.

Ceres. Bright Rosy Lilac (3 ft.), **each 75c,** postpaid.

Kriemhilde. Salmon Rose (2½ ft.), **each 75c,** postpaid.

Salmon Queen. Salmon Rose (2½ ft.), **each 75c,** postpaid.

Caladium Esculentum

or "Elephant's Ears." One of the most effective and easily grown plants for the lawn or flower border. Extra large bulbs, **each 35c, dozen $3.50,** postpaid.

Iris Germanica

FLEUR DE LIS. Iris require little cultivation other than to keep the weeds out. Most varieties thrive best in dry, sunny locations. In planting, the soil should just cover the rhizome and should be well packed around the plant. Fertilizer for the most part should be avoided, although a small application of finely ground limestone and bonemeal is beneficial.

Iris may be transplanted any time the ground is not frozen but the finest time is during July and August. If it should be necessary to plant late in the fall, then cover the plants lightly with straw or leaves to protect the newly set plants during the winter.

Our Iris are all strong, field grown plants

S. Standard. F. Falls

Afterglow. Soft, misty lavender, shading to buff and lighted with rich yellow at the haft. The finely formed flowers have a most pleasing color blend, and are freely borne on strong, well-branched stems. 36 inch. **Each 75c.**

Alcazar. Tall grower standards light blush violet, falls deep purple with bronze. **Each 75c.**

Ambassador. This truly regal Iris will make a creditable appearance at any court. Its rich coloring, fine form and stately growth mark it as one of the world's finest varieties. S. smoky, reddish violet; F. dark, velvety purple-maroon of good texture; beard and styles yellow. Foliage vigorous, stems tall, straight and strong. Height 48 inches. Late. **Each 90c.**

Ballerine. One of the very finest lavender bicolors. S. broad and waved at the margins, of light pearl-blue; F. manganese-violet; haft yellowish, reticulated burnt orange. The flowers are very large and sweet-scented, borne on well and widely-branched stocks. 48 inches. Either in the garden or on the show table this is a striking variety that always commands attention. **Each $1.00.**

Clematis. A unique flower that is aptly named. All six segments reflex horizontally like a Japanese Iris, or a six-petaled clematis. Light lavender-violet, both standards and falls veined darker at the haft. Strong growing, free flowering and fragrant. 30 inches. **Each 75c.**

Dimity. S. white, slightly veined and penciled mauve; F. wide, long and spreading, finely veined with lavender toward the upper half; beard white, tipped brown. 36 inches. A distinct variety of soft coloring that is very beautiful as a cut-flower. **Each 75c.**

Flaming Sword. Standards golden yellow, falls velvety brown. **Each $1.00.**

Glory of Hillegom. Standards lavender blue, falls lavender blue. **Each 25c.**

Honorabilis. Standards golden yellow, falls yellow heavily veined brown. **Each 25c.**

Jacquesiana. S. vinaceous-lilac; F. blackish red-purple; styles and haft buff. A vigorous plant with stalks high and well branched. 48 inches. **Each 70c.**

Kharput. Standards violet, falls velvet violet purple. **Each 30c.**

Kochi. Flowers uniform deep blackish purple. A rich coloring that is greatly admired. Blooms early. 24 inches. **Each 40c.**

Lord of June. A very handsome Iris of largest size that is one of the most effective show varieties either in the garden or as a cut stalk; S. very broad and floppy, light chicory-blue; F. drooping, lavender-violet; haft marked with widely spaced reticulations of old gold. Stalks low and widely branched, with several flowers open. 36 inches. **Each $1.00.**

Mad Chereau. Standards white with sky blue feathered edges, falls white slightly frilled. **Each 25c.**

Mademoiselle Schwartz. A large, free-flowering self of finest form. Uniform, soft. Light lavender-blue, or mauve, that is distinct, delicate and beautiful. A shade lighter than Mother-of-Pearl. Stalks tall, erect, and well branched. 48 inches. If given a well-drained location, the plant is a free and robust grower and makes an effective garden clump. **Each $2.00.**

Mrs. Horace Darwin. Standards white, falls white slightly reticulated violet. **Each 25c.**

Mithras. Standards light yellow falls wine red bordered deep yellow. **Each 25c.**

Neptune. A fine, tall Iris similar in style to Halo and Lord of June but darker in color. S. light, dull bluish violet; F. pleroma-violet, shaded to pale lavender-violet and reticulated walnut-brown at the haft. Large flowers on strong, branched stems. 42 inches. **Each 75c.**

Nibelungen. S. deep olive-buff; F. velvet petunia-violet with a wide buff border. A dull tan effect that is distinct but lacks character. The plant growth is most vigorous and flowers are borne in profusion on stalks of 30 inches. **Each 40c.**

Purple King. Standards and falls rich purple. **Each 25c.**



IRIS GERMANICA

Princess Victoria Louise. An early, free-flowering variety of strong, vigorous growth. S. clear pinard-yellow; F. Roods violet, bordered sulphur-yellow and shaded to yellow at the haft; beard orange. 30 inches. **Each 40c.**

Queen of May. Standards and falls lovely soft rosy lilac fragment. **Each 25c.**

Souvenir De Madame Gaudichau. One of the most striking and most admired Irises in cultivation. It is a very large early deep purple bicolor of unusual rich velvet appearance; S. broad and overlapping, violet; F. Drooping, brilliant, velvety, blackish-purple, shaded to lilac white with blurred purplish brown reticulations at the haft. A strong, stately plant with strong, widely-branched stalks. Over 36 inches. **Each $1.00.**

White Queen. Pure white, very fine. **Each 50c.**

Siberica Alba. A white flowered variety, with narrow grassy foliage. **Each 25c.**

Unnamed, varieties each **20c**; doz. **$2.00**, postpaid.

Montbretia

(Crocosmaeflora). This is one of the most floriferous and showy of summer-flowering plants. Plant 6 inches apart in a group in a sunny position and allow to remain undisturbed. They produce in great numbers graceful spikes bearing from 18 to 30 showy star-shaped flowers of vivid colors. They flower freely the first season.

—Etoile de Feu (Star of Fire). Bright vermilion, centre yellow, outside blood red, very floriferous, **doz. 60c, per 100 $4.50.**

—Fire King. Large flowers of a glowing scarlet red, decidedly one of the most beautiful and a variety which compares favorably with any of the new and expensive sorts, **doz. 60c, per 100 $4.50.**

—George Davison. A splendid Montbretia. The stems are from three to four feet high, very branching, bearing lovely pale orange yellow flowers, widely expanded (true stock), **doz. 60c, per 100 $4.50.**

—King Edmund. Giant rich golden with brown markings in throat, large well-open flower, tall and sturdy plant, **doz. 60c, per 100 $4.50.**

—Lady Hamilton. Very floriferous yellow, the centre is suffused with a ray of rosy apricot, strong grower, fine and distinct, **doz. $1.00, per 100 $7.50.**

—Rosea. Bright salmon rose, distinct, **doz. 60c, per 100 $4.50.**

—Rainbow Mixture. A splendid assortment of choice varieties, including the above mentioned shades, **doz. 40c, per 100 $3.00.**



ELLIOTIANA CALLA

Ranunculus

Ranunculus are easily grown and the bulbs should be planted outdoors after all danger of frost has passed. They do best in a loamy soil. Plant the bulbs 8 to 10 inches apart and cover with 2 inches of fine soil. The flowers are fully double and include a wide range of colors. Some of the flowers are attractively striped and variegated. Ranunculus may also be grown in pots or boxes in the house.

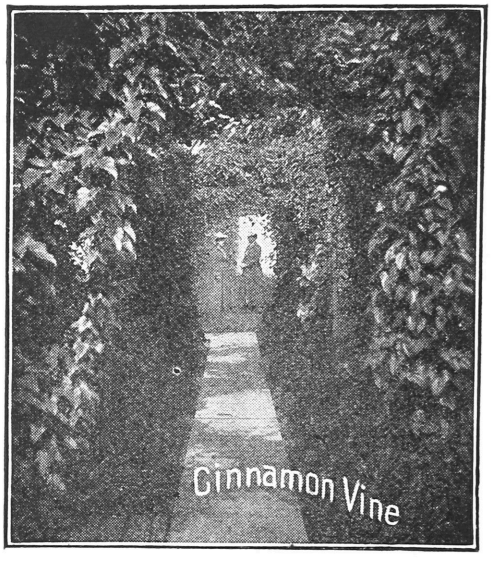
294—Turban, Mixed Colors. Paeony-formed flowers, large and early, vivid colors and compactly double. **Doz. 30c.; 100 $1.80,** postpaid.

295—French, Mixed. Remarkably vigorous growers, with immense and gorgeously loosely-double flowers. **Doz. 30c.; 100 $1.50,** postpaid.

296—Persian, Mixed. Camelia or rose-shaped flowers, very double, rich variety of colors. **Doz. 30c.; 100 $1.80,** postpaid.

"Pearl" Tuberose

This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. It delights, in a strong, rich, deep, well-drained, warm soil; manure, heat and water are essential to its perfect development. Deliciously fragrant. Extra size bulbs, **each 20c, doz. $2.00,** postpaid.



White Calla

(Lily of the Nile). A well-known plant of easy culture, and in winter is one of the best of our winter plants. The only special treatment it requires is abundance of moisture. Give the leaves an occasional syringing to clear from dust, water with tepid water and keep in a warm room. **Bulbs. Each 30c, doz. $3.00,** postpaid.

Calla

Elliotiana (Golden Yellow Calla). The most sensational advance in Calla Lily flowers this century. A good bloomer, very distinct. You will be delighted with its wonderful flowers and rare coloring. Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow. **Each 50c, doz. $5.00,** postpaid.

Cinnamon Vine

A pretty, hardy, rapid growing vine, with neat, glossy cordate foliage. In mid-summer it bears clusters of tiny but fragrant flowers with an odor like cinnamon. A very pretty vine to train over a trellis or around a window. **Each,** large roots, **15c, doz. $1.50,** postpaid.

Dielytra,

or Dicentra. Spectabilis (Bleeding Heart, or Seal Flower). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. Strong clumps, **each 35c,** postpaid, by **doz.** at purchaser's expense **$3.00,**

Summer Flowering Oxalis

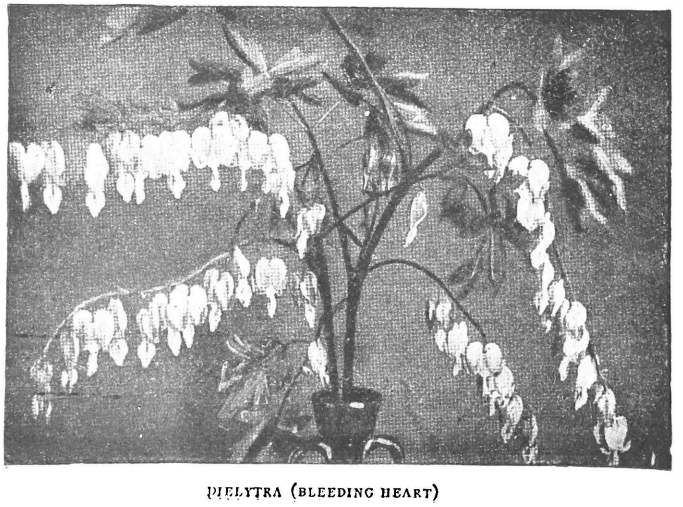
No bulb is so valuable for edging the borders of walks or flower beds as the beautiful flowering Oxalis. When placed three inches apart they produce an unbroken row of elegant foliage and pretty flowers; and as they bloom very quickly after planting they furnish a neat and attractive border the whole season. Mixed colors. **Doz. 30c, 100 $2.25,** postpaid.

Hyacinthus Candicans

This plant somewhat resembles the Yucca, although not so large, throws up a flower stem about 4 feet high, on which it bears from 5 to 20 pure white bell-shaped flowers. **Each 15c, doz. $1.50,** postpaid.

Madeira Vine

A climbing tuberous rooted plant known as "Climbing Mignonette." It is a rapid grower, with thick, dark green glossy leaves and feathery racemes of fragrant white flowers in great abundance. **Each 15c, doz. $1.50,** postpaid.

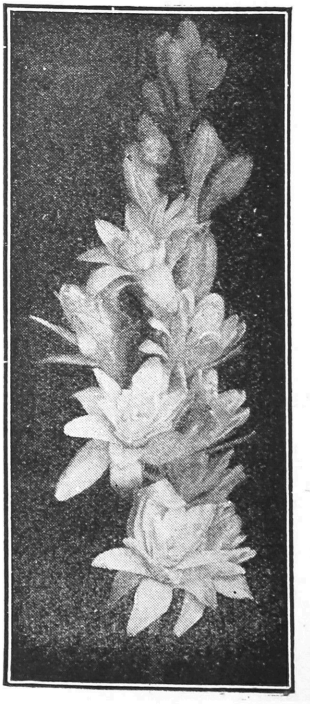


DIELYTRA (BLEEDING HEART)

Tigridias

MIXED COLORS.

—One of the most showy of all summer bulbs. Blooms from mid-summer until frost, growing two feet high, with large wide-open triangular blooms, four to six inches across. Colors and markings are very brilliant, odd and attractive and clumps of them in the border have a most gorgeous effect. It is difficult to name a flower of such unique and exquisite beauty. Easily grown and always satisfactory. **10c each; $1.00 doz.; $7.00 per 100,**



PEARL TUBEROSE

Beautiful Hardy Lilies

Lilies are of the easiest culture, and the varieties listed below are all perfectly hardy. After once being planted, they will increase in beauty and size with each succeeding year. Lilies do best on a well-drained sandy soil, which should be fairly rich, and the plants should be given plenty of water during periods of drought. In order to grow Lilies to large size the bulbs should be planted deeply.

Lilium Myriophyllum or Regale

A magnificent new lily from China, vigorous, 3 to 5 feet high, bearing one to several handsome white fragrant flowers; slightly shaded pink outside and the lower inner surface primrose-yellow. It is a hardy lily and is one of the finest novelties offered in many years. It seems to thrive on any good, well-drained soil. It has been obtained in limited quantities for several years and is now grown from seed, from bulblets and bulb scales. It promises to be the most popular lily in cultivation. **Each 60c, doz. $6.00.**

Lilium Auratum

The Golden Banded Queen of Lilies. Ivory white ground, richly strewn with purple studs. The centre of each petal has a broad band of yellow extending from tip to base. Fully expanded the flowers measure nearly a foot across, are produced abundantly and possess a most delicious fragrance. **Each 30c, doz. $3.00; large bulbs, each 45c, doz. $4.50;** mammoth bulbs, **each 60c, doz. $6.00,** postpaid.

Auratum pictum

Pure white with pink spots and a broad band of orange-scarlet through the centre of each petal. Very pretty, **75c each, $7.50 per doz.**



LILIUM RUBRUM

Auratum platyphyllum

Thickly spotted pink, and distinct crimson band through the centre of each petal. **75c each, $7.50 per doz.**

Yellow Japanese Lily

(Hansonii). Also known as Golden Turk's Cap Lily and as Japanese Turk's Cap Lily. Stately plants from 3 to 5 feet tall with large clusters of blooms. Of a bright golden-yellow color, spotted with purplish brown. The anthers are orange-red. Blooms during June and early July. **Each 75c, doz. $7.50.**

Lilium Speciosum Monstrosum Rubrum

White ground with band and spots of rose and crimson on each petal. One of the best lilies. We have a splendid stock. **Each 30c, doz. $3.00;** large bulbs, **each 45c, doz. $4.50;** mammoth bulbs, **each 60c, doz. $6.00.**

Lilium Speciosum Album

Flowers bell-shaped, petals curving backward, pure white and light green rib in centre of petals. Height 4 to 4½ feet; blooms in June and July in the open ground. Medium size, **each 50c, doz. $5.00;** large bulbs, **each 60c, doz. $6.00,** postpaid.



Batemanni

A most beautiful Japanese variety, growing 3 feet high, with 6 to 8 apricot-colored flowers on a stem; blooms in July and August, **40c each, $4.00 per doz.,** postpaid.

Henryi

The Yellow Speciosum. A beautiful hardy lily from Northern China. The plants are of vigorous growth, frequently attaining a height of 6 feet, each stem carrying from five to eight flowers of a rich, apricot-yellow, spotted with brown, **90c each, $9.00 per doz.,** postpaid.

Speciosum Melpomene

White, suffused with darkest crimson. Flowers very large and fragrant, makes a very beautiful specimen plant. **Each 40c, doz. $4.00;** large bulbs, **each 50c, doz. $5.00.**

Tigrinum Splendens

Tiger Lily. Orange, spotted black, 3 to 4 ft.; August; very hardy. **25c each, $2.50 per doz.,** postpaid.

Tigrinum Flore Pleno

Double - flowered Tiger Lily. 25c each, $2.50 per doz., postpaid.

Elegans, Mixed

Embracing beautiful and distinctive new varieties, which, both for pot culture and for masses of color in the open garden, are unsurpassed. They are very hardy, and grow and thrive under almost any conditions. **Each 25c, doz. $2.50,** postpaid.

Superbum.—(Turk's Cap Lily)—Rich orange, petals tipped red and dark spotted, 3 to 4 feet; blooms in July and August. **Each 75c, doz. $7.50.**

Croceum, orange, spotted black, a stately Lily which forms fine clumps in cottage gardens, true stock. **Each 75c, doz. $7.50.**

Krameri. Wide open flowers of a delicate flesh-pink tint. **60c each, $6.00 per doz.**

Martagon (Turk's Cap Lily).—These are so well known we hardly need mention the variety. Like the type the varieties thrive freely in any good light open soil; they are perfectly hardy and are rather partial to shade, growing freely in grassy places. **40c each; $4.00 doz.**

Pardalinum (Leopard Lily).—Rich scarlet and yellow flowers, spotted with rich brown. Robust and free-flowering. **45c each; $4.50 doz.**

Umbellatum (Incomparabilis).—A magnificent variety, bearing four to six flowers of splendid shape, orange red with central yellow streak, are greatly admired when ever shown. **30c each; $3.00 doz.**

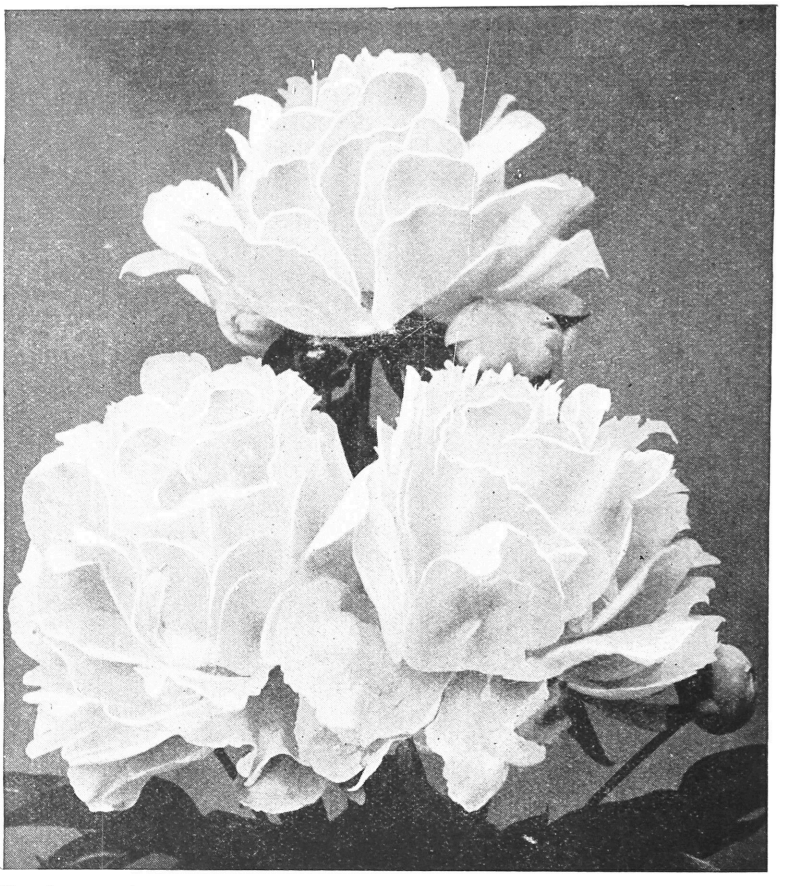
Sapho (Bright Orange).—A fine, hardy plant, producing an abundance of large, fragrant flowers. **30c each; $3.00 doz.**

Giant Flowering Peonies

OUR PEONIES ARE CANADIAN GROWN

Large clumps true to name and in every way superior to the usual small imported clump.

Next to Roses these are the most popular June flowers, and justly so, for they lend themselves to almost any style of planting, while for the little care required they give a variety of color and wealth of bloom unequalled by any other plant. Their requirements are few; they will succeed in any good garden soil in an open sunny position. Care should be taken, however, to keep all fresh manure away from the roots—if barnyard manure is used it must be thoroughly decomposed—if you are unable to procure this, Bone Meal makes a good fertilizer. Peonies may be planted any time after September 1st until the ground freezes in the Autumn, and in the early Spring until the season is too far advanced; the best time, however, is during September and October, as they make roots during the moist cool weather of the Autumn and consequently carry through the Winter in better shape. The roots should be set so that the top or upper eyes are about two or not more than three inches below the level of the soil; do not set the roots flat, but stand them up. For best results Peonies should be planted from three to four feet apart each way, according to the space at your disposal; the ground around them should be well cultivated at all times and in the Spring after growth starts they should have an abundance of water if the season is at all dry. When cutting the flowers always leave one or two bottom leaves; it is best to leave a few flowers on the plant also, as it is of vital importance that sufficient foliage be left to develop the eyes under the ground for next season's growth. Newly planted roots may not develop a characteristic flower the first season, in fact it is usually not until the third year that perfect flowers true to description will be produced. Peonies are seldom troubled with any disease or insect pests; ants sometimes appear on the buds, coming to gather a sweet gum which the bud exudes while developing; they will do no harm and will disappear when the flower opens.



Adolph Rousseau (Dessert 1890). Very large, semi-double. Purple-garnet. Very tall, vigorous grower; dark foliage, veined-red. Early. One of the darkest Paeonies. Fine for landscape effects. In our opinion the best very early dark red Paeony. **Each $1.00.**

Asa Gray A variety which was introduced a good many years ago, but rather scarce, as there is always a good demand. Unique flowers of milk-white thickly sprinkled with minute carmine dots, so that the total effect is delicate pink. Midseason. **Each 75c.**

Baroness Schroeder (Kelway). One of the best and most satisfactory white Paeonies. Immense globular flowers, white guard petals, and a soft, baby-pink centre becoming pure white. Stems very strong, rather light green foliage. Late midseason. **Each $1.25.**

Berlioz Enormous full globular imbricated bloom. Color bright currant-red; centre tinted rose, tipped silver, rose type; late midseason. **Each 75c.**

Boskoop Beauty A good sized flower, outside white, inner petals usually tipped with pink. **Each 60c.**

Claire Dubois A gem amongst the Paeonies and considered even better than Monsieur Jules Elie. Very large, double globular flowers. Color rich, clear satiny-pink with glossy reflex. Rose type. Late midseason. **Each $1.00.**

Duchess de Nemours (Calot). Crown type; early; white, sulphur white collar. **Each 60c.**

Edulis Superba Large, loose bloom of dark pink of even color, flat when fully open, fragrant. Upright, strong growing plant. Early. **Each 60c.**

Festiva Maxima The most popular white Paeony for cut flower. Pure white prominently flecked crimson. Outer petals sometimes faint lilac-white on first opening. Tall, vigorous grower. Rose type. Early. **Each 60c.**

Lady Alexander Duff (Kelway). Rose type; mid-season; pale pink fading to white. **Each $2.00.**

Louis Van Houtte Rich purple lake, a noble variety; extra full and free. **Each 60c.**

Madame Emile Lemoine (Lemoine). Semi-rose type; midseason; milk white. **Each $1.00.**

Monsieur Martin Cahuzac Fiery purple red passing off into chestnut brown, large flower, **$2.50.**

Marie Lemoine Large, rose-type bloom. Pure white with cream; fragrant. **Each 75c.**

Monsieur Jules Elie Large, compact, globular. Pale lilac-rose with silver reflex. Good grower, very fragrant. **Each 75c.**

Madame de Verneville Very large, perfect bomb-shaped bloom. Pure white with centre petals blush, tipped carmine. Medium height; strong. **Each 60c.**

Monsieur Krelage Large, semi-rose type; solferino red edged with silver white; free bloomer. **Each 75c.**

President Taft Soft pink compact flower. **Each $1.00.**

Reine Hortense Hydrangea, suffused rosy salmon, center carmine. **Each $1.00.**

Sarah Bernhardt (Lemoine). Vivid pink extra large flower. **Each $1.50.**

Victor Hugo Medium size, fairly compact, rose type bloom of violet crimson. Strong, vigorous, erect grower. **Each 60c.**

Double Chinese Paeonies Unnamed, in shades of red, pink and white. **Each 30c.; doz. $3.50, postpaid.**

SELECT GLADIOLUS

EXHIBITION VARIETIES

ALL CANADIAN GROWN BULBS, WE IMPORT NO DUTCH STOCK

The Gladioli, for a summer flower, cannot be excelled for beauty in the garden or as a cut flower in the house. Those who have cultivated only the old style Gladioli will be delighted with the newer varieties which have been introduced in the past few years, the self-colors being more intense in color. Those with a combination of colors and the beautiful blending and markings of the throat and petals cannot be surpassed. On this account and the great interest taken in the Gladioli, there will be a big demand for Bulbs; we advise ordering early to prevent disappointment.

Ann Simpson A beautiful shade of deep rose pink similar to E. J. Shaylor, but is a much stronger grower. Each bulb sends up two or more spikes. **Each 25c, dozen $2.50.**

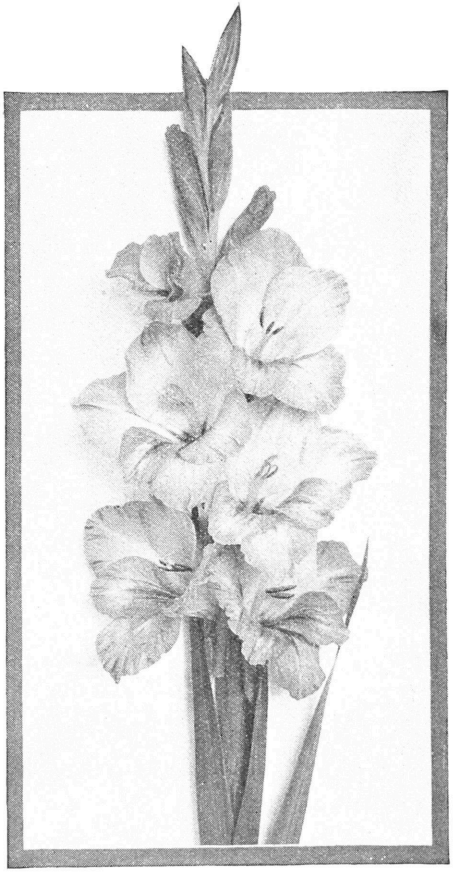
Dandy This is a new variety originated by Mr. Baldwin of Danforth Ave., and was greatly admired when on display at our Booth at Canadian National Exhibition last fall. The color is a lovely shade of Salmon Buff, spotted and mottled with red. The spike is large, flowers well placed and under natural or artificial light this variety is one of the finest we have seen in years. **Each 20c, doz. $2.00.**

Dr. F. E. Bennett Peach red, overlaid with flame scarlet, throat speckled ruby and creamy white; very large flowers of great substance, many open at a time on strong stem; sturdy grower. **Each 50c, doz. $5.00.**

Mr. W. H. Phipps La France pink, overlaid with salmon rose, lighter towards the centre, lower petals faintly striped and speckled with ruby; enormous flowers, as many as 20 open at a time and perfectly placed on gigantic stem; a real super gladiolus. **Each 50c, Doz. $5.00.**

A. W. Hunt Flame orange red; large, wide open flowers on strong, sturdy stem; not tall and therefore excellent for landscaping. **Each 20c, dozen $2.00.**

Illuminator Brilliant carmine red, self colored, except for slightly darker shading, or blotch on lower petalage, superb as to size, length, sturdiness and placement. **Each 30c, dozen $3.00.**



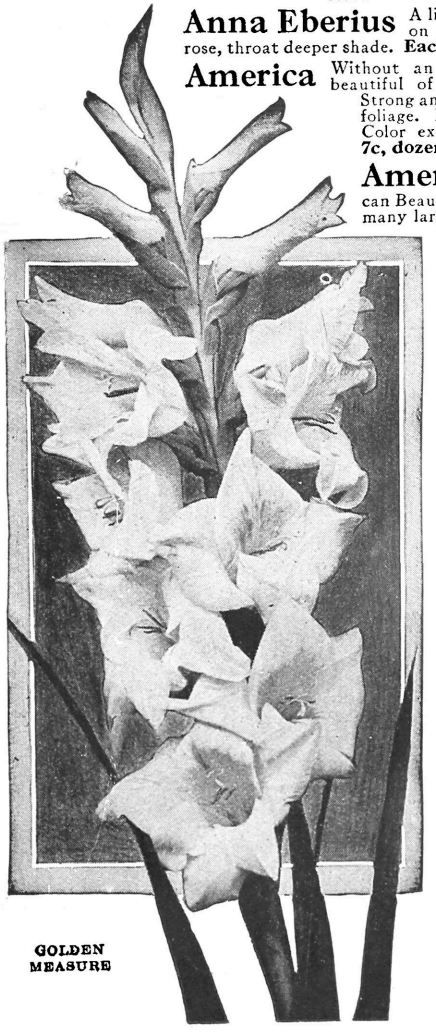
EVELYN KIRTLAND

Albania Large clear white; one of the best whites for mid season. **Each 10c, dozen $1.00.**

Anna Eberius A little different in color from anything on the market. Dark velvety plum rose, throat deeper shade. **Each 15c, dozen $1.50.**

America Without an exception, America is the most beautiful of useful Gladiolus yet introduced. Strong and healthy, with luxuriant dark green foliage. Flower spike two to three feet long. Color exquisite soft lavender-pink. **Each 7c, dozen 70c.**

American Beauty A brilliant American Beauty Rose color, creamy yellow throat; many large flowers open at a time on strong stem. **Each 15c, dozen $1.50.**



GOLDEN MEASURE

Baron Hulot A really fine blue Gladiolus, in color a rich, royal violet-blue, a good grower with well expanded flowers, very effective when cut and used in conjunction with Canary Bird or other yellow variety. **Each 10c, dozen $1.00.**

Byron L. Smith Delicate lavender, deepest at the edges of the petals and shading toward white in the centre; gives the impression of an orchid. Well arranged on good stems. **Each 15c, dozen $1.50.**

Captain Fryatt Carmine Red, with white blotch. **Each 10c, dozen $1.00.**

Carmen Sylva Splendid all-round white, good grower; an excellent spike. **Each 15c, doz. $1.50.**

Crimson Glow (**Betscher**) A perfect, deep scarlet, and among the best of its color. Large, finely-formed flowers, in tall spike. **Each 15c, dozen $1.50.**

Evelyn Kirtland (**Austin**)—Light rose, darker at the edges, fading to shell pink at the centre with brilliant scarlet blotches on lower petals. Very tall spike. This variety wins highest approval wherever shown. **Each 10c, doz. $1.00.**

E. J. Shaylor Tall, very strong plant and large blooms, beautiful, pure, deep rose pink, ruffled flower. Was awarded Certificate of Merit by Royal Horticultural Society of England, Aug. 10, 1920. Very choice. **Each 10c, doz. $1.00.**

Flaming Sword Early, very bright orange scarlet red. **Each 10c, doz. $1.00.**

Gold Golden yellow, throat darker yellow, little stippled; a rival of Golden Measure, which we consider superior. **Each 20c, dozen $2.00.**

Select Gladiolus



MRS. FRANK PENDLETON

Lucie Very tall, with giant flowers well placed on straight stem; soft pure yellow. Nobody can go wrong on this kind. **Each 15c, doz. $1.50.**

Marshal Foch (**Kunderd**)—Vivid pink, well expanded flower, an exhibition variety hard to beat. **Each 20c, doz. $2.00.**

Mrs. F. C. Peters Light lavender with pink tinting soft crimson blotch, flowers large, slightly ruffled, always greatly admired wherever shown, late. **Each 25c, doz. $2.50.**

Muriel Beautiful pure lilac blue with deeper blotch in throat on lower petals; many perfectly placed flowers open at a time on tall, erect stem; a rare beauty. **Each 15c, doz. $1.50.**

Mary Pickford (**Kunderd**)—An extraordinary flower, of delicate, creamy white. The throat is of softest sulphur-yellow. Highest awards. **Each 15c, doz. $1.50.**

Marie Kunderd Pure white with almost invisible lines in centre of lower petal; beautifully ruffled; very large blooms on tall graceful stem. Very early. **Each 20c, doz. $2.00.**

Mrs. Leon Douglas (**Diener**).—Ground color begonia rose, striped with flame and brilliant scarlet. Lip is pale lemon, slightly speckled with ruby. Gigantic spikes with the enormous plume of beautiful flowers, makes this one of the most striking varieties ever produced. **Each 25c, doz. $2.50.**

Mrs. Dr. Norton (**Kunderd**)—A pure soft white with tips of petals suffused La France pink. Quite the most beautiful variety of this type on the market. Highest awards in its class wherever shown. Should be included in your order. **Each 15c, doz. $1.50.**

Mrs. Frank Pendleton All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. **Each 10c, doz. $1.00.**

Mrs. Francis King Brilliant vermilion-scarlet. Most popular and effective variety for all occasions. Large size. **Each 10c, doz. $1.00.**

Steele, Briggs' Seeds are sold by Leading Merchants throughout Canada— Insist on them— They are the best.

Niagara In color the flowers are a delightful cream shade with the two lower inside petals or segments, blending to Canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effects of the petals. The flower spike is very erect and stout and is wrapped with broad dark green foliage. **Each 10c, doz. $1.00.**

Gretchen Zang A fitting companion to the Evelyn Kirtland. Large heavy sparkling blooms, a beautiful soft melting shade of pink blending into scarlet on lower petals. Spike tall and graceful. A Prize Winner. **Each 10c, doz. $1.00.**

Golden Measure Tall and vigorous spike with many large, dark orange yellow flowers; a winner at exhibitions. **Each 15c, doz. $1.50.**

Giant Nymph (**Coleman**)—La France pink, throat creamy yellow, very large and fine. **Each 20c, doz. $2.00.**

Halley Immense flowers of bright orange-rose and having a softer yellowish-tint in the throat. **Each 8c, doz. 80c.**

Herada Blooms of immense size on tall straight spikes. The large blooms are pure mauve, glistening and clear, with deeper markings in throat. A very attractive color. **Each 9c, doz. 90c.**

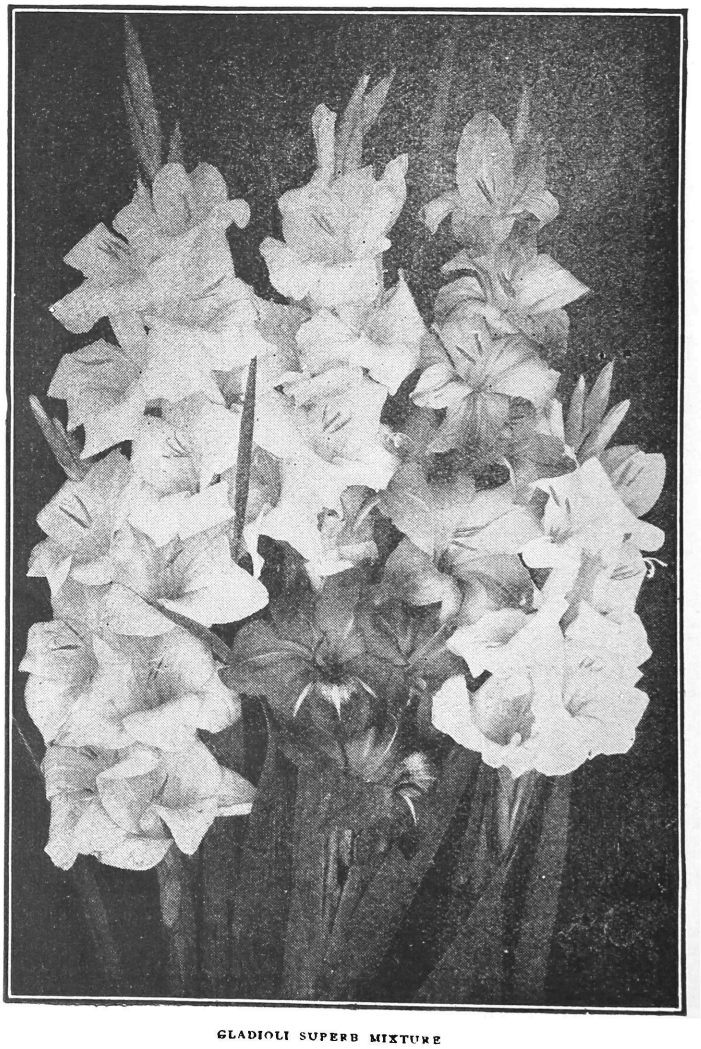
Imperator Enormously large creamy white flowers, well placed on very tall, strong spikes. **Each 20c, doz. $2.00.**

Jack London Light salmon striped vermilion, throat canary yellow with ruby stripes. Fine cut flower. **Each 20c, doz. $2.00.**

Le Marechal Foch A grand novelty having all the qualities that must be required for a real improvement in the existing gladioli. Very early, very large, well-formed and of a charming pink color. **Each 10c, doz. $1.00.**

La Beaute (**Heemskerk**). We rate this as the best of the moderate-priced whites. The throat is cream but the flower is pure white without streaks or splashes. Strong plant, making a fine spike of large flowers. **Each 20c, dozen $2.00.**

Louise Exquisite lavender-pink orchid shade, strong spike. **Each 15c, doz. $1.50.**



GLADIOLI SUPERB MIXTURE

Select Gladiolus

Orange Glory (Kunderd)—Grand orange colored with beautiful lighter throat. Very rich and striking color. Beautiful and distinct. Ruffled. **Each 15c, doz. $1.50.**

Odin A little deeper salmon than Prince of Wales, with larger flowers and small deep red spot on lower petals. Very early. Exquisite variety which everybody will want. **Each 10c, doz. $1.00.**

Panama An improved America, largest and most notable spike of bloom among all pink sorts. **Each 10c, doz. $1.00.**

Peace Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. **Each 10c, doz. $1.00.**

Purple Glory Deepest velvety maroon with almost black blotches; large, ruffled flowers on very tall, sturdy stems; a real giant in all respects. **Each 25c, doz. $2.50.**

Red Canna Large scarlet, exceptional good cut flower on account of the very tall stems. One of the tallest Gladioli. **Each 10c, doz. $1.00.**

Rose Ash Corinthian red, shading into ashes of roses on the outer edges, lower petals light yellow, speckled with ruby. Flowers large, well placed on spike, one of the best. **Each 12c, doz. $1.20.**

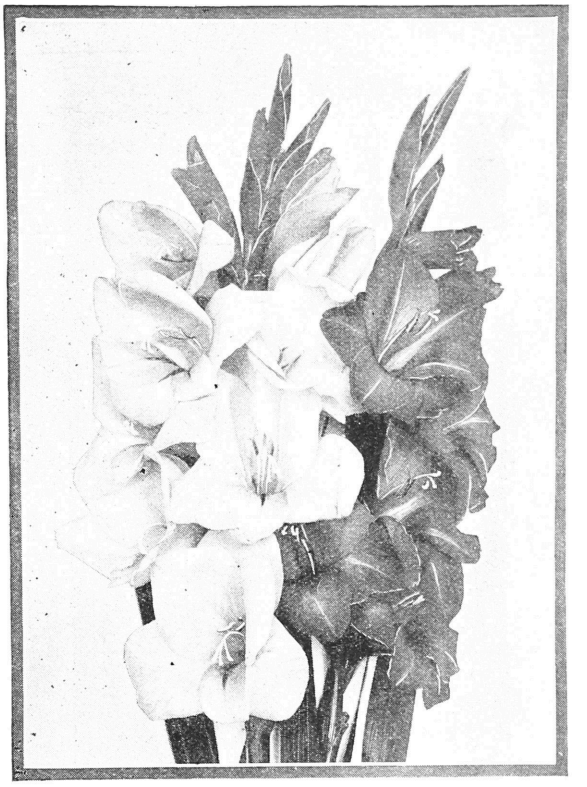
Red Emperor Regal; an extremely large well expanded flower of deep rich crimson; the best red. **Each 10c, doz. $1.00.**

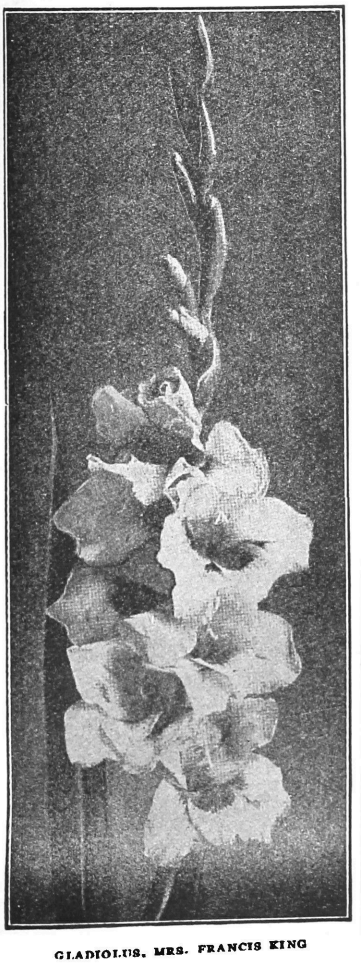
Rose Glory (Kunderd)—A very large and beautiful ruffled, variety. Purest rose pink color, deeper in throat, extra fine. **Each 15c, doz. $1.50.**

Schwaben A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary-yellow with a small blotch of deep garnet in the throat. **Each 10c, doz. $1.00.**

Scarlano (Kunderd)—Orange-scarlet, very showy. Compact spike of ruffled flowers on slender stem, splendid for cutting. Excellent commercial variety. **Each 15c, doz. $1.50.**

Sweet Lavender Light lavender with purple throat; one of the earliest in bloom and very attractive. **Each 15c, doz. $1.50.**





GLADIOLUS, MRS. FRANCIS KING

War The best red Gladiolus in existence; deep blood-red, shading to crimson-black, without any distinct markings. Flower-spike straight, and often 6 feet tall. Blooms at same time as Peace, with which it should stand, because of the intense contrast. **Each 10c, doz. $1.00.**

White Giant (Van Meerbeek)—Large flowers, pure white, good florists' variety. **Each 12c, doz. $1.20.**

Wilbrink An early flowering variety with attractive flesh pink flowers, with creamy white blotch on lower petals. **Each 10c, doz. $1.00.**

Gladioli **Superb General Mixture.** This mixture is made up of named sorts and which have been grown under separate colors. It includes many of the choicest varieties of Childsii and Gandavensis type, also a proportion of new seedling varieties of great merit. This is the best mixture we have ever offered and ensures a wide range of colors, shades and types. **Doz. 75c, 100, $5.00,** postpaid.
Gladioli, all colors, mixed, very choice, first size. **Doz. 60c, 100 $4.50,** postpaid.

Primulinus Hybrids

These have been described "as life-like as butterflies and as graceful as orchids." They are characterized by their graceful slender stems and airily poised flowers in various shades and blending, yellow, orange, saffron and red. No collection is complete without a good assortment of them.

Arlon Light salmon with red throat, darker lined. Large flower. **Each 10c, doz. $1.00.**

Alice Tiplady A cross between Primulinus species and yellow Kunderdii. Probably the most popular of all Primulinus varieties. Color, a beautiful saffron-orange. **Each 10c, doz. $1.00.**

Maiden's Blush Delicate pink with darker pink blotches. One of the most popular and attractive primulinus. **Each 8c, doz. 80c.**

Myra (Kunderd). A new and giant flowered Primulinus, deep salmon on yellow ground. Tall slender stem. Yellow throat with pink lines. Exquisitely showy. **Each 8c, doz. 80c.**

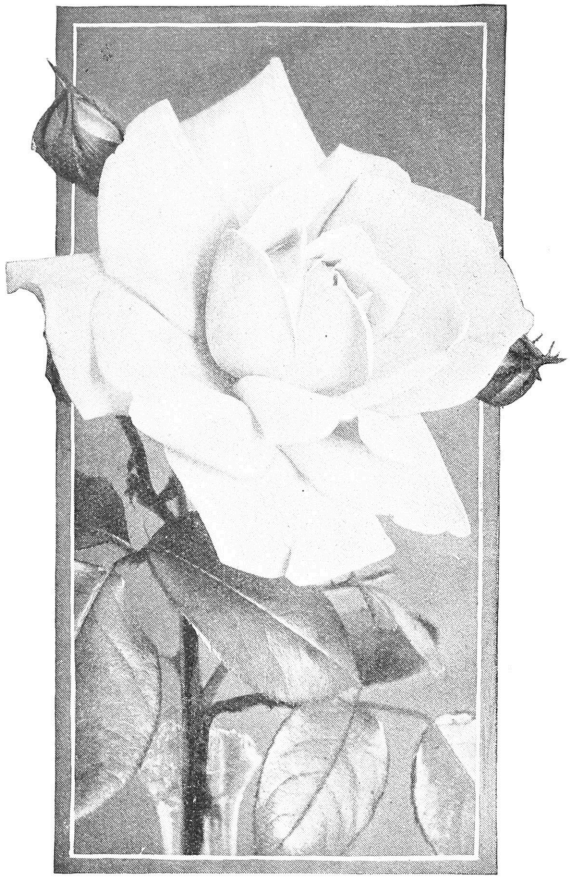
Orange Brilliant (Cave)—Particularly well named. Its bright orange flowers are prettily suffused with scarlet, producing a most brilliant effect. Good keeper. **Each 10c, doz. $1.00.**

Souvenir (Prim)—New. A pure canary yellow Primulinus grandiflorus, the most perfect flowering of the purest canary yellow. **Each 10c, doz. $1.00.**

Primulinus Hybrid Gladioli The range of colors is very remarkable, from the purest and lightest of yellows down to the deepest orange and from the softest shade of salmon pink down to a rich crimson. On account of their slender and graceful habit, delicate colors and peculiar shape of the flowers we believe these new Hybrids will be appreciated for in-door decorations. **Doz. 60c, per 100 $4.50,** postpaid.

The Gladiolus, by A. C. Beal, an up-to-date volume on the growing of the Gladiolus $1.25, postpaid.

Select List of Hybrid Tea Roses



LOS ANGELES

Buy British Grown Roses

All our Hybrid Tea Roses are British grown Stock, from the Southwell Nurseries of H. Merryweather & Sons.

For generations Britons have been noted for Rose Growing, and to-day they hold the foremost place as growers.

Some of the reasons why British-grown Roses are essential for Canadian Gardens are as follows:—

The soil where Rose Trees are produced in other countries is so different from the British soil, and the conditions under which they are grown are so different that the plants have not the constitution or the firmness of wood necessary for them to stand our climate.

Foreign Roses are often budded on a stock not suitable for our soil.

There is no guarantee that they are what is wanted for our amateur growers.

We guarantee our plants true to name and to reach our customers in growing condition, if otherwise will be replaced if reported upon receipt.

As there are so many conditions prevalent after planting we can give no further guarantee, but it is our earnest endeavor to supply a tree that will be likely to be successful with ordinary care and under ordinary weather conditions.

Each plant comes individually mossed around the roots to ensure arriving in good condition.

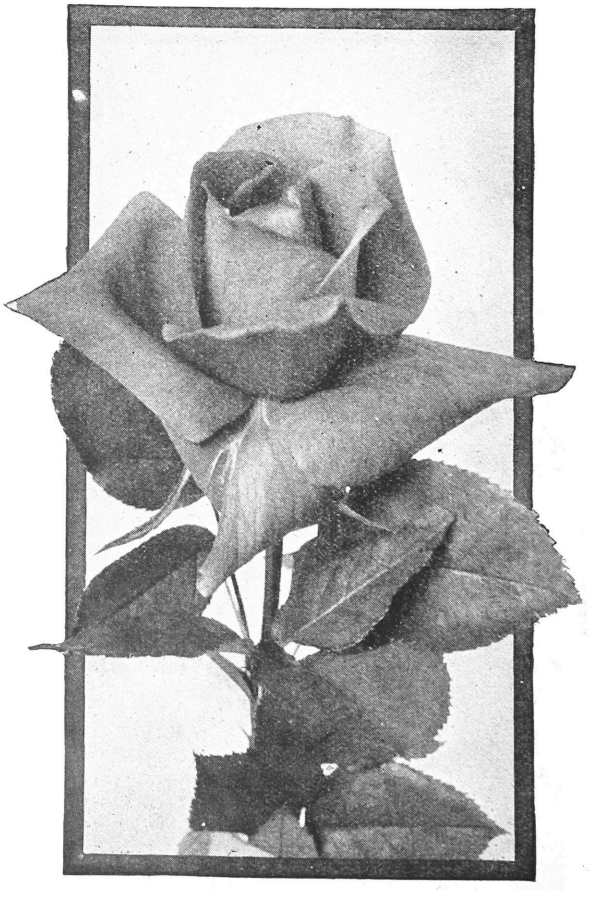
As our stock is limited, we suggest that our customers send their orders in early to avoid disappointment. Unless specially requested not to do so, in the event of a variety not being in stock at time of ordering, we will send what in our experience we consider the best next kind.

Standard Varieties — Red Shades

Betty Uprichard—The inner face of petal is delicate salmon pink, while the outer is glowing carmine. Fragrant, vigorous, erect and free branching.

Col. O. Fitzgerald—Color blood red velvety crimson, on erect stems.

Strong 2 year old plants 80c each, per doz. $8.50 postpaid.



HADLEY

New Varieties

The following is a list of recent introductions which have not been listed in our previous catalogues.

Charles P. Kilham (H.T.)—Brilliant orange orient red, suffused with glowing scarlet, splendid flower, fine habit, free flowering.

Dorina Neave (H.T.)—Color delightful silvery pink, flowers large, full and globular, erect, compact and fragrant.

Duchess of York (H.T.)—Color in the young stage deep golden yellow, with tangerine centre deepening as the flower ages to orange.

I. Zingari (H.T.)—Orange and scarlet. Semi-double. Perpetual and free-flowering. Sweetly scented. Fine habit.

Mrs. Talbot O'Farrell (H.T.)—Outside of petals is lemon yellow flushed and splashed deep cerise to crimson, inside of petals deep cerise flushed and veined orange yellow and bronze, perfect shape, fairly full, free and fragrant.

The above five new varieties each $1.25 or collection of five sorts for $5.50 postpaid.

Standard Varieties — Red Shades

Arthur Cook—Deep velvety crimson, flowers large, full and pointed, most delicious perfume, growth free and upright.

Etoile de Holland—Color bright dark red, deliciously perfumed.

Lieutenant Chaure—Velvety crimson red; shaded with garnet.

Madame E. Herriot (Daily Mail Rose)—Coral Red but shaded with yellow on the base, flower coral red shaded salmon.

General McArthur—Large and full, deep velvety carmine; fragrant.

Hadley—Color deep velvety crimson, very free and fragrant.

Gruss an Tiplitz. This is a rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety crimson; very fragrant, a free, strong grower and in bloom all the time.

Chateau de Clos Vougeot. Color velvety scarlet, to velvety crimson; fragrant.

Covent Garden—Flowers large, color deep rich crimson.

Lord Charlemont—Color clear crimson, deepening to carmine crimson, sweetly scented.

Select List of Hybrid Tea Roses

Pink Shades

Madame Butterfly—This grand rose is a glorified sport of Ophelia, it is of freer growth than the parent and the color tones of Ophelia are intensified, making it a harmony of bright pink, apricot and gold.

Los Angeles—Color flame pink, toned with coral red and shaded with gold; fragrant; one of our finest roses.

Ophelia—Salmon flesh, shaded with rose, of excellent habit.

Caroline Testout—Bright satiny rose, full, and globular; very free.

Lady Pirrie—The outer petals deep reddish salmon inside of petals apricot yellow, flushed fawn and copper.

Mrs. Henry Morse—Flower perfect in shape, color bright rose rising from a ground work of soft flesh cream; sweetly scented.

Lady Alice Stanley—Color on the outside of petals is deep rose, inside pale flesh; fragrant.

Lady Ashtown—A very pale Rose due Barrie, reflexes of petals silver pink.

La Tosca—Blush pink, large good habit, one of our finest roses.

Light Shades

Christine—Color deepest golden yellow; splendid bedding variety

Rev. F. G. Page Roberts—Strong upright growth, sweet fruity scent, large, full and well formed, of a beautiful rich Marechal Niel yellow color.

Sovereign—between shell pink and apricot. The flowers freely borne and of deep metallic yellow in the bud, opening to deep golden yellow.

Souv. de Claudius Pernet (Pernet Ducher)—Brilliant green foliage, few thorns, long pointed bud, very large full flower with elongated deep petals, beautifully formed bloom, color most striking sunflower yellow, deeper in the centre.

Gorgeous—Large, full, color deep orange yellow, flushed and veined with reddish copper.

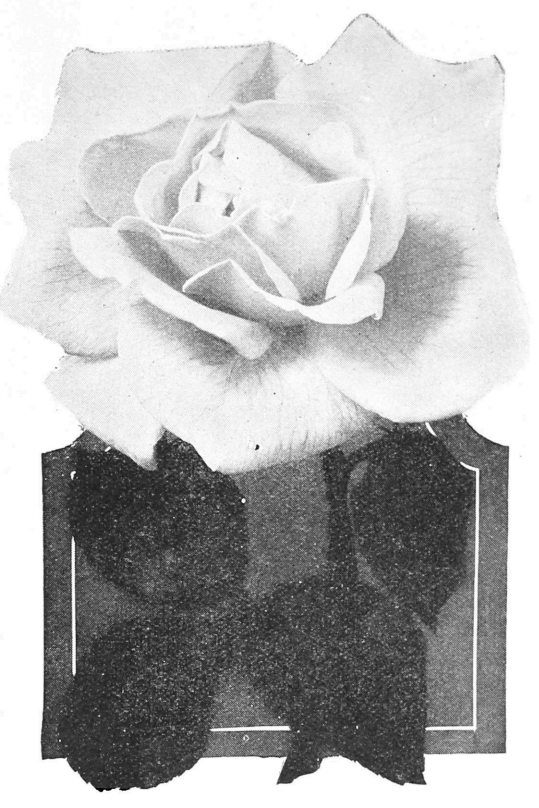
Mabel Morse—Color clear bright golden yellow, without shading, rigid stems, wonderfully free.

Golden Emblem—A great improvement on **Rayon d'Or**, the color being richer and deeper, with large and more perfect blooms.

Marcia Stanhope—A fragrant white rose, of very compact growth.

White Ensign, H.T.—Color, pure white, flushed delicate cream at base of petals; regarded as a long way ahead of Mrs. Herbert Stevens, Tea perfume.

Strong 2 year old plants 80c each, per dozen $8.50 postpaid.



SOUVENIR DE CLAUDIUS PERNET

Hardy Hybrid Perpetual Roses

Strong Plants. Price, each 60c, dozen $6.00, postpaid; by express at purchaser's expense, dozen $5.25.

Rose Alfred Colomb Extra large round flowers, very double and full, color clear cherry-red, passing to bright, rich crimson; very fragrant.

Frau Karl Druschki This is the ideal hardy white rose, pure in color, perfect in form; strong grower and remarkably free-flowering.

General Jacqueminot Brilliant scarlet-crimson; an old favorite and one of the best known roses in cultivation; does well everywhere.

George Arends This is a pink, or rather, a tender rose color, possessing not only the noble form, large size and remarkable free-flowering habit, but, in addition to this, it is also highly perfumed.

Hugh Dickson This is a magnificent rose and undoubtedly one of the finest yet raised. The flowers are of great size, perfectly formed, and carried on very stout, erect footstalks. Color, deep scarlet.

John Hopper One of the most reliable and satisfactory Hybrid Perpetual Roses; flowers are large, very regular and full color brilliant rose, changing to bright glowing pink, shaded with rich crimson.

Mrs. John Laing Color, a soft delicate pink, with a satin tinge, the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant.

Jules Margottin Free-flowering, hardy, with light green foliage, somewhat crimpled. Large, full, somewhat flat flowers; fine carmine color.

Paul Neyron The largest of all Rose blooms; bright, dark rose, clear and beautiful; very double and full; finely scented; blooms all summer.

Hardy Climbing and Rambler Roses

Strong 3 year old plants, each 75c, doz. $7.50, postpaid.

American Pillar A single flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten.

Aviator Bleriot Flowering in clusters, color saffron yellow, centre golden yellow.

Climbing American Beauty One of the best climbing Roses; a strong, healthy vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely; color a rich rose-pink, of splendid form and good substance.

Crimson Rambler It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

Captain Christy Delicate flesh, tinted white; large, fine form.

Dorothy Perkins Soft shell pink, flowering profusely in large clusters.

Dr. W. Van Fleet A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long.

Paul's Scarlet Climber No other Rose, in any class, can compare with this for brilliancy of color which is maintained until the petals fall. The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers.

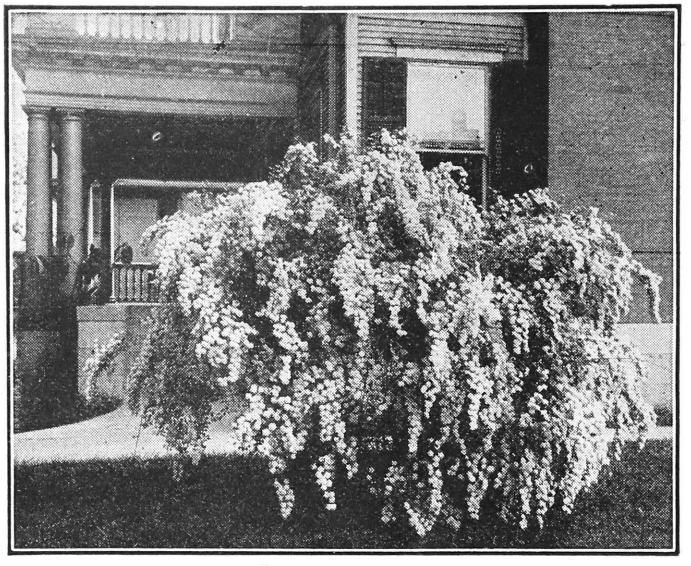
Moss Roses **Rose, Blanche Moreau.** Pure white, beautifully formed and well mossed; one of the best.

—Crested Moss. Bright rosy-red, tinted purple; a handsome rose, fine in bud.

—Salet. Bright rose, large and full, a perpetual blooomer and a most desirable rose.

Each, strong three-year-old plants, **60c; per doz. $6.00,** postpaid.

Hugonis Rose "Fully as vigorous as Spirea Van Houttei, says J. Horace McFarland, this GOLDEN ROSE OF CHINA makes the same sort of an outflowing, graceful, drooping plant. Of the shrub Roses, it is the first to bloom, to our knowledge, and the flowers are honestly yellow, and last sometimes for three weeks. The plant is dependably hardy and makes a desirable feature for the shrubbery border, the driveway, the garden background, the corner, or a stunning hedge." **Each 75c, 4 or more, 70c each, 25 or over, 65c each.**



SPIRAEA VAN HOUTTEI

Deutzia **Lemoinei (Lemoine D.)**—A hybrid obtained by crossing the well-known Deutzia Gracilis with Deutzia Parviflora. Flowers pure white, borne on stout branches which are of upright growth. Habit semi-dwarf and free-flowering. An extra choice shrub, cannot be too highly praised. **60c each,** postpaid.

Var, Pride of Rochester. A variety raised from Deutzia Crenata Flore Pleno and producing large double white flowers, the back of the petals being slightly tinged with rose. It excels all of the older sorts in size of flower, length of panicle, profusion of bloom and vigorous habit; blooms nearly a week earlier than Crenata Flore Pleno. **60c each,** postpaid.

Eleagnus **Longipes. (Japanese Oleaster).** One of our best shrubs, having long arching branches closely set with small oval, rich green leaves, which retain their fresh appearance late into the Autumn. In July it bears innumerable translucent reddish edible fruits of an agreeable pungent flavor; these with the deep green foliage make the shrub exceedingly ornamental. **60c each,** postpaid.

Hydrangea Paniculata Grandiflora It grows 3 to 5 feet high, perfectly hardy in all parts of the country, and needs no protection in winter, blooms in July and August and remains in bloom two or three months. The flowers are pure white, afterwards changing to pink and rich, coppery red, and are borne in immense pyramid trusses, more than a foot long. Two-year-old plants by mail, postpaid, **each 60c.** Large plants, **each 75c,** by express at buyer's expense.

Hardy Shrubs

Suitable For Our Canadian Climate

Flowering Almond This is one of the earliest flowering shrubs, and one you cannot afford to do without. The stems are literally covered with most beautiful blossoms, which make it a thing of beauty. **Double Pink and Double White, each 75c, per doz. $7.50,** by express at purchaser's expense.

Cydonia—Flowering Quince **Japonica (Scarlet Japan Quince).** Has bright, crimson flowers in great profusion; one of the most attractive ornamental shrubs grown; makes an attractive hedge. One of the very earliest shrubs to blossom. **Each 75c, doz. $7.50,** by express at purchaser's expense.

Lonicera Tartarica The Tartarian Honeysuckle has been esteemed not only for its charming pink, fragrant flowers, which cover the bush in May, but also for its bright orange-colored fruit in Autumn. It attains a height of six to eight feet. **75c each,** postpaid.

Philadelphus Coronarius **(Sweet Scented Syringa or Mock Orange).** A hardy shrub of rounded form and luxuriant foliage, with masses of pure white, intensely fragrant flowers in June. This is one of the first to bloom, and deserves a place in all collections. **Each 75c,** postpaid; large plants **75c, $7.50 per doz.,** by express at purchaser's expense.

Prunus **Pissardi. (Purple-Leaved Plum).** The young leaves are of deep crimson changing to coppery-red. One of the best of the red or purple-leaved shrubs, sometimes attaining the size of a small tree. **75c each, $7.50 per doz.,** by express at purchaser's expense.

—Triloba. (Double-flowering Plum). A showy and interesting tall-growing shrub, bearing in May on its long, slender branches a wealth of lovely large pink double flowers. One of the finest Spring blooming shrubs. **Each 75c, doz. $7.50,** by express at purchaser's expense.

Rhus **Cotinus (Smoke Tree).** A charming shrub which is covered in midsummer with clusters of curious hair-like flowers. May be grown as a small tree. **75c each, doz. $7.50,** by express at purchaser's expense.

Sambucus **Nigra Aurea (Golden Elder).** A handsome bush, with golden foliage which it retains all summer. Its vigorous growth and freedom from disease make it a desirable and effective shrub. **Each 75c, doz. $7.50,** by express at purchaser's expense.

Spiraea **Spiræa "Anthony Waterer."** When scarcely 3 inches high it begins to bloom, and thereafter is seldom out of flower. In the garden it will make a plant 3 feet high and wide, and will be covered with heads, 1 foot across, of brilliant crimson flowers. **Each 50c,** postpaid.

Spiræa Van Houttei. It is the most showy of all the Spiræas. In the spring the plants are a perfect snowbank of bloom, the long, slender branches drooping gracefully with their weight of flowers; strong growing and entirely hardy, rich, blue-green foliage. **Each 50c, postpaid; large plants, each 75c,** by express at purchaser's expense.

Arborescens Grandiflora Alba **(Snowball Hydrangea, Hills of Snow).** The blossoms are of the very largest size, of pure white color. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs, while its long season of bloom, from June through August, renders it doubly valuable to every owner of a garden. 3 to 4 feet. **Each 60c,** postpaid.

Forsythia **Viridissima (Golden Bells).** Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare. Erect shoots, spreading branches and excellent foliage that assumes a rich Autumnal tint and persists until early winter. **Each 60c,** postpaid.

Hardy Lilacs **Lilac, Charles X.** A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large reddish purple.

—Madame Lemoine. The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the trusses, are of immense size, deliciously scented; fine for cutting.

—Marie Legraye. Beautiful creamy white single flowers of immense size and very fragrant.

—President Grevy. Magnificent panicles of large, double blue flowers.

—Souvenir de Louis Spæth. Very large flowers of a deep purplish red in immense compact trusses.

Each $1.25, per dozen $12.50, by express at purchaser's expense.

Tamarix **Hispida Aestivalis.** A distinct variety, bearing delicate sprays of soft pink flowers in July and August, very light and feathery. **Each 75c,** postpaid.

Viburnum **Plicatum (Japan Snowball).** A rare and exceedingly beautiful species from Japan. Flowers pure white in large round balls in June. Moderate growth; handsome plicated foliage. One of the most popular and desirable shrubs grown. **Each 75c, doz. $7.50,** by express at purchaser's expense.

Buddleia Variabilis This shrub grows from four to five feet high, producing long racemes of flowers, rosy-lilac with orange-centre; July to September, **50c each.**

Weigelia Shrubs of erect habit while young, but gradually spreading and drooping as they acquire age. They produce in June and July superb, large, trumpet-shaped flowers of all shades and colors from pure white to red. In borders and groups of trees they are very effective.

Weigelia, Candida. This is the best of all the white-flowered Weigelias; a strong, upright, erect grower; flowers pure white, and produced in great profusion in June; blooms all summer. **Each 60c,** postpaid.

—Eva Rathke. The finest Weigelia in cultivation. A variety that is at once a remarkably free bloomer; flowering continuously throughout the summer and autumn; of an entirely distinct color, being a rich ruby-carmine, quite different from anything heretofore offered. **Each 60c,** postpaid.

—Rosea. This is a variety of the preceding, having somewhat lighter rosy-pink flowers. **Each 60c, postpaid.**

Hardy Climbing Plants and Trailers

Ampelopsis Veitchii Boston or Japan Ivy A charming vine with handsome, glossy green, deeply lobed foliage, assuming a most brilliant Autumnal coloring, and with the habit of attaching itself firmly and closely to stonework, thus enabling it to completely cover the face of the building. 2 year old plants, **each 60c, doz. $6.00,** 3 year old plants, **each 75c, doz. $7.50,** postpaid.

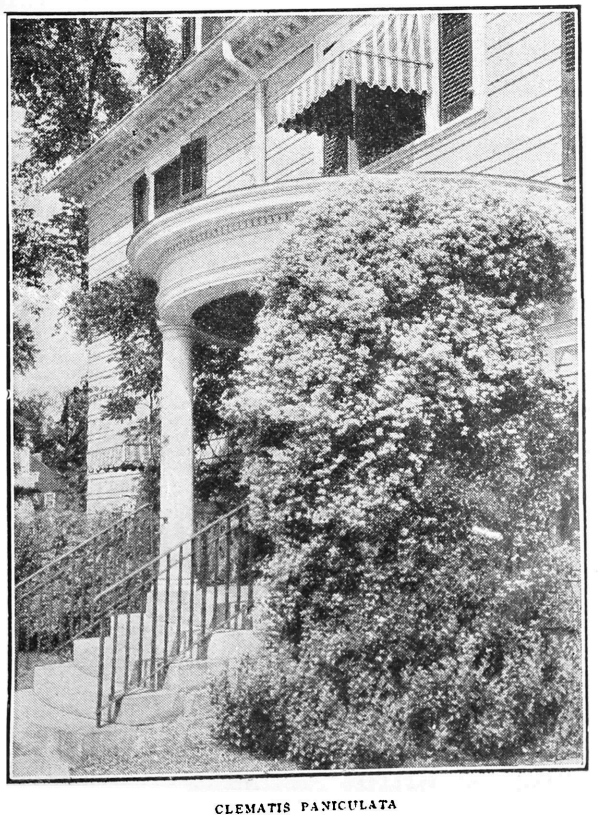
Virginia Creeper **(Ampelopsis Quinquifolia).** Has beautiful digitate leaves that become rich crimson in autumn; a very rapid grower. Like the Bignonia and Ivy it throws out tendrills and roots at the joints, by which it fastens itself to anything rough it touches. One of the finest vines for covering verandahs or trunks of trees; will not climb on brick or stone walls; affords shade quickly. Strong plants, **each 60c, doz. $6.00,** postpaid.

Aristolochia Sipho **(Dutchman's Pipe)**—A vigorous and rapid growing climber, bearing singular, brownish-colored flowers resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, but its fine light green leaves, which are of very large size, retain their color from early spring to late fall; perfectly hardy. **Each $1.00, doz. $10.00,** postpaid. Extra large plants for immediate effect, by express at purchaser's expense, **each $1.25, doz. $12.50.**

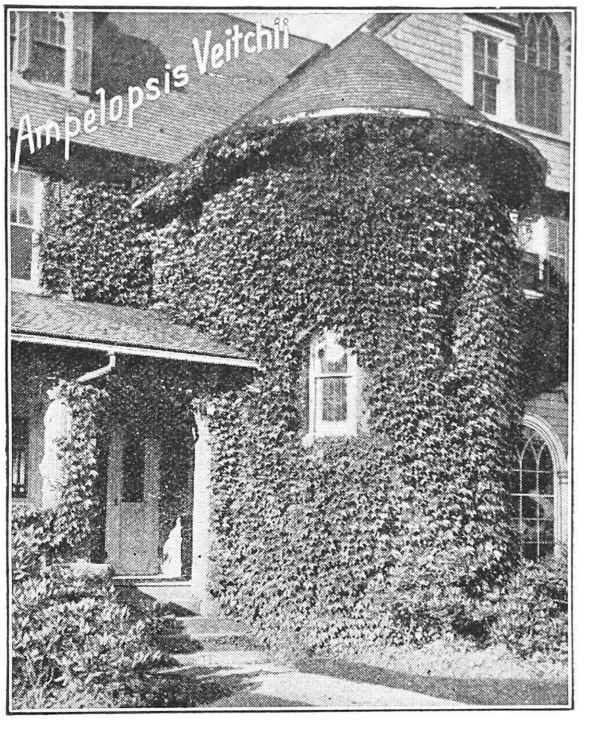
Silver Lace Vine **(Polygonum Auberti), each $1.00, Doz. $10.00.**
This is the latest addition to our list of practical hardy vines, a quick-growing type of twining habit averaging 25 feet in a season. The small cordate foliage is fresh and shiny, although the base of stalk becomes somewhat woody. Produces more bloom than any other hardy vine, covering a season extending from late summer into the fall with an extravagance of large, foamy sprays in silvery white. 2 year plants.

Honeysuckle For real home vines to be near you, climbing over your windows and doorways, there is nothing prettier than fine, sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious.

—New Halliana. A new variety introduced from Japan, and considered a great acquisition; it is evergreen and a constant bloomer; flowers pure white, changing to yellow; very fragrant, good for trellis or pillar, one of the very best varieties for all purposes. Large plants, **each $1.00,** postpaid; **doz. $8.50,** by express at purchaser's expense.



CLEMATIS PANICULATA



BOSTON IVY OR JAPAN IVY

Clematis Paniculata **Sweet Scented Japan Clematis)—To see it in the early fall covering a porch,** a trellis, an arbor, a fence, a boundary wall, a slope, or any other object where it is planted, with a mass of fleecy whiteness, exhaling its delicious Hawthorn-like fragrance, is to admire and want it. And even when the mass of starry flowers is gone, when the fleecy mantle of white has vanished for another year, there is another phase of its beauty evident. Its beauty is not alone in its bloom and seed time, its refreshing green foliage and its graceful habit lend it a beauty unmatched. It will grow 15 to 20 feet in a season; it is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere, and need only be seen to be admired. Strong extra large plants, **each 60c, doz. $6.00,** 2-year old plants, **each 50c, doz. $5.00,** postpaid.

Clematis. Large Flowering Varieties

Clematis, Snow-white, Jackmanii. This is what has been wanted for years, viz:—a "paper-white" true Jackmanii Clematis. The flowers are about the same size as those of the old purple Jackmanii. **Each $1.25,** postpaid.

Clematis, Jackmanii. The flowers when fully expanded measure from 4 to 6 inches in diameter. Color, intense violet-purple with a rich velvety appearance, distinctly veined. Strong 2-year-old plants, **each $1.25,** postpaid.

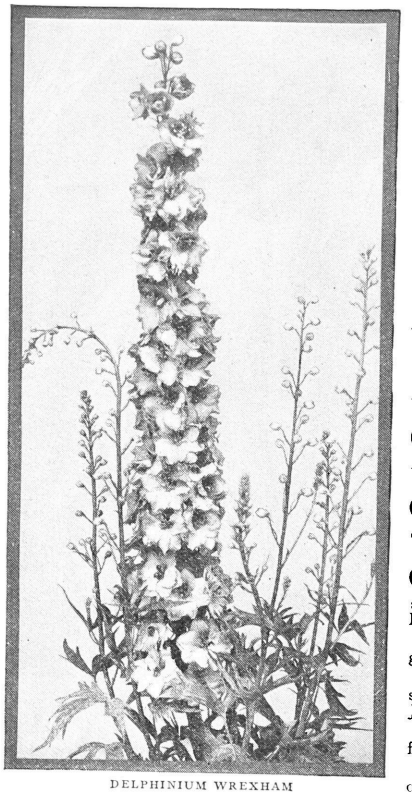
—Large Flowering Red Clematis, Ville de Lyon. A new red variety, color a beautiful wine-red, large flowers with heavy petals. **Each $1.25,** postpaid.

Hedge Plants

Japan Barberry **(or Berberis Thunbergii)**—A very valuable and distinct shrub of dwarf compact habit, forming a low globular bush of dense growth. Its leaves are small, glossy, rich dark green, with metallic reflections, turning in autumn to the most brilliant scarlet imaginable, so vivid in fact as to suggest a ball of fire. The branches are thickly studded with coral-like berries which cling to the bush till May, and its numerous little blossoms are very unique. **Each 50c,** postpaid; plants 2½ feet high, **40c each, doz. $4.00, per 100 $32.50** by express at purchaser's expense.

Privet Common Of all the ornamental hedge plants, this is the most highly prized. The leaves are a rich green, and will remain on the plants a long time, and if they are a little sheltered they will keep green almost all winter. Hedges that are six or seven feet in height, and have been trimmed flat on the sides, look like a solid green wall. It thrives in dry situations and is extremely hardy. To make an attractive hedge, plant at the rate of three plants to the foot. 2-year-old plants, **doz. $2.50, per 100 $16.00.** 3-year-old plants, **doz. $3.00, per 100 $20.00,** by express at customer's expense.

Hardy Perennial Plants



DELPHINIUM WREXHAM

Of all the plants that are cultivated for purely ornamental purposes, there are none that have made the rapid strides in public favor like the Hardy Perennials, the old fashioned garden flowers. The love for them of late years has increased so much, and it is not at all surprising when the many varied and pleasant changes are considered. They do not have to be taken up every fall and replaced every spring. The following list has been selected with care, and contains a fine assortment of plants that make valuable permanent beds. They flower at different periods, so that a succession of bloom may be obtained from early in summer until after frosts in the fall.

Armeria **Maritima Laucheana. (Sea Pink or Thrift).** Fine plant for rockeries or edgings, flowers bright pink, May to July, 1 ft. **Each 20c, doz. $2.00.**

Arabis Alpina Low-growing perennials, used largely for rockeries, small white flowers borne in dense masses, 8 inches, blooms in early Spring. **Each 20c, doz. $2.00.**

Asters **(Michaelmas Daisies.)** New hardy Asters.

—**New English Hybrids.** In five varieties, colors blue, mauve, white, pink and red. **Each 25c, doz. $2.50.**

Boltonia Asteroides A very tall-growing, autumn-flowering, hardy plant, producing masses of pure white, daisy-like flowers, 6 feet. August to October. A splendid subject for back of border. **Each 25c, doz. $2.50.**

Cerastium Tomentosum **(Snow in Summer).** Dwarf plants, producing a mass of pretty white flowers, grey foliage, 6 inches, June. **Each 25c, doz. $2.50.**

Coreopsis Lanceolata Grandiflora Large, golden yellow flowers, well suited for garden decoration, or for cutting, 2½ feet, blooms in summer. **Each 25c, doz. $2.50.**

Campanulas **(Canterbury Bells.)** Indispensable hardy garden flowers, of great variety of form, being of tall and imposing habit. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. In choice mixed colors, 3 feet. **Each 25c,** postpaid; **doz. $2.50.**

—**Glomerata Superba. (Clustered Bell-flower).** Dense clusters of violet-blue flowers, good for borders and for naturalizing, July to Sept., 1½ feet. **Each 25c, doz. $2.50.**

—**Persicifolia Grandiflora Alba. (Giant-leaved Bell-flower).** A noble border plant, with splendid spikes of large, salver-shaped, pure white flowers, one of the best hardy plants for cutting. June to August, 2 feet. **Each 25c, doz. $2.50.**

—**Persicifolia Grandiflora Coerulea.** The blue form of the preceding, equally handsome for border or cutting. **Each 25c, doz. $2.50.**

—**Trachelium. (Coventry Bells).** A good border plant 2 to 3 feet high, with large racemes of light purple bell shaped somewhat drooping flowers. **Each 25c, doz. $2.50.**

Achillea **(Milfoil).** Easily grown perennials of much value in border. They supply an abundance of flowers for cutting. **Each 25c, doz. $2.50.**

Aconitum **(Monkshood or Helmet Flower).** Aconites form bushy clumps, and are invaluable for planting under trees or in shady or semi-shady positions.

—**Spark's Variety.** The darkest blue of all, 30 inches high, flowers in June. **Each 25c, doz. $2.50.**

Alyssum **(Saxatile Compactum.)** A very showy spring border or rock plant; yellow flowers in clusters 1 foot. May to June. **Each 20c, doz. $2.00.**

Anchusa **(Italica Dropmore).** Next to the Delphinium, the Anchusa is in the border, probably the most useful hardy plant with blue flowers. Masses of lovely, deep blue flowers are produced on fine bushy plants; 4 feet; June to July. Plants should be renewed every three years, as roots grow large and split with age. **Each 25c, doz. $2.50.**

Aquilegia **(Columbine).** These make excellent border plants, unrivalled for beauty of form and rich blending of colors. Our collection includes a variety of colors, although not offered separate; they will give a pleasing effect to any flower garden.

—**Long-spurred Mixed Hybrids.** This is the most admired type of Columbines. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. **Each 25c, doz. $2.50.**

Artemisia A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the variety Lactiflora, they are not remarkable for their flowers. The foliage of the sorts offered is very ornamental. All the varieties excepting Lactiflora stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

—**Abrotanum. (Old Man or Southern-wood.)** Dark green finely cut foliage, with pleasant aromatic odor, 2 feet. **Each 25c, doz. $2.50.**

—**Lactiflora. (Hawthorn Scented Mugwort).** A most desirable and effective plant either for the border or to plant among shrubbery; it is of strong free growth with erect stems 3½ to 4½ feet high, terminated with great panicles of Astilbe-like, Hawthorn-scented creamy white flowers, produced from the latter part of August to the end of September on account of which it is particularly valuable, being unlike any other plant in bloom at that time. **Each 25c, doz. $2.50.**

—**Stelleriana. (Old Woman).** Deeply-cut foliage, much used in carpet bedding, 18 inches. **Each 25c, doz. $2.50.**

Hardy Chrysanthemums These are now universally popular for outdoor bedding, and considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it still frequently happens that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a good covering of leaves or litter during the winter, will take care of themselves. Six distinct varieties. **Each 25c, per doz. $2.50,** postpaid.

Hardy Border Carnations Choice mixed seedlings produced from seed supplied by a specialist in this popular flower. We supply strong plants that will furnish an abundance of flowers this season. **25c each; $2.50 per doz.**

Delphinium **(Larkspur).** A most important class of free-flowering and ornamental foliage perennials. of easy culture in ordinary rich loam. The tall growing sorts are admirable for the back portion of the border or for grouping among shrubs, while the lower growing species do finely in all positions in the border. All are of the greatest value for cut flower purposes. **Each 25c, doz. $2.50**

—**Gold Medal Varieties,** which includes the Wrexham Strain. **Each 50c, doz. $5.00.**

—**Belladonna.** Large spike of sky blue flowers. **Each 25c, doz. $2.50.**

—**Bellamosum.** Deep blue flowers of Belladonna type. **Each 25c, doz. $2.50.**

Digitalis or Foxglove These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely spikes 4 to 5 feet high, well furnished with large Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. They are more robust than the ordinary garden Digitalis, having stouter stems and larger flowers. **Each 25c, doz. $2.50.**

Doronicum **(Leopard's Bane).** Very effective plants for early bloom in the border, useful for cutting. **Each 25c, doz. $2.50.**

Echinops, Ritro **(Globe Thistle).** A fine perennial, 3 to 4 feet, bearing large, globular, thistle-like heads of clear blue flowers. August to September. **Each 25c, doz. $2.50.**

Funkia Undulata Variegata Hardy plants, with handsome variegated foliage. 1 to 2 feet. **Each 35c, doz. $3.50.**

Gaillardia Grandiflora Gaillardias are among the showiest and most effective of hardy perennial plants. They will thrive in almost any position. **Each 25c, doz. $2.50.**

Geum Coccineum **Mrs. Bradshaw.** A very handsome new variety; bearing immense double flowers of bright scarlet. blooms continuously from May to August, and is one of the choicest flowers for cutting, 2 feet, **each 25c, doz. $2.50.**

Gypsophila Excellent border plants as well as being of great value for cut flower purposes. Flowers are produced in minute masses, presenting a most charming effect.

—**Paniculata.** White, single flowers. **Each 25c, doz. $2.50.**

—**Paniculata, fl. pl.** A double form of the above. **Each 30c, doz. $3.00.**

Hardy Garden Pinks These varieties are well adapted for beds and borders, delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

—**Dianthus Plumarius, fl. pl.** Double and semi-double; mixed colors. **Each 25c, doz. $2.50.**

Helenium **(Sneezewort).** Strong-growing plants, producing immense numbers of very decorative flowers. Splendid for planting in rear of herbaceous border.

—**Riverton Beauty.** Rich, yellow flowers, with large discs in centre, 4 inches. August to September. **Each 25c, doz. $2.50.**

—**Riverton Gem** Flowers, rich old gold, changing to Wallflower-red. August to September. **Each 25c, doz. $2.50.**

Superb Double Hollyhocks

—**Hollyhock, Chater's Double Rose.**
—**White.**
—**Blood Red.**
—**Canary.**
—**Crimson.**
—**Pale Yellow.**
—**Purple.**
—**Newport Pink.**
Each 25c, doz. $2.50.

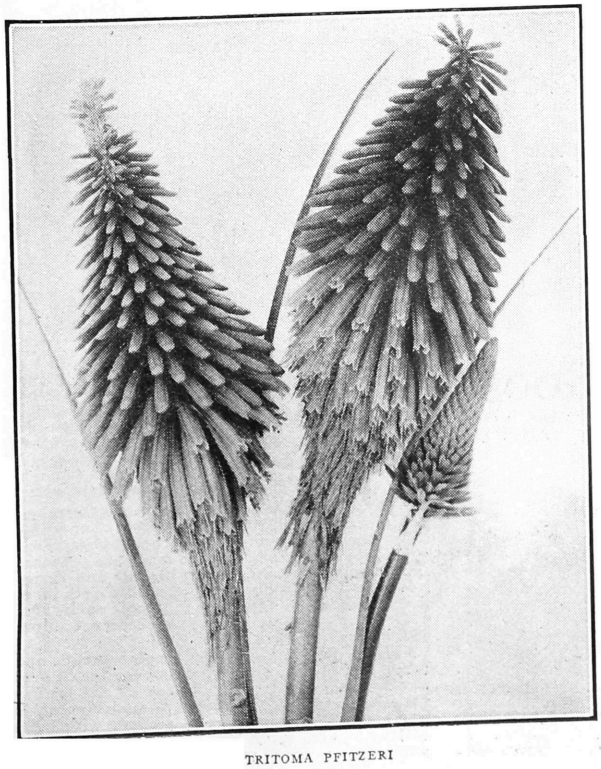
Lupinus Polyphyllus **(Lupines).** Very showy plants for the border, with their fine foliage, and tall stately spikes of butterfly-like flowers, in the loveliest colors. When better known, Lupines will become almost as popular as Delphiniums. 2 to 4 feet, June to September. **Each 25c, doz. $2.50.**

Lychnis Chalcedonica **(Jerusalem Cross).** Hardy perennial plants, with very brilliant, orange-scarlet heads of bloom. 3 feet. June to July. **Each 25c, doz. $2.50.**

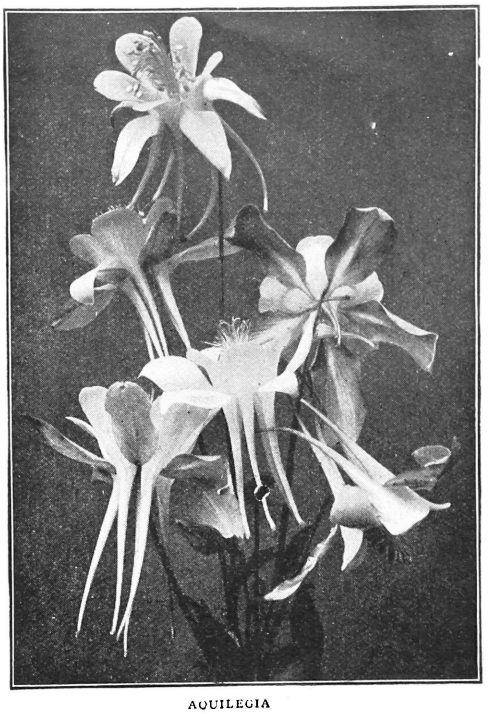
Perennial Poppies **New Hybrid Iceland.** This beautiful strain contains a great number of lovely new shades of color and delicate tints, far surpassing the old Iceland Poppies, and the flowers somewhat larger, the petals being very prettily frilled. **Each 25c, doz. $2.50.**

—**Orientale.** A charming summer flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. **Each 25c, doz. $2.50.**

Shasta Daisy Mixed seedlings, all having large snowy white flowers, in bloom continuously throughout the entire summer and fall. **Each 25c, doz. $2.50.**



TRITOMA PFITZERI



AQUILEGIA

Superb Hardy Phlox Among hardy herbaceous plants none are more gorgeous and more easily grown than these. They are perfectly hardy, succeeding in any garden soil, and producing magnificent spikes of showy and lasting flowers, year after year.

The varieties we offer are among the finest in cultivation and comprise the best and most distinct colors. 2½ to 3 feet.

—**Baron Von Dedem.** Brilliant red with salmon shadings.
—**Eclaireur.** Brilliant, rosy-magenta, with large lighter halo.
—**Elizabeth Campbell.** Light salmon changing to pink.
—**Edgar Quinet.** Fine deep red.
—**Europa.** White with crimson-carmine eye; flowers and trusses large.
—**Goliath.** Large and tall, very bright red.
—**G. A. Strohlein.** Orange scarlet flowers, with bright carmine eye. Large flowers and clusters.
—**Jeanne d'Arc.** Vigorous grower, producing very large panicles of pure white flowers.
—**La Vogue.** Pure mauve with aniline red eye.
—**Mme. Paul Dutrie.** Delicate lilac-rose in shade like a soft pink orchid. Flowers very large, borne in immense panicles.
—**Mrs. Jenkins.** A fine pure white for massing; large panicles.
—**Suffruticosa Miss Lingard.** A free-flowering white, blooming a month earlier than the Decussata varieties.

All varieties each 25c, per doz. $2.50.

—**Subulata Alba.** A compact mass of elegant prostrate foliage, dainty white, flowers in May and June; height 4 inches. Plants, **each 20c, doz. $2.00.**

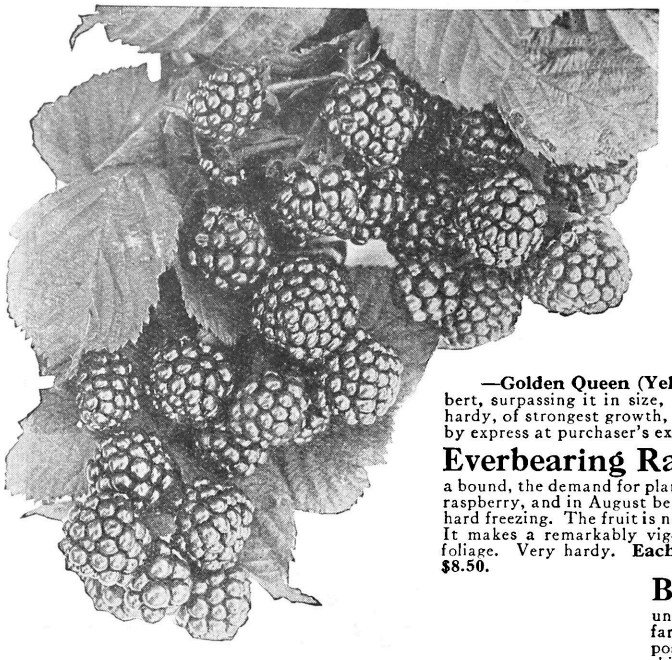
—**Subulata Rosea.** Same as above but with dainty rose pink flowers. This and Alba are fine for graves. Plants, **each 20c, doz. $2.00.**

Statice **(Sea Lavender) Latifolia. (Great Sea Lavender).** Handsome plants with heads of dark blue flowers; invaluable for cutting, the flowers when dried, lasting for months. 1 to 2 feet. **Each 20c, doz. $2.00.**

Sweet William **Dianthus Barbatus.** These old fashioned favorites are prized border plants. There is a great variety of rich colors, and the flowers are very fragrant, in separate colors. **Each 25c, doz. $2.50.**

Tritoma **Pfitzeri (Red-hot Poker or Torch Lily. The Everblooming Flame Flower.).** With their large spikes of rich orange-scarlet flowers, they produce a striking effect planted either singly in the border, or in masses. Succeed well in ordinary garden soil, but respond quickly to liberal treatment. The safest method of wintering is to dig up the roots in the fall and bury in sand in a cool cellar. In bloom from August to October, 3 to 4 feet. **Each 30c, doz. $3.00.**

Valeriana **Officinalis (Valerian). (Hardy Garden Heliotrope).** Produces during June and July showy heads of rose-tinted white flowers, with heliotrope odor, 3 to 4 feet. **Each 25c, doz. $2.50.**



Raspberries

Raspberries will do well on any good deep soil. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have finished bearing cut out the old wood to give more vigor to the young canes. For field culture plant in rows about 5 feet apart with plants 3¼ feet in a row, except Black Cap varieties which should be 6 by 3¼ feet.

Red Raspberries —**Cuthbert, or Queen of the Market.** A remarkably strong, hardy variety. Berries very large, measuring 3 inches around, conical; rich crimson, very handsome, flavor sweet, rich and luscious. **3 for 50c, doz. $1.50,** postpaid; by express at purchaser's expense, **100 $6.50.**

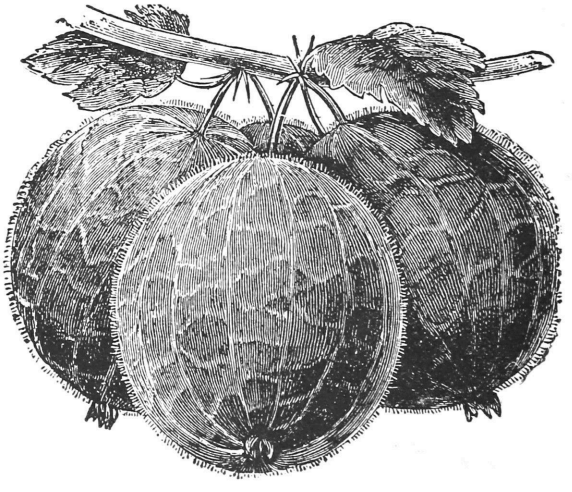
THE HERBERT. It is the largest in size and the finest in flavor of any Red Raspberry we have ever seen or tasted. It is a great yielder, a vigorous grower, and as hardy as the wild berry. Added to its wonderful yielding qualities is its excellence in color, a rich, glowing crimson, its splendid size and rich, melting flavor. **3 for 50c, per doz. $1.50,** by express at purchaser's expense **$6.50 per 100.**

—**Golden Queen (Yellow).** A beautiful, large, golden yellow berry, seedling of the Cuthbert, surpassing it in size, beauty, quality and adaptability, succeeding in all sections. Canes hardy, of strongest growth, wonderfully productive. **Each 20c, 4 for 75c, doz. $2.00,** postpaid; by express at purchaser's expense, **100 $6.50.**

Everbearing Raspberries **"St. Regis" (Red).** This wonderful new everbearing raspberry has come into popularity with a bound, the demand for plants being enormous. The early summer crop is equal to that of any red raspberry, and in August berries begin to ripen on the tips of the young canes, and continue until hard freezing. The fruit is nearly as large as Cuthbert, bright scarlet, firm and of splendid quality. It makes a remarkably vigorous growth of plants, with an abundance of healthy, dark green foliage. Very hardy. **Each 20c, doz. $2.00,** postpaid; by express at purchaser's expense, **100 $8.50.**

Black Raspberries **Raspberry, Plum Farmer.** In hardiness and productiveness it is unexcelled by any other variety. In size, the fruit is simply enormous, far surpassing any other sort. In spite of its unusually large size, it is possessed of great firmness and is thus well adapted for standing long shipments. **Each 20c, doz. $2.00,** postpaid; by express at purchaser's expense, **100 $8.50.**

Cumberland A healthy vigorous grower, throwing up stout, stocky well branched canes that produce immense crops of magnificent berries. Fruit very large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. The most profitable market variety. Mid-season. **Each 20c, per doz. $2.00,** postpaid; by express at purchaser's expense, **100 $8.50.**



Currants

A cool, moist location is best for this fruit, and for this reason it succeeds admirably when planted by a stone wall or fence, being benefited by a partial shade. Plant in rows four feet apart, and the plants three feet apart in the rows. Keep the ground mellow and free from weeds and grass, using fertilizers copiously. Mulching is necessary for the best returns. So soon as the leaves turn yellow and begin to fall, with a pruning knife remove all the old wood and cut back the young shoots a third of their length, cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears, dust the bushes with Tobacco Dust or Hellebore.

Currants, Black Champion. As great an improvement among black currants as is Fay's Prolific among the red varieties. Like Fay's the clusters and berries are exceedingly large, and unlike other varieties of its class, the bushes are heavy, annual bearers. **Price,** two-year-old plants, **each 40c,** postpaid; **doz. $4.00, 100 $30.00,** by express at purchaser's expense.

—**Boskoop Giant.** This famous Black Currant bears abundantly extra large berries and is superior to all other sorts. Especially adapted for jams. **Each 40c,** postpaid; **doz. $4.00,** by express at purchaser's expense.

—**Perfection.** The most popular market sort, and uniformly the largest of all the red currants except Fay's Prolific. Bunches large; berries very large, bright sparkling crimson, beautiful; very acid. **Price,** two-year-old plants, **each 40c,** postpaid; **doz. $4.00, 100 $30.00,** by express at purchaser's expense.

—**Fay's Prolific (Red).** It is a very heavy cropper, the large uniform berries are less acid than any other sort; large, handsome strings of cherry-red fruit. **Price,** two-year-old plants, **each 40c,** postpaid; **doz. $4.00, 100 $27.50,** by express at purchaser's expense.

Strong plants, by mail, postpaid, at single and dozen rates. At 100 rates, purchasers pay transportation.

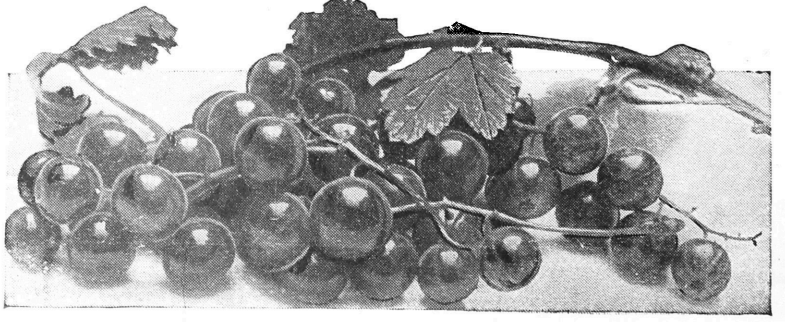
Blackberries **Lawton Black.** Strong, vigorous grower, and bearing immense crops. Early, color jet black; firm, of best quality, present a handsome appearance, and brings highest price in market. Every planter who wants a prolific, hardy and early berry of immense size, handsome appearance and superb quality, should plant it. **Each 20c, doz. $2.00,** postpaid; by express at purchaser's expense, **100 $8.50.**

Gooseberries

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. Most varieties do best in partial shade, and should be heavily mulched. To prevent mildew, spray bushes as soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur) one ounce to four gallons of water.

—**Downing.** The best of the American sorts and a vast improvement on the Houghton, of which it is a seedling. Fruit large, green and of excellent quality both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific, and nearly free from mildew, but densely clothed with large sharp spines. Two-year-old plants, **each 50c,** postpaid; by express at purchaser's expense, **doz. $5.00.**

—**Josselyn.** A large sized smooth prolific and hardy sort of best quality. Has been tested over a wide extent of territory beside all the leading varieties and is so far free from mildew, both in leaf and fruit. A wonderful cropper with clean healthy foliage. **Each 50c,** postpaid; by express at purchaser's expense, **per doz. $5.00.**



Strawberries

On arrival of plants, unpack at once, loosen the bunches and "heel" them in the ground or dip the roots in "puddle" made by mixing earth in water until the consistency of cream, and lay in cool, damp cellar where they can neither dry nor freeze, until they can be planted in suitable weather. Do not plant very deep, but press the earth firmly about the roots. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden, 15 inches each way, leaving pathway every third row.

"Progressive" **The Best Everbearing Variety**—Everyone who likes Strawberries should have them in their garden. The plant is a strong grower, and produces large crops of medium to large berries of a bright, attractive appearance. Berries are of an excellent quality, firm and good shippers. Keep all blossoms removed until July and then during August, September and October you can pick these luscious berries. **Per doz. 75c, 100 $4.50,** postpaid.

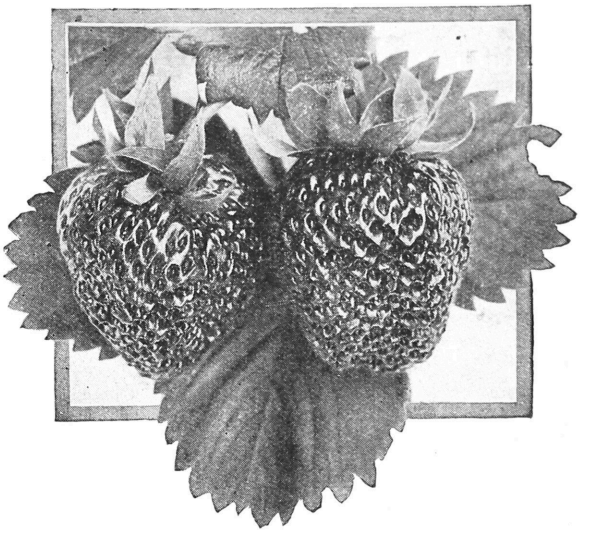
Brandywine This is a favorite variety with leading growers of berries. Deep crimson, quite large, splendid keeper and shipper. Excellent quality, vigorous grower, very prolific. One of the best for canning, and has given immense satisfaction wherever grown. **Doz. 50c, 100 $3.00,** postpaid; by express at purchaser's expense, **per 100 $2.00.**

Premier **(Per)**—This beautiful extra early berry is fast taking a first-place among strawberries and in many sections is grown almost exclusively. It is very productive and the berries are extraordinarily large for an extra early variety. Makes a fine fruiting row of large, stocky, healthy plants. Berries are of high quality, beautiful glossy red color, uniform and splendid shippers. We make no hesitation in recommending this wonderful berry to all berry growers, whether for home use or market. **Doz. 50c, 100 $3.00,** postpaid; by express at purchaser's expense, **per 100 $2.00.**

Glen Mary The merits of this berry are already well-known and therefore need no introduction. It is especially recommended for its vigor and productiveness. Berries large and excellent flavor. **Doz. 50c, 100 $3.00,** postpaid; by express at purchaser's expense, **per 100 $2.00.**

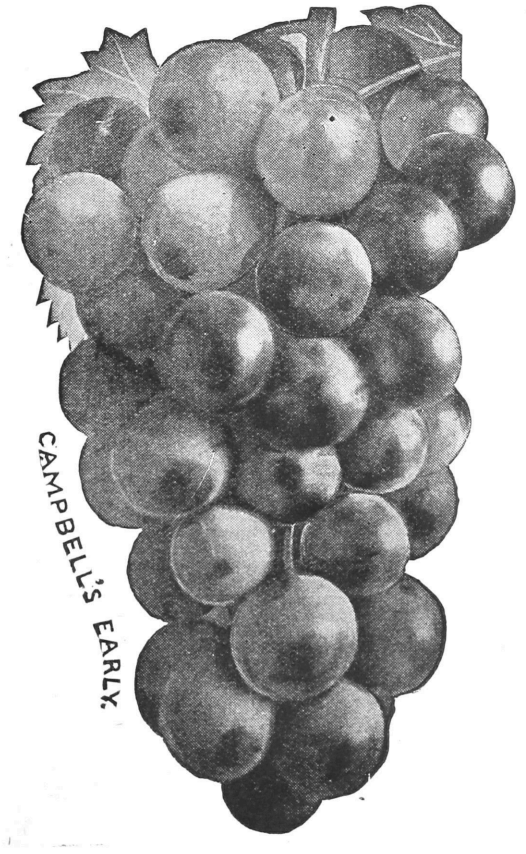
Grand Prize **(Per)**—One conclusive proof of the great value and popularity of this grand berry, is that the demand is increasing every year. For productiveness, quality, uniformity and firmness it is hard to equal. Its fine healthy plant growth, its perfect fruiting habit and its immense crops of large, deep red, firm, meaty, high quality berries make it a worthy addition to the list of strawberries. For preserving it cannot be excelled, the berries holding their shape in the jars and are very dark in color and of rich flavor. This berry delights in a rich, cool soil and if you have such, then order Grand Prize and you will never regret it. A splendid shipper and a money-maker. **Doz. 50c, 100 $3.00,** postpaid; by express at purchaser's expense, **per 100 $2.00.**

SPECIAL PRICES FOR LARGE QUANTITIES ON APPLICATION



Bohemian Horse Radish Roots It is a much more rapid grower than the old variety in general use, and is, therefore, ready for use a great deal earlier. Its large, white roots may be raised in almost any soil, and when planted in rows, may be harvested like potatoes. The quality of this Horse Radish is far superior to the old variety in strength and piquancy. Sets of Roots, **50c doz.**, postpaid.

Chives, Roots Grown for their tops; used wherever the flavor of onion is required. They will grow readily and increase in any common garden soil. Perfectly hardy. Clumps **each 20c, 3 for 50c,** postpaid.



Grapes

The Hardiest and Best. There is scarcely a yard so small, either in country or city, that room for one to a dozen grape vines cannot be found. They do admirably trained up to the side of any building, or along the garden fences, occupying but little room and furnishing an abundance of the healthiest of fruit. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Plant about 8 feet apart by the fence or building. For vineyard make rows 8 feet apart, 6 to 10 feet in rows.

—Delaware. One of the finest grapes. Bunches small, compact, shouldered; berries rather small, round, skin thin, light red, flesh very juicy, without any hard pulp, with an exceedingly sweet, spicy and delicious flavor. Vines only moderately vigorous, HARDY and productive. **Each 50c,** postpaid.

—Niagara. (Light greenish white). Vine hardy, unusually strong grower; bunches very large and compact, sometimes shouldered; berries mostly round, semi-transparent, slightly ambered in the sun; skin thin but tough, does not crack, quality good. **Each 50c,** postpaid.

—Campbell's Early. Strong, hardy of vigorous growth, thick, perfectly healthy foliage, a very early ripener and abundant bearer of large and handsome clusters of excellent quality. It is of large size, of a glossy black color, with a beautiful blue bloom; pulp sweet and juicy; seeds small, few in number and parts readily from the pulp. **Each 50c,** postpaid.

—Moore's Early. (Black with heavy blue bloom.) Bunch, medium size, berry very large, better than Concord in quality, and with more pulp; vine a moderate grower, very healthy and hardy, moderately productive; a valuable market variety. **Each 50c,** postpaid.

—Worden. A seedling of Concord, which it greatly resembles in appearance, but the fruit ripens several days earlier. A magnificent grape. For home use for all sections, the Worden is the King of Grapes. Its only fault as a shipping grape is its tender skin. **Each 50c,** postpaid.

Rhubard Roots

Rhubarb, Victoria Giant. (Each 35c, 3 for 90c, postpaid), **each 20c, doz. $2.00,** by express at purchaser's expense.

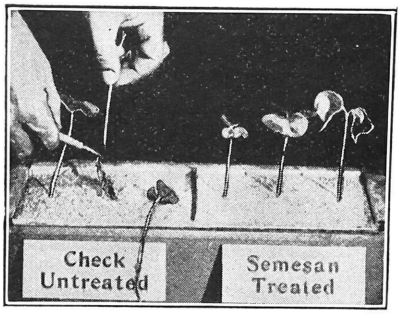
—Strawberry. This is a great improvement on old varieties in every respect, larger stalks and stronger grower, not as acid as other varieties, requiring less sugar; flavor superior. **Each 35c, 3 for 90c,** postpaid; **each 20c, doz. $2.00 by express at purchaser's expense.**

Semesan Seed Disinfectants

America's Premier Agricultural Disease Treatments

Now—A Single Disinfectant, CERESAN, to Treat Your Wheat, Oats, Barley and Other Cereals

Ask for Free Semesan Booklets for Vegetables, Flowers, Cereals and Nursery Crops



SEMESAN CONTROLS DAMPING OFF DISEASE

Approximately every fifth of an acre of white potatoes and every third of an acre of sweet potatoes were a total loss. Had the infected acreages been disease-free and healthy bearing, farmers could have obtained from 20% to 35% larger crops, or they could have obtained the same yields from smaller acreage with far less expenditure of time, money and materials.

The Semesan disinfectant family, comprising Semesan, for cereals, vegetables and flowers; Semesan Jr., for field and sweet corn, and Semesan Bel, for potatoes has proved to be the grower's solution of the disease hazard in farming.

Semesan provides the one effective method of controlling the various damping-off diseases as illustrated in the first picture above. It is being used with wonderful results in all sections of the country on grains, field crops, vegetables, flowers and ornamentals. Brown Patch of grasses, a disease which swiftly destroys the expensive turf of golf greens, estate lawns and tennis courts, can be prevented, and, if treated soon enough, cured with Semesan.

Semesan is easily applied—little skill required—at a cost of only ¼c to 1c per pound of seed. Used as a dust, one pound of Semesan is sufficient to treat from 240 to 480 pounds of seed. The cheapest crop protection you can buy.

Semesan Jr. is used as a dust disinfectant to control the ear, root and stalk rots of corn. In tests conducted in both Illinois and Iowa by the Federal and State Governments, Semesan Jr. increased yields from diseased seed by varying amounts up to 38%. These tests confirm the experience of other agricultural experts and practical farmers who report increased corn crop yields from Semesan Jr.-treated seeds of 20 to 40% or more. The 33% increase shown in the illustration below is the result of Semesan Jr. seed treatment.

Semesan Jr. is applied only as a dust, at the rate of 2 ounces per bushel of seed. The cost therefore ranges from only about 4c an acre of field corn to 6 or 7c per acre of sweet corn. Send for Semesan Jr. Corn Pamphlet with full directions. Semesan Bel is used especially for the seed disinfection of white and sweet potatoes. It has the remarkable property of destroying many disease germs and at the same time stimulating seed pieces to speedy germination, healthy growth, early maturity and the production of larger crop yields. Semesan Bel is applied to whole or cut seed pieces as a whitewash-like mixture by adding the proper amount of water by the instantaneous dip method. Because of its effective control of the common potato diseases a higher percentage of potatoes of certified grade can be obtained through its use than from any other practical means. One pound of Semesan Bel treats from 16 to 20 bushels at an extremely low cost. Ask for Semesan Bel Potato Booklet.

Seed disinfection is now generally regarded as an essential requirement of profitable farming. It is only a few seasons since the four consecutive and disastrous years when plant diseases destroyed nearly 19 per cent. of the United States' white potato crop and over 32 per cent. of its sweet potatoes.



9
Important Cereal Diseases Controlled by

CERESAN

1—Stinking smut of wheat.
2—Flag smut of wheat (seed borne).
3—Stripe disease of barley.
4—Loose smut of barley in certain six-rowed winter varieties.
5—Covered smut of barley
6—Loose smut of oats.
7—Covered smut of oats.
8—Kernel smuts of sorghum.
9—Stem smut of rye.

Advantages of CERESAN

Harmless to Seed
A dust treatment—easy to apply.
One disinfectant for most cereals.
Convenient and economical
(Directions with package.)

Seed Disinfectants

CERESAN

A Dust Disinfectant for Wheat, Oats, Barley and other Cereals

8-oz. tin	$ .50	25-lb. pail	$12.50
1-lb. tin	.75	100-lb. drum	49.00
5-lb. tin	3.00	300-lb. drum	144.00

SEMESAN

A General Disinfectant for Many Vegetable and Flower Seeds or Bulbs, and Certain Other Plant Diseases.

2-oz. tin	$ .50	25-lb. pail	$56.25
1-lb. tin	2.75	100-lb. drum	220.00
5-lb. tin	13.00	300-lb. drum	645.00

SEMESAN JR.

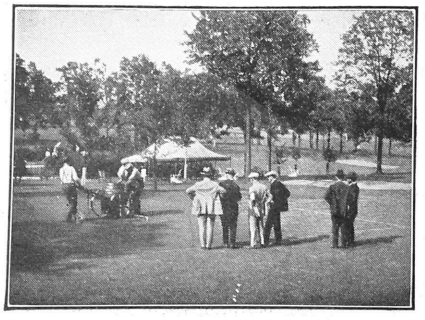
A Dust Disinfectant for Seed Corn.

4-oz. tin	$ .50	25-lb. pail	$31.25
1-lb. tin	1.75	100-lb. drum	120.00
5 lb. tin	8.00	300-lb. drum	345.00

SEMESAN BEL

An Instantaneous Dip Disinfectant for Seed Potatoes

4-oz. tin	$ .50
1.lb tin	1.75
5-lb. tin	8.00
25-lb. pail	31.25
100-lb. drum	120.00
300-lb. drum	345.00



APPLYING SEMESAN TO PREVENT BROWN PATCH



Insecticides and Fungicides

Abol A non-poisonous insecticide and fungicide of English manufacture, strongly recommended and greatly in use in Great Britain, ½ pint **60c, pint $1.00, quart $1.50, ½-gallon $2.50, gallon $4.50.**

Arsenate of Lead Powder Kills leaf-eating insects. Mixes readily with water. Sticks to the foliage. **Arsenate of Lead** is used to destroy leaf-eating insects such as Codling Moth, Curculio, Canker Worm, Tussock Moth, Elm Leaf Beetle, Gypsy and Brown Tail Moths, Potato Beetle and similar insects that feed on the foliage of fruit trees, shade trees, vegetables, flowers and shrubbery. Packed in **½-lb. tins 25c,** postpaid **35c, 1 lb. 40c,** postpaid **55c, 5 lbs. $1.75,** by express at purchaser's expense. Large quantities, prices on application.

Calcium Arsenate (Arsenate of Lime)

Powder for dusting or spraying potatoes and field crops. The safest and best insecticide for the cost. Use 3 lbs. per 100 gallons of water for spraying potatoes. For dusting, use 5 lbs. per acre. Recommended by many leading authorities as the most suitable poison for potato-bugs, cabbage-worms, etc. Price, 1 lb. can **25c,** postpaid **40c,** 5 lb. bag, **90c,** postpaid **$1.25.** Larger quantities, write for price.

"Blackleaf 40" (Sulphate of Nicotine)

A standard article for spraying vegetables, fruits, flowers and plants to destroy aphis, thrip, leaf-hoppers and similar "sucking" insects, or it may be used as wash for animals affected with skin diseases. There is no better spray for chicken houses. Diluted according to directions it is non-poisonous and may be safely applied to all vegetables. Dilute two teaspoonfuls to one gallon of water. **1 oz. bottle 35c,** postpaid **40c, ½ lb. tin $1.40, 2 lb. tin $4.40, 10 lb. tin $15.00,** by express at customer's expense.

Bordeaux Mixture Powder It is an excellent fungicide. This year's product is of a much higher strength than formerly. We found it can be used stronger when made with proper chemical proportions. Wherever Bordeaux is required, **Bordeaux** is rapidly superseding the home mixture. Prices per **½-lb. 20c,** postpaid **30c, 1 lb. 35c,** postpaid **50c,** by express at purchaser's expense, **5 lbs. $1.50.**

"Bortox" Weed Killer "Bortox" Weed Killer is especially adapted for destroying weeds in walks, drives, dirt tennis courts, golf links, etc., or any other place where the killing of all vegetation is desired. It is successful against all kinds of weeds and grass, including milkweed, witch grass, wild morning glory, dandelions, poison ivy, sumach, etc. One application will kill roots and foliage in 48 hours, and no more weeds will grow until more seed is sown. **Quart $1.25, ½-gallon $2.25, 1 gallon $4.00.**

Fir Tree Oil Soluble insecticide, effectually destroying all kinds of pests to which plants are subject, equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. **Cannot be mailed.** Bottle, 4 sizes, **25c, 50c, 75c, $1.00,** by express at purchaser's expense only.

Flowers of Sulphur For the prevention and destruction of mildew on plants. Blow it over and through the foliage when the dew is on or after a thorough syringing. **Lb. 10c,** postpaid **25c, 5 lbs. 45c,** by express at purchaser's expense.

Grape Dust **(Hammond's).** An excellent article for killing and preventing mildew, mould or rust, mites on roses, grape vines and other plants and trees affected by same. More effectual and cheaper than sulphur. Required to be applied reasonably frequent. **Price 1 lb. 25c,** postpaid **35c.** In **5 lb. packages $1.00,** by express at purchaser's expense.

Hammond's Slug Shot For destroying potato bugs and those on tomato and egg plants; currant worms, cabbage lice and worms, beetles, striped bugs on lemons, squashes, turnips, beets, canker worms and caterpillars on fruit and ornamental trees, rose bugs, cut worms, etc. **1 lb. carton 25c,** postpaid **35c; 5 and 10 lb. packages 20c per lb.,** by express at purchaser's expense.

Dry Lime Sulfur **(Containing Other Compounds). Where to Use Dry Lime Sulfur.** The uses for Dry Lime Sulfur are varied, but the grower will find it particularly effective in control of the following: San Jose Scale, Oyster Shell Bark Louse, Scale Insects, Fungus Diseases, such as Peach Leaf Curl, Apple Canker, Apple Scab, Brown Rot of Peach or Plum, Blister Mite, etc. Remember Dry Lime Sulfur can be employed for the same work for which you have been using Lime Sulfur Solution. **Price 1 lb. 35c,** postpaid **50c; 5 lbs. $1.50,** postpaid **$2.00;** Special prices for larger lots.

Lawn Sand For destroying Daisies, Dandelions, Plantains, Ribbed Grass, Thistles and other weeds on lawns, croquet grounds, bowling greens, parks, etc., at the same time acting as a fertilizer, and improving the growth and color of the grass. **2 lb. tin 40c,** postpaid **65c; 7 lb. tin $1.50, 14 lb. tin $2.40, 28 lb. $4.00, 112 lb. $12.50,** by express at purchaser's expense.

Hellebore The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. **Per lb. 90c,** postpaid.

Melrosine An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray, when diluted with from 20 to 25 times its bulk of water. **Per ½ pint 75c, 1 pint $1.40, qt. $2.50.**

Tree Tanglefoot (Caterpillar Preventative) A perfect safeguard for Trees against Gypsy, Brown-Tail and Tussock Moth Caterpillars, Canker Worms, Cut Worms, Ants and other creeping insects.

Will remain sticky about three months fully exposed to weather. **Price, 1 lb. 80c, 5 lbs. $3.50.**

Nikoteen—For Spraying Roses, Etc.

Is used in greenhouses and is the cheapest, cleanest and most effective of insecticides; will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent. of nikoteen. This preparation contains 40 per cent. of nikoteen. Can be used either as a spray or a fumigant. Positively guaranteed. In **1 lb. bottles $3.00, ½-lb. $1.75, small size bottles 50c,** postage extra.

Richard's X. L. All Liquid Insecticide

An English preparation which destroys Mealy Bug, Scale, Thrip, Red Spider, Green and Black Fly, Blight, etc., and is perfectly safe to use on tender plants. **Price 1 quart $2.25, ½ gallon $3.55, 1 gallon $6.50.**

Nico-Fume **Liquid.** An effective vaporizing liquid. **¼-lb. $1.25, 1 lb. $3.00, 4 lbs. $10.00.**

Nico-Fume Tobacco Powder For fumigating greenhouses. **1 lb. $2.00,** postpaid **$2.15, 5 lbs. $6.00, 10 lbs. $11.00,** at purchaser's expense.

Paris Green Strictly pure, **lb. 45c.** Market price for large quantities on application.

Sulpho-Tobacco Soap Makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly aphides, turnip and cabbage fleas, rose slugs and bark lice. Dissolve two ounces in a gallon of water, apply with a spraying pump, etc., or dipping plants into solution. **Package, small, 20c,** postpaid **25c, ordinary package 35c,** postpaid **45c.**

Cyanogas Calcium Cyanide, G Grade

During the last few years a new cyanide known as Cyanogas Calcium Cyanide has been demonstrated to be a valuable insecticide as well as rodent destroyer.

Cyanogas Calcium Cyanide when exposed to the air gives off hydrocyanic acid gas for several hours. Because of this property it is now possible for a grower to maintain a very low concentration of hydrocyanic acid gas in his greenhouse during an overnight fumigation.

Normal Dose—¼-oz. Cyanogas Calcium Cyanide, G. Grade, per 1000 cubic feet.

Full directions for use will be sent on request.

1 lb. 80c, postpaid **95c; 5 lbs. $3.25, 25 lbs. $12.50, 100 lbs. $35.00,** by express at purchaser's expense.

Cyanogas Calcium Cyanide, A. Grade

Specially recommended to eradicate Ants, Rats, Mice, Moles, Ground Hogs and other pests, **1 lb. 80c,** postpaid **95c; 5 lbs. $3.25,** by express at purchaser's expense.

Whale Oil Soap One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. One pound of soap to seven gallons of water for applying to foliage. Use two ounces to one gallon of water for spraying rose bushes, etc. **Lb. 25c,** postpaid **35c.**

Summer Cloud A summer shading for greenhouses, **per pkt. 75c.**

Richard's White Fly Vapor A sure and safe killer of White Fly on Tomatoes, **quart $2.00.** Prices on larger quantities on application.

Worm Killer **(in Powder).** The most efficacious destroyer of earthworms on golf greens, gardens and croquet lawns. Also possesses manurial properties, which enrich the turf and aid growth of the grass. **Small size 60c, large size $1.25.**

McGredy's "Kuremil" A mildew preparation, the only certain and guaranteed cure for mildew on Roses and other plants, 1 packet sufficient for 32 gallons, **$1.50.**

Climax Bug Death A poisonous, insect killing powder, that is in high favor, especially among gardeners who use it extensively for cabbage, currant and tomato worms, potato and cucumber bugs, etc. Applied with a duster, bellows or powder gun. **20 lbs. $1.00, 50 lbs. $2.25.**

Volck— **(A Wonderful Insecticide)**—After testing this preparation out, we guarantee it as the cheapest and most effective treatment for moth, scale, mildew, green fly, white fly, spider, and other pests, besides leaving a beautiful gloss on the foliage treated.

½-pint can	**$ .50**	**1 gallon can**	**$ 3.50**
1 pint can	**.75**	**5 gallon can**	**15.00**
1 quart can	**1.00**		

All Insecticides are offered Ex Warehouse except where noted.

Insecticides and Fungicides



Kills most plant pests, including even cutworms. Use it freely on tender plants and flowers — it can't burn or otherwise injure them. Neither will it injure the soil.

Non-Poisonous. Ever Green kills only insects — it is harmless to man, live stock, birds and pets.

Easy to Use—Just mix it with water and stir. No need for constant agitating—EVER GREEN stays in solution and won't clog sprayers.

1½ oz. bottles $0.35; 16 oz. bottles $2.25; 6 oz. bottles, $1.10; 32 oz. bottles $3.85; 1 gallon bottles, $14.00.

Fungtrogen A highly concentrated fungicide that conquers Mildew and controls Black Spot on roses, phlox and other plants, and is an effective plant stimulant, as well.

PRICES (Wine Measure)

	4 Ounces	Half Pints	Pints	Quarts	Half Gallons	Gallons
Post prepaid 60c.		$1.00	$1.50	$2.35	$3.50	$6.00

Express f.o.b. Toronto

Insectrogen For leaf-chewing insects — caterpillars, slug worms, Japanese beetles, etc., and blights. A powerful fertilizer. Used alternately with Fungtrogen. Both carry their own spreader.

PRICES (Wine Measure)

	4 Ounces	Half Pints	Pints	Quarts	Half Gallons	Gallons
Post prepaid 75c	$1.00	$2.00	$3.00		$4.50	$8.00

Express f.o.b. Toronto

Aphistrogen For Aphis-Plant Lice

PRICES

	2 oz.	Half Pound	1 Pound	Two Pounds
Post prepaid	50c	$1.50	$2.50	$3.85

These important ground dressings will be wonderful helps in controlling disease by imparting renewed vigor—resulting in thick new foliage and wonderful blooms.

Ferogen Spring-Summer Ground Dressing and Ground Stabilizer. A valuable plant food. Reinforces manure fertilizer. Supplies essential chemical elements to the soil.

	Prices	By P.P.
1 lb. tins	$0.75	$0.90
2 lb. tins	1.25	1.50

Terogen Autumn-Winter ground dressing. Destroys the spores of fungi of most diseases. A valuable fertilizer.

	Prices	
5 lb. tins	$2.75	By Express at
10 lb. tins	4.75	purchaser's Expense.

NOTE : A 10 pound tin is sufficient for one application for 30 to 50 rose bushes.

FERTILIZERS For the Lawn, Garden and Farm

Thomson's Plant and Vegetable Manure

This manure is a perfect food for the grapevine and other fruits under glass; also vegetables and other plants in the garden. QUANTITY REQUIRED: **Grapevine Border.**—For making up a border, ½ cwt. to the ton of loam; for surface dressings, 2 lbs. per yard super, applied early in the season, and 1 lb. per yard super after the grapes are thinned; mix with a little fine soil when roots are quite near the surface; if not very near the surface sprinkle the manure on and fork it in. See that the thorough watering of the borders is done some time previous to the top dressing. For borders for peaches, ¼ cwt. to the ton of loam. Original bags, **112 lbs. $10.00, 56 lbs. $5.50, 28 lbs. $3.25, 14 lbs. $1.75.**



Muriate of Potash

Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care as it is very powerful. Excellent for potatoes, corn, grains, etc. **100 lbs. $4.50.** Prices upon application for large quantities.

Nitrate of Soda

When applied with farmyard manure, at the rate of from 300 to 500 lbs. per acre, gives astonishing effect. Market gardeners can use it profitably for cabbage, cauliflower and other crops. It improves and hastens the strawberry crop. For farm crops such as wheat, barley, oats and corn, a moderate quantity applied broadcast on the land is excellent. **Price 5 lbs. 50c, 25 lbs. $1.75. 50 lbs. $3.25, 100 lbs. $6.00.**

Sulphate of Ammonia

Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Analysis equal to 25% ammonia. **5 lbs. 75c, 10 lbs. $1.25, 25 lbs. $2.25, 50 lbs. $4.00, 100 lbs. $7.50.**

Fertabs

Pills for potted plants. One pill per plant per month, will help to produce vigorous, healthy growth, and profusion of bloom. Quick in action—results will be apparent within a few days after use. Price per package containing 120 pills, **25c, 300 pills 50c, 720 pills $1.00,** postpaid.

Pulverized Sheep Manure (Wizard Brand)

This is a splendid, complete fertilizer containing the necessary plant foods and is also rich in humus, or vegetable matter. It is excellent for general use either alone or in combination with other special purpose fertilizers. Having been kiln dried, there is little danger from weed seeds. It can be used freely as it is not likely to burn anything. Part of it is very soluble so its effects are usually apparent soon after the application and for a long time afterwards. It is carefully selected, dried, pulverized and screened.

For Lawns. It should be applied by sprinkling lightly over the grass. It requires no raking in. The color is not conspicuous and there is little or no objectionable odor. This will nourish the grass, act as a mulch, and tend to prevent the lawn from burning in hot weather. Use 50 lbs. per 1,000 square feet.

For the Garden. After the crop has been harvested in the Fall, the garden should be given a good coating of Sheep Manure. In the Spring put on another light coat and turn it under, or sow lightly in the rows.

Price, 2 lbs. 25c, 5 lbs. 40c, 10 lbs. 65c, 25 lbs. $1.00, 50 lbs. $1.75, 100 lbs. $3.25, by freight or express at purchaser's expense.

High Grade Acid Phosphate Guaranteed Analysis.

Available Phosphoric acid 16.00 per cent. Valuable for Winter Wheat, Rye, Barley, Clover, Alfalfa, Field Beans, Field Peas and all crops needing available phosphoric acid. Should be sown broadcast at a rate not to exceed 500 lbs. to the acre. **5 lb. pkge. 25c, bag 100 lbs. $3.00.**

Land Plaster, 100 lbs. $1.25

Pure Canadian Hardwood Ashes

Ashes contain potash and lime, which are essential, not only as plant food, but also as sweeteners of the soil and solvents of other plant food ingredients. So far as they supply potash and lime, they are "nature's plant food." These things have been extracted from the soil by the trees and now we return them in the shape of ashes. Pure wood ashes is one of the best fertilizers for top-dressing lawns, grass lands, and seeding down, imparting a rich, dark shade of green, destroying insects and weeds, particularly moss; also for fruit of all kinds, especially strawberries, peaches and apples, **25 lbs. 75c, 50 lbs. $1.25, 100 lb. bag $2.00, 200 lbs. $3.75,** by freight or express at purchaser's expense.

Complete Fertilizer Golf Grounds, Lawns and Gardens. 4% Nitrogen—8% Phosphoric Acid—4% Potash.

(Odorless). Your lawn and garden need regular applications of Fertilizer. Barn Yard Manures being inconvenient and offensive to handle are not suitable. Our fertilizer is put up specially for lawns and gardens. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden where it can be applied any time during the growing season, **5 lbs. 40c, 50 lbs. $2.00, 100 lbs. $3.50.**

Blood and Bone

The high nitrogenous and phosphoric content of this absolutely safe fertilizer has won for it a great popularity among greenskeepers and groundsmen for top-dressing sports turf. It is also of exceptional value for garden crops, root crops, corn, grain, small fruits, grape vines, etc., and all grass lands.

Quantity required. When broadcasted and harrowed in use from ½ to 1 ton per acre. For garden crops drill in 300 to 500 lbs. per acre. **5 lbs. 60c, 25 lbs. $1.25, 50 lbs. $2.00, 100 lbs. $3.50.**

Fertilizers are quoted Ex. Warehouse. Kindly add postage on small quantities wanted by mail.

Fertilizers Etc.

SACCO

TRADE MARK REG. U.S. PAT. OFF.

Makes Things Grow

Sacco is the finest of fertilizers—a combined soil rectifier and growth producer for use on LAWNS, GARDENS, SHRUBS, FLOWERS, TREES, POTTED PLANTS and VEGETABLES. It is a well-balanced preparation containing ALL THE FEEDING ELEMENTS essential to the perfect growth and development of all plants.

Use 2 to 4 lbs. per 100 sq. ft. Full directions for using SACCO are printed on each pkg.

1 lb. can	25c	25 lb. bag	$1.75
5 lb. can	50c	50 lb. bag	$3.00
10 lb. bag	85c	100 lb. bag	$5.00

Prices on Sacco are Ex. Warehouse, small lots by mail add 10c per lb. for postage.

"Steele, Briggs" Fine Ground Bone Meal

A high-grade fertilizer. Your lawn and garden need regular applications of Fertilizer. Manures being inconvenient and offensive to handle are not suitable. The weed seeds contained in manure are very detrimental to gardens. Our Fertilizer is put up specially for gardens. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden where it can be applied any time during the growing season. **5 lbs. 50c, 25 lbs. $1.25, 50 lbs. $2.00, 100 lbs. $3.50,** by freight or express at purchaser's expense.

Farmers' and Gardeners' Fertilizers

Compare our prices before buying elsewhere.

		Prices per ton.
For Wheat, Oats	4-12-4	$49.40
	or	
Barley, Mixed Grains	2-12-6	44.65
	or	
Buckwheat etc.	2-12-2	41.80
For above crops after Clover	0-12-5	34.00
For Mangolds, Turnips, Corn, Peas, Potatoes on heavy soil and Tomatoes	2-12-6	44.65
For Potatoes (on sandy soil) Tobacco, Garden Crops	4-8-6	47.00
	or	
Specially recommended for Celery	5-8-7	50.75

The above prices are freight paid to Stations in old Ontario, South of Sudbury, east of the Sault in lots of 500 lbs. or more.

These are cash prices.

Write for free illustrated booklet on fertilizers. Printed in English or French.

Granulated Peat Moss is a reservoir for moisture. Laboratory tests show that it absorbs from seven to eight times its own weight. When mixed with the soil, it encourages the growth of the important, beneficial nitrate forming bacteria. Nitrate is the most expensive fertilizing element and one of the most necessary to vigorous growing plants. It is the element which plants absorb in greatest quantity, therefore, it is important that an ample supply be maintained in the soil to assure good crops of flowers, fruits or vegetables.

For the Nursery, Greenhouse, Garden and Home. Should be used liberally about the garden and greenhouse, also for pot plants, window boxes and for the growing of bulbs, etc. Will be found very beneficial for mulching perennial flower beds, lawns, roses, etc. **10c per lb. 10 lbs. 60c, large bale $4.50.**

Garden Tools and Accessories



CLEANS lawn without injuring tender growing grass. Unequalled for raking leaves, cleaning out flower beds, or around shrubery. Scientifically designed. Light, strong, durable and inexpensive. Guaranteed spring steel. Finished in rust-resisting green enamel.

Launcomb

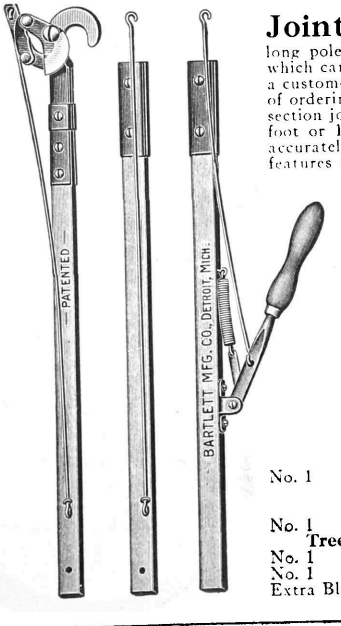
Flexible Steel Teeth Bend Easily—Spring Back to Shape

$1.25



No. 4—Pole Saw Price List

No. 44 Saw, complete, 10-ft. pole, **each**	$5.50
No. 44 Extra Blades for No. 4 pole saw, **each**	$1.15



Jointed Tree Trimmer

This jointed Pruner is the same as our No. 1 long pole except that it is made of sections four feet in length which can be arranged to cover any length desired. For instance, a customer desires a 16-foot pole and also an 8-foot pole. Instead of ordering two trimmers of the desired length, he secures a four section jointed pole which will make up into either an 8-foot, 12-foot or 16-foot Pruner. Drop forged Crucible tool steel blades accurately tempered by measured heat with hardened hooks, are features of our No. 1 Compound Lever Trimmer.

The jointed pole appeals to the user because of its simplicity and the fact that only one pole is necessary, whereas formerly several lengths were used to do the work required. Moreover, it can conveniently be put away after the pruning season is over and can be carried about in 4-foot lengths.

Price List of No. 1 Jointed Pruners

No. 1	8-ft Jointed Pruner, made up by using the top section and handle section. Weight 5 lbs. **Price, each**	$7.50
No. 1	12-ft. Jointed Pruner, made up by using the top section, handle section and one intermediate section. Weight 7 lbs. **Price, each**	$8.50
No. 1	16-ft. Jointed Pruner, made up by using top section, handle section and two intermediate sections. Weight 9 lbs. **Price, each**	$9.50
No. 1	Extra Intermediate Sections	$1.40

Tree Trimmer

No. 1	10 foot pole in one piece	$7.00
No. 1	12 foot-pole in one piece	7.50
Extra Blades for No. 1 Tree Pruners, **each**		75c

Fertilizers and Implements are quoted Ex. Warehouse, Toronto or Hamilton.

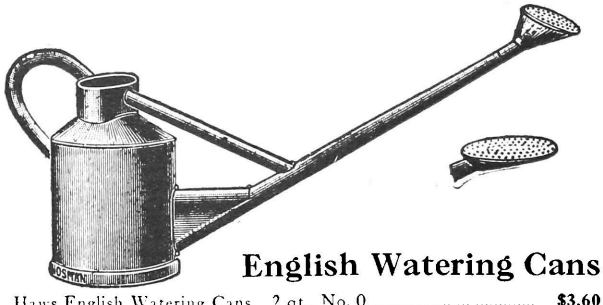
The Cyclone Seed Sower

When you Buy a Hand Seed Sower, Buy a Good One.

The CYCLONE differs materially and very advantageously from all other Sowers in having a slope feed board with an oblong hopper, which terminates in a metal edge on which oscillates a steel feed plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed.

Clover is thrown a width of 18 feet; Flax or Millet, 18 feet; Oats, 18 feet; Timothy, 15 feet; Alfalfa, 20 feet; and Wheat 25 feet.

The machine is supplied with a recently patented interlock, double flange, non-solder joint distributing wheel and a self-acting feed adjustment, so that the seed can be let on or shut off instantly. We cannot recommend the CYCLONE too highly. **Price $2.50,** by express at purchaser's expense. If by mail, postpaid, **$3.00.**



English Watering Cans

Haws English Watering Cans, 2 qt., No. 0	**$3.60**
Haws English Watering Cans, 3 qt., No. 1	**5.00**
Haws English Watering Cans, 4 qt., No. 2	**5.75**
Haws English Watering Cans, 6 qt., No. 3	**6.75**
Haws English Watering Cans, 8 qt., No. 4	**8.00**
Haws English Watering Cans, 10 qt., No. 5	**10.00**
Haws English Watering Cans, 12 qt., No. 6	**10.50**

The Feeny Model B Duster Has Many Uses

The Model B Duster has many uses besides applying all kinds of insecticides and fungicides to gardens, flowers, trees, shrubs, etc. It is ideal for killing flies, bugs, roaches, etc., in homes, hostels and restaurants—for killing lice and other vermin in chicken houses; for using hog and cattle powder on the animals or in the barns, pens or stables.

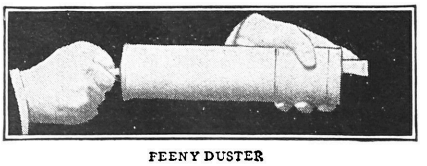
Whenever it is desired to apply any powdered material in its finest, atomized form, the Feeny Model B Duster is positively the best instrument for such application. **Each $1.75,** postpaid, **$1.90.**

Model No. 52. Same as above, but much larger machine; will hold about 4 lbs. powder. **Price $5.00 each,** by express at purchaser's expense.

Powder Gun

For applying insect powders on plants in the house or small gardens, it will hold about 4 ozs. of powder, which is ejected and distributed by a pressure with the thumb.

Price 25c each. If by mail, add 15c for packing and postage.



FEENY DUSTER

Stormoguide Junior

The little weather advisor. Sturdy, reliable barometer in handsome case. Definite information right on the dial giving weather probabilities for the next twelve to twenty-four hours.

A Stormoguide Junior hanging in your office will keep you completely posted on coming weather changes. You can plan your business trips or golf dates to conform to the weather and save many wasted hours.

Stormoguide Junior has a good quality aneroid movement; handsome mahogany finished case of moulded bakelite; clear, white, easy reading dial. A good looking barometer that you will be proud to own.

Stormoguide Junior No. 2258, Each **$10.00**

High Grade Tested Thermometers

Warranted Correct Standard Grade Air Scale. Made with seasoned tubes, graduated in single degrees; tubes mounted by clasps on heavy metal; very accurate.

These thermometers are exceedingly useful to the florist or gardener who has a greenhouse.

"Temprite" Window Thermometer, to fasten to casement so that temperature can be read from indoors, **each $1.00,** postpaid **$1.15.**

Utility Model, steel frame, white enamel finish, for outdoor or indoor, **each $1.00,** postpaid **$1.15.**

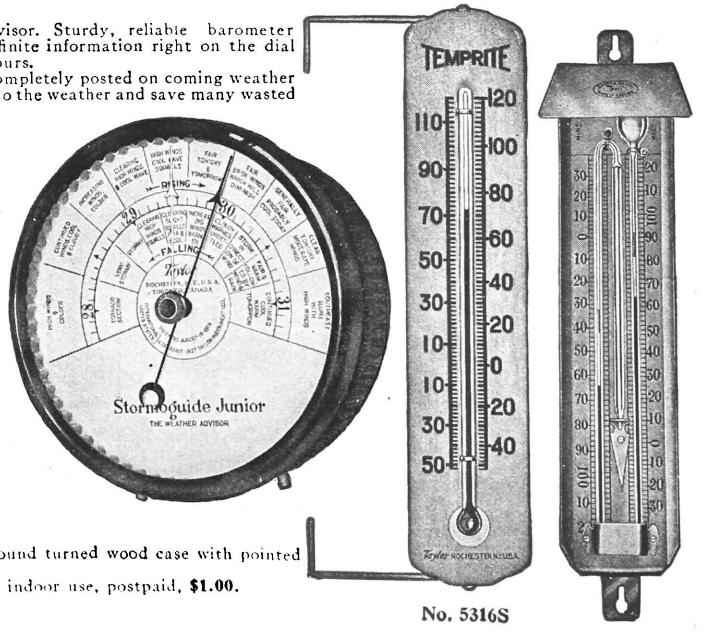
8-inch **Copper Case** Thermometers, **each $1.25,** 10-inch copper case **each $2.75,** postpaid.

Registering Thermometers. 10-inch Standard Maximum and Minimum Registering Tubes, mounted together on same plate with magnet. **Each $6.50,** postpaid.

New **Improved Dairy,** all glass, or for propagating beds and hot-beds. Valuable for dairy work. **Each $1.00,** postpaid.

Hot-Bed Thermometers. 10-inch Thermometer in round turned wood case with pointed brass bottom, extra good quality. **Each $3.75,** postpaid.

Comfortmeter, an inexpensive spirit Thermometer for indoor use, postpaid, **$1.00.**



No. 5316S



Black Hawk Grinding Mill

An Excellent Mill for Home Use.

For grain only. A cheap and handy Grinding Mill. If you live in a Wheat country you can always have fresh Graham Meal for the Table. Just the machine for the Poultry man, farm or family use. A quart of Graham Flour can be made in from two to three minutes. It is readily taken apart for cleaning or oiling without the use of tools. Easily adjusted for fine or coarse grinding of wheat, corn or other dry grain or spices. All bearings are chilled, crank or malleable iron; grinding plates made of hardest and strongest metals. Weight, complete, 12 lbs. **Each $4.75. Extra Grinding Plates, per pair, $1.25,** by express at purchaser's expense.

Black Hawk Corn Sheller

A Sheller that Shells. It can be set to shell any corn that grows—set it for popcorn and it will shell popcorn; set it for field corn and it will shell field corn; set it for the largest corn that grows and it will shell the largest corn. This practical sheller meets every requirement, appeals to common sense, and is our best agent. The working parts are all machine-made, not castings hastily thrown together. Every part is perfectly fitted and can be duplicated at any time. Weight, 11 lbs. **Each $4.00,** by express at purchaser's expense.

Abol Patent Syringes

Have proved themselves to be the best for the purpose. They give a spray which is strong and searching, and yet so fine that it hangs in the air and envelops the plant. There is no waste.

Moreover, the Abol sprays may be varied in density from fine to medium or coarse, as desired, by means of the interchangeable caps. **No. 4** (1 in. by 14 in.) **Each $7.00. No. 5** (1 in. by 20 in.) **Each $9.00. No. 6** (1¼ in. by 20 in.) **Each $12.00,** Bend attachment, extra, **Each 70c**



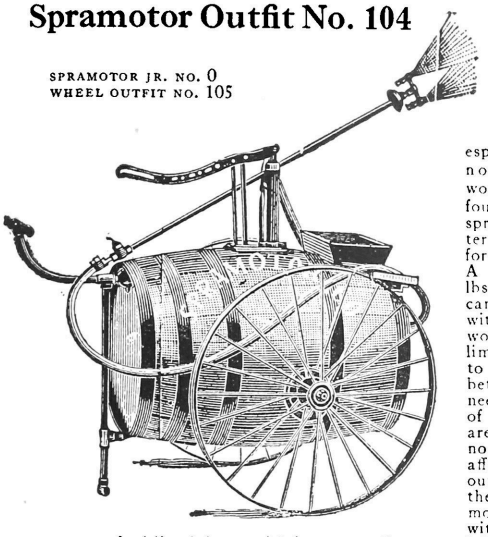
THE "FLORIST'S FRIEND" SPRAYING SYRINGE

No. 2—With Stuffing Box, Improved Cotton and Leather Plunger. THE SYRINGE FOR GARDEN AND GREENHOUSE USE. This syringe is fitted with Special Drip Preventor, which makes it impossible for anyone to get wet using it. Supplied with Ball Valve Rose, Jet, and a moveable fine Sprayer. Complete with three sizes Sprayer Caps and Side Holders to carry same. **Price, $7.00, No. 10.** Large size, **$8.50.**

Spraying Machines

Spramotor Outfit No. 104

SPRAMOTOR JR. NO. 0
WHEEL OUTFIT NO. 105



For painting, Whitewashing and Spraying. We illustrate here the Spramotor No. 0, arranged especially for single nozzle painting work. It will be found capable of spraying any material that can be formed into a spray. A pressure of 150 lbs. per square inch can be maintained with one nozzle at work, and where limited surfaces are to be covered no better machine is needed. Thousands of these machines are in daily use, and no paint shop can afford to be without one or more of them. Price: Spramotor Jr. No. 0, with brass working parts; ten ft. ¼ inch hose, with brass couplings; one 8-ft. Iron Extension Pipe, in three pieces; Patent Drip Guard, 1 hand Valve, 1 Patent Painting Nozzle, Fig. 57; one 5-gal. Galvanized Iron Can. Complete **$17.25.** If 10-gal. Galvanized Iron Can, **$18.25.**

Spramotor Jr. No. 0—Wheel Outfit No. 105, Fig. 6

The cut illustrates a novel wheel outfit, which is a 30-gallon half-barrel with screen, neatly painted and fitted to strong iron wheels with tires 1¼ inches wide as shown, on which we fit Spramotor Jr. No. 0, with 5 feet of 1½-inch hose, patent hand valve, and iron extension rod and nozzle.

This outfit is the most serviceable arrangement for garden or gentlemen's city suburban residences. It will do any work possible with one nozzle.

Price, complete with bamboo extension rod.....**$33.00**

Spramotor Jr. Nos. 1 and 2

Recommended for all kinds of Tree Spraying. This description accurately represents our largest size Spramotor Jr., the best all-round spraying machine made; it was awarded first place at the Government spraying contest at Grimsby. It has all the patented improvements and has been fully tested and approved. It will be found more convenient to attach to the barrel, and can be arranged to attach to the side of the barrel, or by means of flat plates to the end, and may be ordered either way without extra charge. It is built low down, and is the strongest machine ever placed on the market. All the working parts are brass.



DOUBLE BOTTOM—DOUBLE STRENGTH

Spramotor Jr. No. 1; brass working parts, Outfit No. 106.
1 Line ½-inch Hose 10 ft. with couplings, 1 hand valve. Fig. 52.
1 Bamboo Extension Rod & Drip Guard & with 1-nozzle Cluster.
Complete.....**$23.25**

Spramotor No. 2, brass working parts.
1 Line Hose, 10 ft. with Couplings.
1 Hand Valve, Fig. 52.
1-10-ft. Bamboo, with Drip Guard.
1-2-Cluster Nozzle, Fig. 58.
Complete.....**$27.20**

Knapsack Spramotor

This Knapsack is of the highest grade throughout. The tank holds five gallons and is made of 16-ounce cold-rolled polished brass, double seamed and soldered, with deep apron around opening to prevent splashing. It has large hand hole with cover and screen. It has heavy grained leather straps, very wide where resting upon the shoulders, with strong buckles. Plants may be sprayed from below, or from any angle or position desired.

The Spramotor is all brass, and its mechanical construction has all the patented features that have made the Spramotor famous, dashing agitator around cylindrical screen, automatic plunger, brass ball valves and patent hand valve. **Price,** complete, in brass tank, **$20.00,** galvanized **$18.00.**

The New Perfection Sprayer

Made in Canada Special features. Our outside filler renders it unnecessary to remove the pump from the tank. **Prices, each,** Galvanized, complete, **$8.00;** Brass, complete, **each, $10.50.** Extra parts: Brass Extension Pipes, 2 feet, **$1.00;** Brass Elbows, **75c ea.;** Automatic Nozzles **$2.00.**

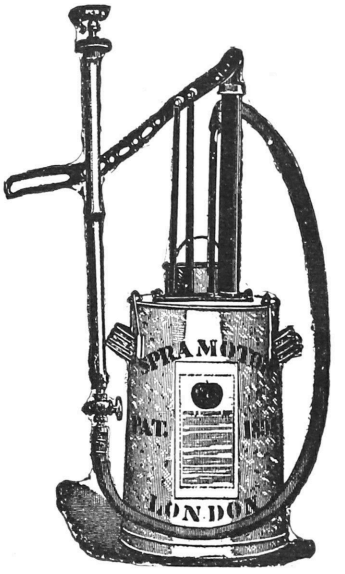
"Eureka" Brass Bucket Spray Pumps

The "Eureka" Bucket Spray Pump is one of the most important sprayers for any Farmer or Gardener. It is used for spraying trees, small fruits, shrubbery, etc., or for washing windows, automobiles and buggies, applying whitewash and disinfectants in barns and poultry houses, cattle fly oil, stock dip of any nature. **Price, each, $6.00,** by express or freight at purchaser's expense.

Boston Rose Spray Nozzle

Brass, for ¾ inch hose. Useful for watering lawns, gardens, hot beds and greenhouses, can be had with coarse or fine spray. **Price $2.00.**

The New Sprayer "Ideal"



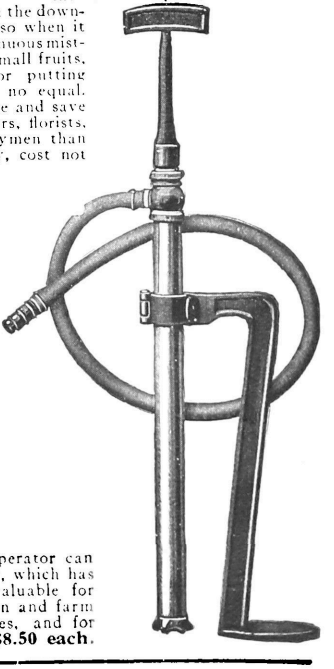
SPRAMOTOR OUTFIT NO. 103

The best and most powerful sprayer offered the public. Strongly constructed of copper with brass nozzle, it cannot with ordinary care get out of order. With each stroke, it will throw a dense cloud of finely pulverized liquid to a distance of 8 to 10 feet, and 4 to 5 feet wide, which will completely penetrate to every part of the plants or trees to be treated. A real acquisition to all gardeners. **Price $9.50.**

Continuous Sprayer

The **Continuous Sprayer,** as the name implies, is so constructed that it not only sprays on the downward stroke of the plunger, but also when it is drawn back, thus causing a continuous mist-like spray. For spraying cattle, small fruits, etc., it is unsurpassed, and for putting Paris Green on potatoes it has no equal. The Continuous Sprayer will make and save more money for farmers, gardeners, florists, orchardists, stockmen and poultrymen than any other machine they can buy, cost not considered. **Prices $1.25 each.**

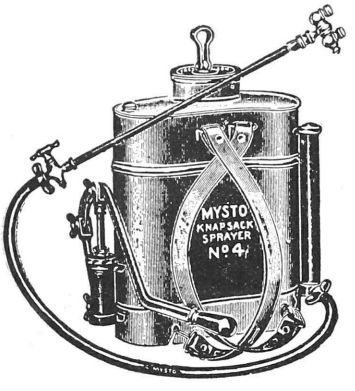
Fountain Compressed Air Sprayer



It is light, easily operated, and will do the work as fast as a man can walk. The body of the "Fountain Compressed Air Sprayer" is composed of a strongly-made galvanized iron reservoir, holding two gallons of spraying mixture. The pressure is given by a few strokes of the air pump attached to the outside; once charged it will spray ten or twelve minutes. Within easy reach of the operator's finger is an ingeniously constructed valve, by means of which the operator can regulate the spray. This sprayer, which has been well tried, will prove invaluable for spraying potatoes or other garden and farm plants, shrubs, small fruit trees, and for greenhouse work. Galvanized **$8.50 each.**

Prices on Sprayers are ex-Warehouse Toronto or Hamilton.

Spraying Machines, etc.



"Mysto" Knapsack Sprayer

(Recommended by the Board of Agriculture and Other Authorities)

This strong **Copper Sprayer** most effectively discharges all fluids. It is specially useful in fruit gardens, where it will in one season repay its cost. The nozzle is designed to deliver the spray in any direction, and may be changed instantly at the will of the operator. The pump action is arranged so as to agitate the contents — thus keeping the mixture in uniform proportion throughout the process of spraying; this is essential when thick mixtures are being used. The **"Mysto"** is a reliable and durable machine, simple of construction. Any portion can be replaced at trifling cost. Capacity about 3¼ gallons. Wherever it has been used, it has given entire satisfaction. **Price, $22.00.**

The Automatic Corn Planter

The Automatic is the cheapest and best corn planter on earth. As a labor-saver in a corn-planter it stands unrivalled. The working parts are simple and durable. It has been used for a number of years and has given the best possible satisfaction. **Each $3.00.**

Pennsylvania Putting Greens or Roller Mower

This mower is unexcelled for cutting undulating or wavy greens, also tennis courts, cricket creases and other lawns requiring an exceptionally close and smooth cut. It can also be used as a border trimmer for the ordinary lawn. **Price,** 18-inch cut, 7-inch Rollers, 6-blade Cylinder, **$84.00** complete with forward grass catcher.

"Pennsylvania" Golf

Ball Bearing. This machine, high-wheel pattern, can be adjusted to cut 3-16 of an inch, practically shaving the lawn, and is especially adapted to golf links, tennis courts, and exceptionally fine lawns. Seven blades. **Price,** 17-inch cut **$47.50,** 19-inch cut **$52.50,** 21-inch cut **$55.00. Forward Grass Catcher** for same, **each $12.00.**

"Pennsylvania"—"Standard"—"POINTS OF MERIT." Most perfectly constructed machine made; strong, durable, easily adjusted, has a rear cut, runs easily, almost noiseless, will cut long grass, leaves surface perfectly smooth; knife works from either wheel, few repairs. The favorite machine and receives highest awards everywhere. If requiring a lawn mower, select a **"Pennsylvania" High Wheel. Each,** 15-inch **$32.00,** 17-inch **$37.00,** 18-inch **$42.00.**

Braun Grass Catcher. Adjustable to **"Pennsylvania"** mowers only. **Each,** 14-inch **$3.75,** 15-inch **$4.00,** 16-inch **$4.50,** 17-inch **$4.75,** 18-inch **$5.00,** 19-inch **$5.50.** When ordering mention size of mower.

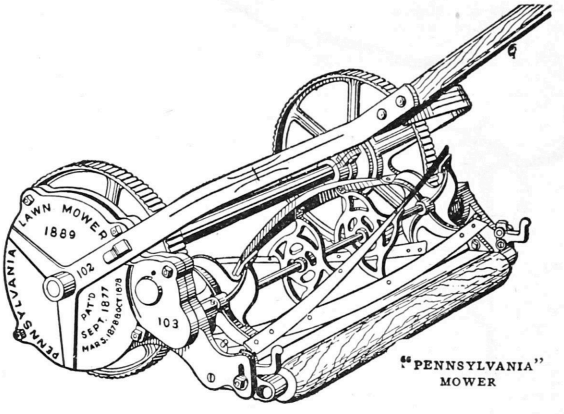
Wm. Penn

5 Knife Ball-bearing. The mower for Everyman's household use. This mower is the latest creation of the factory making the famous PENNSYLVANIA Quality Lawn Mowers, and represents a lot of value for a 16-inch mower at this price, **$20.00.**

It runs easily—cuts clean—lasts long. It has 9-inch driving wheels and **five** crucible tool steel blades. It is equipped with the patented STAYLITE Handle which takes the strain off the wrists.

Woodyat Lawn Mower

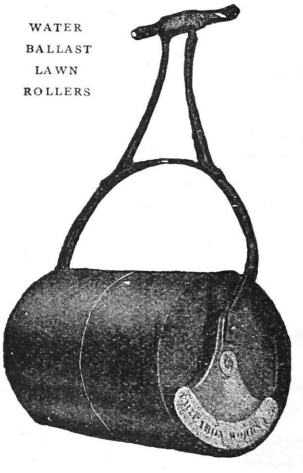
An easy running, perfectly constructed machine of Canadian make. The knives are made of tool steel, oil tempered, and with easily adjusted bearings and parts. Driving wheel, 10½ inches. **Each** 14-in., **$11.00;** 16-in., **$12.00;** 18-in. **$13.00.**



"PENNSYLVANIA" MOWER

Roll Your Lawn

Rolling compresses the grass roots so they absorb moisture from the subsoil. Alternate freezing and thawing produces a loosening and heaving effect on the ground. The earth settles faster than the grass roots, and if not rolled and brought into firm contact with the soil below are left exposed to the air, where they will dry out and die.



WATER BALLAST LAWN ROLLERS

Water Ballast Rollers

Price List, with Counterbalancing Handles, Double Drums, or sections :

No.	Diam. Inches	Length Inches	Empty Weight	Weight filled with water	Weight filled with sand	List Price
211	18	24	160 lbs.	360 lbs.	560 lbs.	**$26.00**
212	24	30	223 lbs.	697 lbs.	1035 lbs.	**34.00**
213	24	32	230 lbs.	710 lbs.	1060 lbs.	**38.00**
214	24	36	260 lbs.	760 lbs.	1110 lbs.	**40.00**
200	Single Drum Roller water ballast for small lawns. **Ea.**					**13.75**

The plug in the drum in the water weight is coated with non-rusting compound, so the plug is easily removed by the use of a suitable wrench that is furnished with the roller.

Pennsylvania Lawn Trimmer

For trimming edges of lawns, has a 6-inch cut, 4 steel blades, is ball bearing and will cut to within 3|8 of an inch of a wall or a tree, and mow any border wide enough to run one wheel on. **Each $16.00.**

Great American Ball Bearing

The Great American Ball Bearing is the best all-round mower of its type made. The perfectly fitting ball cups and cones insure an easy-running machine. The blades are crucible tool steel, gears double, wheels ten inches, bottom knife self-sharpening, raised edge, will cut very close and will cut grass six inches long. **Price, each,** 15-inch cut, **$25.00;** 17-in. **$30.00;** 19-in. **$35.00.**



With Smith's Plant Protector *Without Smith's Plant Protector*

Smith's Plant Protectors Foils Cutworms—and saves Your Plants !

If you grow plants, you surely want to save them. Sure protection against cutworms is provided by Smith's Plant Protectors.

These simple protectors of spring aluminum last for years. Will not rust.

The cost is low—a few cents protects a plant for years, with proper care.

Save time, labor and loss—and promote growth by conserving moisture and warmth. **Doz. 80c, 100 $5.50,** postpaid.

Earthenware Flower Pots and Hanging Pots

The measurement is from inside to outside. Packing charged extra. Pots are carefully packed and are shipped at purchaser's risk.

FLOWER POTS

Inch	Each	Dozen	100
2	.....	$0.20	$1.25
2½	.....	.25	1.60
3	.....	.30	1.75
3½	.....	.35	2.50
4	.....	.40	2.75
5	$0.06	.60	4.00
6	.08	.85	6.00
7	.15	1.10	9.00
8	.20	2.00	14.00
9	.25	2.50	18.50
10	.35	3.50	27.50
12	1.00	11.00	.....
14	1.50	15.00	.....

DEEP OR BOSTON FERN POTS

Inch	Each	Inch	Each
6	$0.10	12	$0.45
18	.20	14	.60
10	.35		

FLOWER POT SAUCERS

Inch	Each	Dozen
5	$0.05	$0.35
6	.06	.40
7	.07	.60
8	.10	.90
9	.15	1.40
10	.20	2.00
12	.50	5.00
14	.55	6.00

HANGING POTS

Inch	Each
10	$0.35
12	.45
14	.60



Cedar Plant Tubs

Just the thing for palms, bay trees or ferns. Made of Cedar, painted green, and bound with extra heavy iron hoops and perforated bottom.

No. 1—13 in. in diameter, 12 in. deep.....	**$2.25**
No. 2—14 in. in diameter, 14 in. deep.....	**3.50**
No. 3—16 in. in diameter, 15 in. deep.....	**4.00**
No. 4—19 in. in diameter, 18 in. deep.....	**6.00**



The Improved All Steel "McKinney" Tree Pruner

The Most Powerful, Easiest and Fastest Cutting Pruner Made. No. 0 Pruner is a hand pruner and cuts limbs 5/8 inch diameter with ease. Weight 1 lb. Length 15 inches. **Each $3.00.**

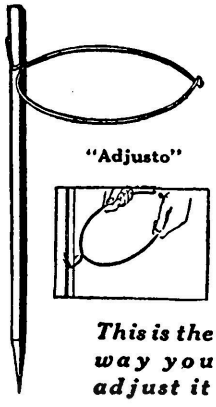
No. 1 Pruner cuts limbs 1 inch diameter and is the lightest Pruner on the market, all steel. Weight 2¼ lbs. Length 23 inches. **Each $4.50.**

No. 2 Pruner. The most powerful cutter made. If more power is required pull the handles into the last notch increasing the power 50 per cent. Two springs are provided which return the blades to their original position after the full amount of leverage has been used. Do not strain this Pruner but shift gear when necessary.

Weight—5¼ lbs. Length—30 inches **Each $6.00.**

Ideal for Dehorning Young Cattle

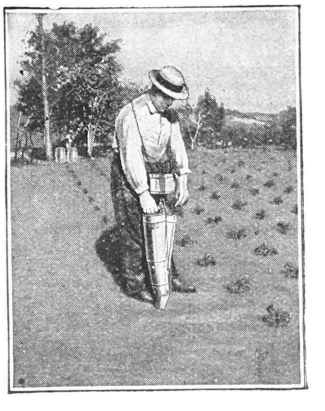
No. 2 Pruner is the largest cutting Pruner on the market. It will cut limbs 1½ inches in diameter with ease.

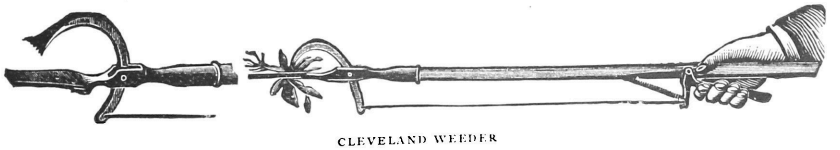


Adjusto Plant Support

It is adjusted in a jiffy to any height to conform to the plant's growth. Used to advantage in staking Tomatoes, Delphinium, Hydrangeas, Peonies, Dahlias, Hollyhocks, etc. Used with one inch square stakes. **10c each; $1.00 doz.** Stakes extra (see Garden Stakes).

Masters Rapid Plant Setter—Makes transplanting easy. Will set, water, and cover in one operation such plants as cabbage, cauliflower, celery, pepper, tomato, tobacco, sweet potato or any similar plants. One man with this planter can set 10,000 to 15,000 plants per day. In setting plants in dry weather, this planter will give each plant half a cup of water at the roots the moment they are put in the ground. Saves labour. No stopping. Is guaranteed to set three times as fast, easier and better than hand work. Pays for itself every day used. **Price $9.00.**





CLEVELAND WEEDER

Cleveland Lifting Weeder

No More Broken Backs—This device gets at the root of the evil and removes it bodily. The curved edge of the blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge the same without disturbing sod. **Price $1.00,** by express at purchaser's expense.

Books for the Gardener and Farmer

All Books sent Postpaid on receipt of price

A B C of Bee Culture. A. I. Root. 400 pages	**$3.00**
Asparagus Culture. Barnes and Robinson	**1.00**
Bulbs and Tuberous Rooted Plants. C. L. Allen	**2.00**
Fuller's Grape Culturist	**2.00**
Gardening for Pleasure. Henderson	**2.00**
Gardening for Profit. Henderson. Cloth	**3.50**
Handbook of Plants. Henderson	**2.00**
Modern Dahlia Culture (Waite)	**1.25**
Muskmelon Production, J. W. Lloyd	**2.00**
Book of Landscape Gardening, F. A. Waugh	**1.25**
Bush Fruit Production, R. A. Van Meter	**1.25**
Roses and Their Culture, S. C. Hubbard	**1.25**
The Gladiolus, A. C. Beal	**1.25**
Spring Flowering Bulbs, C. L. Thayer	**1.25**
Dahlia Production, R. H. Patch	**1.25**
Tomato Production, Paul Work	**$1.25**
The Iris, J. C. Wister	**1.25**
Hardy Shrubs, F. A. Waugh	**1.25**
Starting Early Vegetable and Flower Plants Under Glass	**2.25**
Book of Evergreens, F. A. Schrepfer	**1.25**
Mushroom Culture. Robinson. Cloth. Illustrated	**1.50**
Mushrooms. "How to Grow Them." Falconer	**1.60**
My Lady's House Plants. Palmer	**1.25**
Onion Culture: New Method, Greiner. It will pay you to buy this book	**1.00**
Poultry Breeding and Management. Dryden	**2.25**
The Garden Book. Davis	**1.25**
The Gardener. Bailey	**2.25**
The Strawberry. Fraser	**1.25**
Tobacco Culture. By fourteen experienced cultivators	**.40**



Blatchford's Calf Meal

THE ORIGINAL CALF MEAL

25% Protein, 5% Fat, less than 6¾% Fibre.

Is the highest grade Calf Meal in the world. Made from pure materials, finely ground and steam-cooked so as to be easily assimilated by the young calf from the first feed. It develops big, strong, sturdy calves **at less than half the cost of milk.** Calves fed on **BLATCHFORD'S CALF MEAL** have gained over 2½ lbs. per day.

More Calves are fed on BLATCHFORD'S CALF MEAL in Canada and the United States than on all other Calf meals combined. Insist on BLATCHFORD'S. The original and best. Each pound makes one gallon of Rich Milk Substitute. Price 100-lb. bag, $5.00, 50-lb. bag, $2.75, 25-lb. bag, $1.35.

Blatchford's "Fill the Basket" Egg Mash is a perfect, complete food for encouraging the natural egg-laying functions to greater results and contains nothing resembling a drug.

It starts the pullets laying at five to six months of age, keeping them in perfect health all the time.



The average hen will consume about a pound a week, costing less than four cents, but her results will surprise you during both winter and summer.
25 lbs. $1.20, 100 lbs. $4.25.



A slogan for poultrymen

Blatchford's Chick Mash

CHICKS started on Blatchford's Chick Mash are never bothered with diarrhœa. It nourishes the same as whole milk, and the chicks you save by it will prove the wisdom of its use. Milk-fed broilers are being successfully raised on this Chick Mash. They grow rapidly to big birds and command top prices on account of their size and choice quality of meat. Five lbs. will raise a chick to the age of three months. **100 lbs. $5.25, 25 lb. bag $1.50.**

Mann's Green Bone Cutters

Prices quoted are net cash ex-warehouse Toronto or Hamilton. Subject to Market Changes.

No. 5 B.M.—Intended for flocks of 15 to 25 hens. Can be used for flocks of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for can to catch the bone. Patented automatic governing spring feed. Cylinder is larger than the old No. 1. Cutter plate has four knives instead of three. Will cut faster and easier than other types costing twice as much. Capacity, 15 to 20 lbs. per hour. Weight 80 lbs. **Price, $22.00.**

No. 7.—Intended for flocks of 40 to 100 hens. Can be used profitably for 200 hens or more. Mounted on strong iron stand with large table for box or pan to receive cut bone. Patented 1902 model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard, anti-clog device. Heavy balance wheel, with adjustable handle. Weight 107 pounds. Capacity ½ to 1 lb. per minute. Made in one size only. **Price, $27.50.**

No. 7½—Semi-Power.—A combination hand or power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder same as No. 7. Capacity 50 to 100 lbs. per hour. Weight 150 lbs. **Price, $39.00.**

No. 9—Intended for flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. Its economy is evident. Weight 163 lbs. Capacity ¼ to 1¾ lbs. per minute. **Price, $42.00.**

Extra knives, **75c each, or set of 6 for $4.25,** postpaid.

"Monarch" Scratch Food for Poultry

A mixture of grains in proper proportion to form a well balanced food. Clean, wholesome grain, containing no inferior grades, such as are usually found in cheaper class mixtures. **100 lbs. $3.25, 50 lbs. $1.75, 25 lbs. $1.00.**

Monarch "Baby" Chick Food

A Scientifically-Compounded Food for Young Chicks. "Good Luck" Chick Food is a mixture of different grains and seeds proportioned as to meet all the needs of growing chicks and to fully nourish them. This chick food fills all requirements, as the food is a complete and properly balanced ration ready for use. **25 lbs. $1.35, 50 lbs. $2.50, 100 lbs. $4.25.**

The Knox Nest Egg

The Knox Lice Killing Nest Egg is a combined nest egg and lice killer. By simply using it in the nest, laying hens are freed of lice and mites, and are able to keep on the nest with comfort. **Each,** postpaid, **12c, doz. $1.10.**

Granulated Poultry Bone

It is about the size of wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes valuable food for poultry at all seasons of the year. **10 lbs. 50c, 100 lbs. $3.75.**

Dog Biscuits

(Canadian Made)—A biscuit of first class quality at much lower price than the imported kind. A trial will convince that this biscuit is of equal quality to the best imported brand. **Per lb. 14c; 100 lbs. $12.00.**

Midgets for small breeds, or dainty feeders. **Per lb. 16c, 100 lbs. $14.00.**

Puppy Meal. Per lb. 16c; 100 lbs. $14.00.

Kibblo, for small breeds and shy feeders. **Per lb. 16c; 100 lbs. $14.00.** If wanted by mail add postage to above prices.

Beef Scraps

High Protein Beef Scrap is an especially valuable meat for poultry and gives **very satisfactory results** when fed dry from a food hopper. **Price, 25 lbs. $1.35, 50 lbs. $2.75, 100 lbs. $5.10.**

Beef Bone Scrap

Similar to above but containing a higher percentage of Bone. **Price, 25 lbs. $1.40, 50 lbs.$2.50, 100 lbs. $4.50.**

Granulated Charcoal

Chicken size and hen size by express at purchaser's expense; in bulk, **50 lbs. $1.75.**

"Lion" Brand Crushed Oyster Shells

This is the most important article for the poultry yard through the winter and should be liberally supplied to fowls. In summer, when allowed to run at large, they can find their own shell material, but when everything is frozen over and covered with snow, they must be helped if eggs are wanted. Coarse, crushed and medium, **25 lbs. 50c, 100 lbs. $1.75.**

"White Star" Grit

Is a hard mineral product containing sodium aluminum, magnesium, and iron—natural properties which every raiser knows to be necessary to produce paying hens. To aid digestion it is necessary to feed some gritty material. This grit supplies this want better than any other article ever known. Medium and fine. **25 lbs. 40c, 100 lbs. $1.25. bag.**

Lime Nest Egg

The perfect Nest Egg, strong, cheap, odorless and durable. Will not break. **Each 8c,** postpaid; **doz. 75c,** by express at purchaser's expense, **each 5c, doz. 50c.**

"Black Leaf 40"

Just "Paint" it on the Roosts. Kills lice on your entire flock—whether 50 birds or 5000. Think of the time and labor saved! Simply "paint" "Black Leaf 40" on the top of the roosts and supports with a small paint brush. Some use an oil can and squirt a thin line of "Black Leaf 40" on the top of the roosts, spreading it out into a film with a feather. **10 lbs. $15.00, 2 lbs. $4.40, ½-lb. $1.40, 1 oz. 35c.**

Peat Moss Poultry-Litter

is the best litter material for poultry-runs. **Per Bale, $3.75.**

Items on this page are quoted Ex. Warehouse, Toronto or Hamilton. If wanted by mail add postage.

Seeders

Planet Jr.

Wheel Hoes

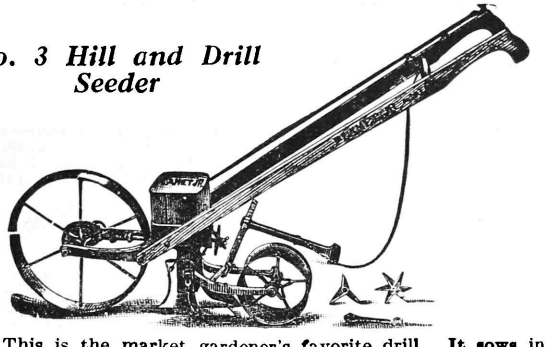
No. 4 Hill and Drill Seeder and Single Wheel Hoe Combined



Sows in straight drills or drops in hills 4, 6, 8, 12 or 24 inches apart. Cultivating equipment includes large garden plow, 6-inch hoes, 3 cultivator teeth, 1 leaf lifter, and the capacity of the hopper is 2½ quarts. Sows practically all vegetable seeds at the right depth and thickness and index is easily adjusted....**$19.80**

No. 4-D.—Seeder only **$15.75**

No. 3 Hill and Drill Seeder



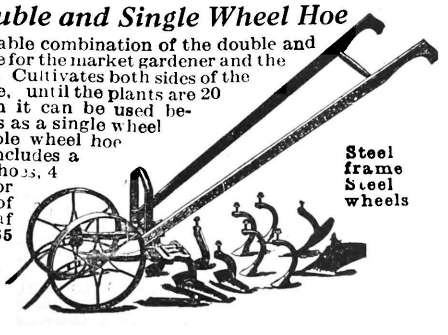
This is the market gardener's favorite drill. It sows in straight drills or drops in hills 4, 6, 8, 12 or 24 inches apart, always at the right depth and thickness. Marks off next row up to 20 inches apart. Capacity of the hopper is three quarts. Has a 15-inch steel drive wheel. Index is easily and quickly adjusted **$19.25**

No. 5—Same, except with a capacity of 5 quarts and a 16½ inch drive wheel..... **$22.00**

No. 12 Double and Single Wheel Hoe

Here is a valuable combination of the double and single wheel hoe for the market gardener and the home gardener. Cultivates both sides of the row at one time, until the plants are 20 ins. high; then it can be used between the rows as a single wheel hoe or a double wheel hoe. Equipment includes a pair of 6-inch hoes, 4 steel cultivator teeth, a pair of plows, 2 leaf lifters.....**$11.85**

No. 13—Same, less plows and cultivator teeth, ...**$8.80**



Steel frame Steel wheels



No. 35 Seeder Attachment

Eliminates back-breaking job of dropping seed by hand. Holds one pint, but will sow a ten cent package as well. Can be used on any Planet, Jr., Single or Double Wheel Hoe or Garden Plow, except the No. 19. **$7.15.**

Disc Hoes



$3.85 per pair

R 6 Plow



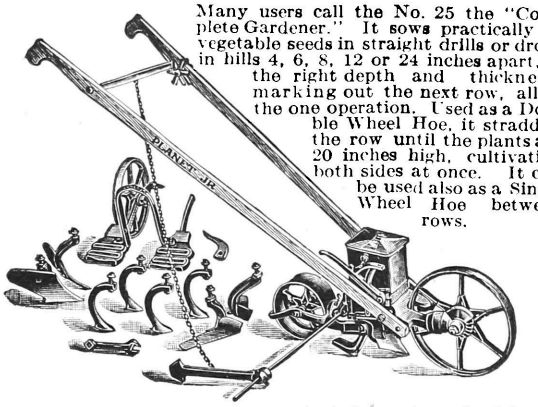
$1.25

M/N Plows



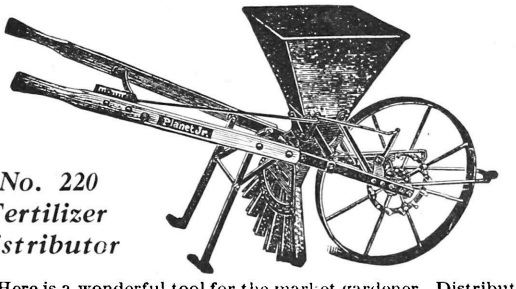
$1.55 per pair

No. 25 Hill and Drill Seeder, Double and Single Wheel Hoe Combined



Many users call the No. 25 the "Complete Gardener." It sows practically all vegetable seeds in straight drills or drops in hills 4, 6, 8, 12 or 24 inches apart, at the right depth and thickness, marking out the next row, all in the one operation. Used as a Double Wheel Hoe, it straddles the row until the plants are 20 inches high, cultivating both sides at once. It can be used also as a Single Wheel Hoe between rows.

Equipment includes a pair of 6 inch hoes, 4 steel cultivator teeth, a pair of plows, leaf lifter **$23.75**



No. 220 Fertilizer Distributor

Here is a wonderful tool for the market gardener. Distributes fertilizer to a maximum width of 30 inches, minimum 4 inches. Distributes fertilizer in middles of three rows 12 to 14 inches apart; side-dresses one side each of two rows up to 36 inches apart (corn in wider rows). Can be used in rows as close as 9 inches; and in rows 42 to 48 inches, side dressing one side at a time. Hopper holds one bushel. Distributes one hundred to two thousand of commercial fertilizer to the acre; quantity regulated by a notched index on right hand handle. **$29.70**



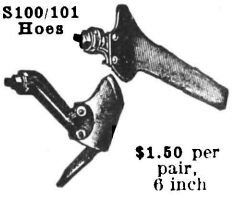
No. 17 Single Wheel Hoe

A great favorite among market gardeners and home gardeners. The equipment includes three cultivator teeth, a pair of 6 inch plows, a large garden plow. Has 15 inch steel drive wheel. It plows, cultivates, hills up plants, opens the furrows for fertilizer, potatoes, beans, etc., and covers them. **$8.50.**

No. 17½—Same, less plow. **$7.45.**

No. 18 —Same less plow and cultivator teeth, **$6.35.**

S100/101 Hoes



$1.50 per pair, 6 inch

No. 1395 Teeth



40c each

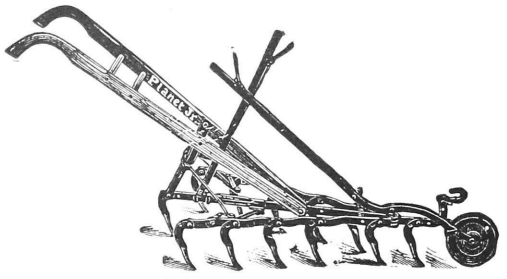
8 in. Onion Harvester



$1.75 each

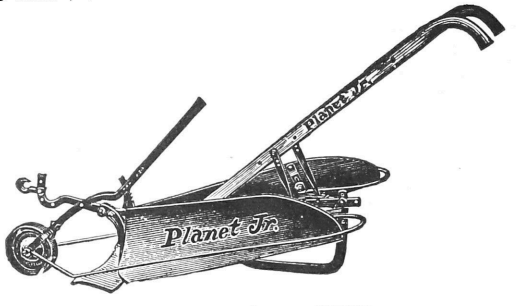
Seeders, Wheel Hoes and Extra Parts, quoted ex-warehouse; customer pays shipping charges.

Harrows Planet Jr. Cultivators



No. 90B 12-Tooth Harrow and Cultivator

This is a valuable tool for truckers, nurserymen, market gardeners and fruit growers, who appreciate clean thorough cultivation. The twelve chisel shape teeth do the finest work; leave the soil with as fine a mulch as if raked by hand. Works rows from 15 inches to 3 feet apart, opens to 32 inches and closes to 12 inches. Expanding lever works easily and quickly. Handles are adjustable. The hand levers regulate both width and depth. Price each **$15.10.**



Double Celery Hiller

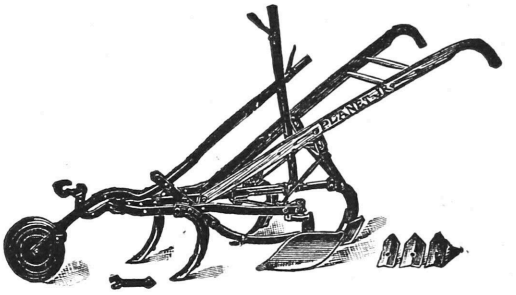
A great time and labor saver in the growing of celery. Change in width quickly and easily made by loosening two bolts. Leaf lifters are adjustable in height to suit the crops and are especially valuable for early working. Hilling blades are 43 inches long, adjustable in width and height as wanted. Works all rows up to 4 feet apart. Price each **$27.50.**

"Iron King" Seeder No. 4

The Iron King Seeder No. 4 is constructed of steel throughout, has fewer parts and is less complicated than any other Seeder. It is practically indestructible and will last ordinary lifetime. The Iron King Seeder is so simple and practical that any child can handle it when once set and ready to operate; it is impossible to make an error. The V-shaped shoe makes it possible to sow all seed in an exact line and at a uniform depth. An even stand of plants is thus assured. Consider how important an item, when cultivating the crops. The expense of cultivation after an Iron King Seeder is only about half the cost of cultivation after planting with any other seeder on the market. This seeder has a fifteen-inch front wheel and thirteen-inch rear wheel, each with two and one-half inch tires. This fact makes a low gear machine and of course because of this fact, the machine operates much more easily than the old style low real wheel type so commonly used in the past. The Iron King Seeder is shipped with two seed plates, one regular iron agitator, one brush agitator for tender seeds, and one star agitator for large seeds. A special feature of this seeder is that the hopper may be easily removed by pushing the eccentric button to one side. This feature makes it simple to empty the seed can without turning the seeder completely over as is necessary with some other seeders. The Iron King has the most practical and simple marker arrangement ever attached to a seeder, one marker for either side, easily raised or lowered by the lever on the handles in one second's time. The drive chain can be tightened by reversing the boxes on the front wheel. This may be necessary after several years. Price each **$15.00.**



IRON KING SEEDER NO. 4



No, 8 Horse Hoe and Cultivator

The No. 8 is built to do a greater variety of work and do it for a longer period of years and has become a great favorite with farmers everywhere. Closes 10 inches and opens to 25 inches. The lever expander combines straight and stiffness with simplicity. The standards are hollow steel, high and round in the throat so that they will not easily clog. Teeth are made of beveled steel, specially hardened. Side standards are the "swivel type" which turn to any position desired. The hillers or plows are reversible and used either pointed or rounded edge most. Wheel lever controls depth, steadies the machine. Handles are adjustable. Equipment includes four 3 x 8 inch cultivator steels, one 4 x 8 inch cultivator steel, two 6 inch hillers, one 7 inch shovel, lever wheel, lever expander and depth regulator. Price each **$17.90.**

Fertilizer Attachment for "Iron King" Seeder

This attachment fits the Iron King Seeder No. 4 and is attached by removing the seed hopper, replacing with fertilizer attachment, and adding sufficient links of chain to proper length. This attachment is built for sowing commercial fertilizer from 400 lbs. to 800 lbs. to the acre, by using either the large or the small sprocket on the upper shaft of the fertilizer attachment. This attachment is assembled with the small sprocket on the shaft and will sow about 800 lbs. to the acre. Price each **$5.25.**

"New Model" Seed Drill

Packed weight, 50 lbs.

A Seed Drill with thirty years' success behind it and 30 more ahead—a "Model" in the truest sense of the word.

Conceded to be, for the Market Gardener, one of the best seeders on the market. The best value in material, durability **and true merit.** Sows in a continuous row—not dropping in **hills. $15.00.**

Arco Sterlastic Glazing Compound

Ease of Application

Arco is a glazing compound composed of asbestos fibre and special long life, weather resisting, non-drying oils, which will always keep it in an elastic condition and never allow it to harden. Little needs to be said about the addition of asbestos as the advantages of using this material—its indestructibility and ability to resist heat and cold—are too well known.

Superior to Putty

Arco remains elastic under any condition—Putty gets hard. When the contraction and expansion take place in your greenhouses **Arco** will give with the sway while putty will crack and even pull away from the bar, allowing the cold air and rain to get through, sending up the amount of your coal consumption.

Advantages of Arco Sterlastic

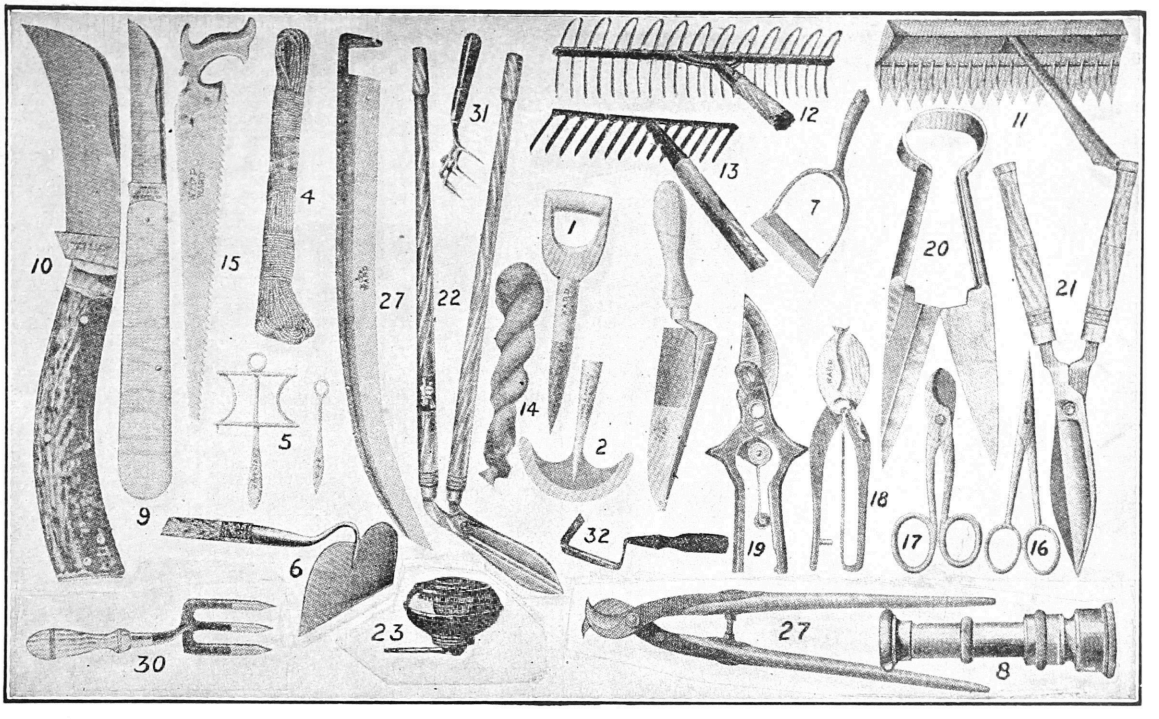
Arco never hardens. The outside, which is exposed to the oxygen of the air, forms a tough film below which the material always remains in its original condition after years of service. **Arco,** due to its elasticity, takes the expansion and contraction of the heat and cold and the vibration due to the wind without difficulty, and saves much broken and lost glass. All our customers advise they were continually forced to replace glass until they used **Arco.**

Price per gallon, **Grey Arco $5.00, 5 gallon lots $4.50 per gallon, natural Arco per gallon $4.50, 5 gallon lots $4.00 per gallon, gun for applying same each $6.50.**

Mastica, for glazing greenhouses, hot-beds, etc. New or old, Elastic, adhesive, easy to apply, does not crack. **Gallon 3.75c.**

Mastica Glazing Machine, $4.00.

Garden and Florist's Requisites



The figures in brackets thus (1) denote the number of article in the Cut.

Bamboo Stakes, green 1½ feet, **doz. 20c, 100** ..... $ .90
2 feet, **doz. 25c, 100** ..... **$1.25** 3 feet, **doz. 30c, 100** 1.75
4 feet, **doz. 40c, 100** **2.00** 5 feet, **doz. 50c, 100** 2.75
Basket Fasteners, per pkt. of 1000 ..... .45
Berry Boxes. 1 quart, per crate of 250 ..... 1.90
Berry Boxes. 1 pint, per crate of 500 ..... 3.50
Birch Brooms (Besoms) for cleaning lawns. (Imported, no handle). **Each** ..... .60
Cyanogas Knapsack Powder Duster. Each 17.50
Dibblers for planting. **Each,** postpaid 1.00
English Bill Hook or Slasher. Short handle 1.75
English Turfing Iron 5.50
English Sod Cutting Spade, each 3.50
Flower Gatherers. Each 1.50
Forks (26) English spading, diamond point. **Each** 3.00
Forks, English spading, chisel point. **Each** 3.00
Fruit Baskets, 6 quart, **per doz. $1.25, per 100** 7.50
Fruit Baskets, 11 quart, **per doz. $1.50, per 100** 8.50
Glazier's Points. Peerless. **Price per box of 1 lb. containing about 1,000, $1.00;** by mail, postpaid 1.20
Grass Edging Knives (2). Crescent shaped, finest steel, 8-inch blade, round edge, with handle 1.75
Grass Hooks (3) Best imported. **Each** ..... .90
Grafting Wax. Postpaid, ¼-lb. 35c, ½-lb. 50c, lb. ..... .85
Garden Lines (4). Of the best material, extra heavy, 30 yards **65c, 60 yards $1.00, 120 yards each,** postpaid 1.50
Garden Reels (5). Iron, plain with stake 1.25
Hoes (7). Dutch Scuffle, English make. **Each, 4 in. 80c; 5 in. 90c; 6 in. 95c, 7 in. $1.00, 8 in.** 1.10
Hoes, Garden (6). **Each 6 in. $1.50,** 7 in. 1.75
Hose, Rubber. In 50 feet lengths only, including coupling; best quality, **per foot, 4-ply, 1 in. 45c, ¾ in. 35c, ½-in.** ..... .30
Hose Nozzle (8). Graduating spray and stream, ¾ in. postpaid .. 1.00
Japanese Bamboo Rakes, for cleaning lawns, etc., light and strong. **Each** ..... .80
Knives. Budding, ivory handled, 204; **each,** postpaid 3.00
Knives (9). Budding, ivory handled, 204B, bolstered. **Each** 3.50
Knives (10). Pruning, staghorn. Each 2.50

Labels. Pot (wooden)—

Plain	By Express per 1000	Post-paid per 100
4 inch	**$2.50**	35c
5 inch	**3.25**	45c
6 inch	**3.80**	55c
Garden Labels 10 inch	**12.00**	1.55

Painted	By Express per 1000	Post-paid per 100
4 inch	**$3.50**	50c
5 inch	**4.00**	60c
6 inch	**4.75**	70c

Tree Labels, copper wired, 3½ in., **per 1000, $3.50; per 100 50c.**

Ideal Hand Weeder No. 32. Each ..... $ .50
Lawn Rake. Aluminum (D.D. make) 3.75
Lawn Rake. Steele, J. D., 15 inch 1.25
Lawn Rake. Steele, J. D., 20 inch 1.50

Moss Sphagnum, per bale 1.60
Mysto Knapsack Powder Distributor (Double action) **Each** 20.00

Pencils. Osman's Garden. **Each,** postpaid ..... .15
Plant Boxes. Round corners, **per 100** 1.25
Powder Bellows (Mysto) No. 9. **Each** 4.00
Powder Bellows (Mysto) No. 10. **Each** 4.50

Rakes (11). Daisy, for cleaning lawns, 22 teeth 5.00
Rakes (13). Garden, steel, with handles, **12 teeth $1.50, 14 teeth $1.60, 16 teeth** 1.75
Crescent Lawn Rakes (12). Does not tear the sod; **24 teeth** 1.25
Roffea (14). The best tying material for plants, etc. Also used for fancy work; postpaid, **1 lb. 65c,** by express at purchaser's expense, **1 lb. 50c, 10 lb. lots** 3.75

Scythe Blades (27). Tyzack's English, **34 inches** 2.50
Scythe Stones. English ..... .30
Saws (15). Heavy, for pruning. **Each** 1.75
Scissors (17). Short and heavy, for pruning, postpaid 1.50
Scissors. Flower Gatherers, Blyth's Patent, silver-plated postpaid 1.50
Scissors (16). Grape Thinning, postpaid 1.75
Secateurs (Aubert's) (18). Highly recommended, postpaid 3.00
Shears Lopping (27). Sheffield make, of heavy construction .. 10.00
Shears (21). Hedge or lawn, best imported 2.50
Shears (22). Border, long handles, 9 in., **$3.00;** with wheel 3.25
Shears (20). Sheep, for trimming grass or edges and around flower beds. English. **Each** 1.25
Shipping Crates, 27 quart size, complete. **Each 40c, doz.** 4.50
Spades (25). English digging. **Each** 3.00
Sprinkler, Scollay's 1.75
Stakes, Dahlia, one inch square, painted green, 4 ft., **doz. $1.50,** 5 feet **$1.75,** 6 feet 2.00

Trowels. English steel, 6 inch **60c,** postpaid 75c; 7 inch 75c, postpaid ..... .90

Trowels. Primrose, solid steel. **Each,** postpaid ..... .60
Tree Pruners (28). Water's, **6 ft. $2.20, 8 ft. $2.50, 10 ft.** 2.65
Extra knives, **each 35c.**

Weeders (30). English. Fork shaped, postpaid 75c. (32) **50c,** postpaid **60c.** (31) Clawshaped, postpaid, **35c,** Dock Spud for lawns 1.00
Wheelbarrows. Light. **Each $7.50,** medium 8.50

Forwarded per mail only where postpaid prices are quoted. All others by Express or Freight at Purchaser's expense. Prices subject to change without notice.

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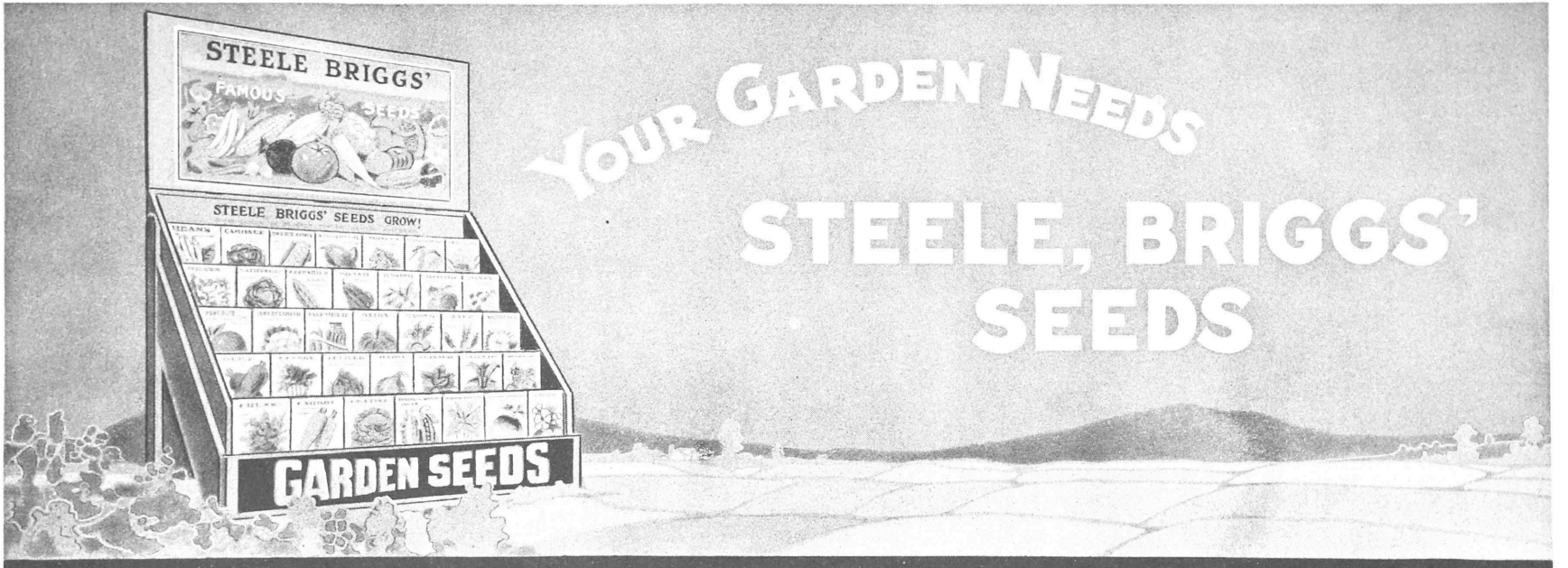
STEELE, BRIGGS' FAMOUS GARDEN SEEDS

PURE, RELIABLE SEEDS OF STRONG GERMINATION

Every packet of the highest quality and backed by the best seed reputation. Results count. Successful growers everywhere plant Steele, Briggs' Seeds, because they know it pays to get the best. Wise seed selection is the first step towards good crops.

Sold by Leading Merchants Throughout Canada



PURCHASERS OF THE D. M. FERRY CANADIAN BUSINESS

Steele, Briggs' Packet Seeds are supplied fresh each season to merchants everywhere in Canada. All stocks are tested for germination before shipment, and year of output stamped on each packet. The standard of excellence in Canada for over fifty years.

The D. M. Ferry Seeds will no longer be offered for sale in Canada, as we have purchased their Canadian business. We trust, however, that customers who have been in the habit of using Ferry's, will purchase Steele, Briggs' seeds. By continuing to adhere to the policy of QUALITY first, we hope to merit continuance of their patronage.

WHENEVER THE NAME STEELE, BRIGGS SEED COMPANY LIMITED *IS ON THE PACKAGE, THE SEED INSIDE IS SURE TO BE GOOD*



TORONTO, HAMILTON, WINNIPEG, REGINA, EDMONTON.