

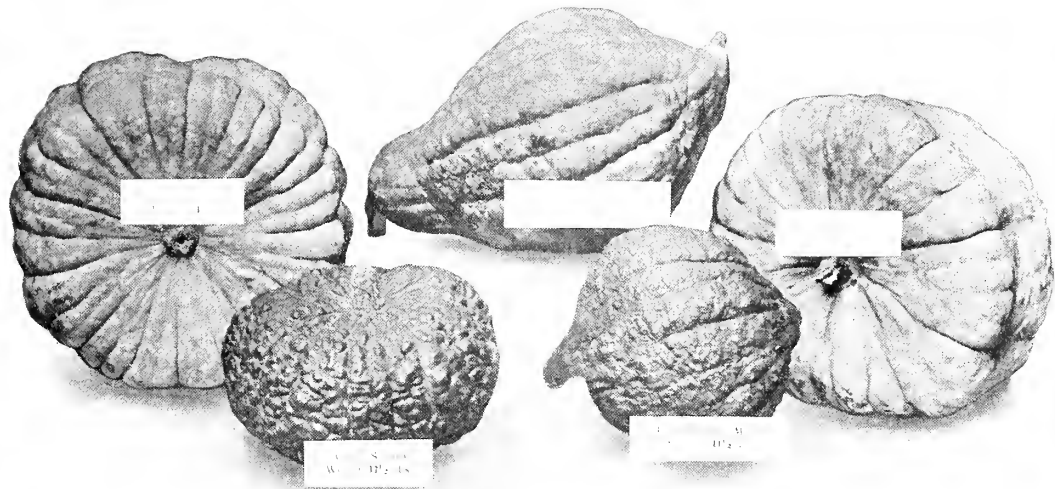
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"VICTORY"



WHEN compiling this catalog during the late summer and early fall of last year, we little thought that the end of the War was so near at hand, although we were sure, as were our young men at the front, that a favorable result was certain, eventually.

That the American farmer and American gardener were largely responsible for the happy outcome of the struggle, we do not think anyone will dispute.

The mighty momentum, increasing as the United States developed its forces of men, money, and provisions, broke the backbone of the foe long before its full weight was felt.

Again, as ever, agriculture proved the very foundation of success, for man cannot work or fight to the best advantage unless he is well fed.

Now, we are going through a reconstruction period. From the nature of things, however, there cannot be much change this spring in conditions surrounding the seed, fertilizer, and implement business, the supplies for which have to be provided for from one to three years in advance. We believe that seeds, generally speaking, are in fair supply, excepting peas, cabbage, cauliflower, clovers and some varieties of flower seed. Although stocks are coming in slowly, it is thought there will not be the delay in execution of orders that caused so much trouble during the past two years. It will be well, however, to get orders in early, for the demand is bound to be great, the value of the home garden having been fully established.

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Per

Pres.

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YOU are cordially invited to visit "Bloemgaard," Marguerite Breck's Dutch Garden. The garden was originally planned to display new and rare varieties of Dutch Bulbs to the best advantage. The idea of it occurred to Mrs. Breck during her residence in Holland.

On her return to this country the grounds were attractively laid out on the border of a pond in our grounds and a thatched Dutch cottage was erected; the whole effect being really charming, as the season advanced and the different varieties came into blossom.

Shortly after the garden was opened to the public, war broke out; it practically cut off the supply of bulbs. Notwithstanding this and the difficulty of getting suitable labor, the garden was kept up with other plants and bulbs, notably gladioli, and tea was served in the cottage and under the trees.

It is expected that the garden will be maintained during the coming season, with the hope that by next fall conditions will have become normal so that the original plan can be carried out and Bloemgaard seen at its best the following spring. The garden is a delightful and restful place in a beautiful setting and you are welcome.

"Bloemgaard" is located on the grounds of the Breck-Robinson Nurseries, Lexington (Munroe Station), Mass., where letters or inquiries may be addressed. Telephone Lexington 260. It may be reached by motor over the Paul Revere route via Massachusetts Avenue, from Boston, through Cambridge. Trains from the North Station for Munroe Station, or any electric car connecting at Harvard Square stop at our entrance.

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NOVELTIES AND SPECIALTIES IN FLOWER SEEDS AND BULBS



BRECK'S GLADIOLI

The past season's growth has resulted in as fine a stock of Lexington-grown bulbs as could be desired. Careful selection from year to year has eliminated varieties that have not proved themselves satisfactory both as to form and color, so that the following lists may be taken as a safe guide in choosing for the home garden. A cordial invitation is extended to our friends to visit our grounds at Lexington during the blooming season (August and September); to those not familiar with these wonderful flowers the striking combinations of color will be a revelation.

Gladioli will succeed in any sunny location; the soil should be reasonably rich, though any soil which will grow potatoes is suitable. The best time for planting is May or June, after the ground becomes warm. Take them up in the Fall after the tops turn brown, and store in a dry place, cool but free from frost.

Additional varieties listed in special catalog.

America. A most charming, soft, delicate pink, tinted lavender. 50c per doz.; \$3.50 per 100.

Annie Wigman. Light yellow slightly suffused with pink; patch of greenish yellow with lines of carmine. 50c per doz.

Attraction. Deep rich crimson, with beautiful white throat. 60c per doz.; \$4.00 per 100.

Augusta. Pure white, blue anthers. 50c per doz.; \$3.50 per 100.

Badenia. One of the most beautiful varieties in existence. Was awarded certificates at both Haarlem and London and won a medal at Chicago. The flowers are very large, finely expanded and many open at one time; color a beautiful true lavender-blue. \$1.25 each; \$12.00 doz.

Baron Hulot. The best blue variety, very large violet blue. 85c per doz.; \$6.00 per 100.

Blue Jay. Blue lavender, splashed with white. \$3.00 per doz.

Brenchleyensis. Vermilion scarlet. 50c per doz.; \$3.00 per 100; \$25.00 per M.

Chicago White. Snow white, with stripe of carmine on lower petals. 75c per doz.; \$5.00 per 100.

Comanche. Vivid scarlet, large spike, tall growing, early flowering variety. \$1.00 per doz.; \$7.00 per 100.

Cardinal King. Bright, cherry-red, of rich tone; large flower. \$1.50 per doz.; \$10.00 per 100.

Clarice. Soft rose pink, flaked with a deeper tint; flowers large, four or five open at one time, spikes straight and strong. \$1.50 per doz.; \$10.00 per 100.

THE DOLLAR COLLECTION

This collection, which met with great favor last season, is not a mixture, but comprises two dozen blooming-size bulbs in four named varieties, sent prepaid to any address for twenty-five cents; choice mixed sent prepaid to any address in United States

\$1.00



Mrs. Frank Pendleton, Jr.

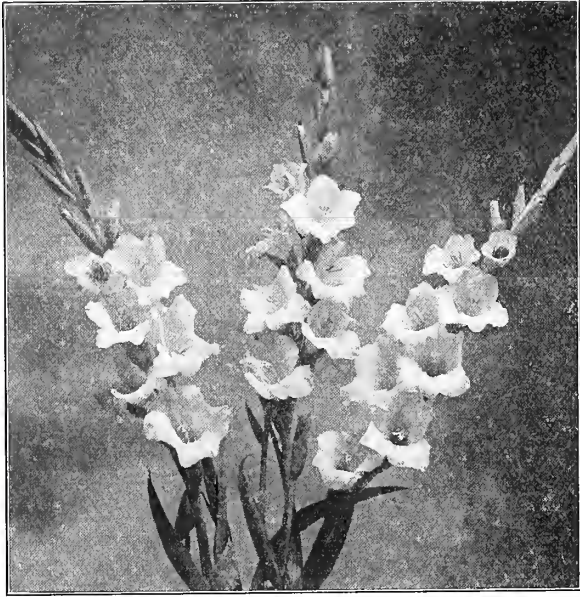
BRECK'S GLADIOLI—Continued

- Daisy Rand.** Soft rose pink, splashed with a darker tone, the lower petals have a blotch of buff. A most beautiful variety. 15c each; \$1.50 per doz.; \$10.00 per 100.
- Dawn.** A most beautiful shell pink, slightly pencilled in the throat, a great favorite as a cut flower. \$2.00 per doz.; \$15.00 per 100.
- Dora Kraus.** Sulphur yellow; large blossom. \$2.00 per doz.
- Easter Bells.** Sulphur yellow; lines of carmine. \$2.50 per doz.
- Elizabeth Kurtz.** Ivory white with pencillings of pink. \$1.50 per doz.
- Empress of India.** Dark maroon; white stripes on lower petals. Buds black. \$1.50 per doz.
- Europa.** Snowy white, the finest pure white variety yet offered. Awarded certificate of merit at London, Berlin and Paris. \$1.50 per doz.; \$10.00 per C.
- Giant Lavender, or Mary Fennell.** Deep lavender, shading to a paler tint, lower petals primrose yellow with penciling of lavender. \$2.00 per doz.; \$15.00 per 100.
- Glory of Holland.** Glistening white. Blossoms large. Stalk tall and strong. \$1.00 per doz.
- Golden King.** Golden yellow; patch of crimson. \$1.00 per doz.; \$7.00 per 100.

- Gretchen Zang.** Soft salmon pink shading to darker patch on lower petals. Blossoms large. Stalk tall. \$3.00 per doz.
- Golden West.** One of the best exhibition varieties on account of the variety of markings, the color being a clear orange scarlet, the lower petals striped and blotched with golden yellow faintly suffused with violet shadings. The individual flowers are of large size and seem to stand out boldly, making it very noticeable among any collection. 15c each; \$1.50 per doz.
- Halley.** Delicate salmon pink predominates with a slight rosy tint, the lower petals bear a creamy blotch with a stripe of red through the centre, the whole producing a delightful effect. 50c per doz.; \$3.00 per 100.
- Harvard.** Rich velvety maroon of enormous size. \$1.50 per doz.; \$10.00 per 100.
- Independence.** Beautiful deep rosy pink, the petals are of a velvety texture and the vigor of the plant enables it to hold its color a long time. It is used extensively for design work. 50c per doz.; \$3.50 per 100.
- Jessie Palmer.** Pure snow white, relieved by a patch of glistening carmine, flowers of medium size and graceful form. 15c each; \$1.50 per doz.; \$10.00 per 100.
- Lily Lehmann.** Glistening white of graceful habit, free blooming. \$1.00 per doz.; \$12.00 per 100.
- Loveliness.** Rich creamy white suffused with soft rose pink; lower petals pale yellow, lines of carmine. One of the finest. \$2.00 per doz.
- May.** White, flaked crimson, a very useful variety. 60c per doz.; \$4.00 per 100.
- Mrs. Francis King (The Original).** A most beautiful flame pink; immense flowers on a spike, growing 4 feet high, with from 18 to 20 flowers, 6 to 8 open at one time. One of the finest varieties in cultivation. 60c per doz.; \$3.50 per 100.



Princesps



Rose Bud

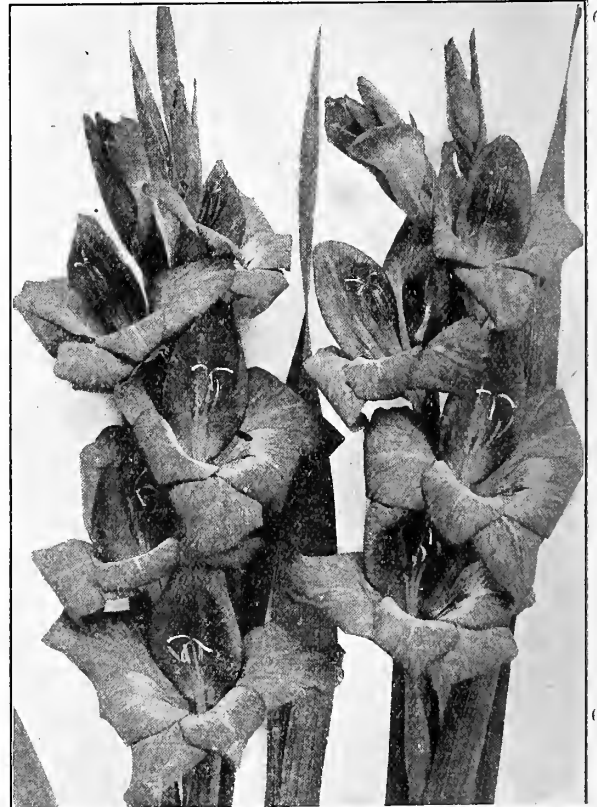
- Mrs. G. W. Moulton.** Rich crimson; faint tracings on lower petals. \$2.00 per doz.
- Mrs. Dr. Norton.** Soft rose pink; lower petal lemon yellow with stippings of carmine. Exceptionally beautiful. \$18.00 per doz.
- Mrs. Frank Pendleton, Jr.** A most beautiful variety, producing large, well expanded flowers of an exquisite shade of salmon pink, heavily blotched with red in the throat. This variety should be in the garden of all lovers of Gladiolus. 10c each; \$1.00 per doz.; \$7.50 per 100.
- Mrs. Malcolm Mackay.** Cherry red with a patch of white on the lower petals; very effective and excellent for cutting. 20c each; \$2.00 per doz.; \$12.00 per 100.
- Mrs. Watt.** Beautiful brilliant wine color. One shade; nice large spikes of well opened flowers; lasting a long time when cut; an excellent variety for decoration purposes. \$1.00 per doz.; \$7.50 per 100.
- Myrtle.** Exquisite soft tone of apple-blossom pink; throat white. Silver Medal by Massachusetts Horticultural Society. \$2.50 per doz.
- Navajo.** Magnificent bright rich red, blossoms large, six or eight opening at one time, spikes straight and tall and of vigorous growth. \$1.50 per doz.; \$10.00 per 100.
- Negerfurst** Dark blood-red, slightly flaked black; an improved Cracker-Jack. A very odd, beautiful color, with long, graceful and robust spikes. One of the choicest dark varieties. \$2.00 per doz.; \$15.00 per 100.
- Niagara.** Color cream, blending at base of petal to a canary yellow, stamens are purple and the stigma pale carmine. \$1.00 per doz.; \$7.50 per 100.
- Panama** (Seedling of America). Long spike, color deeper pink than America, admired by all who have seen it in flower. 75c per doz.; \$5.00 per 100.
- Peace.** Beautiful large pure white, tinted with lilac. \$1.00 per doz.; \$7.50 per 100.
- Pink Beauty.** Beautiful rose pink, very early bloomer. 50c per doz.; \$3.00 per 100.
- Pink Perfection.** Large blooms, fine form, long spikes. Color, apple blossom pink. A very lovely, soft shade. Altogether one of the most popular varieties. 85c per doz.; \$6.00 per 100.
- Premiere.** Creamy white suffused with soft crimson, the lower petals bear a crimson blotch, very early bloomer. 50c per doz.; \$3.00 per 100.
- Primulinus Hybrids.** Seedlings of delicate form and coloring, slender and graceful in growth. Their colors range from pale yellow to light scarlet. 60c per doz.; \$4.00 per 100.
- Princes.** Immense wide open flowers of a bright scarlet, marked with white on lower portions which intensifies the brilliant color. 85c per doz.; \$6.00 per 100.
- Schwaben.** Canary yellow shading to sulphur; stripes of carmine on lower petals. Blossoms large. Stalk tall and straight. \$2.00 per doz.; \$15.00 per 100.
- Shakespeare.** White with pale rose, good forcing variety. \$1.50 per doz.; \$10.00 per 100.
- Spring Song.** Pale primrose yellow, suffused with soft pink. The lower petals with blotch of canary yellow. One of the most beautiful of the new varieties. 10c each; \$1.50 per doz.; \$10.00 per 100.
- Sulphur King.** The finest yellow variety, color clear sulphur yellow, long spike and flowers well arranged. \$3.50 per doz.; \$25.00 per 100.
- Summer Beauty.** Soft salmon pink; patch of lemon yellow pencilled with carmine. A fine sort. \$2.00 per doz.
- The King.** Rich mauve lilac. Very showy. 60c per doz.
- Wm. Falconer.** Has a spike of great length and large clear pink flowers. \$1.50 per doz.; \$10.00 per 100.
- Willy Wigman.** (First-class certificate.) Creamy white, scarlet blotched, extra large bloom. 10c each; \$1.00 per doz.

MIXTURES

- Breck's Exhibition Mixture.** A superb collection, giving a wide range of color of wide open flowers, beautifully marked and including many of the named varieties. Especially selected as to combination and blending of colors, so that they may be used for cut flowers as well as for massing. 50c per doz.; \$3.50 per 100.
- Breck's Garden Mixture.** A good mixture containing almost every shade known in the Gladioli family. 30c per doz.; \$2.00 per 100.
- Groff's Hybrids.** A splendid mixture, flowers of large size, and vigorous growth. 50c per doz.; \$3.50 per 100.

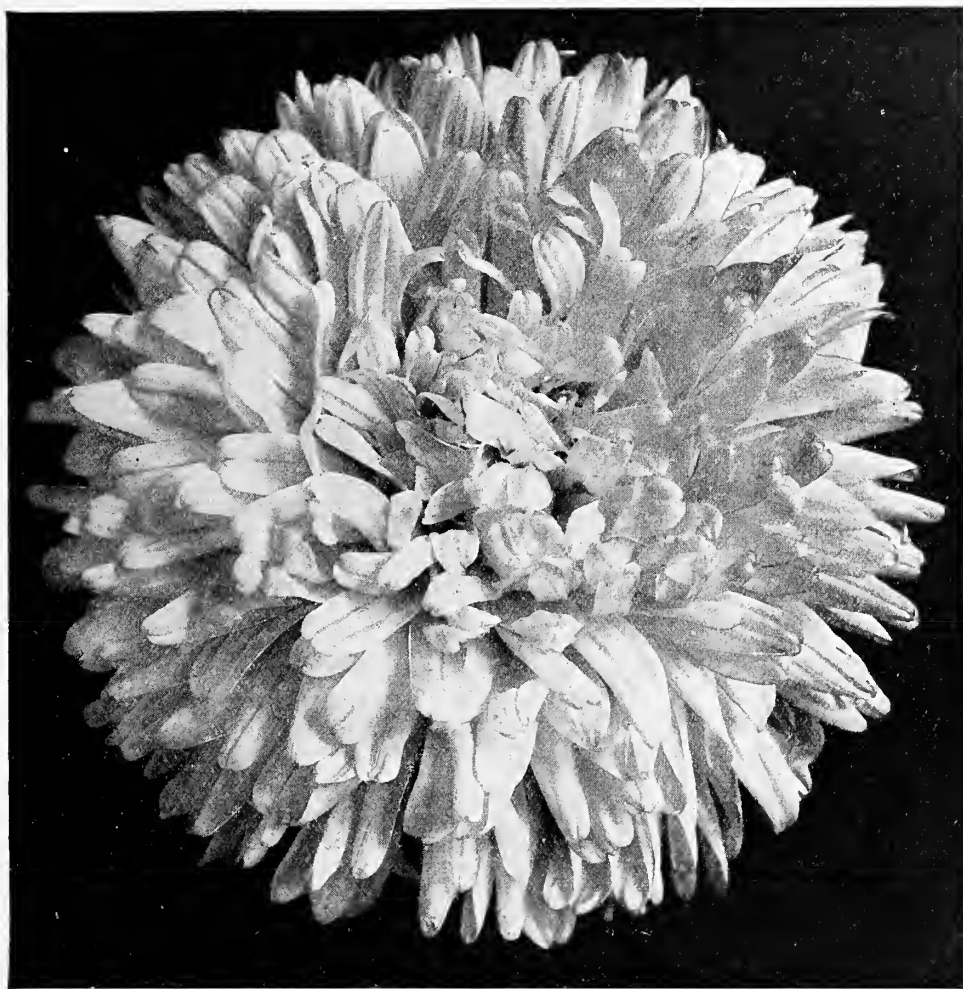
CUT FLOWERS

During the season at prevailing market prices.



Baron Jos. Hulot

See special catalog for additional varieties.



Aster "New Rochester."

Aster "Vick's Perfection"

This is a great improvement on the mid-season varieties, flowers are exquisite in form and the plants are extremely vigorous with unusually broad dark green leaves and stout stems. They carry about twelve large double flowers on long stems free from side branches. When they are in full bloom the flower is strongly whorled with the outer row of petals straight; producing a charming effect.

340. Shell Pink. 341. Lavender. 342. Rose. 343. Crimson. 344. Purple. 345. White. Per pkt., 20c; 2 pkts. 35c.

Aster "Autumn Glory"

346. Color pure shell pink and similar to Semples pink, except that it has a better and more substantial flower. The plant itself is larger and stronger than the Semples variety. Autumn Glory will bloom after other late Asters and before the early Chrysanthemums are ready. 20 cts. pkt.; 2 pkts., 35 cts.

Aster "New Rochester"

The new varieties of this type are more double and more Chrysanthemum-like than those of the original Lavender Pink Rochester. The long narrow petals fall over one another in a charming cascade of color, forming a wonderful shaggy mass that cannot be equalled for richness of effect.

347. Lavender Rochester. A beautiful shade of clear light lavender. Pkt. 20 cts. 2 Pkts. 35 cts.
348. Purple Rochester. Rich shade of deep purple. Pkt. 20 cts. 2 Pkts. 35 cents.
349. Shell Pink Rochester. A beautiful shade. Pkt. 25 cts.. 2 Pkts. 40 cts.

Aster, "Heart of France"

The finest pure red Aster yet introduced. Opens red and deepens with age and retains its beauty to the end. Beautiful in artificial or natural light. Large, full flowers of the branching type and robust habit. The plants bloom early and continue late. 25c per pkt.

Aster "New Triumph Comet"

A magnificent new class of mid-season Asters with extra long stems and large fluffy full double flowers of the finest type. The introducer considers this variety a very great improvement on the Asterum both in size and quality.

364. Pure White. 365. Shell Pink. 366. Lavender Pink. 367. Lavender. 368. Rose. 369. Purple. Per Pkt. 15 cts., 2 Pkts. 25 cts.

Vick's King Asters

This magnificent class of Asters is distinct from all others in the character of the flowers. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance, and last longer when cut than any other class; blooming with our Late Branching, they make a very desirable addition.

| | Pkt. | ¼ oz. |
|---|------|--------|
| 430. Crimson King, dark rich crimson | 15c. | \$1.00 |
| 431. Lavender King, deep lavender | 15c. | 1.00 |
| 432. Pink King, beautiful lavender pink | 15c. | 1.00 |
| 433. Rose King, brilliant deep rose | 10c. | .50 |
| 434. Violet King, rich violet purple | 15c. | .75 |
| 435. White King, pure white | 15c. | 1.00 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Aquilegia**Spurless or Anemone-Flowered**

199. This is a novelty of great merit, especially in the perennial class; it is perfectly hardy and will blossom by Memorial Day. The color is a beautiful light blue. Per pkt. 50 cts.

Aquilegia, Erskine Park Hybrids

219. This strain of Aquilegia originated at Erskine Park, Lenox, Mass., U. S. A., being the result of hybridizing the finest European and American varieties. Seeds sown in greenhouse during February and March will flower the first season, but for best results sow during July and plant in permanent position in the fall. Colors are blue, lavender, mauve, white, yellow, scarlet and pink. Pkt. 15 cts., 4 pkts. 50 cts., ¼ oz. \$1.00.

Calendula, Breck's New Giant Orange

558. This is a very choice strain, grown specially for us. It is quite distinct from any other variety. The color is a very deep orange. The flowers are extra large and are borne on good stout stems. Per pkt. 25 cts.

Cosmos Giant Blush Queen

862. A very large flowered and early variety of quite a new type. The color is a beautiful blush, flaked with a rosy lilac tint, deepening towards the center. The height of the plant is 3 to 4 feet, and the large graceful flowers, borne on long stems, make it an excellent variety for cutting. It is very free flowering. Pkt. 25 cts.

Cyclamen Eileen Low

971. A lovely shade of pink (Rose du Barri), a tone of color which so appeals to those of most æsthetic taste; but the great attraction lies in the distinct blush-white margin and blush-white crest on each petal which, on account of the great contrast, gives an attractiveness found in no other Cyclamen. Price 50 cts. per pkg.

Cyclamen Cherry Ripe (New Bright Red)

972. The brightest red Cyclamen in cultivation, of the most free flowering habit. 50 cts. pkg.

Cyclamen Pink Pearl

973. A very free flowering variety. Lovely pale salmon flowers foliage hard and tessellated, a delightful color either by day or artificial light. One of the finest in cultivation. 50 cts. pkg.

**Cyclamen St. George
The Silver Leaf Cyclamen**

974. A variety with marbled foliage. The flowers are of a pale salmon pink, which contrast well with the foliage. 50 cts. per pkg.

**Delphinium,
Erskine Park Hybrids**

995. These beautiful hybrids originated at Erskine Park, Lenox, Mass., U. S. A., and are the result of crossing the finest varieties of Formosum and Nudicaule, saving seed only from the largest and finest flowers. They are a very early flowering variety and will produce some flowers during fall. In color, they are all the finest delicate shades of blue, in habit very strong and vigorous, and perfectly hardy. Will flower very satisfactorily the first year if sown in greenhouse in March, but will produce finest flowers second year. Seed may be sown in summer out of doors, planting in permanent position in fall. Pkt. 25 cts., 5 pkts. \$1.00, ¼ oz. \$1.50.

Gypsophila Paniculata Fl. Pl.

1390. Seeds offered of this variety produce about 70% double flowering plants, and if the same are sown in January or February, and the seedling transplanted about the middle of April a bright display of bloom can be expected in Autumn. Of course, the effect of an immense quantity of white will be obtained the next year. This is a rare addition to the hardy Perennial and is highly recommended. Pkt. 25 cts.



Delphinium Azure Fairy

Delphinium "Azure Fairy"

998. This is a variety which is the result of several years of careful selection; will be found a useful addition to the annual class of plants. The plants grow to a height of about 12 inches, and are covered with a profusion of Cambridge Blue flowers, which resemble the variety blue Butterfly in habit. Pkt. 25 cts.

**Dimorphotheca Aurantiaca
Hybrida Fl. Pl.**

1109. This is a semi-double and double flowering variety. The colorings of this new variety are rich and varied, those of the single sorts ranging from white to light and dark yellow, and from rose to orange, producing about 60% double flowers. Pkt. 25 cts.

**Gaillardia
Breck's Exhibition Strain**

1252. This is an exceedingly showy, effective strain of perennial Gaillardia, producing large handsome flowers of various colors, including clear golden yellow, brilliant crimson, edged gold, and others banded with gold. Pkt. 25 cts.

Hibiscus Grandiflorus Sunset

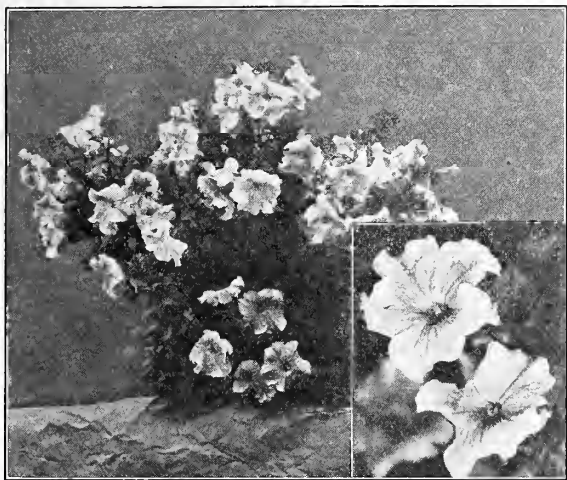
1482. A beautiful greenhouse plant; flower very large, pale yellow, black centre. Flowers 6 inches across. Pkt. 15 cts., oz. \$1.25.

**Hibiscus
New Giant Flowering Marshmallow**

1483. A greatly improved form of marshmallow or rosemallow. The flowers are of enormous size, sometimes measuring 12 inches in diameter. The colors comprise rich dark red, soft mallow pink and pure white. The plants grow from 5 to 8 feet high and bloom from early July until late Autumn. They are perfectly hardy. If seed is sown early the plants will blossom the first year. Pkt. 15 cts.

Lavatera "Splendens Sunset"

1614. For some years a well known firm of seed growers in England has been working to improve the Mallows and Lavatera. They have succeeded in introducing several very beautiful varieties. We consider Lavatera Sunset the best of the lot, the plant growing to a height of from 2 to 2½ feet. An annual; flowers deep rosy crimson, making a most compact and effective bedding plant; also used by many as a cut flower, holding its color and form well for some time after cutting. A great favorite with all flower lovers. Pkt. 25 cts.



Petunia, Erskine Park Belle

Lychnis Arkwrightii

1709. A cross between *Lychnis Chalcedonica* and *Haageana*, resulting in something different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved. Height, 2 to 3 feet, requires no staking; covered with bloom of rich effective colors. Will flower first season if sown early; second year attains perfection. As a summer bedding plant it is admirably adapted and will soon command a leading place. Pkt. 25 cts.

Mignonette

Breck's Pride of the Market

1991. This year we have secured what we believe is the best strain of forcing *Mignonette* ever developed. The seed we offer is grown under glass, and will produce enormous spikes of reddish-green, deliciously fragrant flowers. Pkt. 50 cts.

***New Morning Glory
Double Snow Fairy***

904. This is a magnificent and unique flower. It grows as vigorously as the other varieties. It begins to bloom early and continues freely until frost. The flowers appear like large snow white tassels. Upon examination, however, it will be seen that there is a well formed single white morning glory in the centre, which is completely surrounded by numerous white petals, the whole forming a most unique and beautiful tassel-like blossom. Pkt. 15 cts., \$1.00 oz.

Pansy—Breck's Giant Matchless

3241. An excellent exhibition strain. Flowers are very large, of great substance with a wide range of the richest colors. A variety unsurpassed for frame culture and does equally as well out doors. Pkt. \$1.00.

Pansy—New Early Giant Flowering

(World's Record)

These new Pansies we consider the finest strains yet offered. Sown at the same time as other Pansies they begin to flower five weeks earlier. They are extremely hardy. The blooms are of the finest form and attain a size and brilliancy of color such as we only see in the finest productions of Pansies.

3242. Ice King. Silver white, dark blue eye. Pkt. 25 cts.

3244. Celestial Queen. True heavenly blue. Pkt. 25 cts.

3246. March Beauty. Velvety blue. Pkt. 25 cts.

3248. Winter Sun. Golden yellow, dark eye. Pkt. 25 cts.

3249. World's Record. Choice mixture. Pkt. 25 cts.

***Breck's
Pentstemon Giant Hybrids***

2304. Seeds saved from the largest flowers. Having a wide range of bright colors including rose, pink, lavender, crimson, purple, etc., seeds sown in heat in January or February will bloom the same year. 50 cts. per pkg.

Petunia, Erskine Park Belle

2326. This is a remarkably pretty *Petunia*. Color, deep rose pink. Large flowers, slightly frilled. An excellent variety for bedding or borders. It will blossom the whole summer if seed pods are removed. 25 cts. per pkg., 5 pks. for \$1.00.

***Petunia
Velvety Violet Blue (True)***

2327. This is a great acquisition to the *Petunia* family and should be grown by all lovers of flowers. It is extensively used in Europe for window boxes. This seed is especially grown for us and is true to name and color. It grows about 1 foot high. Pkt. 50 cts.

***Primula Fimbriata Giant
Mauve Queen***

2483. Delicate Mauve, the edge of the petals slightly deeper, with rich green foliage and red stems. The eye of the flower is a greenish yellow, well defined. A strong grower and very free flowering. Pkt. 50 cts.

***Primula Malacoides
New Dwarf***

2488. A great acquisition to the *Malacoides* family, making a very fine pot plant, densely flowered, the individual whorls of flowers in many plants being so close together as almost to resemble a spike of stock; yet not too compact. Color, purplish red, with deep orange eye which shows up distinctly. Awarded certificate of honorable mention by the Massachusetts Horticultural Society, spring of 1917. 50 cts. per pkg.

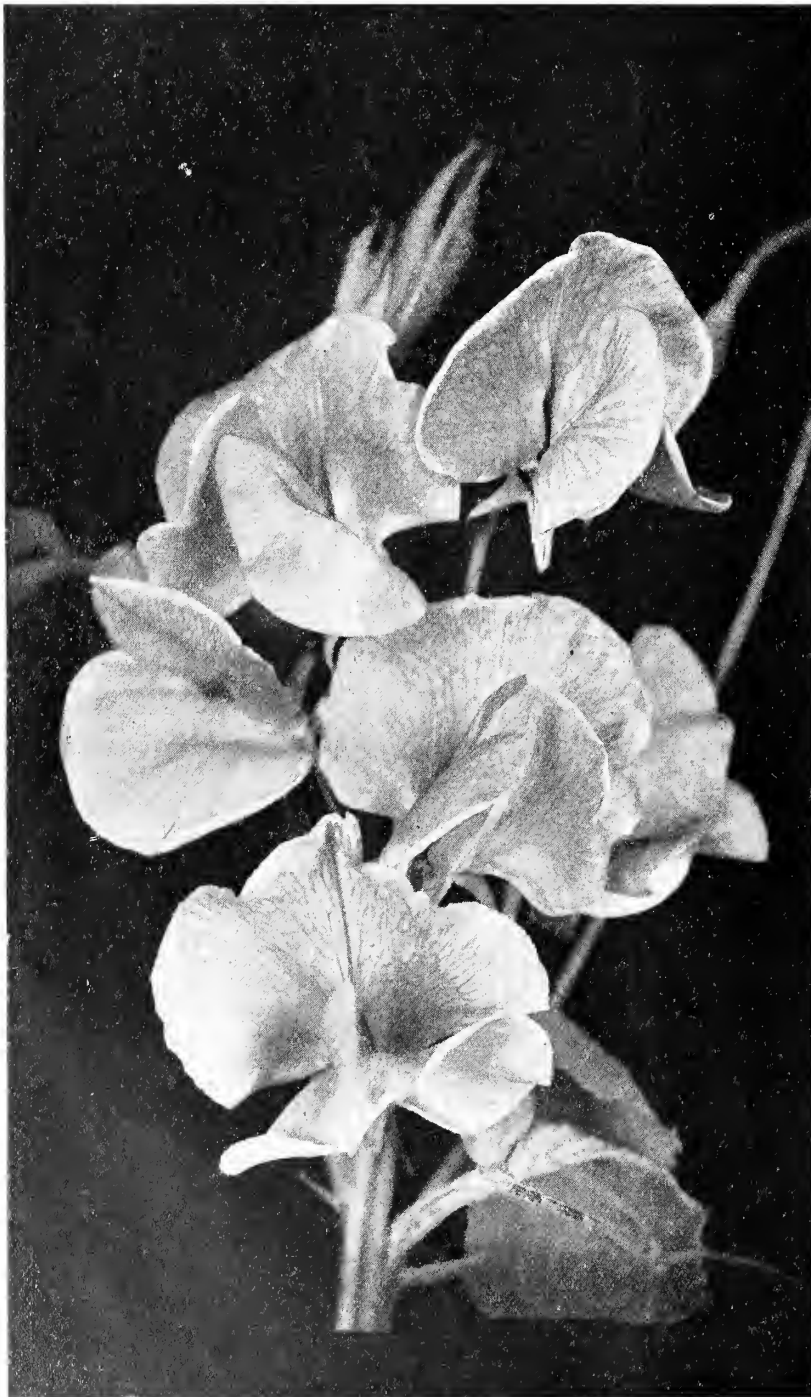


Lavatera "Splendens Sunset"

SWEET PEAS

New Early Flowering Long Season Spencers

The following new varieties of Sweet Peas begin to blossom 106 days after planting the seed in the open ground; six weeks earlier than the late flowering varieties planted at the same time. They usually blossom for four full months.



Morning Star

4070. **Early Spring Maid.** The color is a light pink on cream ground and the blossoms have the same splendid characteristics as "Mrs. Hugh Dickson" for a florist's flower. It is a most effective flower, and like the other Early Flowering Spencers now being offered it carries a great wealth of blossoms borne in fours on long stems.....25c. per pkt.
4071. **Early Melody.** This is a deeper shade of pink than Early Song Bird, on white ground, closely resembling Countess Spencer. It is very free flowering and sure to be a favorite25c. per pkt.
4072. **Early Morning Star.** The color is a deep orange-scarlet or flame color in standard, with rich orange-pink wings. It does not burn badly out in the open and under glass is magnificent. The flowers are large and of the best Spencer form, and borne in threes and fours in wonderful profusion.....25c. per pkt.
4073. **Early Song Bird.** The flower is the same color as Florence Morse Spencer. The placing of the flower is splendid for packing and they are borne on long stems in threes and fours. We think this will be the leading pale pink for florists. 25c. per pkt.
4074. **Early Snow-Flake.** This is the best Early Flowering white-seeded White Spencer we have seen. The blossoms are very large and of the best-waved Spencer form. The flowers are borne in wonderful profusion on long stems. As a market variety it will be in great demand. 25c. per pkt.
4075. **Early Heather Bell.** This will be one of the most popular shades with all florists, as it will be so useful for making up for any occasion. The flowers are very large on long, stout stems. The color is a rich but pleasing mauve. After standing in water the color becomes a beautiful mauve lavender.....25c. per pkt.
4076. **Blanche Ferry Spencer.** Extra early, pink and white, a select strain of this variety. 25c. pkt., or 5 pkts. for \$1.00.
4077. **Mrs. A. A. Skach.** A beautiful, clear light pink. 25c. pkt., or 5 pkts. for \$1.00.
4078. **Mrs. M. M. Spanolin.** Very large, pure white. 25c. pkt., or 5 pkts. for \$1.00.
4079. **Yarrawa.** Bright rose with light wings. (The new pink Australian variety which is a great favorite with all who grow it.) 25c. pkt., or 5 pkts. for \$1.00.

Statice Suworowii Alba

2794. Pure white. New annual variety, dwarf and compact long, graceful sprays. 25c. pkt., 5 pkts. for \$1.00.

Statice Suworowii Rose

2795. Bright rose, very handsome, annual. 25c. pkt., 5 pkts. for \$1.00.

Zinnia, "Achievement"

ELEGANS ROBUSTA GRANDIFLORA

3595. The raising of this beautiful new Zinnia is undoubtedly an "achievement" in the field of horticultural endeavor. It is distinct from all other Zinnias hitherto raised by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form towards the tip, thereby displaying a rich variety of color, mostly of the warmer shades, such as rose, salmon, and lilac, scarlet, and coppery golden yellow. On the reverse side the petals are of a lilac tint, varying from light to dark, and by their singular contour they produce in the flower a rare and beautiful combination of color never before seen amongst Zinnias. 25 cts. pkt., 5 pkts. for \$1.00.

**Schizanthus
Bridal Veil**

2734. Grows about 16 inches high and very compactly formed; is entirely covered with glistening snowy white flowers, which present a striking contrast to the bright green lacinated foliage. As potted plants these cannot be over-estimated, and will surely please the growers with their handsome appearance. Pkt. 25 cts.

Stock, Lenox Giant Double

An extremely fine strain of Stock, greenhouse saved seed, grown in Lenox, Mass. Pink, 25 cts. pkt., \$1.00 1/2 oz. Purple, 25 cts. pkt., \$1.00 1/2 oz. White, 25 cts. pkt., \$1.00 1/2 oz.

Stock, Queen Alexandra Pink

A beautiful shade of clear, bright pink, grown specially for us by a private gardener. 25 cts. pkt., \$1.00 1/2 oz.

**Stock, Empress Augusta Victoria
Giant Pyramidal**

Delicate silvery lilac flowers of great substance. Plants of true pyramidal growth, attaining a height of 24 inches. 1/2 oz. \$1.50; 25c pkt.

**Streptocarpus
Breck's New Giant Mixture**

2929. This strain is specially saved for us in England. Without doubt one of the finest strains of this beautiful plant ever sent out, including the charming varieties raised and shown by Mr. Edwin Beckett, and a fine selection of some of the best hybrids raised from Messrs. Veitch's strain, embracing the newer and rarer shades of red and the clear throated varieties. Pkt. 50 cts.

**Sunflower
Miniature Golden Fleece**

1425. The cactus shaped flowers are of a clear golden yellow, with a dark centre, long stems, excellent for cutting. The height of the plant is 3 to 3 1/2 ft. Pkt. 25 cts.

**Sweet William
Breck's Choice Mixture**

This is a choice selection of the finest doubles, singles and fringed seed saved from the very best plants. Some of the flowers are as large as a rambler rose. The colors are beautiful. Price 15c pkt.; \$1.00 oz.

**Tithonia Speciosa Vermilion
(Heliantha Speciosa)**

2999. A fine plant for the border or massed effects, flowering continuously for a long period. Flowers Vermilion, about 5 inches in diameter, under petals bright yellow. Pkt., 25 cts.

**Verbena Hybrida, Compacta
Salmon Queen**

3198. After careful experiments we have at last been successful in raising this strikingly beautiful novelty. The plant is dwarf and compact and literally smothered with salmon-colored flowers. For borders and low groups, this variety is unsurpassed. Pkt., 25 cts.

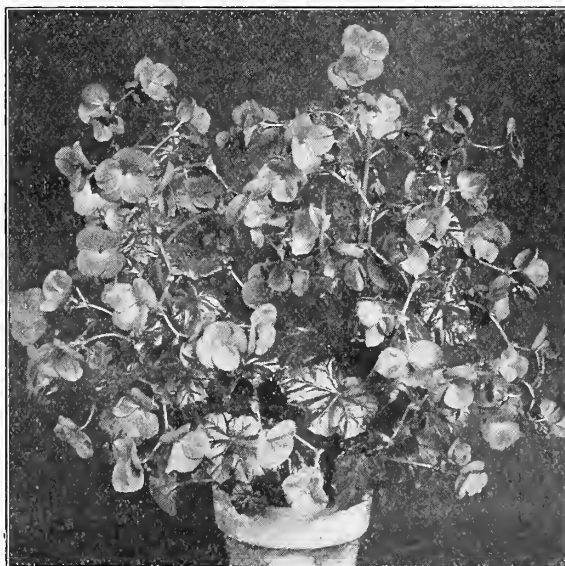
**Verbena
Grandiflora, Helen Willmott**

3199. This variety of Verbena is without doubt the very finest under cultivation and is unequalled for bedding. The flowers are very large and the color is a beautiful bright salmon rose with white eye. Pkt. 25 cts.

Begonias, Winter Flowering

For the greenhouse or conservatory they are unsurpassed in brilliancy of color and effect. The demand for these beautiful plants is greater every year. All who have seen them cannot help but admire them. We have been successful this year in having our plants grown for us locally which we consider a great advantage to having to import them from England in a dormant state. We will have nice strong plants in 3 inch pots ready for delivery about May 1st. Price \$1.25 each.

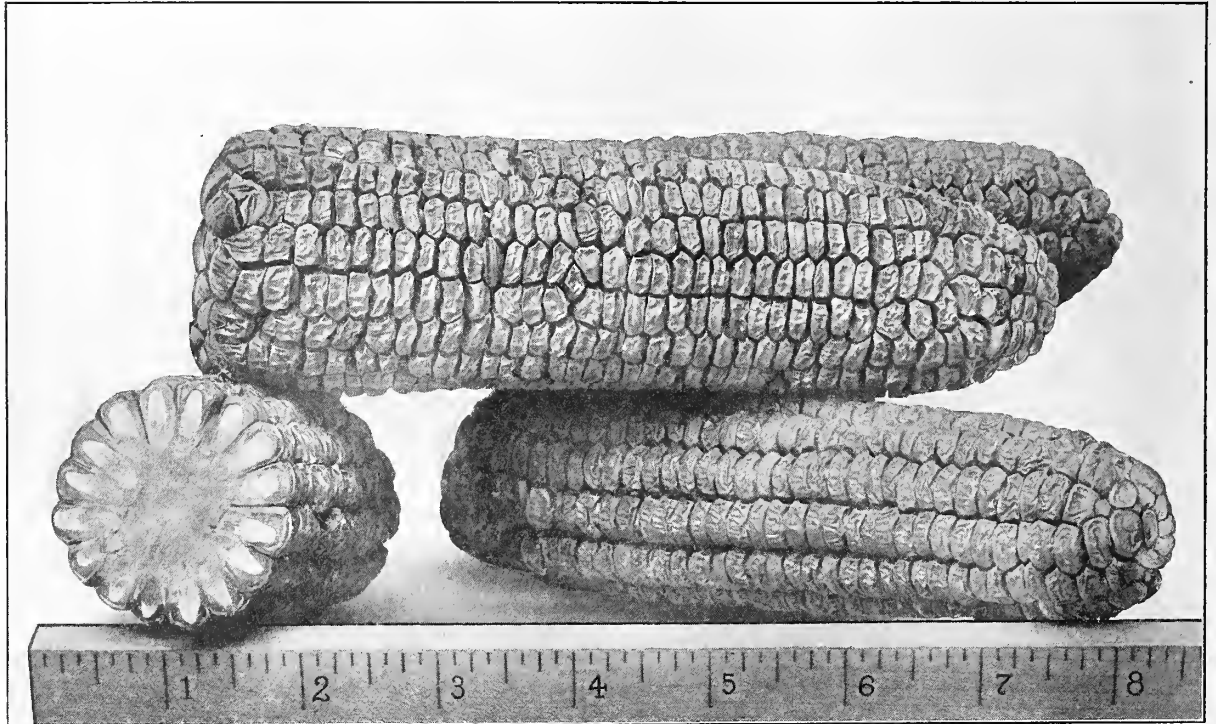
| | | |
|--------------------|------|--------|
| Aurea | each | \$1.25 |
| Ensign | " | 1.25 |
| Masterpiece | " | 1.25 |
| Mrs. Heal | " | 1.25 |
| Optima | " | 1.25 |
| Winter Cheer | " | 1.25 |
| Rosalind | " | 1.25 |



Begonia, Mrs. Heal

— 1919 —

NOVELTIES AND VEGETABLE SEEDS OF SPECIAL MERIT



DE LUE'S GOLDEN GIANT SWEET CORN

(GROWN FOR JOSEPH BRECK & SONS BY ELLIOTT C. ROGERS.)

In sealed packages containing sufficient seed for 20 hills or 50 feet of drill. 50c pkg. Postpaid.

GOLDEN GIANT, the most desirable sweet corn on the market today. Awarded a Silver Medal by the Massachusetts Horticultural Society. Golden Giant is the result of eleven years' selection by Dr. F. S. DeLue, Boston, Mass., from the product of Howling Mob crossed with Golden Bantam. Golden Giant, with its 12 to 16 rowed ears and deep golden yellow kernels, gives nearly four times the yield per acre that the Golden Bantam does with its smaller 8 rowed ears. The stalks of Golden Giant are short, sturdy, and frequently produce two ears. Repeated tests have demonstrated that from 48 to 54 ears fill a bushel box. Market gardeners have secured during the season of 1918 marketable corn in 65 days and a premium of 50c bushel box on the Boston Market over price secured for other yellow varieties. Corn offered this year has been carefully grown in eastern Massachusetts; given the most expert care throughout the season. The result has been a limited crop of excellent quality, high germination, now ready for immediate distribution in sealed packages at 50 CENTS EACH POSTPAID, containing sufficient corn for 20 HILLS or 50 FEET of drill. We believe the results obtained from Golden Giant will be most appreciated by reading the following reports sent us by farmers and gardeners who planted the corn during the seasons of 1917 and 1918.

SUNSET HILL FARM Annisquam, Massachusetts

Aug. 29, 1918.

JOSEPH BRECK & SONS, CORP., Boston, Mass.

Gentlemen:—You may be interested to know how the GOLDEN GIANT SWEET CORN that I purchased of you is coming on. The corn was planted June first in hills 3 x 3 feet apart. The best fertilization and cultivation has been given it and a perfect stand has resulted. The stalks are eared out well; a great many of them have two large marketable ears. You of course are familiar with the size of the ear, but I think it may be safely said that even the medium sized ears are at least twice the size of the Golden Bantam and the quality equally as good. The present crop is at this date ready for the first picking.

For the market gardeners this corn will be of great value inasmuch as four dozen of the good sized ears will fill a bushel box.

The field was inspected this week by County Agricultural Agent Gaskill of Essex County and he pronounced it a beautiful stand of corn. He was especially interested in the size of the ears. We discussed fully the growing of this corn by market gardeners and both agreed that it would be a very valuable addition to their crops. Mr. Gaskill has very kindly agreed to assist me in the selection of seed for next year's crop.

Yours very truly,

ELLIOTT C. ROGERS,

Former Emergency District Administration Agent and
Asst. Agent at large for Essex and Middlesex Counties
for the U. S. Dept. of Agriculture and Mass. Agric. College.

DE LUE'S GOLDEN GIANT



Selecting the 1918 crop of GOLDEN GIANT SWEET CORN Two ears to the stalk, showing large ears and small stalk

Equitable Bldg., Boston, Mass.

January 11, 1919.

Joseph Breck & Sons, Corp., Boston, Massachusetts.

Gentlemen: Since boyhood I have experimented with sweet corn, breeding, crossing and inbreeding; hence I recognized at once the superior merits of DE LUE'S GOLDEN GIANT. Starting with a small purchase from you I have for several years raised Golden Giant and will this year plant two acres. I find that it not only breeds true to type, but that it almost uniformly has two ears to the stalk that are triple the size and as sweet as Golden Bantam. It responds excellently to fertilization; does not run to excessive, soft, pulpy cobs with loose irregular kernels. I obtained the additional seed just purchased for two reasons; first, to prevent the too close inbreeding of my own seed, and second, and more important, the seed you have this year is even better and more promising than that which you at first offered.

BANCROFT ABBOT.

Dr. S. A. Saunderson
Grand Forks, N. Dak.

Sept. 17, 1917.

Joseph Breck & Sons, Boston, Mass.

Gentlemen: We are highly pleased with the GOLDEN GIANT SWEET CORN. The summer was very unfavorable to corn production, cold and dry at the beginning of the season, frost every month but July; but even so there were some results and we've had several helpings from our one hundred kernels of GOLDEN GIANT; and there were some fine big ears, one, seven and one-half inches around and one nine and one-half inches long that we measured just at random. There is no discount on the quality either, we think it is great. Hope we will have some seed for next year.

MRS. S. A. SAUNDERSON.

Dr. Geo. A. Wyeth
59 West 54th Street, New York City, N. Y.

Aug. 29, 1917.

Joseph Breck & Sons, 51 North Market St., Boston, Mass.

Gentlemen: It gives me great pleasure to tell you that the corn supplied by you has been a great success.

Sincerely yours,

DR. GEO. A. WYETH.

"GOLDEN GIANT is doing finely. Some of the stalks have three ears and most of them two ears. It seems to be as early as the Yellow Bantam and as sweet and tender."—Henderson, Colorado.

"The corn is fine. Never ate any better."—Pioneer, Ohio.

"The corn is more than satisfactory to me."—Danville, Ill.

"The corn has been a great success."—New York, N. Y.

"The best ever; much superior to Golden Bantam."—Muncie, Ind.

"Remarkably good quality—very sweet."—Canajoharie, N. Y.

"The GOLDEN GIANT proved very satisfactory."—Springfield, Ohio.

"What we did have was very fine and encourages us to make another try."—Sewanee, Tenn.

"Ears are well formed, quite large, and the variety very promising."—Rupert, Idaho.

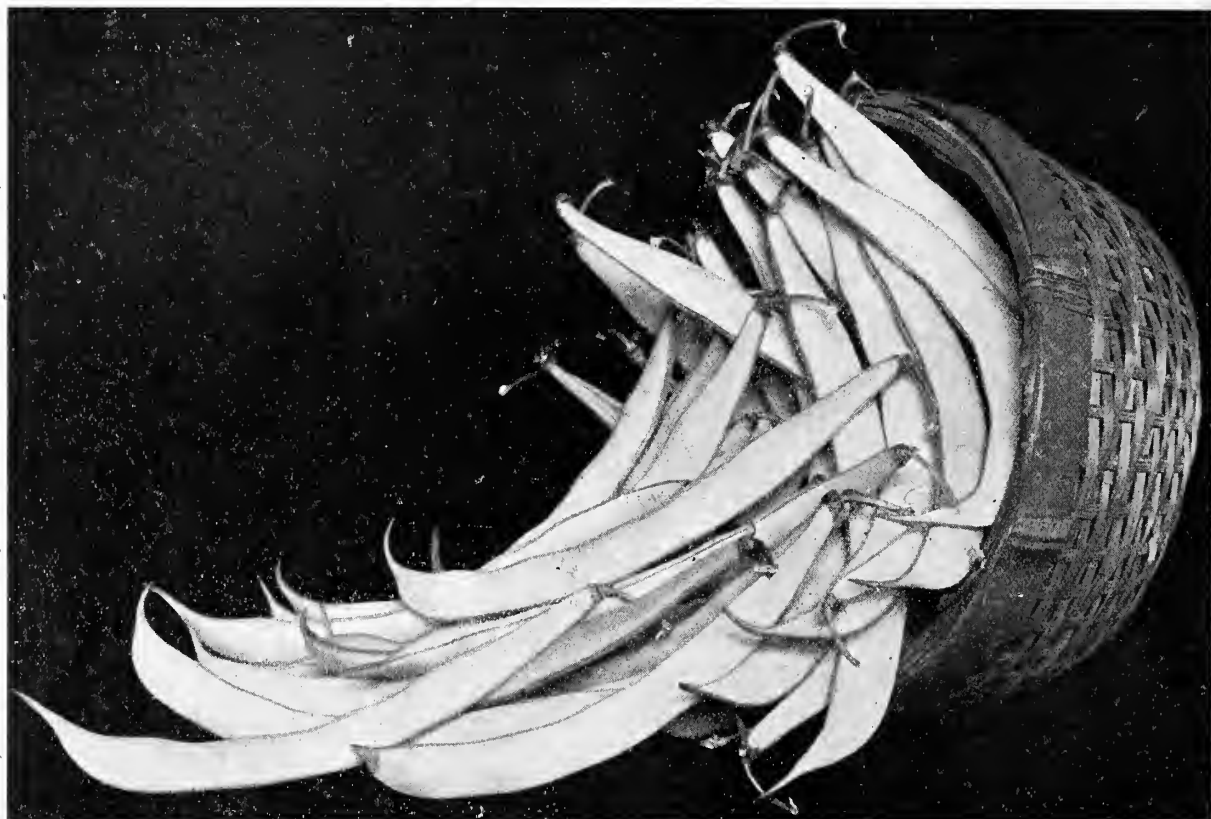
"A genuine acquisition and it is a crackerjack."—Ulmer, Iowa.

"We were very much pleased."—Buena Vista, Va.

"The results have been very satisfactory. Your corn produces larger ears, is a first-class product."—Taylorsville, Ill.

BRECK'S FORCING WHITE SPINE CUCUMBER (BELLEVILLE STRAIN)

This Cucumber came originally from a cross of the English Forcing variety Telegraph and a good strain of hot-house White Spine resulting in a much better Cucumber for length and color than the common forcing stock. The Spine markings are very distinct. The vines are of strong, vigorous growth, bearing a quantity of Cucumbers of uniform size and of fine color. We have our seed grown for us by Messrs. Belleville & Waite, South Chelmsford, Mass., from selected cucumbers. Price, 50c pkg.; \$2.50 oz.; \$6.00 ¼ lb.



Breck's Crackerjack Wax Bush Bean

BRECK'S CRACKERJACK WAX BUSH BEAN

An extra early, hardy and prolific variety. Very popular with the market gardener in southern New England, also in the middle West, where in some sections it has taken the place of Wardwell's Wax. It resembles Wardwell's Wax but the bean pods are rounder and more fleshy, color bright golden yellow. An excellent bean and highly recommended by all those who have given it a good trial. Pkt., 25 cts. postpaid. Per lb., 40 cts.; 2 lbs., 75 cts.; 8 lbs., \$2.50.

MASTERPIECE STRINGLESS BUSH BEAN

An extremely prolific, quick-growing variety. The plants are unusually strong and bear long, straight, fleshy pods which are tender and delicious as well as handsome. A fine variety for exhibition and for those who demand quality. Sold only in 4 oz. sealed packages at 50 cts. each, postpaid.

SUPERLATIVE BUSH BEAN

A truly remarkable dwarf stringless bean of French origin which is thoroughly acclimated in New England. It is a heavy cropper, fine for the open ground or for forcing. That the plants are robust and long standing is easily seen because their foliage remains green when ordinary varieties planted at the same time are all done. Second to none in quality or flavor, the pods are exceedingly large and long. Sold only in 4 oz. sealed packages at 50 cts. each, postpaid.

NEW ITALIAN POLE BEAN

Introduced by our Italian gardeners. A green podded, pole string bean, slightly streaked with purple. An enormous and continuous cropper. Beans of excellent flavor and quality, absolutely stringless, remaining in good condition on the poles ten days or more. We have selected a few of the most promising varieties from a large number. Price per packet, 50 cts. postpaid. Seed sufficient for twelve poles.

BRECK'S EASY BLANCHING CELERY

A variety very popular in the South and Southwest. Will bleach as quickly as White Plume or Golden Self Blanching. Almost blight proof, quality excellent, fairly good winter variety if stored quite green. Price, 10 cts. pkg.; 75 cts. oz.; ¼ lb., \$2.50.

**Breck's Market Garden
Danver's Half-Long Carrot**

Our market garden seed is the choicest stock from a most carefully developed strain of this popular variety. The rich, deep orange roots, averaging from six to eight inches in length, taper gradually to a blunt point and are exceptionally smooth and handsome; their crisp, tender flesh is of fine flavor. Being of medium length, the roots are easy to dig. This variety adapts itself readily to all types of soil and is enormously productive.

Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00

Copenhagen Market Cabbage

The only large, round-headed Cabbage which is really early; it matures positively as soon as Charleston Wakefield. The short-stemmed, compact, yet vigorous plants, have few outer leaves and may be grown close together, insuring very large yields. Heads of this variety are unusually solid, often weighing ten pounds each; they mature all at the same time and are of excellent quality. Commercial and private growers alike agree that in its class Copenhagen Market Cabbage is supreme.

Pkt. 15 cts., ½ oz. 60 cts., 1 oz. \$1.00, ¼ lb. \$3.75

Honey Dew Musk Melon

A large, light-colored, smooth-skinned melon having a rather unusual shape and appearance. The fruits often weigh from 8 to 10 lbs. each and have a thick, light green flesh. Delicious honey-like flavor.

Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50

Breck's Balshire Tomato

This variety resulted from crossing Balch's Fillbasket and Lister's Prolific. It is far superior to the latter parent in that it is a heavier cropper, of better shape, and shows less tendency to crack. In a recent trial under glass some of the plants carried at least 40 lbs. of fruit. We recommend it strongly either for forcing or for out-door culture.

Pkt. 25 cts.

Lister's Prolific Tomato

A variety of recent introduction and now very popular about Boston especially where a medium size tomato is desired. The color is rich scarlet, tomato is medium size, solid, fruit borne in large clusters.

Pkt. 25 cts. Per oz. 60 cts.

Hubert's Marvel Tomato

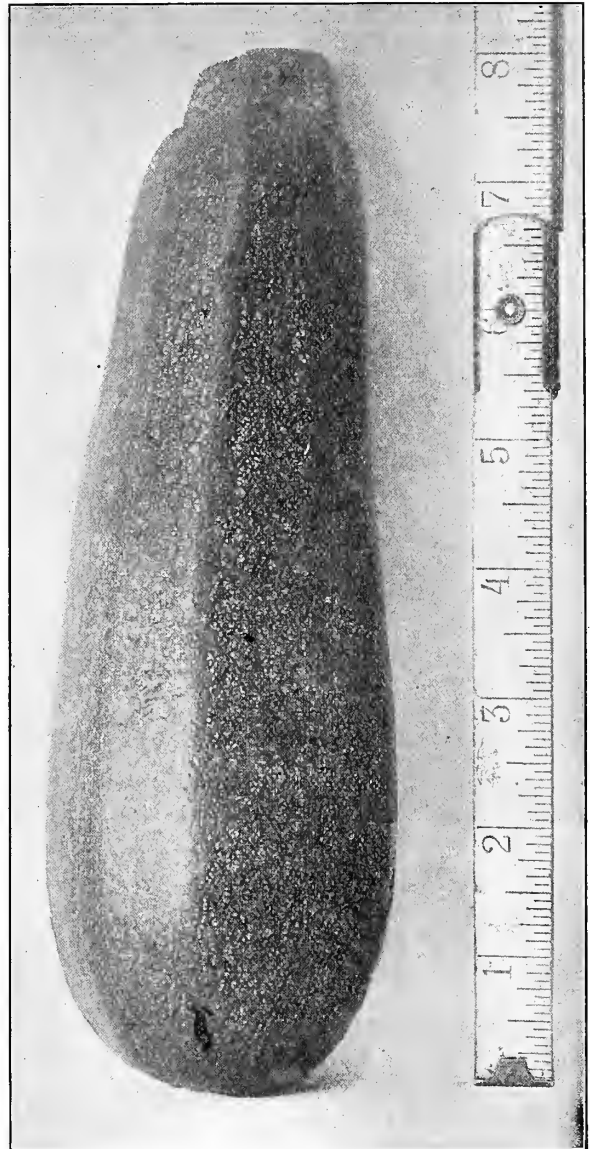
Fruit medium size, almost round, solid, borne in clusters, of English introduction, recommended for either forcing under glass or outdoor cultivation.

Pkt. 15 cts. Per oz. 60 cts.

John Baer Tomato

A most profitable variety for the market gardener. It has been grown in New England for several years with great success and profit. The fruit of the John Baer is nearly round, color, clear scarlet and of large size for an early tomato, flesh smooth and firm. Fruit stands shipping well. The vines are hardy, productive and continue to bear fruit for a long period.

Pkt. 15 cts., oz. 60 cts., ¼ lb. \$1.50



Boston Greek Squash

Boston Greek Squash

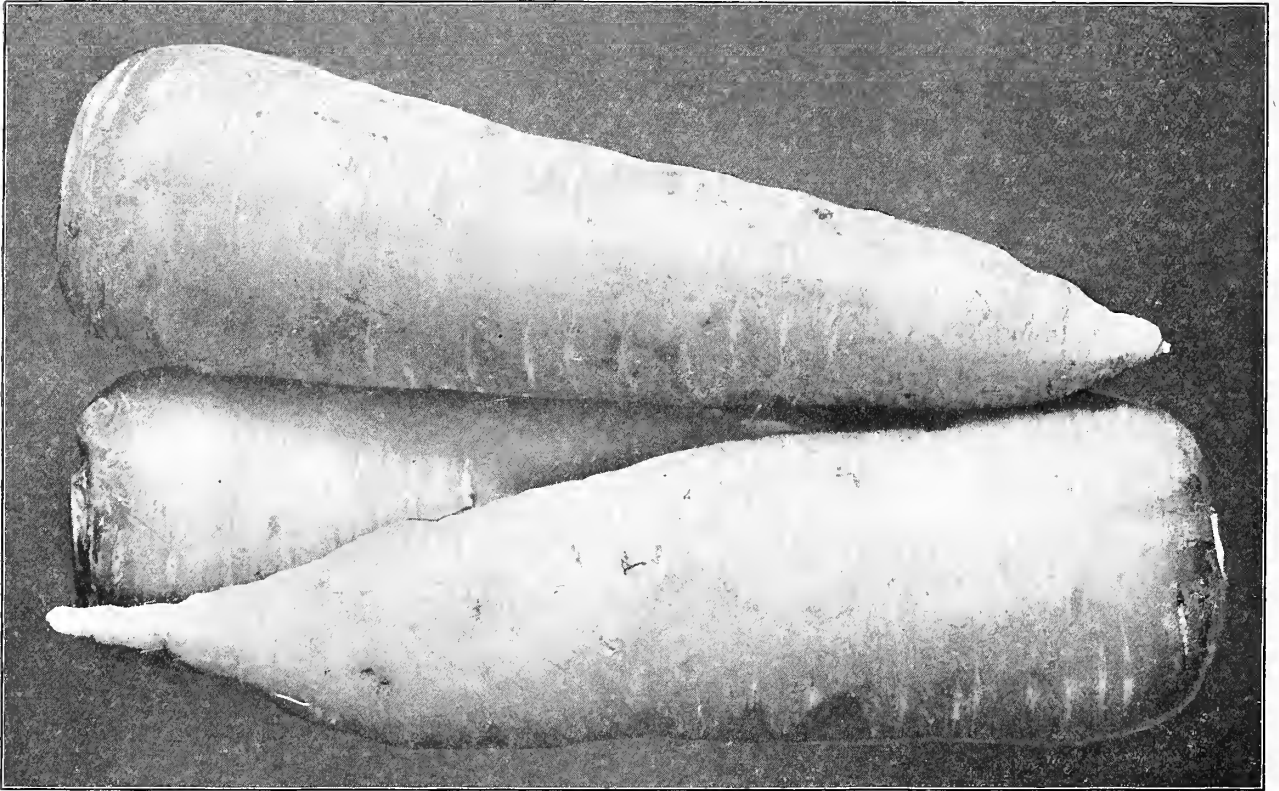
A very desirable summer Bush Squash introduced by our friends from Southern Europe. The fruits are oblong and average about 12 in. in length; color dark green, often striped or mottled with lighter green or yellow. They may be prepared for the table in the same way as any Summer Squash, but are most delicious and palatable when sliced and fried like Egg Plant. Picked when about 8 in. in length and cooked as described above, the Greeks and Italians esteem it a great delicacy. The best size for the Boston market is a squash 7 or 8 in. long.

Pkt. 10 cts. oz. 75 cts., ¼ lb. \$2.50

Blue Hubbard Squash

A popular winter squash, hard shell, medium size, thick meat, dry, excellent quality. One of the best winter squashes. Our stock grown from selected squashes, in Eastern Massachusetts.

Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.50



BRECK'S MARKET GARDEN DANVERS HALF LONG CARROT
(For description see page 17)

BRECK'S MONDAMIN CORN

This is a variety particularly adapted to New England conditions, since it will ripen in an average season within 100 days after planting. Although we have offered Breck's Mondamin Corn for some ten years, the demand for seed far exceeds the supply.

Breck's Mondamin is an eight-rowed yellow flint Corn. The kernels are large, and the ears, many of which reach a length of 15 inches, are filled to the very tips. The stalks are firm and solid, averaging about nine feet in height. It has been definitely established that this Corn, which produces 18 to 20 tons of fodder per acre, yields greater food value than some of the mammoth dent varieties which produce 25 to 28 tons per acre. This greater concentration of nutriment is an important factor in maintaining the efficiency of the silo. Our stock has been grown from selected ears, in Massachusetts, about thirty miles north of Boston.

Qt., 25 cts.; pk., \$1.75; bu., \$6.00.

PILOT PEA

An extra early, round-seeded or smooth Pea. Can be planted as soon as ground can be worked. Pods as large as the Gradus, very prolific, highly recommended as an extra early market sort.

Pkt., 15 cts.; 1 lb., 35 cts.; 2 lbs., 65 cts.; 8 lbs., \$4.00.

PIONEER PEA

An improvement on the popular Laxtonian. Vines about 20 inches high, color light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian.

Pkt., 15 cts.; 1 lb., 35 cts.; 2 lbs., 65 cts.; 8 lbs., \$4.00.

QUITE CONTENT PEA

Considered the latest maturing variety in cultivation. Quite Content was of English origin and known in England as the Giant Podded Main Crop Marrowfat. The pods are larger and longer than any other sort, but closely resembling Alderman in general appearance. Of good quality, prolific, rank growth of vine requiring plenty of room for best development. Pods are usually borne in pairs.

Pkt., 15 cts.; 1 lb., 35 cts.; 2 lbs., 65 cts.; 8 lbs., \$4.00.

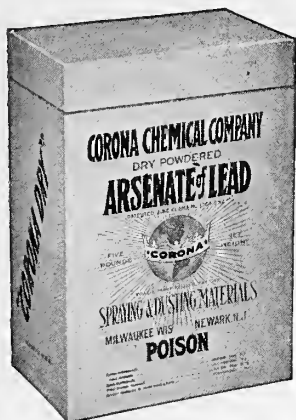
"CORONA DRY" Arsenate of Lead

The "Standard" for Convenience, Economy, Efficiency

For Applications with Water on Fruit Trees, Potatoes, etc.

Largest and Most Progressive Growers have Rendered the Verdict

The ease with which Corona mixes in water makes preparing for the spraying application a simple as well as accurate operation. It is unnecessary to make a paste of Corona and pass it through a strainer to know that the lumps are thoroughly broken up. Experience has shown that it is only necessary to shake the proportional amount of Corona into the spray tank and the agitator will quickly make an even and smooth mixture. For example—in spraying for codling moth, fill the spray tank with 50 gallons of water; weigh out one pound of "Corona Dry" and shake it into the tank; a short period of agitation will give a thorough mixture ready to apply on the trees. A measure sufficient to hold the proportional amount of Corona to the water in the tank will do away with the weighing each time.



It is distinctive for quick poisoning—even application and great adhesiveness.

Its purity and unusual chemical activeness give it highest poisoning power.

Its fineness of subdivision and great suspension properties not only make "Corona Dry" cover more thoroughly, but cause it to adhere to the foliage longer.

One pound of "Corona Dry" will do the work of three pounds of paste and do it better.

It can be kept indefinitely—will not freeze, dry out, cake or lose its strength.

"Corona Dry" contains no water, therefore there is no shrinkage, seepage or evaporation.

It is pure, containing nothing but Lead Oxide and Arsenic Oxide. Every package contains full net weight.

BEST FOR POTATO BUGS

Superior to Paris Green because it covers the plant much more thoroughly. You can do the work twice as fast. It gets under the leaves better and kills the hidden bugs. Rain does not wash it off easily. "Corona Dry" is applied in dry dust form with a Hand Duster. The work can be done at any time of day. Keep it on hand. Will not lose strength. Absolutely safe to use.

"Corona Dry" kills Corn Ear Worms, Currant Worms and dozens of other pests.

PRICES

½ lb. Package 30 cts. 1 lb. Package 55 cts. 5 lb. Package 50 cts. per lb. 10 lb. Package 45 cts. per lb.
25 lb. Drum 44 cts. per lb. 50 lb. Drum 43 cts. per lb. 100 lb. Drum 42 cts. per lb. 200 lb. Drum 40 cts. per lb.

Practical Hints on Spraying

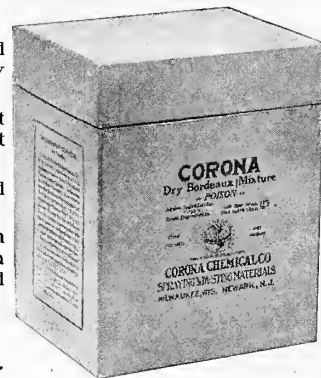
Timeliness and thoroughness are the watchwords of success. Every leaf and every fruit should be covered all over. A tree or vine cannot be covered by spraying from one side only.

Use nozzles with small discs so that the spray will issue in a fine mist and float through the foliage. There is no evidence that a coarse driving spray applied at very high pressure is more effective than a mist spray.

Always clean out the spray tank, hose and nozzle after using. Drain the tank and wash out all parts with clean water.

Do not spray by the calendar. Insects and diseases vary with the season. Watch the development of the plants and make applications accordingly, always bearing in mind that new leaves have no spray material on them and may be destroyed at any time.

A little spraying is a dangerous thing—bugs work all summer and so must men.



CORONA BORDEAUX MIXTURE—DRY

Corona Bordeaux Mixture Dry is the result of extensive experiments to retain the values of the freshly prepared substance to the fullest extent. Although we do not claim for our product the full fungicidal and stimulating values of a freshly prepared mixture, you will note, in comparing our product with other proprietary bordeaux, that we have retained more of the intense greenish-blue color of the freshly prepared mixture, and its practical use in the field has proven that we have been very successful in preserving the fungicidal and stimulating values as well. In general, it will be found to be very satisfactory, much more so than any prepared dry bordeaux ever before manufactured and can be substituted in our regular schedule as noted above.

PRICES

½ lb. Package 25 cts. each 1 lb. Package 40 cts. per lb. 5 lb. Package 35 cts. per lb. 10 lb. Package 30 cts. per lb.

Dusting

The direct application of fungicide and insecticide in the powder form is becoming popular in some sections. "Corona Dry" is peculiarly adapted to this method of treatment on account of its extreme fineness. It is very significant that "Corona Dry" has been employed by experimentalists in practically all dusting experiments to date.

The Corona Garden Guide

A Pocket Companion and ready reference book for every Gardener. 10 cents per copy.

For Prices on Corona Tobacco Dust and Dusting Sulphur refer to Page 127

ENRICH YOUR SOIL AND KEEP IT RICH

To Insure a Stand, Enrich Your Soil, Increase the Yield, Always Treat Your
CLOVERS, ALFALFA, PEAS, BEANS, VETCH, SOJA BEANS, COW PEAS, FIELD PEAS, SWEET PEAS AND
ALL LEGUMES



Inoculation of Legume Seeds with Farmogerm

Is a simple process; no fuss, no bother. Just moisten the seed with FARMOGERM, pure cultures, allow them to dry, and plant. Seeds for 20 acres can be treated in a few minutes and the results will surprise you. In order to obtain the maximum yield Legume (or pod bearing) crops, seeds must be supplied with Nitrogen-Gathering Bacteria. FARMOGERM supplies these Bacteria, guaranteed alive and efficient, and shipped in a form to be conveniently applied to the seeds. Their use will increase the yield of the crop and make it richer in protein or feeding value. Your stock will relish FARMOGERMED Legume Fodder.



Cost of Farmogerm

| | | |
|----------------------|----------|--------|
| Small Farm Size..... | 5 acres, | \$7.50 |
| Trial Farm Size..... | 1 acre, | 2.00 |
| Garden Size..... | ¼ acre, | .50 |

Always specify crop when ordering.

Insist on FARMOGERM. It insures live, active Bacteria. Cultures in sealed bottles are not to be depended on.

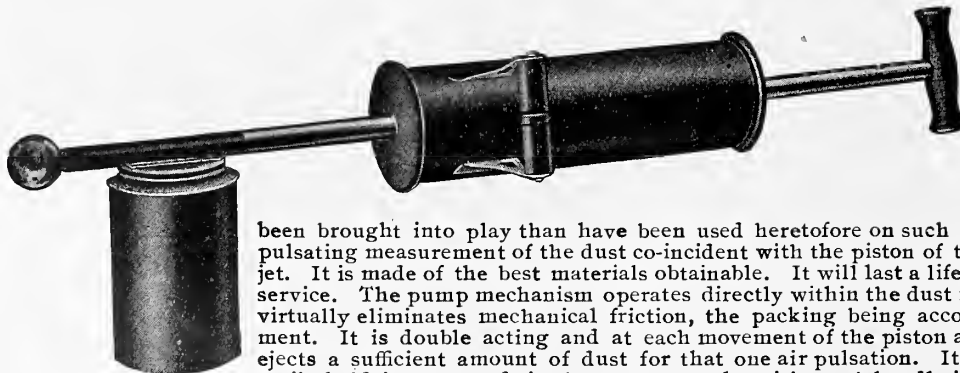
Ask Us for Interesting Literature

Atmospheric Nitrogen is free. The supply is unlimited. Why not make use of it and save the high cost of Nitrogen Fertilizer?

For those who are accustomed to using a culture of legume bacteria in a **dry medium** and who prefer that type of preparation we can now furnish "ALLCROP FARMOGERM." This contains all the various strains of legume bacteria in a single can and will inoculate any legume crop. In addition it also contains a large number of strains of bacteria which fix nitrogen in the soil independently which makes "ALLCROP FARMOGERM" of benefit to any crop—legume or non legume.

Garden Size, 75c.; 1 Acre Size Can, \$2.00; 5 Acre Size Can, \$7.50. Postpaid.

THE NEW CORONA HAND DUSTER



The new Corona Hand Duster is a mechanically perfect apparatus which emits powders in clouds of right consistency from any position and in any direction, downward, upward or horizontally. Entirely different principles of mechanics have

been brought into play than have been used heretofore on such outfits. This principle is a pulsating measurement of the dust co-incident with the piston of the pump producing the air jet. It is made of the best materials obtainable. It will last a lifetime, always giving perfect service. The pump mechanism operates directly within the dust reservoir. Its construction virtually eliminates mechanical friction, the packing being accomplished by the air movement. It is double acting and at each movement of the piston automatically measures and ejects a sufficient amount of dust for that one air pulsation. It is very light in weight and easily held in the hands in the most natural position. A handle is provided for each moving

member of the pump, so that the direction of the cloud of dust can be easily controlled.

The dust Mixture is placed very easily within the Duster by unscrewing the specially designed cylinder end and sliding it on the tube to a sufficient distance from the cylinder. This gives an unusually large opening for filling the cylinder hopper, into which a sufficient amount of dust can be placed. It is most convenient to fill the cylinder hopper by using a tablespoon or like utensil. Close the gun by screwing the cylinder end into place, making everything air tight.

In working the Duster use a very easy short stroke. The gun will give strong action and if worked too hard will throw too much material and be wasteful.

Price, \$2.50 each. Sent by Parcel Post to any Post Office in New England States on receipt of price.

BRECK'S

==HIGH GRADE== VEGETABLE SEEDS

THIS IS OUR NINETY-SIXTH ANNUAL CATALOG. We believe our knowledge and reputation acquired during all these years is of value. Through integrity and experience we have built up a business which stands second to none in reliability, and which is exceeded in volume by that of only one or two concerns in this country. The Golden Roll of Honor attests our ability to serve the gardening and farming public satisfactorily, else we would not be privileged to retain these gentlemen as customers for so many decades. If you want any information regarding horticultural or agricultural matters write us, or better still, call if possible and your inquiries will receive intelligent attention. Our policy is to do business in the good old-fashioned way, giving the best service and selling only goods of the highest quality at fair prices. If you have never dealt with us, surely some of your neighbors can tell you about our goods. If you desire "the best" send us a trial order; one small transaction will convince you.

NOTICE—We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Nursery Stock, Seeds, Bulbs or plants we sell, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on these terms, he must return them at once, and all payments therefor will be refunded.
JOSEPH BRECK & SONS, Corporation.

United States Farm Equipment License No. L-000195.
United States Food Administration License No. G-14764.

United States Insecticide License No. A-00060.
United States Fertilizer License No. J-1586.

NOTICE.—All prices quoted in this catalog are based on stock now on hand or in transit and are subject to change without notice.

Artichoke

(*Cynara Scolymus*)

German, "Artischoke."—French, "Artichaut."
Spanish, "Alcachofa"

CULTURE. A rich sandy loam is desirable, but any soil made fine by deep culture and enriched with plenty of well-rotted manure will answer. Sow seed in hot-bed early in spring, in rows 6 inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, 2 feet between the plants and 3 feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second summer. One ounce of seed will sow 30 feet of drill.

| | Pkt. | Oz. |
|--|--------|--------|
| Large Green Globe. The best and most popular sort | \$0.25 | \$1.00 |
| Early Purple, or Violet | .25 | 1.00 |

Jerusalem Artichoke

(*Helianthus tuberosus*)

A species of sunflower. A tuber that thrives well upon light, dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. Qt., 40c; pk., \$2.50, net.

Asparagus

(*Asparagus officinalis*)

German, "Sparget."—French, "Asperge."
Spanish, "Esparragos"

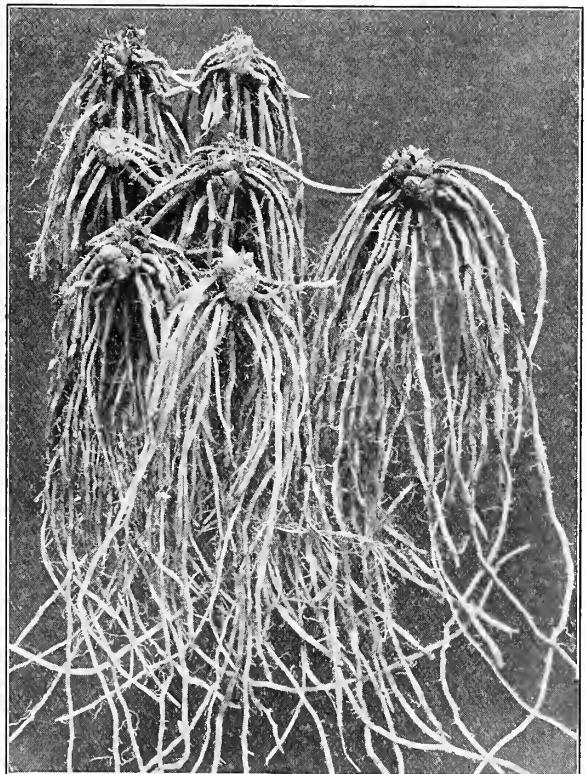
(For prices on Asparagus Roots, see Vegetable Plants, page 47.)

Although Asparagus is grown satisfactorily on various types of soil, it does best on sandy loams. Two or more years may be saved by planting a bed with roots instead of sowing seed. Roots may be set in the spring in trenches 8 or 10 inches deep and 3 or 4 feet apart, leaving 12 or 15 inches between plants in the row. The bed should be thoroughly worked over to a depth of at least 18 inches, forking in a liberal quantity of manure. It is well to spread the roots over a low mound of fine soil, rather than plant them directly in the hard bottom, of the trench. Cover the crowns with not more than 2 or 3 inches of moist soil, firming it well over the roots and as the young shoots appear and grow, fill in the trench gradually. Either in the spring or after cutting season, fork in a good dressing of stable manure between the

rows. The bed may be cut two or three times the second season after planting, but only a small percentage of the shoots should be taken.

Seed may be sown in drills 2 feet apart and 1 inch deep, as early in spring as the ground can be worked. One ounce of seed will sow 60 feet of drill.

| | Pkt. | Oz. | ¼ lb. |
|---|--------|--------|--------|
| Conover's Colossal. An old, well known variety | \$0.10 | \$0.30 | \$1.00 |
| Giant Reading. Considered the best variety for Boston market..... | .15 | .50 | 1.75 |
| Moore's Giant Purple Top. Stalks remain white until well above ground..... | .10 | .30 | 1.00 |
| Palmetto. Easily the most popular American variety | .10 | .30 | 1.00 |
| Medicinal Asparagus Seed.....Per lb., | .40 | | .15 |



Giant Reading two-year old Roots
Price, \$1.50 per 100; \$12.00 per 1000

BEANS—DWARF OR BUSH

(Phaseolus)

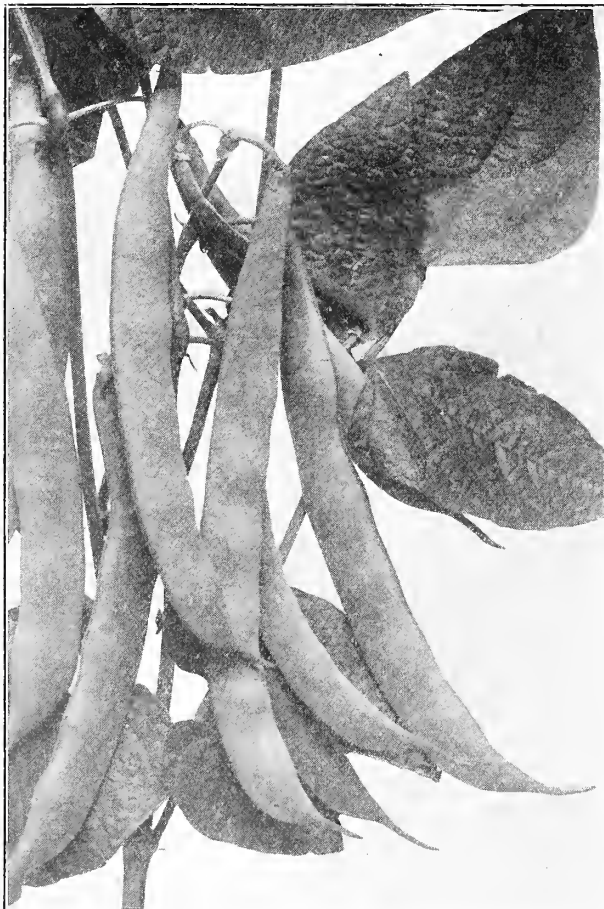
German, "Bohne."—French, "Haricot."—Spanish, "Frijorenano"

To obtain a continuous supply of beans throughout the season, make plantings every two weeks from early May until about the middle of July. Beans are usually planted 2 inches deep in drills sixteen or eighteen inches apart. Many growers claim, however, that larger yields are obtained if three or four beans are planted in a hill, the hills being about eight inches apart in the row. Cultivate frequently, but not deeply, and only when the plants are dry, as earth scattered on the foliage or pods when moist will often cause the development of rust.

Two pounds of beans will sow 100 feet of drill.

Breck's Tewksbury Dwarf Horticultural

Due to the unusual beauty and size of its pods, this variety brings consistently higher prices than any other Horticultural Bean sold on the Boston Market. When ready to pick, the yellowish surfaces of the pods are beautifully marbled and splashed with bright crimson. The vines bear great numbers of long pods, inclined to curve slightly, generally containing six beans each, although seven are not unusual. Until they have attained full size the pods are comparatively dull and inconspicuous, the color intensifying rapidly as maturity is reached. It is characteristic of the vines to throw out tendrils like those of pole beans, but the plants are distinctly dwarf and upright, displaying no tendency to climb or sprawl over the ground. Our seed stock, which is of the original strain and true to type, is grown for us by one of the most experienced bean specialists in this State. Pkt., 25c; 1 lb., 45c; 2 lb., 85c; 8 lb., \$3.00.



Stringless Green Pod

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Beans—Green Podded Varieties

Customers pay transportation charges on Beans, in 1 lb. lot and over.

For parcel post charges, see zone rates on third page of cover.

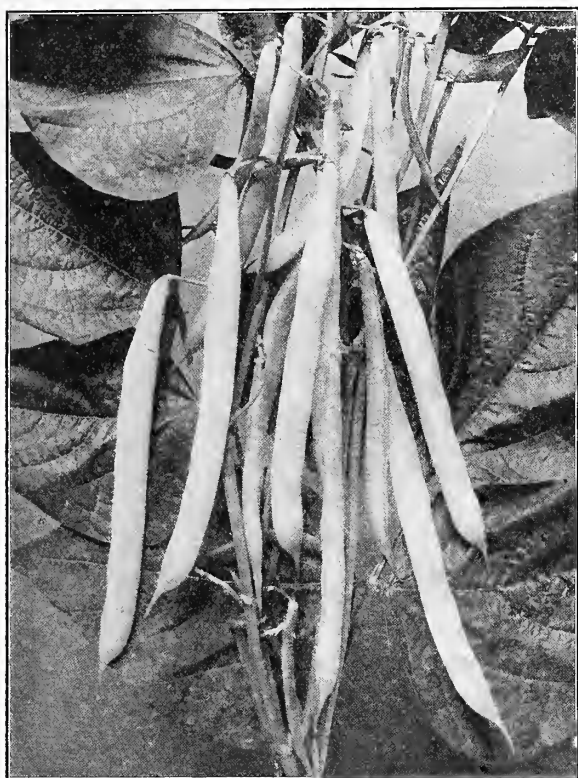
To facilitate shipments by parcel post we sell Beans by weight, not dry measure.

WE SUPPLY PACKETS OF BEANS AT 25 CENTS EACH, POSTPAID.

| | 1 lb. | 2 lb. | 8 lb. |
|---|--------|--------|--------|
| Dwarf Horticultural. Large green pods splashed with red, the popular shell bean for home and market..... | \$0.45 | \$0.80 | \$3.00 |
| Burpee's Stringless Green Pod. Extra early, very prolific, quite stringless.. | .45 | .80 | 3.00 |
| Black Valentine. Pods long, straight and nearly round, favorite with market gardeners | .40 | .75 | 2.50 |
| Bountiful. Extra early, flat green pods, tender and stringless..... | .40 | .75 | 2.50 |
| Canadian Wonder. A hardy, rapid growing variety, very prolific, pods long, green, fleshy and of good quality.... | .40 | .75 | 2.50 |
| Early-Red Valentine. One of the earliest and best pods around..... | .40 | .75 | 2.50 |
| Goddard, or Boston Favorite. A larger later Dwarf Horticultural..... | .40 | .75 | 2.50 |
| Kidney, Red. An excellent shell and baking bean | .25 | .40 | 1.50 |
| Kidney White. A white seeded variety.. | .25 | .45 | 1.60 |
| Long Yellow Six Weeks. Early pods, long, flat and full..... | .40 | .75 | 2.50 |
| Low's Champion. Large, green, flat, stringless pods | .40 | .75 | 2.50 |
| Prolific Tree Pea Bean. The popular baking variety; beans very small.... | .25 | .40 | 1.50 |
| Red Cranberry. A favorite snap and shell bean | .35 | .65 | 2.50 |
| Refugee. Thorburn's extra early, or superior quality, and two weeks earlier than the late | .45 | .85 | 3.00 |
| Refugee. Late or 1000 to 1. Very productive, round pods, largely grown for pickling | .45 | .85 | 3.00 |
| Longfellow. Early, very hardy; large round pods, fine flavor..... | .40 | .75 | 2.50 |
| Triumph of the Frames. Best for forcing. Use as shell or string..... | .60 | 1.00 | |
| White Marrow. Large flat pods, a good dry baking bean..... | .30 | .50 | 1.75 |
| Wonder of France. Green Flageolet, long tender pods | .60 | 1.00 | |
| Yellow Eye Improved. A large mealy variety for baking..... | .25 | .40 | 1.50 |

Beans—Dwarf or Bush Limas

| | 1 lb. | 2 lb. | 8 lb. |
|---|--------|--------|--------|
| Burpee's Improved. A true bush form of the large Lima..... | \$0.45 | \$0.85 | \$3.00 |
| Dreer's. A bush form of Dreer's Lima Pole, possessing all the good qualities of that sort..... | .50 | .90 | 3.50 |
| Fordhook. Early. A perfect bush Lima of erect habit and very large. Best sort for this locality..... | .50 | .90 | 3.50 |
| Henderson's. A bush Seiva, a continuous cropper, fine for the home garden | .40 | .75 | 2.50 |



Davis Kidney Wax Beans

Beans—Dwarf or Bush

(Phaseolus)

German, "Bohne."—French, "Haricot."—Spanish, "Frijorenano"

To obtain a continuous supply of beans throughout the season, make plantings every two weeks from early May until about the middle of July. Beans are usually planted 2 inches deep in drills sixteen or eighteen inches apart. Many growers claim, however, that larger yields are obtained if three or four beans are planted in a hill, the hills being about eight inches apart in the row. Cultivate frequently, but not deeply, and only when the plants are dry, as earth scattered on the foliage or pods when moist will often cause the development of rust.

Two pounds of beans will sow 100 feet of drill.

Wax or Butter Varieties

Packets of all varieties, 25c each. Postpaid.

| | 1 lb. | 2 lb. | 8 lb. |
|---|--------|--------|--------|
| Black Wax, Improved Prolific. Very early, round thick pods of medium length | \$0.45 | \$0.85 | \$3.00 |
| Black Wax, Currie's Rust Proof. Flat pods, early, prolific, very good quality | .45 | .85 | 3.00 |
| New Kidney Wax. A great improvement on Wardwell's Wax; more prolific bearer, pods large, vines of stout growth, loaded with beans, very popular with all market gardeners who have become familiar with it | .50 | .85 | 3.00 |

BRITTLE WAX

| | | | |
|--|-----|-----|------|
| A hardy quick growing bean. Considered very early, quite stringless, good quality, pods round, somewhat curved | .50 | .85 | 3.00 |
|--|-----|-----|------|

| | 1 lb. | 2 lb. | 8 lb. |
|---|-------|-------|-------|
| Golden Wax, Improved Rust Proof. Early, long, flat pods, quite immune from rust, stringless, the most popular variety for home garden... | .45 | .85 | 3.00 |
| Golden Eye Wax. Hardy and prolific, pods flat, very free from rust..... | .45 | .85 | 3.00 |
| Wardwell's Kidney Wax. Early, long, flat pods, good quality, good shipper, the standard wax variety with market gardeners in this vicinity.... | .50 | .85 | 3.00 |
| Dwarf Horticultural Wax Rust Proof. A splendid bean, very prolific, pods 6 inches long, quite stringless, good flavor | .60 | .85 | 3.00 |

CRACKERJACK WAX

Pods rounder and more meaty than Wardwell's, good size, color, splendid market variety, stands shipping well; very popular with the Western market gardeners

| | | | |
|---|-----|-----|------|
| ..... | .40 | .75 | 2.50 |
| Davis Kidney Wax. The best white seeded wax bean; long, well shaped pods, good quality; a general favorite | .45 | .85 | 3.00 |

HARDY WAX

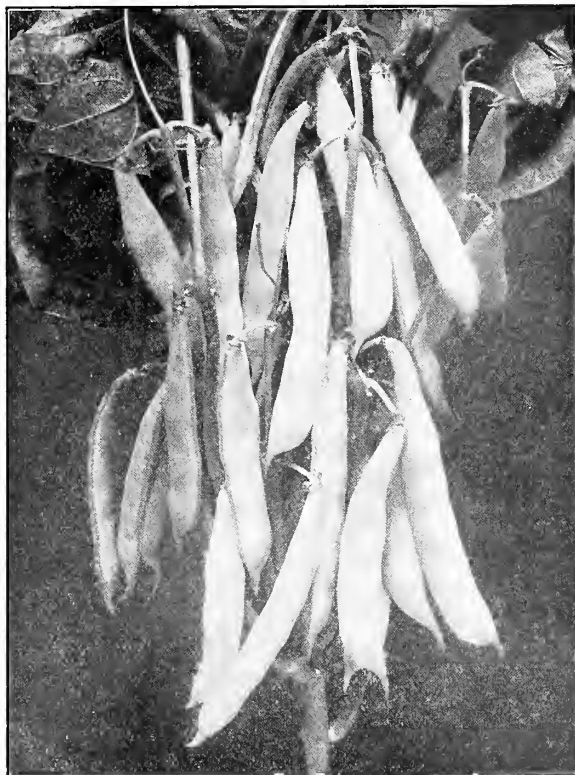
A popular quick growing bean better known in the middle west than in New England. Hardy Wax is an early, stringless, round podded sort, excellent quality, quick growing, hardy and most desirable for the home garden. Pkt. 25.....

| | | | |
|-------|-----|-----|------|
| | .45 | .85 | 3.00 |
|-------|-----|-----|------|

SURE CROP STRINGLESS WAX

A new stringless variety, very prolific, resembling somewhat Currie's Wax. Early and of good flavor. Seed black, pods of good size, thick, flat.

| | | | |
|-------|-----|-----|------|
| | .40 | .75 | 2.50 |
|-------|-----|-----|------|



Rust Proof Golden Wax Bush Beans

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Beans—Pole or Running

German, "Stangen Bohne."—French, "Haricots a Rames."
Spanish, "Jidas"

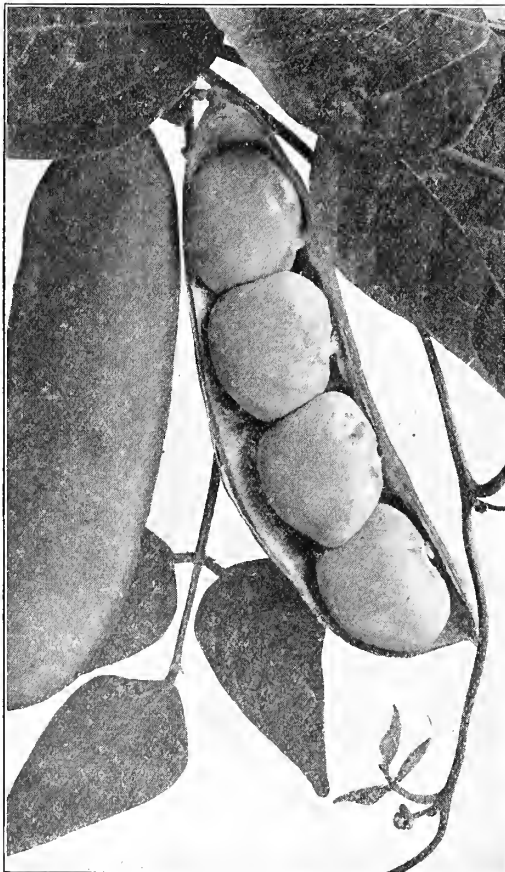
It is a good policy to plant Pole Beans at least a week later than the first planting of dwarf varieties because they are not as hardy. The poles are usually set at the time of planting. Plant four or five beans to a hill, in hills three or four feet apart, each way. Some growers raise the hills a little to insure good drainage. Hill-applications of well composted manure are of value. One quart of Limas will plant 100 hills; one quart of the smaller seeded sorts about 200 hills. All large seeded Limas should be planted eye down to insure quick growth.

Beans at Packet Prices sent post-paid.

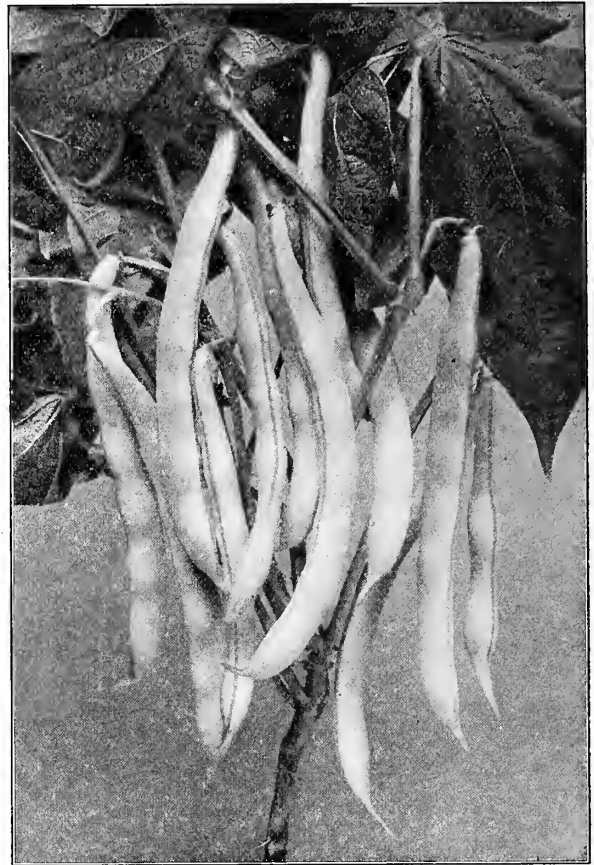
All Beans sold by weight. Two pounds equals about one quart.

Beans—Green Podded Varieties

| | 1 lb. | 2 lb. | 8 lb. |
|---|--------|--------|--------|
| Carmine Podded Horticultural. Also called Columbia, Hampden and Worcester. The best Horticultural Pole Bean in existence. It is early and produces an immense number of large, highly-colored pods. A splendid shell bean. Pkt. .25..... | \$0.45 | \$0.85 | \$3.00 |
| Horticultural or Speckled Cranberry. Large green pods, streaked with red; good either as a string or shell bean. Pkt. .20 | .45 | .85 | 2.50 |
| Kentucky Wonder or Old Homestead. A very prolific, long, green podded sort. Sometimes known as the "Snake Bean," and without doubt the best pole string bean offered. Pkt. .20 | .45 | .85 | 3.00 |
| Lazy Wife. Long pods, beans white, wonderfully prolific. Pkt. .20..... | .45 | .85 | 3.00 |



Improved Bush Lima Beans



New Kidney Wax

| | | | |
|---|-----------|-----------|------------|
| Lima, Large White. An old much esteemed variety. 20c Pkt..... | 1 lb. .45 | 2 lb. .85 | 8 lb. 3.25 |
| Lima, Dreer's or Challenger. Round, very thick beans, productive. 20c Pkt. | .45 | .85 | 3.25 |
| Lima, King of the Garden. Large pods, productive, good market sort. 20c Pkt. | .45 | .85 | 3.25 |
| Lima, Seiva or Small. Earlier and hardier than the large Lima. 20c Pkt. | .45 | .85 | 3.25 |
| Red Cranberry. Large, tender, stringless pods, very productive. 20c Pkt. | .45 | .85 | 3.25 |
| Scarlet Runner. Used in the United States almost wholly as an ornamental climber on account of its bright scarlet flowers, rapid growth and large leaves. 20c Pkt..... | .40 | .75 | 3.00 |
| White Dutch Runner. Same as Scarlet Runner, except that the flower is white. 20c Pkt. | .40 | .75 | 3.00 |

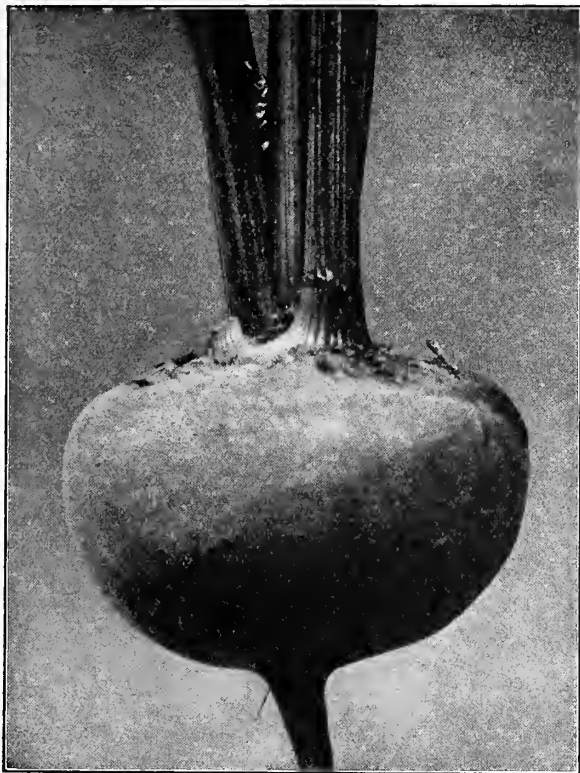
NEW ITALIAN POLE BEANS

Introduced by our Italian gardeners. A green podded, pole string bean, slightly streaked with purple. An enormous cropper. Beans of excellent flavor and quality, absolutely stringless, remaining in good condition on the poles ten days or more. We have selected a few of the most promising varieties from a large number. Per pkt., 50c postpaid; sufficient for 12 poles.

Pole Beans—Wax Podded Varieties

| | | | |
|---|--------------|--------------|--------------|
| Golden Cluster. Pods very large, tender, early, rich golden color, grown in clusters, beans white. 25c Pkt. | 1 lb. \$0.50 | 2 lb. \$0.85 | 8 lb. \$3.50 |
| Kentucky Wonder Wax. Similar to green podded Kentucky Wonder. Very prolific, fine quality, pods long, broad, fleshy, stringless. 25c Pkt. .. | .50 | .85 | 3.50 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Breck's Arlington Strain Crosby

BEET

(Beta vulgaris)

German, "Runkel Rube."—French, "Betterave."—Spanish, "Beteraga"

Any well-prepared, light garden soil will grow good beets. Successive plantings can be made from April until the middle of July. Sow in drills about one inch deep and 12 or 15 inches apart. The young plants are usually thinned to four inches apart in the row before they begin to crowd; many gardeners wait until the plants are six inches high so that those removed can be used for greens. One ounce of seed will sow 50 feet of drill.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|--------|
| Breck's Beats All. Superior in all respects to others as an early or main crop variety..... | \$0.10 | \$0.25 | \$0.85 | \$3.00 |
| Breck's Arlington Strain, Crosby's Egyptian Beet. The best early beet, small top and tap roots, early as common Egyptian but of better shape, size and color..... | .10 | .50 | 1.50 | 4.00 |
| Columbia. Round and smooth, deep red flesh | .10 | .20 | .60 | 2.25 |
| Crosby's Egyptian. Early as original type, but thicker, smoother, and of better quality..... | .10 | .30 | .85 | 3.00 |
| Crimson Globe. Medium size, good keeper; flesh deep purplish red.. | .10 | .20 | .60 | 2.25 |

Richmond, Me., Nov. 26, 1918.

Joseph Breck & Sons Corp.
Gentlemen:—The seeds supplied by you during the past season have been most satisfactory. I find them all up to your usual standard. Was particularly pleased with your Record Pea and consider it the best one offered.
With best wishes for your continued prosperity, I remain,

A. B. REED.

| | | | | |
|---|----------|---------|-----------|----------|
| Dewing's Early Blood. Medium early sort, good keeper, large size; an old time favorite..... | Pkt. .10 | Oz. .20 | ¼ lb. .60 | Lb. 2.25 |
| Early Arlington. Early, deep round form, blood red color..... | .10 | .35 | .85 | 3.00 |
| Detroit or Dirigo. One of the best for home or market garden use, medium size, almost globular, very uniform. Color dark red..... | .10 | .25 | .85 | 3.00 |
| Eclipse. Very early, bright red, smooth roots, top small..... | .10 | .25 | .85 | 3.00 |
| Edmands. A popular late turnip shaped beet, smooth and of good size, good keeper, small top, flesh red | .10 | .20 | .60 | 2.25 |
| Early Wonder. Early, small top, medium size, small tap roots; a superior sort for early bunch beets. Favorite with market gardeners | .10 | .35 | 1.00 | 3.00 |
| Egyptian. An early, fine colored, smooth turnip beet..... | .05 | .20 | .60 | 2.25 |
| Long Red Erfurt. Flesh deep red.. | .05 | .20 | .60 | 2.25 |
| Beet. For greens..... | .05 | .15 | .50 | 1.50 |

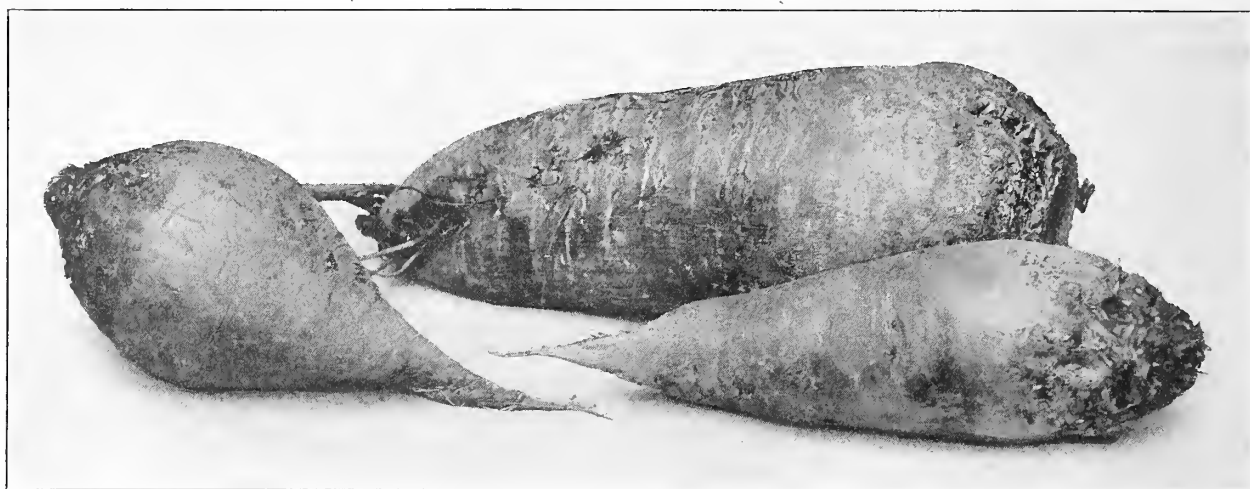
Where orders are accompanied by cash WE DELIVER FREE to any Post Office, Railroad, Express Office or Freight Station at our expense, except where otherwise noted:—

Vegetable and Flower Seeds at the package, ounce, ¼ pound, ½ pound and 1 pound prices, except Peas, Beans, Corn, etc., as noted in Catalogue.

Bulbs at the single and dozen rates.
Books and other publications.



Detroit Dark Red Beet



Sludstrup Barres

Mammoth Long Red

MANGEL-WURZEL AND SUGAR BEETS

Because of the constantly increasing cost of mill feeds which are as constantly decreasing in feeding value, due to the incorporation in them of mill sweepings, screenings, and hulls, and because of the prohibitive cost of the best concentrated grains, the American farmer would do well to take more notice and thought of the practice of European stock raisers and dairymen, in the use of root crops as a succulent winter feed for stock. In England, Scotland, Holland and Denmark where corn, either for silage or grain is unknown and only a limited amount of other grains for feed is available, the main reliance has always been Mangels and Sugar Beets. It must be admitted that these countries have produced the best of both beef and dairy animals. We too, could and should grow vast quantities of these crops, and we would gain; both in lessened cost of feed, and in the health and vigor of our animals.

The Poultry man also finds Sugar Beets and Mangels a valuable and much relished winter feed, and for maintaining the health and vitality of a flock of sheep through a long northern winter they are the best on earth barring none.

To obtain the best results in New England, the seed should be sown the latter part of May, in rich, moist, well drained soil, which has been prepared by very deep ploughing and thorough harrowing. Sow in drills $2\frac{1}{2}$ feet apart to permit horse cultivation and thin to about 10 inches in the row. Six to eight pounds of seed are required per acre.

SLUDSTRUP BARRES

Giant Mangel-Wurzel. The seed we offer is Danish grown and Sludstrup has been repeatedly awarded the highest honors in Danish Agricultural Exhibitions. While the roots do not grow to as great a length as Mammoth Long Red the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; color reddish yellow. A most desirable stock feed. Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 65c; Lb., \$2.00.

BRECK'S MAMMOTH LONG RED

A selection of the common long red variety. The Mammoth is smooth skinned, fine grained, color deep red, roots straight and smooth, tops small. Under good cultivation immense crops can be secured with little labor. Ten to fifteen ton per acre are not unusual returns. Per pkg., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; Lb., \$1.65.

Klein's Wanzleben. One of the most popular of the Sugar Beets and has been grown in this section for many years. Per pkg., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; Lb., \$1.50.

Giant Half Sugar Mangel. Highly recommended for stock feeding. The skin is bright rose above the ground and white below. Flesh white, sometimes tinged with rose. Under good cultivation roots grow half out of the ground. Per pkg., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; Lb., \$1.50.

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | Lb. |
|---|------|-----|-------------------|------|
| Champion Yellow Globe. Grows in shallow soils..... | .05 | .15 | .50 | 1.65 |
| Golden Tankard. A half-long variety of bright yellow color..... | .10 | .20 | .60 | 1.65 |
| Long Yellow. Differs from Long Red only in color..... | .05 | .15 | .50 | 1.50 |
| Norbition Giant. Long Red; a valuable variety..... | .10 | .20 | .60 | 1.65 |
| Red Globe. Similar to Yellow Globe, except in color..... | .05 | .15 | .50 | 1.50 |
| Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle..... | .05 | .15 | .50 | 1.50 |

All the above sold in 5 lb. lots at \$1.40 per lb. and in 10 lb. lots at \$1.35 per lb.

For Top Dressing, lawns, golf courses, flower beds, small shrubs, etc., use BRECK'S RAM'S HEAD BRAND SHEEP MANURE. \$3.00 per 100 lbs.; \$55.00 per ton.

For all root crops use MAPES POTATO MANURE. Ammonia, 4.50%; Ava. Phosp. Acid, 8%; Actual Potash, 1%. \$4.50 per 100 lb. bag; \$8.50 per 200 lb. bag; \$82.00 per ton.

Borecole or Kale

(*Brassica oleracea, acephala*)

German, "Blatterkohl."—French, "Chou Vert."
Spanish, "Breton"

The Kales are very hardy, and make excellent greens for late fall and early spring use. Sow about May first in prepared beds, transplant in June, proceeding as with Cabbage plants. Siberian Kale may be sown late in August and handled like Spinach for spring greens. One ounce of seed will sow 150 feet of drill.

Dwarf Green Curled Scotch. Leaves bright green, closely curled, very tender. Quality is improved if the plants are touched by frost before being used. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

Dwarf Brown. Similar to the preceding but darker color, very hardy. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Siberian or Winter. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$1.50.

Tall Green Curled Scotch. Similar to the dwarf, but more vigorous growth. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

Broccoli

(*Brassica oleracea, betrytis*)

German, "Spargelkohl."—French, "Chou Brocoli."
Spanish, "Brocoli"

Closely resembles the cauliflower, but is hardier. Like Cabbage and Cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. Seed should be sown at the same time and plants receive the same general culture as cabbage. Completes its growth from seed in from 120 to 140 days. Five to ten degrees of frost will not injure the plants when they are approaching maturity. One ounce of seed will produce about 1500 plants.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|-------|
| Early Purple Cape. Hardy, heads of medium size and compact formation..... | \$0.25 | \$1.00 | |
| Veitch's. Self-protecting, large compact head. | .25 | 1.00 | |
| White Cape. Like Purple Cape, but of a creamy white color..... | .25 | 1.00 | |

Swiss Chard or Sea Kale Beet

This variety is cultivated solely for its leaves. The midrib is stewed and served as asparagus, the other portion of the leaves being used as spinach. Especially desirable for the home garden, as it is a vegetable always ready for use.

Giant or Perpetual. Broad light green leaves.

Dark Green Curled. Leaves large crumpled, white midrib.

Blonde. Broad white midrib, yellowish green leaves.

Lucullus. Very large crumpled leaves, general favorite.

All 10c pkg.; 25c oz.; 85c ¼ lb.; \$2.50 lb.



Lucullus Swiss Chard

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Amager Market Brussels Sprouts

Brussels Sprouts

(*Brassica oleracea, gemmifera*)

German, "Sprossenkohl."—French, "Chou de Bruxelles."
Spanish, "Berza de Brusela"

This interesting vegetable produces small heads resembling miniature cabbages all over its tall stem. The sprouts, either cooked or pickled in the same way as cauliflower, are esteemed a great delicacy. Seed may be sown in May in a seed bed, and the plants afterward set out and cultivated like cabbage. Being small and hardy the sprouts are not in the least injured by frost. One ounce of seed produces about 1500 plants.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| Improved Paris Market. A most desirable strain | \$0.10 | \$0.50 | \$1.50 |
| Dalkeith. The finest variety | .10 | .50 | 1.50 |
| Amager Market. Largest sort, often grows 3 feet high, sprouts closely set and develop uniformly | .10 | .50 | 1.50 |

Chervil

German, "Gartemkerbel."—French, "Corfeuil."
Spanish, "Cerafolio de Cafe"

Chervil Curled. An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly in May, in drills ½ inch deep, 1 foot apart. Per pkt., 10c; per oz., 30c; per ¼ lb., \$1.00.

Chervil, Tuberos Rooted. Sow in May or June, after treatment same as for carrots. Per pkt., 5c; per oz., 30c; per ¼ lb., \$1.00.

Chives

Allium Schoenoprasum. Resembles the Onion in growth and of the same family. Used largely as salad and for flavoring soups. Can be cut repeatedly during the growing season. Pkt., 20c; oz., 75c.

February 15, 1918.

Joseph Breck & Sons Co.,

Gentlemen:—

I have received your 1918 Catalogue for which I send thanks.

Permit me to say that I have planted your seeds for some time and I have always found them reliable.

Sincerely yours,

EVERETT A. NICHOLS.

88 Pond St.,

Natick, Mass.



Copenhagen Market

Cabbage

(*Brassica oleracea, capitata*)

German, "Kopfkohl."—French, "Chou Pomme."
Spanish, "Berza"

Cabbage will do well in any deep, rich, well-drained, and abundantly manured soil. Sow seed of the early varieties in hot beds about February 1st, and prick out into other hot beds as soon as the plants are strong enough, or set in cold frames in March. When danger of frost is past, transplant to the open ground. The late or winter crop seed can be sown in seed beds in May and plants set in the field in July. Late varieties are usually planted in rows 30 inches apart with 2 feet between plants; early sorts may be set 15 by 24 inches or even closer. One ounce of seed should produce about 2500 plants.

Pkt. ½ oz. 1 oz. ¼ lb.

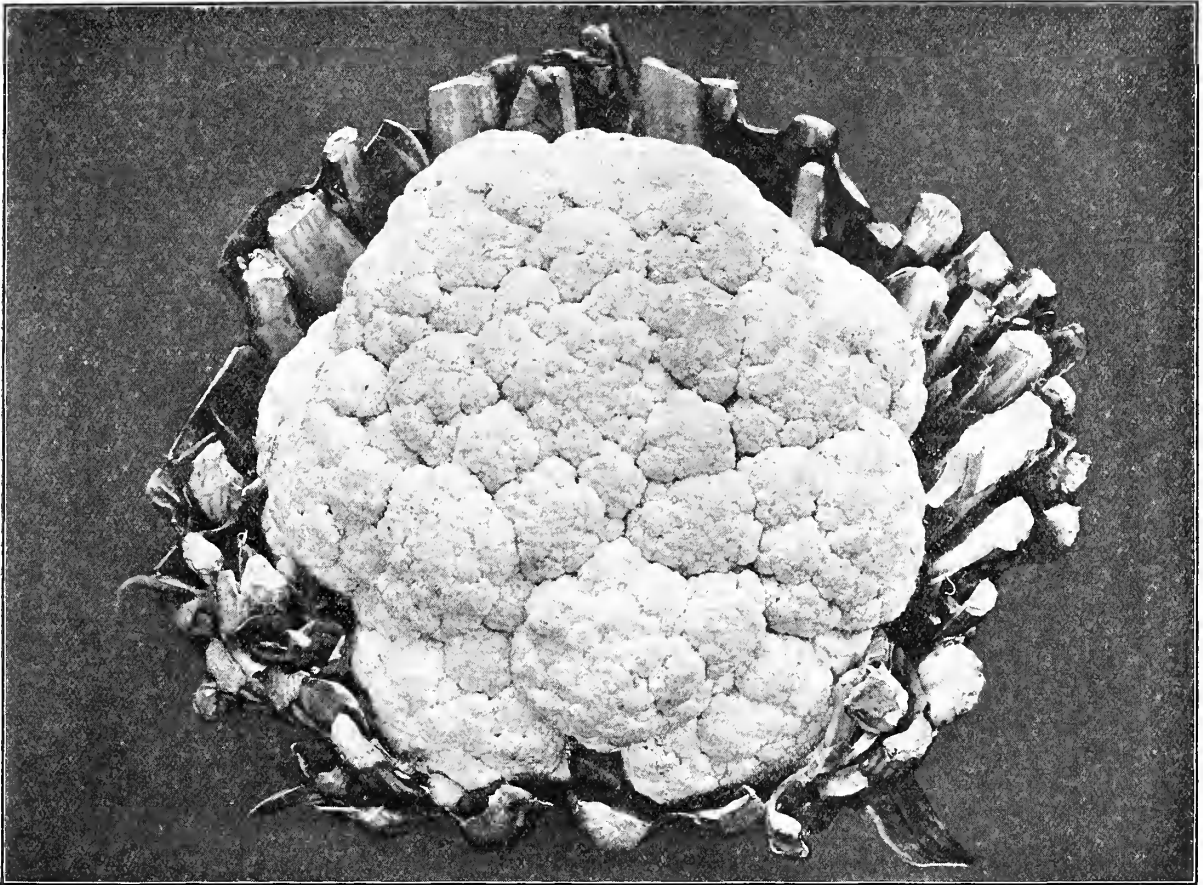
| | | | | |
|---|--------|--------|--------|--------|
| All Seasons. One of the best for second early and late crops, very large and a sure header..... | \$0.15 | \$0.40 | \$0.75 | \$2.75 |
| Breck's Winchester Savoy. The market gardener's favorite. Seed we offer was obtained after many years' careful selection from only the best heads. Seed planted as late as June 20th will mature about the middle of October; heads large, of splendid shape, fine flavor, and as a keeper for winter use it is unsurpassed..... | .25 | .50 | .85 | 3.00 |
| Danish Ball Head. A winter variety, large, round, solid heads; splendid keeper | .15 | .60 | 1.00 | 3.75 |
| Early Jersey Wakefield. Market gardeners can find nothing better for an early cabbage. Heads somewhat pointed, extremely solid, superior quality | .15 | .40 | .75 | 2.75 |
| Early Winnigstadt. An early variety with conical shaped heads..... | .15 | .40 | .75 | 2.75 |
| Copenhagen Market. As early as the Wakefield, heads large, round, uniform size, averaging under good conditions about ten pounds each. This variety growing in popularity with the market gardeners. One of the best early cabbages..... | .15 | .60 | 1.00 | 3.75 |
| Fottler's Improved Brunswick. One of the best second early varieties. Large head, drumhead type..... | .15 | .50 | .85 | 3.00 |

| | Pkt. ½ oz. | 1 oz. | ¼ lb. |
|--|------------|-------|-----------|
| Glory of Enkhuizen. Second early variety, solid head, almost globular; sure heading; vigorous growth | .25 | .85 | 1.50 5.00 |
| Henderson's Early Summer. Large flat head, about ten days later than Jersey Wakefield..... | .10 | .40 | .75 2.75 |
| Hendrickson's Long Island Savoy. Popular variety with Long Island, N. Y., market gardeners. Large heads, uniform size; a splendid late cabbage | .15 | .50 | .85 3.00 |
| Peconic Red. Large, solid, red variety; grown largely by the Long Island, N. Y., market gardeners... | .15 | .50 | .85 3.00 |
| Pe-Tsai, or Chinese Cabbage. A quick growing, medium late, sort. Growth and heads resemble Cos Lettuce | .10 | .40 | .75 2.75 |
| Premium Drumhead. Breck's Selected. A standard main crop variety | .10 | .40 | .75 2.75 |
| Premium Flat Dutch. Breck's Selected. A favorite variety for winter market | .10 | .40 | .75 2.75 |
| Red Perfection. Breck's. Superior in size and quality to all other red sorts | .10 | .40 | .75 2.75 |
| Red Dutch, or Pickling. Fine, solid, dark red heads; medium early... | .10 | .40 | .75 2.75 |
| Savoy American Improved. Large, late, crumpled leaf, very sure to head, excellent keeper..... | .10 | .40 | .75 2.75 |
| Succession. Selected. Valuable second and late crop variety..... | .10 | .40 | .75 2.75 |
| Warren's Stone Mason. An improvement on the old type, rounder and solid | .15 | .60 | 1.00 3.75 |
| Warren's Stone Mason. Breck's Private Stock. This is a still further improved selection of the popular Warren strain. It is grown in Essex County especially for us. We recommend it as the very best type obtainable | .25 | .85 | 1.50 5.00 |
| World Beater. The largest Drumhead variety. Late, solid, good keeper | .15 | .50 | .85 3.00 |



Pe-Tsai or Chinese Cabbage

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Breck's White Bouquet Cauliflower

BRECK'S WHITE BOUQUET CAULIFLOWER

Prices subject to change

Breck's White Bouquet Cauliflower. For early or for main crop, those who have grown it, private and market gardeners alike, agree that Breck's White Bouquet Cauliflower has no peer. It will head when other varieties fail; more over it is a strain well-adapted for forcing under glass during winter and spring. The plants are comparatively short-stemmed, have small leaves, and produce medium to large close-grained, snowy-white heads of the finest quality. We feel confident that no better strain has ever been developed, and that it is the earliest and most reliable variety for New England. Pkt., 25c; ½ oz., \$3.00; oz., \$5.00.

Cauliflower

Brassica oleracea, botrytis

German, "Blumenkohl."—French, "Chou-fleur."—Spanish, "Coliflor"

(Price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious member of the cabbage family. Although the ideal soils for this vegetable are well-drained, rich, moist, heavy loams, it will do well in any soil that grows good cabbage. Plants from seed sown in the hot-bed late in February will be ready for the open ground about the first of May. The seedlings should be transplanted as soon as they are strong enough; later, when the time for setting in the field is approaching the plants should be gradually hardened by exposure. For late plants sow the seed sparingly in a well-prepared seed-bed in May, selecting a cool place; treat the seedlings as if they were Cabbage, but exercise greater care. In the field make the rows 30 inches apart and set the plants 18 inches apart in the row. When the heads are forming tie the tops of the leaves together with roffea or soft twine in order to shut out the sun and rain; pure white attractive heads can not be grown without protection.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

| | Pkt. | Oz. | ¼ lb. |
|---|------|------|-------|
| Early Dwarf Danish. A variety of the Erfurt from Denmark. It matures evenly and is a reliable header..... | .25 | 4.00 | 10.00 |
| Earliest Dwarf Erfurt. A very choice strain of the well-known Erfurt cauliflower | .25 | 5.00 | |
| Extra Early Paris. An old but still popular sort..... | .25 | 4.00 | |
| Early Snowball. A reliable early variety, grown largely for market..... | .25 | 5.00 | 15.00 |
| Early London. Large and hardy.... | .10 | 1.00 | 5.00 |
| Veitch's Autumn Giant. A desirable large, late variety..... | .15 | 1.00 | 2.50 |

Joseph Breck & Sons Corp.,
Boston, Mass.

Gentlemen:

At the Brattleboro Fair Sept. 18, 1918 we won 18 first prizes, one special prize, and 8 second prizes.

At Greenfield, Mass., Fair, Sept. 25, 1918 we won eight first prizes and two second prizes.

I thought you would be pleased to know of this since all of the Vegetables were grown from Breck's Seeds. I remain, gentlemen,

Yours very truly,

PETER EDWARDS, Supt.

Holbrook Estate.

Brattleboro, Vermont.



Breck's Market Garden Danvers Half Long

Cardoon

(*Cynara cardunculus*)

German, "Kardon."—French, "Cardon"

Cardoon is grown for the edible midrib of the leaf, which requires blanching in the same manner as celery. Sow sparingly, early in spring, in drills 1 inch deep and 4 or 5 feet apart; later, thin out the young plants to about 2 feet apart in the row.

Large smooth Spanish. Grows about Pkt. Oz. Lb.
four feet high..... \$0.05 \$0.25 \$3.00

Chicory

(*Cichorium intybus*)

German, "Cichorie."—French, "Chicoree."

Large Rooted. Sow and treat in the same Pkt. Oz. ¼ lb. manner as carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used \$0.10 \$0.35 \$0.75

Witloof. Sow in May or June in drills, thin out to six inches apart, treat as Endive until end of summer, when it should be banked up like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable prepared in the same way as Cauliflower.. .10 .40 1.25

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

CARROTS

(*Daucus carota*)

German, "Mohre."—French, "Carotte."

Spanish, "Zanahoria"

Carrots are grown extensively both for culinary purposes and for stock feeding: the "Horn" and medium varieties for the former; the long sorts for the latter use. Fine, mellow, sandy loams, which have been manured liberally for some previous crop, such as potatoes or onions, will produce smooth, well-shaped roots. Carrot seed may be sown towards the end of April, in May, or for late crops for table use, up to the middle of June, in drills 12 or 15 inches apart and not over 1 inch deep. For an early crop sow the "Horn" or medium varieties as early in spring as the ground can be prepared. If a horse cultivator is to be used the rows should be 28 or 30 inches apart. Thin out the plants from 3 to 5 inches apart, according to the variety. As Carrot seed is slow in germinating, cultivation may begin earlier if a little radish seed is sown with the carrot to mark the rows.

One ounce of seed will sow 100 feet of drill; 4 pounds, 1 acre.

Breck's Market Garden Danvers Half Long. Selected strain half long carrot. Color deep orange, blunt point. Favorite with the market garden trade. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|--------|--------|--------|--------|
| Chantenay. A type of Danvers Half-Long, but earlier and smaller.... | \$0.10 | \$0.35 | \$1.25 | \$4.00 |
| Danvers Half Long. The most desirable main crop variety; an excellent keeper | .10 | .30 | 1.00 | 3.00 |
| Early Scarlet Forcing. Very early and valuable for foreing..... | .10 | .60 | 1.50 | |
| Early Scarlet Horn. Medium-sized half-long variety of fine color.... | .10 | .30 | 1.00 | 3.00 |
| Guerande, or Oxheart. Intermediate between half-long and Horn sorts | .10 | .30 | 1.00 | 3.00 |
| Half-Long Scarlet Carentan. Stump rooted, coreless, red flesh..... | .10 | .30 | 1.00 | 3.00 |
| Nantes Stump Root. Medium-size, medium-early table variety..... | .10 | .30 | 1.00 | 3.50 |
| Long Orange Improved. Large long-rooted variety, suitable for table or stock | .10 | .20 | .65 | 2.25 |
| Large Yellow. Desirable variety for feeding farm stock..... | .05 | .20 | .50 | 1.75 |
| Large White. Largest and most profitable for feeding farm stock.... | .05 | .20 | .50 | 1.75 |

Collards, or Colewort

German, "Blatterkohl."—French, "Chou Cabu."

This vegetable is allied to the cabbage family.

Sow seed as for cabbage, at intervals of about three weeks during May, June and July. When a month old, set out the plants in the garden in rows 3 feet apart, leaving 2 feet between the plants. The leaves are esteemed as greens. One ounce of seed will produce about 3000 plants.

Georgia. Per pkt., 10c; oz., 25c.

Corn Salad, or Feticus

(*Valerianella olitoria*)

German, "Lammersalat."—French, "Mache."

Spanish, "Macka Valerianilla."

Sow very early in spring in shallow drills 1 foot apart. For an early spring crop, sow in September and winter over in cold frames, or cover with litter. One ounce of seed will sow 100 feet of drill.

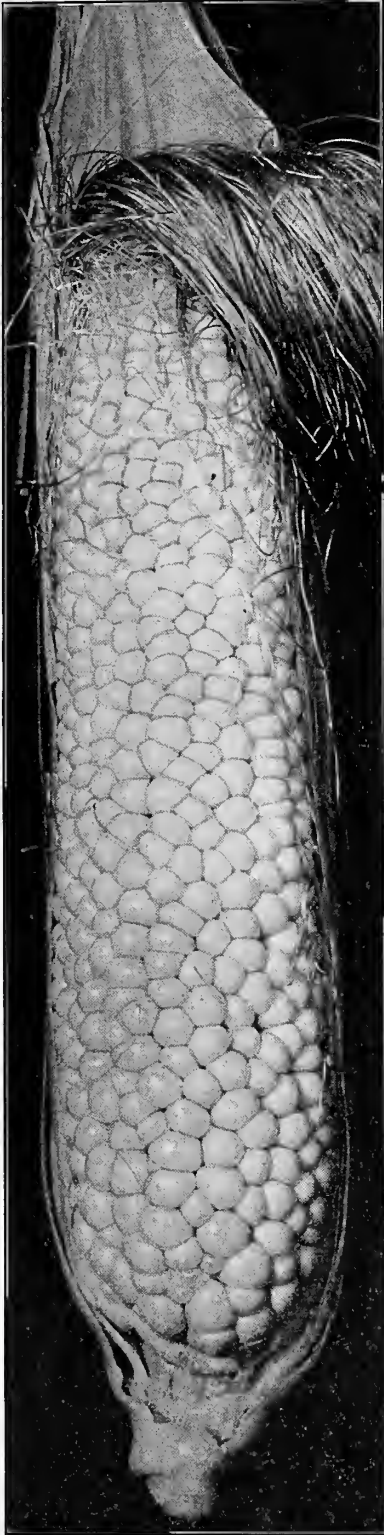
Large-Leaved. Per pkt., 10c; oz., 30c; ¼ lb., \$1.00.

SWEET CORN

(Zea mays)

German, "Mais."—French, "Mais."—Spanish, "Mais"

United States Food Administration License No. G14764



Country Gentleman Sweet Corn

While sweet corn is often grown in hills, experienced gardeners prefer drills. Make the first planting the latter part of May in a rich, warm soil; successive sowings should be made at intervals of about ten days until July. Sow in drills from 2½ to 3½ feet apart, according to the height of the variety, and thin out the plants to 10 or 12 inches apart in the row. If grown in hills, 3 or 4 feet apart each way gives ample space; never allow more than four plants to remain in one hill.

One pound of seed will plant 100 feet of drill, or about 150 hills.
(All varieties on this page 15 cents Pkt. Postpaid.)

EARLY CROSBY

| | | | |
|---|------------|-------|----------|
| | Pkt. 1 lb. | 2 lb. | 12 lb. |
| The standard and favorite early variety; a little later than the Cory, but sweeter and with a larger ear. | | | |
| 5 to 6 inches long, corn fodder 5 to 6 feet high... | .15 | .30 | .50 3.00 |

BRECK'S EARLY HAMPSHIRE

An extra early variety which may be relied upon to mature ahead of Early Crosby. Ears comparatively large, evenly filled with small white kernels of fine quality. The plants which average about five feet in height, always bear two and often three ears on each stalk. Our seed grown in New England

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Bearsfoot (Washington). A vigorous growing medium late variety of very good quality; popular among the market gardeners in the vicinity of Boston. Ears large, with somewhat irregular rows of deep kernels

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Black Mexican. Said to be the sweetest corn in cultivation, medium early, ear of good size, kernels purplish-black

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Country Gentleman. Late, large ear, kernels white and sharp pointed, placed in irregular rows on cob. A fine late variety and a general favorite..

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Early Minnesota. A little later than White Cory, sweet, medium sized ear, small fodder.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .25 | .40 | 2.50 |
|-------|-----|-----|-----|------|

Early Red Cory. A very early sort with good sized ears and large kernels, an old favorite.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .25 | .40 | 2.50 |
|-------|-----|-----|-----|------|

Early White Cory. Differs from the preceding only in color of cob.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .25 | .40 | 2.50 |
|-------|-----|-----|-----|------|

Mammoth White Cory. Quite as early as other Cory, but with much larger ears.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .25 | .40 | 2.50 |
|-------|-----|-----|-----|------|

Peep-O-Day. An extra early, white variety, very sweet, large well filled ear.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .25 | .40 | 2.50 |
|-------|-----|-----|-----|------|

Pocohontas. An extra early white variety. Last season the first marketable corn on the Boston market. Five to five and one-half dozen ears fill a bushel box. A most desirable variety for the market gardener. The ears are of uniform size, kernels large and tender, good flavor, filling the cob evenly and compactly. Pocohontas is preferred by a great number of the market gardeners in and around Boston over any other white variety. It can be highly recommended.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Potter's Excelsior. The most popular main crop variety, fodder and ears of good size, sweet, well filled

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.00 |
|-------|-----|-----|-----|------|

Quincy Market. Larger and earlier than the common Crosby. Popular market garden variety.....

| | | | | |
|-------|-----|-----|-----|------|
| | .15 | .30 | .50 | 3.50 |
|-------|-----|-----|-----|------|

SELECTED EARS, 10c EACH.

By mail, Selected Ears, 15c each.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

SWEET CORN—Continued

STOWELL'S EVERGREEN SWEET CORN



Stowell's Evergreen Sweet Corn

The standard main crop variety for market and for the home garden. Ears large, kernels deep, sugary and tender, remaining in green stage for an unusually long time. We are placing on the market this year the improved strain, known as Platt's, which is earlier than the common stock (which has been for so long the standard late sort), Stowell's Evergreen and the yield most extraordinary, running as high as 175 bushels per acre, the majority of the stalks having two ears. Our grower reports that this year stock was ready for the market 10 days in advance of the original Stowell's Evergreen. It is not uncommon for the ears to have from 18 to 20 rows. Pkg., 15 cts.; lb., 30 cts.; 2 lb., 50 cts.; 12 lb., \$3.00.

YELLOW SWEET CORN

DE LUE'S GOLDEN GIANT

The most important Horticultural acquisition of recent years. Awarded the Silver Medal for novelty and excellence at Massachusetts Horticultural Show. Ears twice the size of Bantam and being from 14 to 16 rowed gives nearly four times the yield per acre; richer in color, more delicious, equally early. The husks are striped with red and very heavy. Golden Giant can be highly recommended to the market gardener because of the large ears and good shipping qualities of the corn. Last year the small quantity that was offered the Boston market brought a premium of 50 cts. bushel box over other yellow varieties.

Golden Giant is the result of eleven years selection by Dr. F. S. De Lue of Boston, Mass., from a product of "Howling Mob crossed with Golden Bantam."

Price in sealed packages 50 cts. postpaid. Seed sufficient for 20 hills or 50 ft. of drill.

JOSEPH BRECK & SONS, Randolph, Mass., Nov. 10, 1918.

I want to tell you my opinion of your "Golden Giant Sweet Corn." I think it is a wonder. In the matter of productiveness the yield is enormous. As to the quality, I have never tasted a more delicious Corn. I have always considered "Golden Bantam" the best on earth but I can honestly say "Giant" is fully its equal. I can recommend it to any one who wants quality and quantity.

Respectfully yours,
CHARLES W. GOVE.

KINGMAN & COMPANY, LTD.

Indianapolis, Ind., Aug. 31, 1917.

JOSEPH BRECK & SONS,
Gentlemen:—The De Lue's Golden Giant Sweet Corn which I purchased of you last spring has proven to be the best sweet corn I have ever grown, the flavor being the finest I ever tasted. I do not hesitate to recommend this variety of Sweet Corn to anyone.

Hoping this will prove of benefit to you, I remain,
E. J. STICKELMAN,
4825 Arnell Ave.

BRECK'S SELECTED MASSACHUSETTS GROWN GOLDEN BANTAM

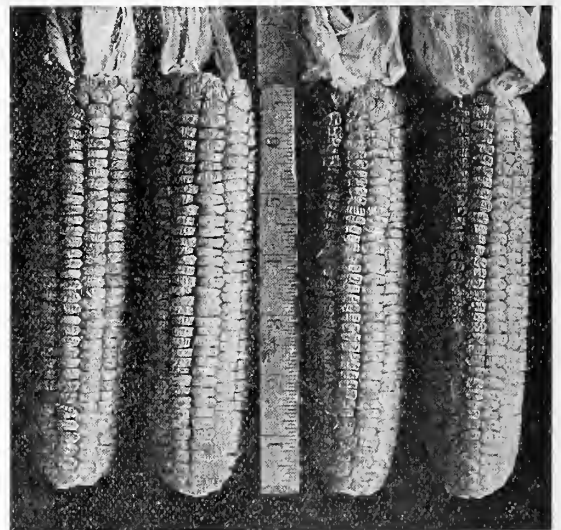
The most popular variety of yellow sweet corn ever offered; also one of the earliest and hardiest. It can be planted safely earlier than other varieties. The plants rarely grow over 3½ feet in height, and usually bear at least two ears, 5 or 6 inches long, on each stalk. Many people assert that Golden Bantam is the sweetest of all corns; its plump, rich, cream-yellow kernels are tender, milky, and delicious. All our Golden Bantam seed is Northern grown, making it especially valuable for growth in sections where the summers are cool and short. 1 lb., 30 cts.; 2 lbs., 50 cts.; 12 lbs., \$3.00. Selected ears, 10 cts. each; by mail, 15 cts.

GOLDEN DAWN

An extra early yellow variety, sweet and tender, ears slightly larger than Golden Bantam. Kernels large and deep set in even rows and filling the cob to the tip. Stocks about 6 ft. high. Our stock of Golden Dawn is grown in eastern Massachusetts and has been most carefully selected. Pkg., 15 cts.; lb., 30 cts.; 2 lbs., 50 cts.; 12 lbs., \$3.00.

GOLDEN ORANGE SWEET CORN

A popular sort among the farmers and market gardeners in southern New Hampshire, Maine and eastern Massachusetts. Can be classed as an extra early sort, from 7-8 inches in length, slender, with small cob, kernels large, deep; set in even rows and filling out the ears to the tip. Pkt., 15 cts.; 1 lb., 30 cts.; 2 lbs., 50 cts.; 12 lbs., \$3.00.



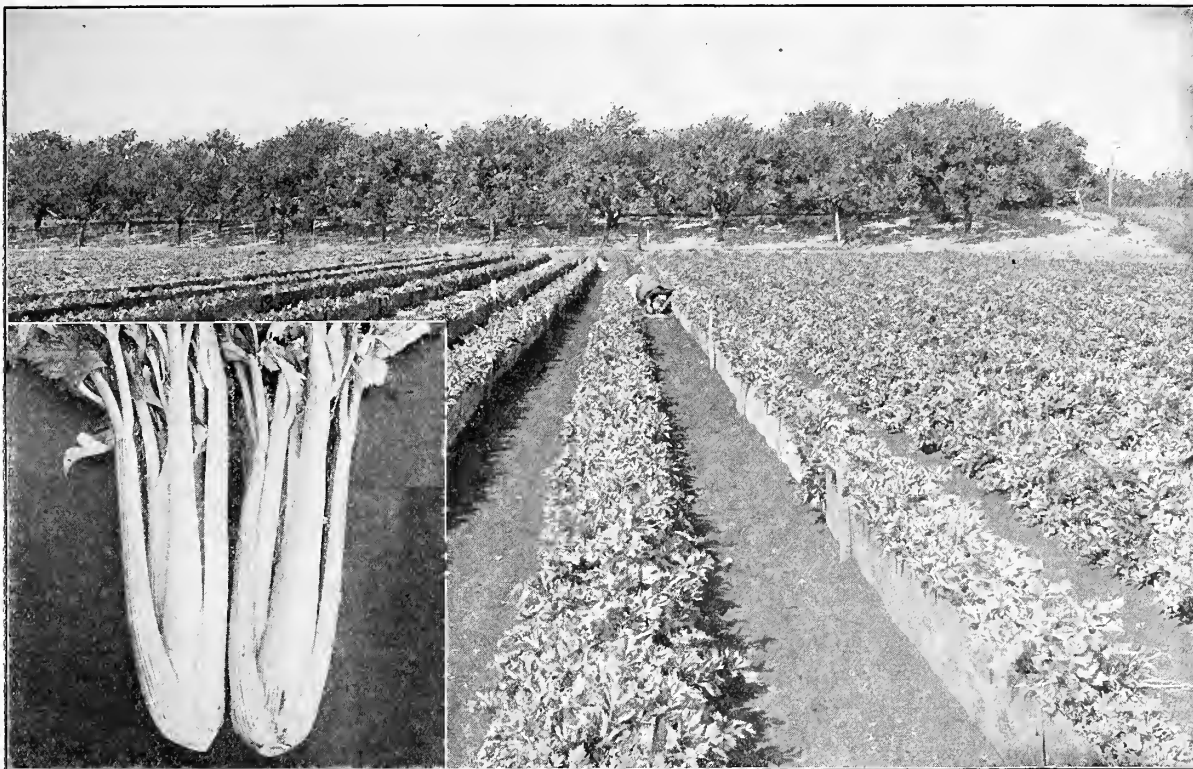
Golden Giant Sweet Corn

RED COB GOLDEN BANTAM CORN

A true descendant of the Golden Bantam. It was discovered several years ago by Mr. Briggs of Newton, Mass., and on account of its extreme sweetness and tenderness was given the opportunity of proving its worth. The dry seed is of crimson hue but when in the green state if placed side by side with the Golden Bantam, could not be told from it, except that the ears and kernels average somewhat larger. Aside from its sweetness and tenderness, another point in its favor is that the kernels have practically no hulls. The cob is of a decided crimson color and the foliage is streaked with red. Matures at the same time as its parent stock. Price, per sealed package, 25 cts. postpaid; per lb., 50 cts., postage extra.

WHITE RICE POPPING CORN FOR SEED

Choice selected, white rice corn. Per lb., 50 cts.; per 100 lbs., 18 cts. per lb.; postage extra.



Golden Self-Blanching Celery

Celery

(*Apium graveolens*)

German, "Sellerie."—French, "Celeri."—Spanish, "Apio"
(For price on Celery Plants, see Vegetable Plants.)

Since celery seed is extremely small and rather slow in germinating, it is important that the seed-bed be of good, rich soil, thoroughly prepared. About the middle of April sow thinly in a hot-bed or cold frame, in rows 2 inches apart, taking care to cover the seed with not more than $\frac{1}{8}$ of an inch of fine soil. Place pieces of burlap over the bed until the seeds have germinated, and water by sprinkling the burlap. When the seedlings are $2\frac{1}{2}$ or 3 inches high transplant into a moist seed-bed, setting the plants 4 by 4 inches. To ensure stocky plants the tops may be cut back once or twice before setting in the field. Celery does well in any deep, richly-manured soil. Make the rows about 4 feet apart, and leave 5 or 6 inches between plants in the row. Cultivate frequently, but not

deeply, to keep down weeds and to conserve moisture. With the advent of cool fall weather, begin to draw earth up about the plants, keeping the stalks well together; continue this process of ridging until late autumn when only the tops of the leaves should remain uncovered. The golden Self-Blanching variety is usually blanched by means of boards 12 or 15 inches wide set on edge on either side of the row. Celery should be stored where the air will remain cool and fairly moist. Simply set the plants close together in an upright position with several inches of soil about the roots. Cold frames, when dug to the proper depth, afford very satisfactory conditions for storing this crop. The frames should be covered with boards, lapped to shed the rain; if sash is used, under the boards, it can be blocked up slightly on mild days to give ventilation. The turnip-rooted variety, which does not require blanching, may be planted in rows about 15 inches apart.

One ounce of seed should produce about 3000 plants.

Breck's Golden Self-Blanching. The variety most extensively grown in all sections of the country, for all purposes, by both market and private gardeners. The plants are compact with abundant foliage, short, thick stems, and large, solid hearts. The stalks, which are rich in flavor, tender, crisp and brittle, may be blanched readily to a beautiful creamy white. Our selected strain of this grand variety is a favorite among commercial growers in this locality. Pkt., 25c; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00.

| | Pkt. | Oz. | $\frac{1}{4}$ lb. | Lb. |
|---|--------|--------|-------------------|-----|
| Breck's Boston Market. Popular market garden variety; tender, mild flavor; good keeper..... | \$0.15 | \$0.85 | \$3.00 | |
| Giant Pascal. A strong grower, and wonderful keeper, quality very fine | .10 | .50 | 1.75 | |
| White Plume. This variety can be blanched with boards. It is usually solid, and of pleasing nutty flavor | .10 | .50 | 1.75 | |
| Celeriac, or Turnip-Rooted. The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad | .10 | .50 | 1.50 | |
| Celery Seed for Flavoring..... | .05 | .10 | .20 | .60 |

Cress—Curled, or Peppergrass

(*Lepidium Sativum*)

The popular sort. Sow thickly in drills, $\frac{1}{4}$ of an inch deep and a foot apart as early in spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.25.

Upland Cress

(*Barbarea vulgaris*)

A perennial variety resembling Water Cress. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Water Cress

(*Nasturtium officinale*)

This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about a quarter of an inch deep. Pkt., 10c; oz., 75c.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Improved White Spine Cucumber

Cucumber

(Cucumis sativis)

German, "Gurken."—French, "Concombre."
Spanish, "Pepino"

Seed should be started under glass about May 1st, for an early crop in order to have plants ready to set out in the garden 3 or 4 weeks later when the ground has become thoroughly warm. Plant the seed in paper or earthen pots not less than 4 inches in diameter, in berry baskets, or other receptacles which can be handled easily and carried to the field without disturbing the young plants; leave only the 3 or 4 strongest seedlings in each container. Well-rotted manure or fertilizers may be dug into the hills a week or two before planting time. In every good soil the distance between hills should not be less than 4 by 5 feet; in less fertile soils 4 by 4 feet will answer. It is generally safe to plant seed in the garden until late in May; for pickles the middle of June is early enough. Cultivate often, and continue as late in the season as is possible without injuring the plants. Always pick cucumbers before they begin to turn white or yellow. One ounce of seed will plant about 50 hills.

| | Pkt. | Oz. | ¼ lb. |
|---|--------|--------|--------|
| Boston Pickling. Abundant crop of short, dark green fruit..... | \$0.10 | \$0.20 | \$0.60 |
| Breck's Forcing White Spine. This seed raised from selected specimens by a Massachusetts market gardener and is the best obtainable.....Lb., \$20.00 | .50 | 2.50 | 6.00 |
| Cool and Crisp. Extra early, long straight and slender, dark green color | .10 | .20 | .60 |
| Cumberland. Very best pickling sort.... | .10 | .20 | .60 |
| Davis Perfect. Splendid variety, dark green, 10 to 12 inches..... | .10 | .25 | .75 |
| Early Cluster. Grows in clusters. Bluish green color | .10 | .20 | .60 |
| Early Frame. Medium size. Valuable for both table and pickling..... | .10 | .20 | .60 |
| Early Russian. Earliest variety. About 4 inches long..... | .10 | .20 | .60 |
| Everbearing. Medium size, early and productive | .10 | .20 | .60 |
| Evergreen. Without an equal, quantity and quality considered..... | .10 | .20 | .60 |
| Japanese Climbing. Productive, fine quality. Excellent climbing vine..... | .10 | .25 | .75 |
| Long Green Improved. Late, 12 inches long, tender, excellent flavor..... | .10 | .25 | .75 |
| Klondike. Medium sized, uniform cucumber, 7 inches long, diameter of about 2 inches when in first class condition for slicing. Color a rich dark green. Highly recommended | .10 | .25 | .75 |
| West India Gherkin. Short green oval cucumber for pickling..... | .10 | .25 | .75 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

| | Pkt. | Oz. | ¼ lb. |
|---|------|-----|-------|
| White Spine Improved. General favorite and most popular variety, early, uniform in size, splendid slicing cucumber | .10 | .20 | .60 |
| White Spine Arlington. Seeds from selected stock of the Improved White Spine, giving cucumbers of more uniform size and better color. This strain used largely for forcing in the greenhouse | .15 | .30 | 1.00 |

English Frame Varieties

These are grown chiefly by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality.

Tender and True, Blue Gown, The Rochford. Each, per pkt., 50c.

Dandelion

(Taraxacum officinale)

German, "Pardeblum."—French, "Pisse-en-lit."
Spanish, "Amargon"

When growing in deep rich soil cultivated varieties produce large, tender leaves much superior to those of the wild dandelion, both in size and flavor. Sow seed early in May in shallow drills about a foot apart; later, thin the plants to 6 inches apart in the row, and cultivate to keep down the weeds. If blanched with soil the leaves make excellent salad. The plants may be held over winter by covering with litter, after the ground freezes, but before the advent of severe weather.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| American Improved. Large fleshy leaves..... | \$0.25 | \$1.00 | \$3.50 |
| French Garden | .10 | .60 | 1.75 |
| Thick-Leaved French. Large and tender.. | .15 | .75 | 2.00 |

Egg-Plant

(Solanum melongena)

German, "Eierpflanze."—French, "Aubergine."
Spanish, "Berengena"

(For price of Plants, see Vegetable Plants.)

Owing to their extreme tenderness egg-plants should not be set out in the garden much before the middle of June. This vegetable may well be planted in soil heavily manured for some earlier crop such as radishes. Sow in a hot-bed about April first, transplant into another bed, and later shift into 4 or 5 inch pots. In warm, settled weather transfer to the garden, setting the plants 2 by 3, or 3 by 3 feet. Conservation of moisture is important. One ounce of seed will produce about 1000 plants.

| | Pkt. | Oz. |
|---|--------|--------|
| Black Beauty. Early, fruit jet black, round in form and very solid..... | \$0.15 | \$0.85 |
| Early Long Purple. Differing only in shape from the foregoing; hardy and productive... | .15 | .85 |
| New York Improved. The leading market variety; excellent and very productive..... | .15 | .85 |



Cos Lettuce

Endive

(Cichorium Endiva)

German, "Endivien."—French, "Chicoree."
Spanish, "Endiva"

Although endive is sown chiefly in the latter part of July for winter use, an early crop may be started in April. Sow in shallow drills a foot apart in rich, moist soil, and later thin the plants to one foot apart. Unless wanted for soups, the leaves should be blanched when 6 or 8 inches long by tying the tops together around the heart with coarse twine or raffia. This should be done only when the plants are dry or they will rot. Moreover, do not blanch the plants faster than they can be used. Blanching usually requires 15 or 20 days. Before freezing weather the plants may be lifted with some earth adhering to the roots, and reset in a cool cellar or shaded cold frame. Stored in this way endive may be preserved well into the winter. One ounce of seed will sow 150 feet of drill.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| Broad Leaved (Escarolle). A very sweet variety for fall and winter use..... | \$0.10 | \$0.30 | \$1.00 |
| Green Curled. The standard sort, suitable for fall and winter..... | .10 | .35 | 1.00 |
| Moss, or Parisian Curled. A small, very beautifully curled sort..... | .10 | .35 | 1.00 |
| White Curled. Grown for early use..... | .10 | .35 | 1.00 |

Florence, or Sweet Fennel

(Foeniculum dulce)

Fenouil de Florance. Finnochio di Napoli

A delicious Italian vegetable which tastes quite like Celery, but is a little sweeter and more delicate in flavor. The enlarged leaf-bases are usually boiled in preparation for the table.

Sow at intervals in the spring, in rows 18 inches apart. Thin the seedlings to 6 or 8 inches apart in the row, and cultivate frequently. Later, blanch the bottom and stalks by earthing-up like celery. Pkt., 10c; oz., 50c.

Kale—See Borecole



Breck's Boston Market Lettuce

Lettuce

(Lactuca Sativa)

German, "Lattich-Salat."—French, "Laitue."
Spanish, "Lechuga"

(For price on Lettuce Plants, see page 43.)

Lettuce is the most popular of all salad plants, and, at the same time, is one of the easiest to grow due to its comparative freedom from disease and insects. While all types of lettuce thrive in properly enriched, loose, light loams, they will grow satisfactorily in any good garden soil; heading varieties, particularly, should never be planted in compact heavy soils. A satisfactory way of starting the early crop is to sow in hot beds in March, and transplant to 2 by 2 inches preferably in flats, which may be transferred to cold frames when the plants are strong enough. Plants that have been properly hardened in cold frames may be set out of doors as early as the ground can be prepared; the rows should be made 12 or 15 inches apart, with plants 1 foot apart in the rows. Seed may be sown in the open from the latter part of April until the middle of August.

Most of the Cos varieties will be of finer quality if blanched by tying the tops together with soft twine or roffea when the plants have nearly attained their growth.

Breck's Boston Market, Big Boston and Hittinger's Belmont are especially suitable for growing under glass.

One ounce of seed will produce about 4000 plants.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|--------|
| Big Boston. Suitable for cold frames or open ground..... | \$0.10 | \$0.30 | \$0.75 | \$2.50 |
| Breck's Black Seeded Tennis Ball. Arlington strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves..... | .10 | .40 | 1.25 | 4.50 |
| Black Seeded Simpson. A superior variety, large, light colored heads..... | .05 | .15 | .30 | 1.00 |
| Breck's Waban. Early, bronze edge, loose heading, crisp..... | .10 | .40 | 1.00 | |
| California Cream Butter. A summer cabbage lettuce. Large leaves, glossy but deep green, splashed with brown; solid head, color light yellow..... | .10 | .30 | 1.00 | |
| May King. Large, solid head, tender, yellow heart..... | .10 | .40 | 1.25 | |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Lettuce—Continued

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|--------|
| Boston Curled. Esteemed for its earliness, beauty and good table qualities | \$0.05 | \$0.25 | \$0.75 | \$2.50 |
| Breck's Boston Market. A carefully selected strain of White Seeded Tennis Ball. Grows very compact, and is a most profitable forcing variety | .15 | .75 | 2.50 | |
| Early Curled Simpson. Early, forms a compact mass of tender leaves of a yellowish-green color..... | .05 | .20 | .60 | 1.50 |
| Early Prize Head. Large heads, dark colored, tender and fine..... | .05 | .25 | .60 | 2.00 |
| Grand Rapids Foreign. Large and tender, fine for forcing..... | .10 | .25 | .75 | 2.50 |
| Hanson Improved. One of the best outdoor sorts, large, solid, heavy, crisp heads | .05 | .25 | .60 | 1.50 |
| Hittinger's Belmont. Unsurpassed for greenhouse forcing. Heads are larger than White Seeded Tennis Ball, and a little later; seed is local grown and highly selected.. | .15 | .75 | 2.50 | |
| Iceberg. Large, solid heads, handsome, tender and crisp..... | .05 | .20 | .50 | 1.25 |
| Mignonette. A variety which forms small, compact heads; excellent for the home garden..... | .10 | .30 | .75 | |
| Paris White Cos, or Romaine. Very early; requires tying to blanch... | .10 | .30 | .75 | 2.00 |
| Salamander. One of the best summer cabbage sorts..... | .10 | .25 | .75 | 2.00 |
| Sensation. Excellent for forcing or outdoor culture; it does well during the hot summer months; heads large and solid..... | .05 | .20 | .60 | 1.75 |
| Trianon, Self-Closing Cos. The best cos sort, withstands warm weather | .10 | .40 | 1.00 | |
| White Seeded Tennis Ball. Large heads; a leading sort..... | .10 | .60 | 2.00 | |
| Lettuce for Birds | | | .10 | .30 |

Leek

(*Allium porrum*)

German, "Lauch."—French, "Poireau."—Spanish, "Puerro"

Sow the seed in moist soil as early in spring as the ground can be prepared. In July cut back the tops severely and transplant the seedlings forthwith, setting them at least 4 inches apart in trenches 5 inches deep and one foot apart. As the plants grow, gradually fill in the trenches.

One ounce of seed will sow 100 feet of drill.

| | Pkt. | Oz. | ¼ lb. |
|---|--------|--------|--------|
| Large Flag. A hardy and profitable sort, excellent for winter use..... | \$0.10 | \$0.50 | \$1.50 |
| Large Rouen, Winter. Large and of fine flavor. Remains a long time in good condition | .10 | .60 | 1.50 |
| Musselburgh or Carentan. The famous Scotch sort, large, hardy and distinct.. | .10 | .50 | 1.25 |

Kohl-Rabi (Turnip Rooted Cabbage)

(*Brassica oleracea canlorapa*)

German, "Kohl Rabi."—French, "Chou-Rave." Spanish, "Col de nabo o Nabicol"

This vegetable, the enlarged stems of which are superior to the turnip in flavor, is closely related to cabbage, and no more difficult to grow. Early plants can be started in hot beds in the same manner as cabbage. Seed may be sown in the garden in May, June and July, in shallow drills 18 inches apart; later, thin the plants to 8 inches apart in the row. Kohl-Rabi should be eaten when about 3 inches in diameter, before the flesh becomes woody. One ounce of seed will sow 150 feet of drill.

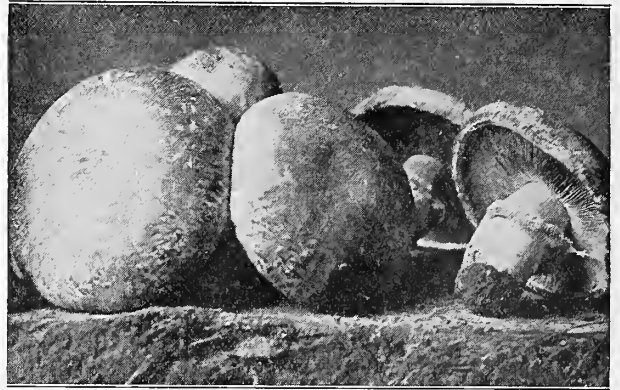
| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| Early White Vienna. Flesh white..... | \$0.10 | \$0.50 | \$1.50 |
| Early Purple Vienna. Differing from the above in color..... | .10 | .50 | 1.50 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Mushroom

(*Agaricus campestris*)

German, "Champignon."—French, "Champignon." Spanish, "Hongo"



Mushrooms may be grown in cellars, sheds, under greenhouse benches, or wherever the temperature will range between 50 and 65 degrees and is fairly uniform. Fresh stable manure, composed of about equal amounts of horsedroppings and straw or litter, is the best material of which to make the beds. Mix three parts of manure with one part of fresh loam. Before this mixture is used it should be piled in heaps about 3 feet high and moistened throughout, but not drenched. Every 4 or 5 days fork the heaps over carefully and tread them down. In from 2 to 3 weeks when the temperature in the heaps has dropped somewhat, the bed should be made. Spread a thin layer of the mixture and tramp or pound it firm; repeat this process until the bed is 10 or 12 inches deep; leave it thus for a few days until the temperature inclined to rise suddenly at first, has declined to about 70 or 75 degrees. Conditions will then be suitable for spawning, which is done by making boles about 3 inches deep and one foot apart each way; into each hole insert a piece of spawn about 1½ inches square and fill in the hole with compost. In about ten days, when the spawn has had time to diffuse itself through the bed, spread a layer of fine loam over the surface to the depth of 1 or 1½ inches. A light mulch of straw will help to conserve moisture. Ordinarily, mushrooms should begin to appear in from six to ten weeks and continue to come for about two months. If the surface of the bed becomes dry, sprinkle it with water at a temperature of about 80 degrees. When the bed is apparently exhausted it may often be stimulated to further production by spreading over it ½ an inch of fresh loam and watering thoroughly, using warm water to which sheep manure has been added at the rate of ½ a pound to 3 gallons.

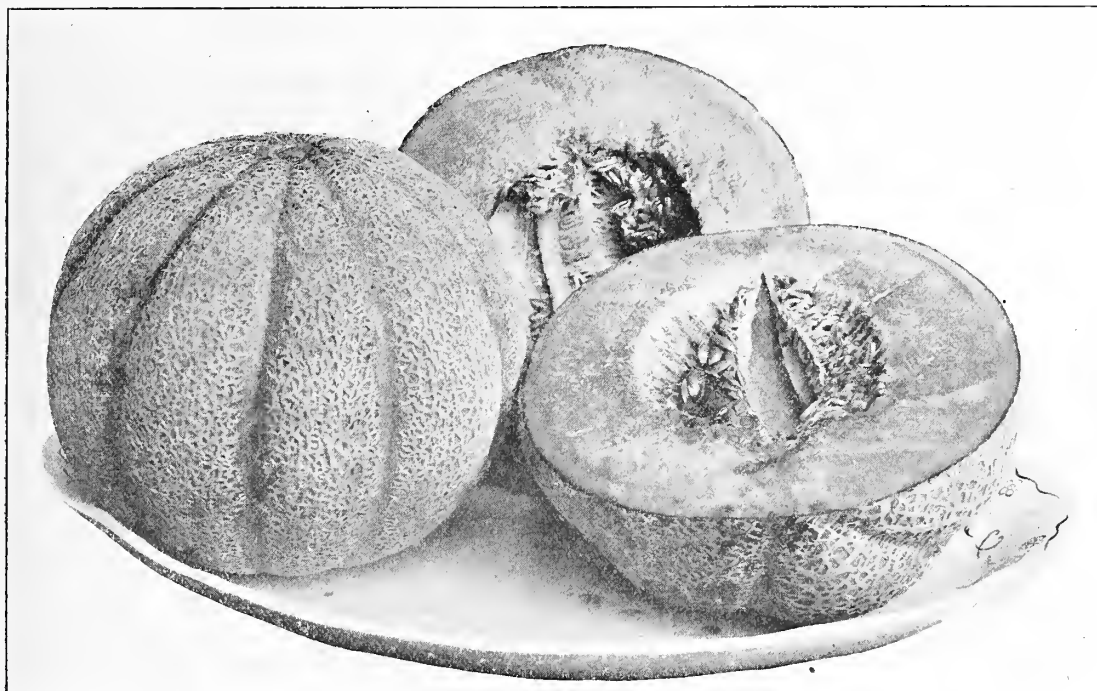
One brick of Spawn is sufficient for ten square feet of bed.

Pure Culture Spawn can be relied upon to produce mushrooms of a uniform type and color. Its use positively precludes all danger of growing poisonous varieties. The culture with which the bricks are inoculated are taken from carefully selected, prolific mushrooms of the most desirable cream white variety—the sort preferred by connoisseurs. There are two kinds of bricks, Direct and Standard; the former are inoculated directly from an original culture; the latter from a pure culture produced from an original.

All bricks are fresh, being received at frequent intervals from the laboratory.

Mushroom Spawn. Direct Bricks, Standard American. Pure culture. Prices, 35c per brick; 20 bricks, \$6.00; 100 bricks, \$25.00.

"Mushroom Growing," by Duggar, \$1.50.



Muskmelon
(*Cucumis melo*)

German, "Melone."—French, "Melon."—Spanish, "Melon"

Good muskmelons may be grown in almost any soil if it is skillfully handled; a sandy loam that was heavily manured the previous year for some other crop such as onions, or carrots, is ideal. Begin to prepare the soil early in spring. Late in May, when the ground is warm, plant the seed 1 inch deep in hills 5 or 6 feet apart each way, putting in 8 or 10 seeds per hill. Frequent and shallow cultivation is essential to success. Much trouble with insects is often avoided by starting the plants under glass. Plant the seed in berry baskets, pots or other containers from which the seedlings can be removed easily, and without disturbing the soil about their roots.

Tobacco or plaster dust sprinkled on the plants makes them distasteful to insects. The striped cucumber beetle is perhaps the most destructive pest likely to attack melon vines. One ounce of seed will plant about 50 hills; 2 to 3 pounds, 1 acre.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|--------|--------|--------|--------|
| Bay View Cantaloupe. Large size, green flesh, fine flavor, late..... | \$0.05 | \$0.15 | \$0.40 | \$1.50 |
| Breck's Improved Emerald Gem. Large solid orange flesh..... | .10 | .25 | .75 | 2.00 |
| Rocky Ford or Netted Gem. Very popular, flesh light, green color, sweet and delicate flavor..... | .10 | .25 | .75 | 1.50 |
| Early Christiana. Green with yellow flesh, an excellent early sort..... | .05 | .15 | .40 | 1.50 |
| Emerald Gem. Small but prolific, superior quality..... | .10 | .20 | .75 | 1.75 |
| Hackensack. Large, productive and fine flavored..... | .05 | .15 | .40 | 1.50 |
| Honey Dew. A large light colored smooth skin melon, weighing eight to ten pounds. Thick flesh; color, light green. Delicious honey-like flavor..... | .10 | .50 | 1.50 | |
| Miller's Cream. Osage type, thick, salmon-colored flesh..... | .10 | .25 | .85 | 1.75 |
| Montreal Green Nutmeg. Early, large size, excellent quality..... | .10 | .30 | .85 | 1.75 |
| Osage. Light green, netted skin, orange flesh, good quality..... | .10 | .20 | .50 | 1.75 |

For free delivery offers and general instructions regarding orders and shipments, see third page of cover.

Melons for Forcing
(Improved Varieties)

Invincible Scarlet. Form globular, orange-red when ripe, fine flavor. Pkt., 50c.
Sutton's A-1 Improved. Scarlet fleshed variety of delicious flavor. Pkt., 50c.

Melon (Water)
(*Citrullus vulgaris*)

French, "Melon d'eau."—German, "Wassermelone."
Spanish, "Sandia"

Watermelons require the same general treatment as muskmelons, but being more tender they should have the best possible exposure. Make hills at least 8 by 8 feet apart. Watermelon seed is usually sown in the open ground. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|--------|--------|--------|-----|
| Black Spanish. Scarlet flesh, thin rind, sugary flavor..... | \$0.10 | \$0.15 | \$0.50 | |
| Citron. For preserving..... | .10 | .15 | .50 | |
| Cole's Early. Medium size, red flesh, green skin..... | .10 | .15 | .50 | |
| Cuban Queen. Round, large, bright red.. | .10 | .15 | .50 | |
| Hungarian Honey. Very early, round shape, brilliant red flesh..... | .10 | .10 | .50 | |
| Ice Cream. Medium size, solid, scarlet flesh, fine flavor..... | .10 | .25 | .75 | |
| Mountain Sweet. One of the best for general culture..... | .05 | .10 | .25 | |
| Phinney's Early. Standard sort for New England, bright red flesh, sweet and tender..... | .05 | .10 | .25 | |
| Sweetheart. Very large, fine quality..... | .05 | .10 | .25 | |
| Vick's Early. Early, medium size, oblong form, pink flesh..... | .05 | .10 | .25 | |

Martynia

The seed pods are used for pickling, and should be gathered when green and tender. Although some gardeners prefer to start the plants in hot beds, sowing can be made out of doors late in May.

It is customary to plant several seeds together at 3-foot intervals in rows 3 feet apart. Later thin out so that the plants will stand 3 feet apart each way.

Martynia Proboscidea. Pkt., 10c; oz., 50c.



Part of our Massachusetts Grown Yellow Globe Danvers Onion. Picture taken a short time before the seed was harvested

Onion

(Allium cepa)

Ger., "Zweibel."—Fr., "Ognon."—Spanish, "Cebolla"

The onion requires a very fertile soil for the best development of its bulbs. While muck and peat soils are ideal, sandy loams properly enriched with well-rotted manure furnish excellent conditions. Onions should always be grown on practically level land, or considerable loss may be sustained from washing. As early in spring as the land can be worked, sow seed sparingly in drills 1 foot apart and about ½ inch deep. Unless the soil is quite moist it should be pressed firmly down on the seed to insure rapid and uniform germination. Weeding and thinning must be done by hand; at the first weeding, thin out to about 8 plants per linear foot of row. Cultivation should be shallow and frequent. When all the tops are yellow the onions are usually pulled and left on the ground, for 10 days or more if the weather is favorable, until the outer skin of the bulbs is dry; after the first three or four days, stir them occasionally with a wooden rake to hasten the process. One ounce of seed will sow 100 feet of drill; from 4 to 5 pounds, 1 acre.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|------|
| Yellow, Breck's Globe Danvers. This is a home grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable | \$0.25 | \$0.85 | \$3.00 | |
| Yellow, Globe. Grown from selected bulbs, a very good type..... | .10 | .50 | 1.50 | 5.00 |
| Yellow, Southport Globe. Handsome and distinct, somewhat late..... | .10 | .50 | 1.50 | 5.00 |
| Yellow, Early Cracker. Flat shape, early and a good keeper..... | .05 | .40 | 1.25 | 4.50 |
| Yellow, Prizetaker, or Globe Spanish. Large, light yellow..... | .15 | .75 | 2.50 | 7.00 |
| Red Globe (Southport Strain). The finest large red sort..... | .10 | .50 | 1.75 | 6.00 |
| Red, Large Wethersfield. Immense yielder, excellent keeper | .10 | .40 | 1.50 | 5.00 |
| Red, Extra Early. Flat shape, deep red, mild flavor | .10 | .40 | 1.50 | 5.00 |

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|------|------|-------|------|
| Red Italian Tripoli. Large size, flat sbape, mild flavor..... | .15 | .60 | 2.00 | 6.00 |
| Giant Rocca. Globe-shape, light red, very mild flavor..... | .15 | .60 | 2.00 | 6.00 |
| Giant Gibraltar. Selection from a Spanish onion known as Denia; grows very large; color, light yellow | .25 | 1.00 | 3.50 | |
| Ailsa Craig Onion. A variety that will grow to enormous size, globular, skin light yellow, flesh white, good keeper; grown largely for exhibition purposes | .25 | 1.00 | 3.50 | |
| White Globe (Southport Strain). Mild flavor, early and large, not a good keeper..... | .10 | .60 | 2.25 | 6.00 |
| White Italian Tripoli. Large white variety, mild | .15 | .60 | 2.00 | 6.00 |
| White Portugal. Large, flat shape, mild flavor, not a good keeper... | .10 | .50 | 1.75 | 6.00 |
| White Queen. Small, pure white, extra early, fine for pickles..... | .10 | .50 | 1.75 | |
| White Mammoth Garganus, or Silver King. Silvery white, large size, mild flavor..... | .10 | .60 | 2.00 | 7.00 |

Mustard

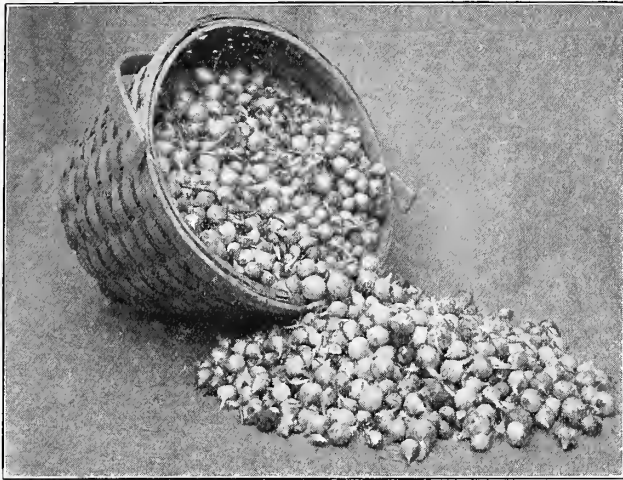
(Brassica)

Ger., "Senf."—Fr., "Moutarde."—Spanish, "Mostaza"

Mustard is usually cultivated for salad purposes, but may also be used for greens. Seed may be sown from April to August in shallow drills 12 or 15 inches apart. The leaves should be cut for use when about 2 inches long. One ounce of seed will sow 50 feet of drill.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|-----|
| Brown or Black. More pungent in flavor than white | \$0.05 | \$0.25 | \$0.50 | |
| Chinese. Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad..... | .10 | .25 | .75 | |
| White London | .05 | .15 | .40 | |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Onion Sets

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

| | Qt. | Pk. |
|----------------------------|--------|--------|
| Yellow | \$0.30 | \$1.75 |
| Potato Onions | .35 | 2.00 |
| Top, or Button Onions..... | .35 | 2.00 |
| White | .35 | 2.00 |
| Shallots | .35 | 2.00 |
| Red | .30 | 1.75 |

Okra, or Gumbo

(*Hibiscus esculentis*)

German, "Essbarer."—French, "Gumbo."
Spanish, "Quibombo"

This warm weather vegetable grows freely in any ordinary garden soil. Its tender young seed-pods are used in soups and stews. About the middle of May, sow seed sparingly in drills 3 feet apart and 2 inches deep; later, thin the plants to 12 or 15 inches apart in rows. One ounce of seed will sow 50 feet of drill.

| | Pkt. | Oz. | ¼ lb. |
|---|--------|--------|--------|
| Dwarf Green. Early and productive, tender pods | \$0.10 | \$0.25 | \$0.50 |
| Tall Green. Later than the foregoing, an immense cropper, pods extra large and tender | .05 | .15 | .25 |
| White Velvet. Large, creamy-white pods, very tender | .05 | .10 | .25 |

Parsley

(*Carum petroselinum*)

German, "Petersilie."—French, "Persit."
Spanish, "Perejil"

Parsley is the most beautiful vegetable grown for garnishing and flavoring purposes. It will thrive in any fertile garden soil; a single row forms an effective edging for beds and walks. Sow early in spring, or at intervals until June, in shallow drills about 1 foot apart; when the plants are 2 inches high, thin out to 6 or 8 inches apart in the row. The seed germinates very slowly, and sometimes three weeks elapse before the seedlings appear. For winter use the plants may be set in protected cold frames. The Turnip-rooted variety should be treated in the same way as Carrots. One ounce of seed will sow about 150 feet of drill.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| Breck's Double Green Crest. A splendid sort for frames or open ground..... | \$0.25 | | |
| Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing.. | .10 | \$0.25 | \$0.75 |
| Fern-Leaved. Most exquisite in form and coloring | .10 | .25 | .75 |
| Hamburg, or Turnip-Rooted. Roots used for flavoring soups..... | .10 | .25 | .75 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Parsnip

German, "Pastinake."—French, "Panais."
Spanish, "Pastinaca"

Parsnips need a long growing season in order to reach maturity; consequently the seed should be sown early in spring. Any of the lighter types of soil, high in fertility, will grow smooth roots. Sow thickly in drills 15 or 18 inches apart and 1 inch deep; when the plants are well started, thin out to 5 or 6 inches apart in the row. Since parsnips are perfectly hardy, and freezing improves their quality, it is customary to dig in the fall only enough roots for winter use, leaving the balance of the crop in the ground until spring. One ounce of seed will sow about 100 feet of drill; 5 pounds, 1 acre.

Parsnip seeds of all kinds very scarce. Prices subject to change.

| | Pkt. | Oz. | ¼ lb. |
|--|--------|--------|--------|
| Breck's Market Garden. For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. | \$0.10 | \$0.30 | \$1.00 |
| Early Round, or Turnip-Rooted. Suitable for shallow soils, fine cropper and good quality | .10 | .30 | 1.00 |
| Hollow Crown. Standard sort, large, good flavor | .10 | .30 | 1.00 |
| Long Smooth White. Free from coarse roots, general favorite..... | .10 | .25 | .85 |

Joseph Breck & Sons,
Boston, Mass.

Gentlemen:—

I have received the copies of your 1917 Seed Catalog and wish to thank you for them. Your catalog is arranged in good shape and gives cultural directions of great value to our vegetable gardening students. Practically two hundred men will get an opportunity to look it over while planning home and student gardens.

Again thanking you, I am,

Very truly yours,

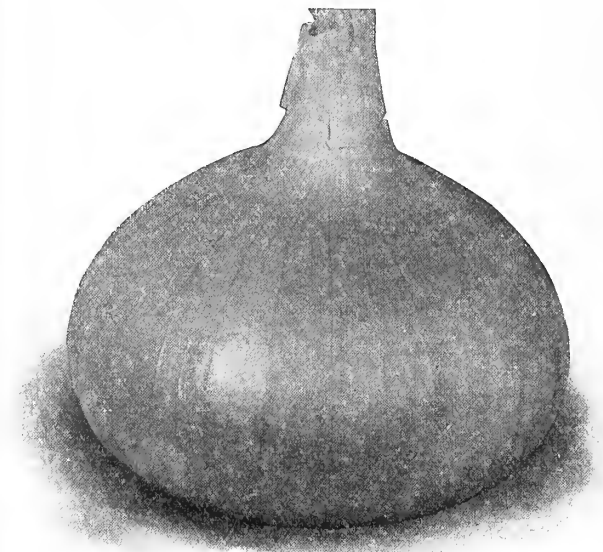
W. E. LOMMEL,
Instructor in Horticulture.

Gentlemen:

I wish to thank you for your prompt action in sending all seeds and bulbs. They arrived all O. K. and are doing well.

Very truly yours,

MRS. JOHN SPARROWK,
Southville, Mass.



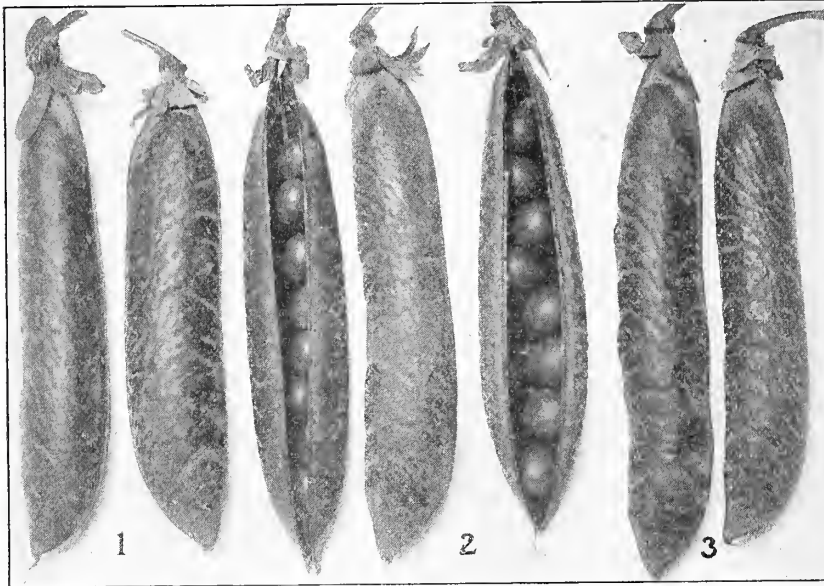
Ailsa Craig Onion

(For description see page 38)

PEAS

(*Pisum sativum*)

German, "Erbse."—French, "Pois."—Spanish, "Chicaros"



1—Gradus

2—Breck's Imp. Telephone

3—Alderman

EXTRA EARLY

1 lb. 2 lb. 15 lb.

| | | | |
|---|--------|--------|--------|
| Pilot. An extra early, round seeded or smooth Pea. Can be planted as soon as ground can be worked. Pods as large as the Gradus. Very prolific, highly recommended as an extra early market sort .....Pkt. .20 | \$0.35 | \$0.65 | \$4.00 |
| Pioneer. An improvement on the popular Laxtonian. Vines about 20 inches high; color, light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian .....Pkt. .25 | .35 | .65 | 4.00 |
| Laxton Superb. New early Pea which received Award of Merit from English Royal Horticultural Society. A very early, hardy, large podded, almost smooth seeded pea. Vigorous growth, very prolific; even growth of vine; height about 20 inches.....Pkt. .20 | .35 | .65 | 4.00 |
| Alaska, or Clipper. An extremely early, smooth, hlue pea. Vines about 2 feet high; dark green pods, well filled. Pkt. .15 | .35 | .60 | 4.25 |
| American Wonder. Height 12 to 15 inches. Very early wrinkled pea of fine quality .....Pkt. .15 | .35 | .60 | 4.25 |
| Breck's Excelsior. The earliest and best, tall-growing smooth pea.....Pkt. .15 | .30 | .50 | 3.25 |
| Breck's Old Glory. Superior to all other extra early varieties, size, quality, and productivity considered. A favorite market garden sort. Long, dark green pods packed with large slightly wrinkled peas; vines tall growing and vigorous .....Pkt. .15 | .35 | .60 | 4.25 |
| Claudit. An early, tall-growing variety of excellent quality. Peas large, deep green, and slightly wrinkled...Pkt. .20 | .35 | .60 | 4.25 |
| Gradus, or Prosperity. Derservedly the most popular early variety among both private and market gardeners in this locality. Pods large, pointed and uniform in shape; peas of fine flavor. Vines from 2½ to 3 feet in height. Pkt. .20 | .40 | .75 | 4.50 |

The pea is one of the few vegetables which almost invariably find a place in home gardens. Peas mature earliest in light, fertile loams, but will give good results in any well-prepared garden soil. Sow the smooth sorts as early in spring as the ground can be worked; after that, make successive plantings every ten days until about the middle of June, giving the wrinkled sorts the preference. From the middle to the end of July, when the driest and hottest weather of the season is usually over, plantings of the extra early varieties may again be made with reasonable hope of a crop. Plant in trenches, or wide furrows, 3 or 4 inches deep and from 18 inches to 4 feet apart, according to the height of the variety. Brush, or supports of some kind, should always be provided for the vines of tall growing sorts. All peas sold by weight, not by measure. One pound equals about 1 pint and 15 pounds about 1 peck, dry measure.

Two pounds of peas will plant about 100 feet of drill.

Peas by the packet, postpaid. At the prices noted below we do not deliver peas purchased by the pound, see

pounds, etc. For Parcel Post rates to your address, see page 3 of cover.

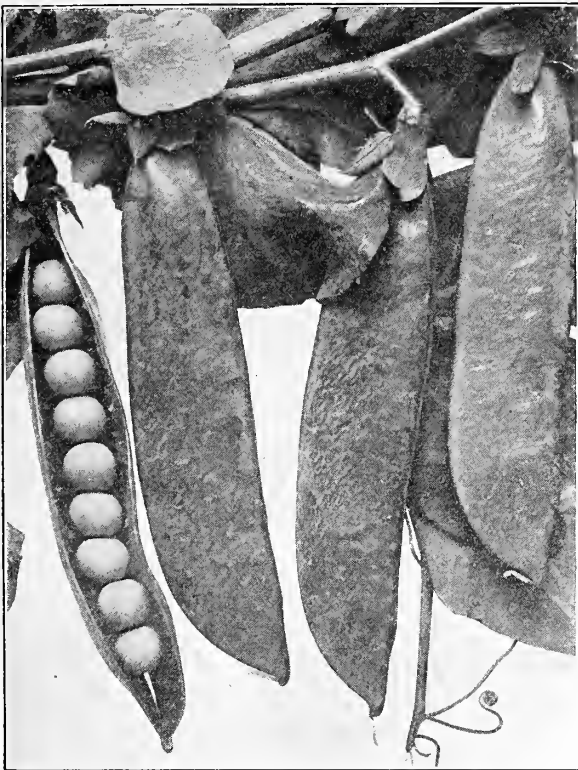
| | | | |
|---|-----|-----|------|
| Laxtonian. One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches. Pkt. .15 | .45 | .85 | 4.50 |
| Little Marvel. An extra early dwarf wrinkled pea, fast becoming popular in this locality. Vines bear a profusion of blunt-ended pods, well filled with large peas of fine quality.....Pkt. .15 | .35 | .65 | 4.25 |
| Nott's Excelsior. The standard of quality in home gardens. No other dwarf wrinkled pea is as widely planted. Vines of regular habit and about 14 inches high .....Pkt. .15 | .35 | .60 | 4.25 |
| Premium Gem. A desirable, early, wrinkled pea. Vines about 15 inches high .....Pkt. .15 | .35 | .60 | 3.50 |
| Sutton's Excelsior. An early, dwarf, wrinkled pea with exceptionally large pods. Matures as early as Nott's Excelsior and is its equal in quality Pkt. .20 | .40 | .70 | 4.25 |
| Thomas Laxton. This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality, it may be planted about as early as smooth varieties.....Pkt. .20 | .40 | .70 | 4.75 |
| The Record. A popular large-podded extra early, wrinkled pea which matures several days earlier than the well known Gradus. Its growth is quite similar to that of Gradus but somewhat dwarfer and stouter; pods uniformly large, measuring 4½ to 5 inches, nearly round and packed with handsome wrinkled peas of the finest flavor. The Record is an especially valuable sort for market gardeners because the peas will remain in good condition a remarkably long time after picking .....Pkt. .20 | .40 | .75 | 4.50 |

GARDEN PEAS—Continued

All Peas sold by weight, not dry measure.

LATE OR GENERAL CROP

| | | | |
|--|--------|--------|--------|
| Admiral Dewey. A splendid, large-podded, wrinkled pea of fine quality. Height 4 feet.....Pkt. .15 | 1 lb. | 2 lb. | 15 lb. |
| | \$0.35 | \$0.65 | \$4.25 |
| Blackeye Marrow. An excellent, old-fashioned smooth-seeded variety. Height about 4 feet.....Pkt. .10 | .25 | .45 | 3.00 |
| Breck's Improved Telephone. This is a distinct and desirable improvement on ordinary Telephone. It is the result of careful breeding and selection. Notwithstanding their size, these wrinkled peas are sugary, rich and tender. Height 4 feet.....Pkt. .15 | .35 | .65 | 4.25 |
| Champion of England. An old favorite which bears profusely; peas wrinkled. Few late varieties are its equal in quality. Height about 4 feet.....Pkt. .20 | .40 | .75 | 4.50 |
| Gladstone. The latest-maturing variety we offer. Large, deep, green, curved pods; peas wrinkled. Height 3½ to 4 feet .....Pkt. .10 | .20 | .35 | 2.50 |
| Pod Latch, or Improved Stratagem. A large-podded wrinkled pea of fine quality. Vigorous and productive vines about 30 inches high.....Pkt. .20 | .40 | .75 | 4.50 |
| Yorkshire Hero. Medium sizes, broad pods, well filled with large peas which remain tender for a long time after being picked. A wrinkled marrow of fine quality. Height about 2½ feet.Pkt. .15 | .35 | .65 | 4.00 |



Carter's Daisy, or Dwarf Telephone

Peas by the packet, postpaid.

SECOND EARLY

| | | | |
|--|--------|--------|--------|
| Abundance. Pods medium in size; peas wrinkled; quality very good. Height about 3 feet.....Pkt. .15 | 1 lb. | 2 lb. | 15 lb. |
| | \$0.35 | \$0.60 | \$4.25 |
| Alderman. One of the most satisfactory varieties for early main-crop. Pods long, filled with large wrinkled, deep green peas of superior quality. Height 4 to 5 feet.....Pkt. .20 | .40 | .70 | 4.25 |
| Everbearing. An excellent variety for private growers. Peas large, wrinkled, and of fine flavor. Height 3 feet. Pkt. .15 | .35 | .60 | 4.25 |
| Daisy, or Dwarf Telephone. A profuse bearer. Pods large; peas wrinkled, sweet and tender. Height 18 inches. Pkt. .20 | .50 | .85 | 5.00 |
| Dwarf Champion. A wrinkled pea quite similar to the well-known Champion of England excepting that the vines are only 2 or 2½ feet in height...Pkt. .15 | .35 | .65 | 4.25 |
| Duke of Albany, or American Champion. One of the largest varieties; height from 4 to 5 feet. Prolific, each pod containing 6 to 10 extra large wrinkled peas of good quality. A little earlier than Telephone .....Pkt. .15 | .40 | .75 | 4.25 |
| McLean's Advancer. A dwarf, green, wrinkled marrow of fine flavor. Popular in the vicinity of Boston..Pkt. .15 | .35 | .60 | 4.00 |

FRENCH PEAS

| | | | |
|--|-----|-----|------|
| Petit Pois. "Clamart Hatif." These small, delicate peas are much esteemed in Europe. Slender pods are about 3 inches long, slightly curved, and usually contain from 7 to 9 each. In France the vines grow to a height of 4 or even 5 feet.....Pkt. .20 | .40 | .75 | 4.50 |
|--|-----|-----|------|

(See Forage Crops for prices on Field Peas, Etc., page 52.)



Laxtonian Peas

Use Farmogerm on Garden Peas before planting. 50c and \$2.00 packages. Postpaid.



Irish Cobbler

Early Ohio

Green Mountain

BRECK'S SEED POTATOES

(Solanum Tuberosum)

(Prices subject to market changes.)

F. o. b. Boston.

A deep, mellow loam, rich in humus, furnishes ideal conditions for growing Potatoes, but good crops are raised on both heavier and lighter types of soil. Early varieties may be planted as soon as the ground can be prepared. Cut the tubers into pieces the size of hen's eggs; drop a piece of seed every 15 inches in furrows 3 feet apart, and cover to a depth of 3 or 4 inches. Cultivate at intervals of a week or ten days, gradually throwing earth up around the stalks after the plants are 4 inches high. For potatoes, fertilizers are unquestionably better than barnyard manure.

We furnish only Aroostook Grown Potatoes from hill selected seed stock, carefully inspected during growing season, sorted and graded to size.

EARLY VARIETIES

| | | Bbl. | |
|---|--------|--------------------|---------|
| | | 15 lb. 60 lb. Sack | 165 lb. |
| Irish Cobbler. The most popular and reliable early, white sort. Quite round with deep set eyes. Distinct type..... | \$0.85 | \$3.00 | \$8.00 |
| Early Rose. Red skin, standard early variety. An old favorite in New England | .90 | 3.25 | 8.00 |
| Early Ohio. A splendid sort, about a week earlier than Early Rose. Red skin, dry, mealy; one of the best for early market | 1.00 | 3.50 | 8.50 |
| Early Harvest. Medium size, early white | .85 | 3.00 | 8.00 |
| Early Northern. Red skin sort, seedling of Early Rose; early and prolific..... | .90 | 3.25 | 8.00 |

MEDIUM EARLY

| | | | |
|---|-----|------|------|
| Delaware. Very large, white throughout and extra quality..... | .85 | 3.00 | 8.00 |
| New Queen. Medium early, white, mealy texture | .85 | 3.00 | 8.00 |
| Norcross. Medium early, splendid sort, uniform size | .85 | 3.00 | 8.00 |

LATE VARIETIES

| | | | |
|--|-----|------|------|
| Beauty of Hebron. A standard sort, pure white skin and flesh, large main crop | .85 | 3.00 | 8.00 |
| Carmen No. 3. Large, smooth, white..... | .85 | 3.00 | 8.00 |
| Green Mountain. Large, handsome white potato; main crop; the standard winter variety | .85 | 3.00 | 8.00 |
| Miller's Prize. A main crop. White variety. Considered by many better than the Green Mountain..... | .85 | 3.00 | 8.00 |

Sweet Potato Plants

Plant rooted slips or cuttings the last of May or 1st of June in hills about 5 feet apart and 6 inches above the garden level. Light, rich warm soil is required. Nansmond. Best sort for New England. Per 100, 75c; add 15c per 100 if wanted by parcel post.

When planting Breck's Seed Potatoes use Mapes Potato Manure and insure a profitable crop.

Pumpkin

(Cucurbita)

German, "Kurbis."—French, "Courge."
Spanish, "Calabaza"

Plant 1 inch deep in hills 8 by 8 feet apart, late in May, in any highly enriched soil that is not clayey. When the plants are beginning to run, remove all but the two strongest from each hill. Farmers find field pumpkins a valuable addition to their stock feed, and commonly grow them in the cornfield, planting a few seeds in every third or fourth hill in alternate rows. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|--------|
| Connecticut Field. Very productive; largely grown for feeding stock.... | \$0.05 | \$0.15 | \$0.50 | \$1.50 |
| Large Cheese, or Kentucky Field. Very productive; grown for both stock and table..... | .10 | .25 | .75 | 2.50 |
| Mammoth King. This variety often weighs over 100 pounds..... | .10 | .25 | .75 | 2.50 |
| Mammoth Tours. Fruit large, often weighing 100 pounds; shape round, with faintly marked ribs, skin smooth | .10 | .25 | .75 | 2.50 |
| Quaker Pie. Good keeper, fine for pies | .10 | .25 | .75 | 2.50 |
| Sweet, or Sugar. Round, small, very sweet; excellent table variety.... | .05 | .15 | .50 | 1.50 |
| Winter Luxury. Fine pie pumpkin, round, color russet-yellow, flesh thick, fine flavor..... | .10 | .25 | .75 | |
| Pumpkin for Medicinal Purposes.... | | .10 | | 1.00 |

POTATO SPRAYS

For all leaf-eating insects use Corona Dry Arsenate of Lead.

To prevent blight, Corona Bordeaux Mixture Dry. Against Plant Lice, Corona Tobacco Dust, Dry or Black Leaf 40 (Nicotine Sulphate 40%).

For prices and additional information see pages 127-130.



Sweet Upright Pepper

Pepper

(*Capsicum annum*)

German, "Pfeffer."—French, "Piment."
Spanish, "Pimiento"

Sow the seed in hot-beds about the middle of March, and transplant the seedlings to 2 by 2 inches apart as soon as they are strong enough. It is an advantage to shift the plants again, two or three weeks later, into pots of proper size. In the latter part of May, when the ground is warm, plant in the garden in rows 2 feet apart, leaving 12 or 14 inches between plants in the row. Peppers should be cultivated in the same way as egg-plants, and will thrive in any well-drained soil.

One ounce of seed will produce about 2000 plants.

| | Pkt. | Oz. |
|---|--------|--------|
| Cayenne, Long Red. The pods of this variety are from 3 to 4 inches in length, cone shaped, and coral red when ripe..... | \$0.10 | \$0.75 |
| Large Bell, or Bull Nose. Fruit large, an early sweet variety | .10 | .50 |
| Chinese Giant. Grows very large and uniform; as early as Ruby King and very mild | .15 | 1.00 |
| Neapolitan. Early, large; skin bright red, very mild flavor. Fruit 4 inches long and 4 to 5 around | .10 | .75 |
| Pimiento. Desirable for salads or for stuffed Peppers. Medium size, thick flesh, mild flavor | .10 | .75 |
| Red Cherry. Fruit round, very productive and ornamental | .10 | .75 |
| Red Chili. Used for pepper sauce; small narrow pods, about 5 inches long; fine flavor... | .10 | .65 |
| Ruby King. Pods about 5 inches; fine flavor.. | .10 | 1.00 |
| Squash, or Tomato-Shaped. The kind most generally grown for pickling; an excellent sort | .10 | .85 |
| Sweet Mountain, or Mammoth. Similar in shape to the Large Bell, but of much larger size.. | .10 | .85 |
| Sweet Upright. A very desirable medium size sweet pepper. Fruits borne upright on plants, which are small and compact..... | .15 | .85 |

Radish

(*Raphanus Sativus*)

German, "Rettig," "Radieschen."—French, "Radis;" "Rave," "Petit Rave."—Spanish, "Rabano"

Loose, fertile, light loams are to be preferred for radishes; in distinctly clayey soils, the crop not only matures slowly, but the roots are usually rough, ill-shaped and of inferior quality. For a constant supply, sow at intervals of two or three weeks from early April until September. An early crop may be grown in the hot-bed in February. For use during the winter, the roots may be stored in earth in a cool cellar, but should be placed in cold water, for an hour or so, before they appear on the table.

One ounce of seed will sow 100 feet of drill; 10 pounds, one acre.

| | | | | |
|---|--------|--------|--------|--------|
| Turnip, Crimson Giant Forcing. Best Pkt. Oz. ¼ lb. Lb. of forcing sorts..... | \$0.10 | \$0.25 | \$0.75 | \$2.50 |
| Turnip, Early French Scarlet Forcing. The earliest of all..... | .10 | .25 | .75 | 2.50 |
| Turnip, Scarlet Globe. Fine for forcing or open ground..... | .10 | .25 | .75 | 2.50 |
| Turnip, Early Scarlet, White Tipped. Very early | .10 | .25 | .75 | 2.50 |
| Turnip, Large White Summer. Large size, good quality..... | .05 | .20 | .60 | 2.00 |
| Turnip, Rosy Gem. Bright red, tipped white, good quality..... | .10 | .25 | .75 | 2.50 |
| Turnip, Early Deep Scarlet. Very early and crisp..... | .05 | .20 | .60 | 2.00 |
| Olive-Shaped, Deep Scarlet. Quite early, fine for open ground..... | .10 | .25 | .75 | 2.50 |
| Olive-Shaped, French Breakfast. Early, scarlet with white tip..... | .10 | .25 | .75 | 2.50 |
| Olive-Shaped, White. An excellent summer sort | .05 | .20 | .60 | 2.00 |
| Long, Scarlet Short Top. Long and crisp, fine | .10 | .25 | .75 | 2.50 |
| Long, Icicle. Pure white, of fine flavor, suitable for forcing..... | .10 | .25 | .75 | 2.50 |
| Winter Long Black Spanish. The popular winter sort..... | .10 | .20 | .60 | 2.00 |
| Winter Round Black Spanish. A fine winter variety | .10 | .20 | .60 | 2.00 |

Rhubarb

(*Rheum Rhaponticum*)

German, "Rhabarber."—French, "Rhubarbe."—Spanish, "Rhubarbo Bastardo"

(For price of Rhubarb Roots see Vegetable Plants.)

Seed may be sown early in spring in shallow drills one foot apart; when the plants are 3 or 4 inches high, thin to about a foot apart in the rows. In the fall, or preferably the following spring, transplant into deep, rich soil, setting the plants about 3 by 3 feet apart. If propagated by dividing the roots, the work may be done either in spring or fall.

One ounce of seed will sow 100 feet of drill.

| |
|---|
| Linnaeus. Early, large and tender. Pkt., 10c; oz., 50c; ¼ lb., \$1.00. |
| Victoria. Very large, later than Linnaeus. Pkt., 10c; oz., 60c; ¼ lb., \$1.25. |

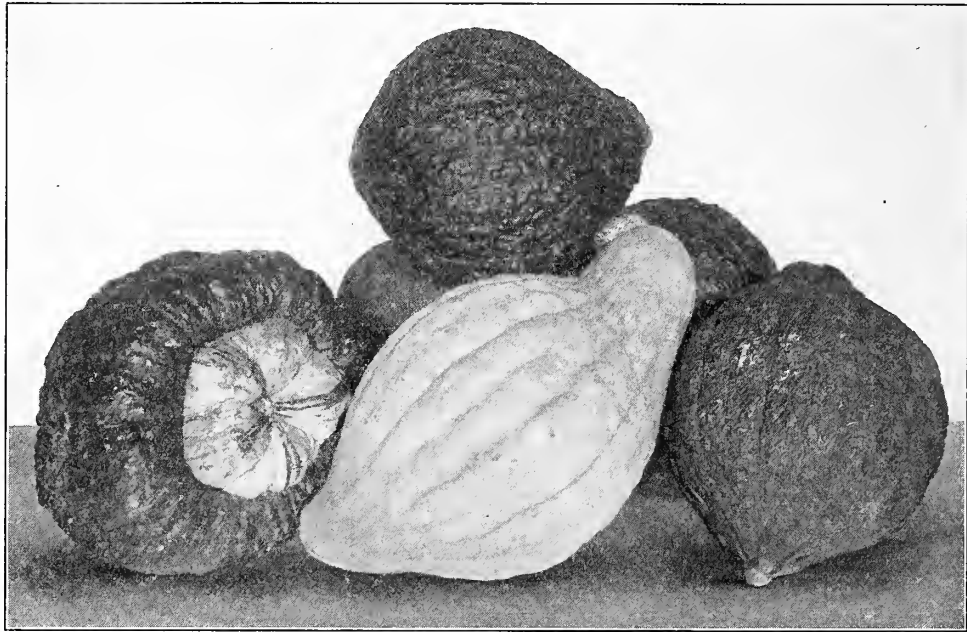
Rhubarb Roots

For the Home Garden

SELECTED ROOTS

25c each

\$2.50 per doz.



SQUASH

(Cucurbita Pepo and C. maxima)

German, "Kurbiss."—French, "Courge."—Spanish, "Calabaza Tontanera"

Squash seed should not be planted until the ground has become thoroughly warm and the weather is settled. A rich, warm, mellow soil is conducive to high yields and early maturity, but squashes grow satisfactorily in almost any well-drained soil. If possible, enrich each hill with one or two forkfuls of rotted manure. For bush types, the hills should be at least 4 x 4 feet apart; for the running varieties, 10 x 10 feet. It is customary to plant 8 or 10 seeds in each hill, and thin out, later, to two or three strong plants. During the early stages of growth keep the plants well sprinkled with tobacco or plaster dust to make them distasteful to insects; the way to deal with the squash vine borer is to cover the joints with an inch or two of soil so that secondary roots may develop.

Bush Varieties

One ounce of seed will plant about 30 hills.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|---|--------|--------|--------|--------|
| Giant Summer Crookneck. Yellow fruit, large and good..... | \$0.10 | \$0.25 | \$0.75 | \$2.50 |
| Golden Summer Crookneck. Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow | .10 | .25 | .75 | 2.00 |
| Golden Custard. An improved and larger yellow bush..... | .05 | .25 | .60 | |
| Mammoth White Bush. The best for early use | .10 | .25 | .75 | 2.00 |
| Vegetable Marrow. A favorite English sort, distinct, flesh white... | .10 | .25 | .75 | |
| Yellow Bush Scallop. A summer sort. | .05 | .10 | .30 | 1.00 |
| Early Prolific Marrow, or Orange Marrow. Early, distinct, good, suitable for fall or winter use..... | .10 | .25 | .75 | 2.00 |
| Boston Greek. Summer variety, color dark green, shape oblong. For complete description see Novelty Section | .10 | .75 | 2.50 | |

Running Varieties

One ounce of seed will plant 15 hills.

| | | | | |
|--|-----|-----|-----|------|
| Bay State. Style of Essex Hybrid, color blue, good for fall and winter | .10 | .25 | .75 | 2.25 |
| Boston Marrow. Follows the summer sorts in season, a good fall and winter sort..... | .05 | .20 | .60 | 2.00 |
| Essex Hybrid. A hard shell Turban, fine for winter..... | .10 | .25 | .75 | 2.00 |

Pkt. Oz. ¼ lb. Lb.

| | | | | |
|--|-----|-----|------|------|
| Delicious. A medium sized, fall and winter squash with thick fine-grained yellow flesh. Skin usually uniform dark green, but occasionally lighter and somewhat mottled. Many people consider this variety superior to the Hubbard in dryness, sweetness and flavor..... | .10 | .25 | .75 | 2.50 |
| Hubbard. D deservedly the most popular variety of winter squash in all parts of this country. Its orange-yellow flesh is always rich in flavor, sweet and dry. Vines strong and productive. The dark green oblong squashes of our superior strain often weigh from 10 to 25 pounds each | .10 | .25 | .75 | 2.50 |
| Hubbard, Golden or Red. A grand keeper | .10 | .25 | .75 | 2.50 |
| Hubbard, Mammoth Warted. Large, covered with warts, keeps well, fine quality | .10 | .25 | .75 | 2.50 |
| Blue Hubbard. Hard shell, thick meat. Dry and fine quality, favorite winter sort for Boston Market | .15 | .40 | 1.50 | 4.00 |
| Marblehead. Light blue, very productive and a fine keeper; oblong in shape | .10 | .25 | .75 | 2.50 |
| Warren. An improved Essex Hybrid, but of deeper orange color and harder shell..... | .10 | .35 | 1.00 | 3.00 |

Salsify, or Oyster Plant

(*Tragopogon porrifolius*)

German, "Boksbart."—French, "Salsifis."
Spanish, "Ostra Vegetal"

The demand for this vegetable is increasing from year to year, but as yet its good qualities are not widely known. The roots are usually fried, boiled or stewed, but may be sliced raw for salad purposes.

The methods suggested for growing and keeping Parsnips apply equally well to this crop.

One ounce of seed will sow 50 feet of drill.

| | | | |
|---|--------|--------|--------|
| Breck's Improved Long White. Roots of Pkt. Oz. ¼ lb. | | | |
| medium size, white and smooth..... | \$0.10 | \$0.30 | \$1.00 |
| Mammoth Sandwich Island. Twice as large as the preceding; fine quality.... | .10 | .30 | 1.00 |

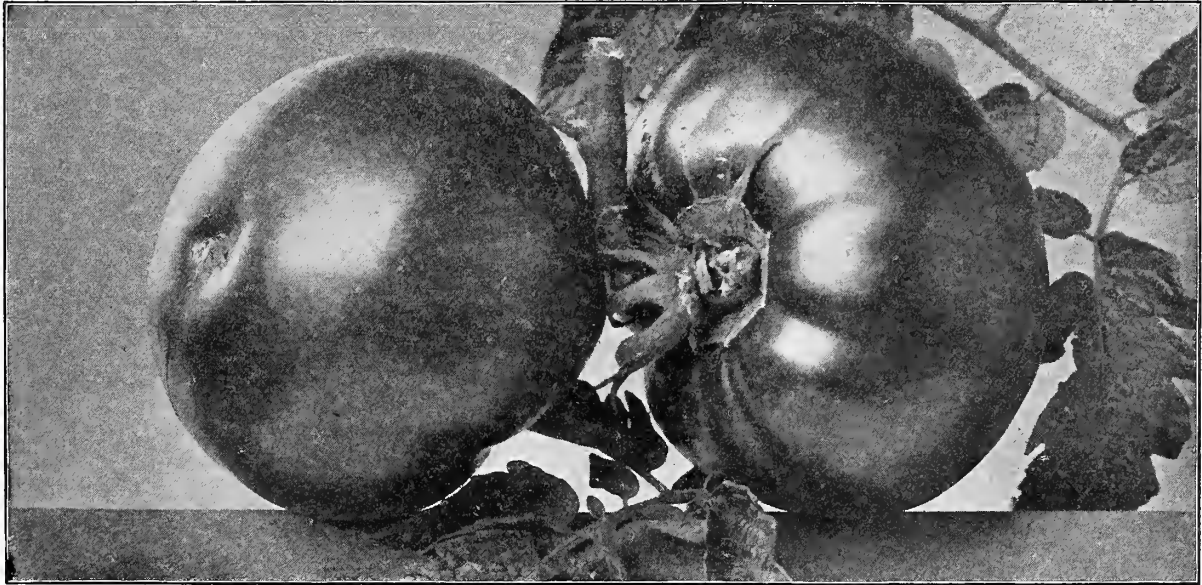
Scorzonera, or Black Salsify

(*Scorzonera Hispanica*)

This vegetable should be cultivated in the same manner as Salsify, but being a little more difficult to raise, is rarely grown except by private gardeners. Though the roots have black skins, the flesh is white and very tender. Scorzonera may be cooked in the same ways as Salsify, and many people consider it superior in flavor. Pkt., 10c; oz., 50c.

Tobacco

| | | | |
|---|------|-----|------|
| Connecticut Seed Leaf. Best adapted to the climate of the Northern and Middle States | Pkt. | Oz. | Lb. |
| Havana. Imported seed..... | .10 | .30 | 3.50 |



Breck's Belmont Tomato

Tomato

(*Lycopersicum esculentum*)

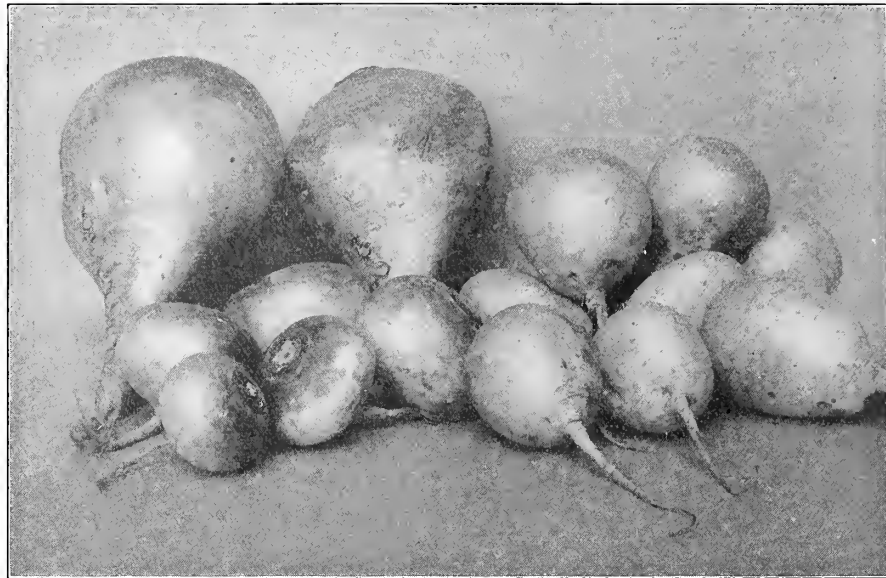
German, "Liebsapfel."—French, "Tomate."—Spanish, "Tomate"
(For Tomato Plants, see Vegetable Plants.)

Sow the seed sparingly about the middle of March, in drills ¼ of an inch deep and 2 inches apart, in a hot-bed, or sunny window where the temperature will not fall below 65 degrees. When the seedlings are two inches high, they should be transplanted to 3 inches apart each way in other flats of soil 3 inches deep, in which they may remain until time for planting in the garden. If a very early crop is desired, transplant again three weeks later, preferably into 4-inch pots of very rich soil. About the first of June the plants may be set in the open ground. A heavy soil is conducive to high yields but the crop matures much earlier on fertile, sandy loams; in the former, set the plants four feet apart each way; in the latter, 3 by 3 feet will give ample space.

One ounce of seed will produce about 2000 plants.

| | | | | |
|---|--------|--------|--------|--|
| Breck's Belmont. The best early either for forcing or open ground cultivation, fruit bright scarlet, few seeds, finely flavored and solid..... | Pkt. | Oz. | ¼ lb. | |
| ..... | \$0.10 | \$0.60 | \$2.00 | |
| Chalk's Early Jewel Tomato. Extra early, bright red, fine flavor and very productive | .10 | .50 | 1.50 | |
| Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality | .05 | .40 | 1.25 | |
| Dwarf Stone Tomato. The largest dwarf sort. Fruit bright scarlet..... | .10 | .40 | 1.25 | |
| Earliana. Earliest and best bright red tomato, smooth and firm..... | .10 | .40 | 1.25 | |
| Golden Queen. Good size and quality, bright yellow color..... | .10 | .40 | 1.25 | |
| Hubert's Marvel. (See page 17 for description) | .15 | .60 | | |
| June Pink. A very early market sort, smooth, color bright pink..... | .10 | .40 | 1.25 | |
| Lister's Prolific. (See page 17 for description) | .25 | .60 | | |
| Perfection. Large and early, thick meat, few seeds, blood-red color..... | .10 | .40 | 1.25 | |
| Stokes' Bonny Best. Very early, a vigorous grower, and prolific..... | .10 | .50 | 1.50 | |
| Stone. Very smooth, solid, thick, flesh bright scarlet color..... | .10 | .40 | 1.25 | |
| Pear-Shaped Red. Fruit handsome and solid, fine for preserves..... | .10 | .40 | 1.25 | |
| Plum-Shaped Yellow. Uniform shape, used for pickles | .10 | .40 | 1.25 | |
| Red Cherry. A small, early variety, used for pickling | .10 | .40 | 1.25 | |
| Stirling Castle. Excellent for forcing, medium size, scarlet in color..... | .10 | .50 | 1.50 | |
| The Comet. Splendid for forcing, very prolific | .10 | .50 | 1.50 | |
| Strawberry, or Winter Cherry (<i>Physalis Alkekengi</i>). The fruit grows in a husk and will keep all winter. It has a pleasant strawberry-like flavor. It is much used for preserving, also for sauce | .10 | .40 | 1.25 | |
| Yellow Cherry. Similar to Red Cherry except in color..... | .10 | .30 | 1.00 | |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Yellow Ruta Baga Purple Top Flat White Egg

Turnip

(Brassica rapa)

German, "Steckrube."—French, "Navet."
Spanish, "Navo Comun."

Turnip seed may be sown at all seasons from April until the middle of August in our climate; but the roots will be of finer quality if seed is sown early in spring for the summer crop, and about August first for the fall and winter crop. A light soil, well-manured the previous year, furnishes ideal conditions; no manure should be applied at the time of sowing, unless it be well rotted compost, or the turnips are apt to be strong flavored, or bitter. The ground should be dug or plowed deep, and made mellow and fine. Sow the seed in drills ½ inch deep and from 12 to 18 inches apart, dropping one good seed to every inch of furrow. Plants of the early varieties should be thinned to about 3 inches apart, while those of the larger late varieties should not be left closer than 5 inches apart in the row. Cultivate often, and keep the crop free from weeds. The Ruta Baga sorts, which are generally grown for winter use, may be sown from the 20th of June to the middle of July. For stock feeding, the late crop is often sown broadcast on well-prepared soil and raked in lightly.

One ounce of seed will sow 150 feet of drill; two pounds, one acre in drills. From 1 to 1½ pounds will sow one acre broadcast.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|--------|--------|--------|--------|
| Early Snowball. Small and of quick growth, pure white..... | \$0.10 | \$0.25 | \$0.75 | \$2.50 |
| Golden Ball. A small, golden-yellow variety, unsurpassed for table use | .10 | .25 | .75 | 2.50 |
| Long White or Cow Horn. Flesh white, fine-grained and sweet, and of excellent quality..... | .05 | .15 | .50 | 1.75 |
| Purple-Top Munich. One of the best earlies, good form and quality.... | .10 | .25 | .75 | 2.50 |
| Purple-Top White Globe. Round, handsome, of superior quality ... | .10 | .20 | .60 | 2.25 |
| Purple-Top Milan. Earliest of the flat Red-Tops; small, strapped leaves, white, tender flesh..... | .10 | .25 | .75 | 2.50 |
| Red, or Purple Top Strap Leaf. The best of the flat turnips..... | .10 | .25 | .75 | 2.50 |
| White Egg. A handsome egg-shaped white variety, grows large..... | .10 | .25 | .75 | 2.50 |
| White Top Milan. The earliest of all turnips, very mild flavor..... | .10 | .25 | .75 | 2.50 |
| White Norfolk. One of the best late varieties for stock..... | .10 | .25 | .75 | 2.50 |
| White-Top Strap Leaf. Like Red-Top variety, but not so popular..... | .10 | .20 | .60 | 2.00 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

| | | | | |
|--|--------|--------|--------|--------|
| White Flat Dutch. An excellent early sort | \$0.10 | \$0.25 | \$0.75 | \$2.50 |
| Yellow Aberdeen. Very hardy and productive; good for stock and table; keeps well..... | .10 | .25 | .75 | 2.50 |
| Yellow Stone or Globe. Of medium size, excellent flavor; yellow..... | .10 | .25 | .75 | 2.50 |

Ruta Baga, or Swedish Turnip

| | | | | |
|---|--------|--------|--------|--------|
| Budlong Swede. Choice strain, white. | \$0.10 | \$0.30 | \$1.00 | \$3.75 |
| Improved American. —Flesh yellow, solid, sweet and fine flavor..... | .10 | .30 | 1.00 | 3.50 |
| Shamrock. A globe-shaped, very hardy, fine-grained, yellow..... | .10 | .30 | 1.00 | 3.75 |
| Skirving's Purple-Top. Large, yellow, firm flesh, sweet, good keeper | .10 | .30 | 1.00 | 3.75 |
| St. Andrew's. A yellow flesh variety of excellent quality..... | .10 | .30 | 1.00 | 3.75 |
| Sweet German. Pure white, very solid, sweet, mild, well flavored... | .10 | .30 | 1.00 | 3.50 |
| White French. Excellent for table or stock. Firm, white and solid.. | .10 | .30 | 1.00 | 3.50 |

Spinach (Spinacea oleracea)

German, "Spinat."—French, "Epinard."—Spanish, "Espinaca"

(One ounce, 50 feet of drill; 12 pounds, one acre.)

Spinach thrives in rich soil, and may be planted as soon as the ground can be prepared in spring. Sow the seed in drills one inch deep and 12 or 15 inches apart. The main crop, for spring consumption, is sown in late August or September, the plants being protected during the winter by a covering of straw or litter. A single sowing of New Zealand Spinach will supply greens of excellent quality throughout the summer; plant the seed 3 or 4 in a hill, in hills 3 feet apart each way. Seeds of this variety are enclosed in very hard shells and should be soaked in hot water before sowing.

| | Pkt. | Oz. | ¼ lb. | Lb. |
|--|--------|--------|--------|--------|
| Long Standing. Leaves thick and large; best for spring sowing.... | \$0.05 | \$0.15 | \$0.50 | \$1.75 |
| New Zealand (Tetragonia expansa). A distinct, spreading plant, very productive | .10 | .25 | .85 | 2.50 |
| Giant. Round, thick leaved..... | .05 | .15 | .50 | 1.75 |
| Prickly, or Winter. Recommended for fall sowing..... | .05 | .10 | .25 | .85 |
| Monstrous Viroflay. Large, thick, dark green leaves..... | .05 | .15 | .50 | 1.75 |
| Bloodsdales or Savoy-Leaved. Large curled and wrinkled leaves..... | .05 | .15 | .50 | 1.75 |
| Victoria. Very dark colored leaves, fine variety for spring sowing, later than Long Standing..... | .05 | .15 | .50 | 1.75 |

Sweet, Pot and Medicinal Herbs

Herbs are all of easy cultivation. Sow the seed early in May. Pkt.

| | |
|---|--------|
| Anise (Pimpinella anisum). Annual..... | \$0.10 |
| Balm (Melissa officinalis). Perennial..... | .10 |
| Basil, Sweet (Ocimum basilicum). Annual.... | .10 |
| Borage (Borago officinalis). Annual..... | .10 |
| Caraway (Carum carui). Perennial..... | .10 |
| Catnip (Nepeta cataria). Perennial..... | .10 |
| Coriander (Coriandrum satirrum). Annual.... | .10 |
| Dill (Anethum Graveolens). Annual..... | .10 |
| Fennell (Foeniculum officinale). Perennial... | .10 |
| Hop Vine (Humulus Lupulus). Perennial..... | .10 |
| Horehound (Marrubium vulgare). Perennial.. | .10 |
| Hyssop (Hyssopus officinalis). Perennial.... | .10 |
| Lavender (Lavendula vera). Perennial..... | .10 |
| Marjoram, Sweet (Origanum Majorana). Perennial | .10 |
| Mint (Mentha piperita). Perennial..... | .25 |
| Pennyroyal (Hedeoma pulegioides). Annual.. | .10 |
| Rosemary (Rosmarinus officinalis). Perennial. | .10 |
| Rue (Ruta Graveolens). Perennial..... | .10 |
| Saffron (Carthamus tinctorius). Annual..... | .10 |
| Sage (Salvia officinalis). Perennial..... | .10 |
| Savory, Summer (Satureia hortensis). Annual. | .10 |
| Savory, Winter (Satureia montana). Perennial | .10 |
| Sorrel, Broad-leaved (Rumex Patientia). Perennial | .10 |
| Tansy (Tanacetum vulgare). Perennial..... | .10 |
| Thyme, Broad-leaved (Thymus vulgaris). Perennial | .10 |
| Wormwood (Artemesia Absinthium). Perennial | .10 |

Prices quoted on application for seeds in bulk

Seeds Used for Flavoring, Etc.

(Prices subject to market changes—Bulk Prices quoted on application.) Oz.

| | |
|---|---------------------------------|
| Anise | } Prices quoted on application. |
| Cumin | |
| Coriander | |
| Celery | |
| Caraway | |
| Dill | |
| Fennell, Sweet | |
| Medicinal Pumpkin | |
| Medicinal Asparagus | |
| Flax (Whole) Re-cleaned. Lb., 15c; 100 lbs., \$12.00. | |

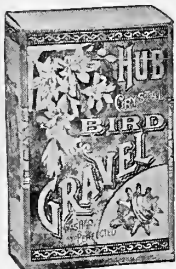
Bird Seeds

For Feeding; not for Seed.

(All f. o. b. Boston. Prices subject to change without notice.)



| |
|--|
| Canary, Best Re-cleaned. Lb., 35c; 100 lbs., \$33.00. |
| Hemp Seed, Re-cleaned Russian. Lb., 18c; 100 lbs., \$15.00. |
| Rape, German. Lb., 18c; 100 lbs., \$15.00. |
| Rape, English. Lb., 20c; 100 lbs., \$16.00. |
| Mixed Bird Seed, bulk. Lb., 35c; 100 lbs., \$30.00. |
| Breck's Choice Mixed Bird Seed in packages packed by us, only the very best re-cleaned seed used. Pkg., 35c; doz., \$3.50. |
| Lettuce, for Birds (for feed only). Lb., 30c; 100 lbs., \$15.00. |
| Blue Maw or Poppy. Lb., 90c; 100 lbs., \$85.00. |
| Rice Unhulled or Paddy. Lb., 12c; 100 lbs., \$10.00. |
| Millet, Golden (for feeding). Lb., 10c; 100 lbs., \$8.00. |
| Millet, White French. Lb., 20c; 100 lbs., \$18.00. |
| McAllister's Mocking Bird Food, in bottles. 35c ea.; doz., \$3.50. |
| Shepherd's Song Restorer, in bottles. Each, 25c; doz., \$2.75. |



Gravel for Cages. Pkg., 15c; bu., \$2.25.
Cuttle Fish Bone. Lb., 65c.
Striped Sunflower Seed. Lb., 15c; 100 lbs., \$14.00.
Kaffir Corn for Pigeons. 100 lbs., \$4.50.

Old Homestead Popcorn



For Corn Balls, Candied Popcorn and Nuggets the Old Homestead will be found superior. Per 1-lb. pkg., 20c; per case of 24 pkgs., \$3.60 net.

Popcorn on Cob, or Shelled

Thoroughly cured, and in excellent condition for popping. Per lb., 15c; per 100 lbs., \$12.00 net.

Vegetable Plants and Roots

All are especially grown for our trade from choicest strains of seed. We shall be pleased to quote special prices to Large Buyers.

| | | |
|--|--------|---------|
| ASPARAGUS ROOTS | 100 | 1000 |
| Colossal, two-year old roots..... | \$1.25 | \$10.00 |
| Giant Reading, two-year old; native grown. | 1.50 | 12.00 |
| Palmetto, two-year old roots..... | 1.25 | 10.00 |
| CABBAGE PLANTS | | |

From hot-beds, ready about first week in April.

| | | | |
|-----------------------------|--------|--------|---------|
| | Doz. | 100 | 1000 |
| Early Jersey Wakefield..... | \$0.30 | \$1.50 | \$12.00 |
| Henderson's Summer | .30 | 1.50 | 12.00 |
| Stone Mason | .30 | 1.50 | 12.00 |
| Fottler's Brunswick | .30 | 1.50 | 12.00 |

For Winter Crop, ready July 1st.

| | | | |
|------------------------------|--------|--------|---------|
| Savoy American Improved..... | 1.50 | 12.00 | |
| Fottler's Brunswick | 1.50 | 12.00 | |
| Stone Mason | 1.50 | 12.00 | |
| CAULIFLOWER | Doz. | 100 | 1000 |
| Breck's White Bouquet..... | \$0.30 | \$2.00 | \$15.00 |
| Snowball | .30 | 2.00 | 15.00 |
| CELERY PLANTS | Doz. | 100 | 1000 |
| Boston Market | \$0.20 | \$1.00 | \$8.50 |
| Golden Self-Blanching | .20 | 1.00 | 8.50 |
| Giant Pascal | .20 | 1.00 | 8.50 |
| White Plume | .20 | 1.00 | 8.50 |

CHIVES

Used for flavoring soups, etc., each, 25c; doz., \$2.50.

| | | |
|------------------------|--------|--------|
| EGG PLANTS | Doz. | 100 |
| New York Improved..... | \$1.00 | \$7.00 |
| Black Pekin | 1.00 | 7.00 |

TARRAGON PLANTS

| | |
|-----------------|--------|
| Each | \$0.30 |
| Per dozen | 3.00 |

HORSE RADISH SETS

| | | |
|--|--------|--------|
| | Doz. | 100 |
| Common | \$0.25 | \$0.60 |
| Maliner Kren. The famous Bohemian variety, growing in popularity here and recommended for the home garden..... | .30 | 1.00 |

LETTUCE PLANTS

| | | |
|---------------------------|--------|--------|
| | Doz. | 100 |
| Boston Market Head..... | \$0.20 | \$1.00 |
| Early Curled Simpson..... | .20 | 1.00 |

PEPPER PLANTS

| | | |
|-------------------------------|--------|--------|
| Large Bell, or Bull Nose..... | \$0.30 | \$2.00 |
|-------------------------------|--------|--------|

RHUBARB ROOTS

| | |
|-----------------|--------|
| Each | \$0.25 |
| Per dozen | 2.50 |

SWEET POTATO PLANTS

| | | |
|-----------------|--------|--------|
| | 100 | 1000 |
| Nansemond | \$0.75 | \$6.00 |

TOMATO PLANTS

| | | |
|---------------------------|--------|--------|
| | Doz. | 100 |
| Breck's Belmont | \$0.50 | \$3.50 |
| Acme | .50 | 3.50 |
| Paragon | .50 | 3.50 |
| Dwarf Champion | .50 | 3.50 |
| Livingstone's Stone | .50 | 3.50 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

AGRICULTURAL GRAINS

Prices subject to market changes. Bags extra. All Grain Sold f. o. b. Boston.



Our Golden Chaff Winter Wheat, 1918 Crop, Grown in Northern New York.

Breck's King Oats

A close or cluster headed variety. Our 1918 crop was grown in Northern Montana on irrigated land; thus insuring seed free from fungous diseases, bright colored, large size, strong germination, and weighing over forty pounds to the measured bushel, an exceptionally fine crop grown especially for seed purposes.

Breck's King Seed Oats have given satisfaction during the past twelve years and we can highly recommend seed stock just secured.

Plant King Oats and secure a good yield of heavy grain and a crop of stout, straight, clean straw.

Price, \$2.50 per bu. of 32 lbs.; 10 bu. lots and over at \$2.00 per bushel.

Silver Mane Oats

Known to many as Silver Maine. This variety an old-time favorite, both east and west. 1918 crop will run 38-40 lb. to measured bushel, grain of good color, plump and clean. Recommended for planting with Field Peas for hay or green forage. Price per bushel, \$1.75; in quantities over 10 bushels, \$1.50 per bushel. 32 lb. to bushel, 3 bu. to bag.

White Montana Oats

A short seeded variety, grain bright colored, heavy, close headed, tall growing. Our seed stock grown on the irrigated farms of northern Montana, where on account of total lack of rain during harvesting season, can be obtained oats of strong germination, free from rust or smut. Our stock has been carefully re-cleaned to take out all foreign seeds except now and then a trace of wheat. Price per bushel of 32 lbs., \$2.00; 10 bushels and over \$1.75 a bushel, f. o. b. Boston. (This stock will weigh nearly 45 lbs. to the measured bushel and can be shipped 3 bushels to the bag.)

Samples of both the above sent on request

Wild Rice (*Zizania aquatica*). Price on application. Not kept in stock. Seed must be kept moist until sown.

Buckwheat

| | | |
|---------------------------------------|-----|--------|
| Silver Hulled | bu. | \$4.00 |
| Japanese. Enormously productive | | 4.00 |

MARQUIS SPRING WHEAT

A variety produced by scientific cross breeding of the old Calcutta and the frost-resisting Red Fyfe variety. First introduced by the Central Experiment Station in Ottawa, Canada, and has since rapidly displaced many other varieties in the North West and in Canada. In appearance Marquis Wheat is similar to Red Fyfe, but the heads as a rule are heavier and the stalks shorter, making it less likely to lodge. The kernel is flinty, a little darker red and more plump than Fyfe. It is beardless having smooth yellow chaff, but its most valuable feature lies in its earliness as it matures a week or ten days earlier than Red Fyfe. Threshing reports from the Northwest indicate yields of 40 to 50 bushels per acre. Weight 64 to 66 lbs. per measured bushel, and they report it to be of the highest milling quality. Not in many years has such a valuable variety been introduced. Our stock is strictly Canadian grown and of the highest purity and germination. Farmers who planted Marquis Wheat in New England last season had most satisfactory returns.

Price, qt., 25c; pk., \$1.50; bush., \$4.00.

bu.

Fyfe. A red, beardless wheat, with long smooth heads well covered with chaff; straw stiff, bright colored. Grain very hard, of a dull, reddish color. Very suitable for New England..... 3.85

Winter Wheat

Dawson's Golden Chaff. One of the hardiest wheats we know of; heads bald, color of grain white (inclined to light amber), straw of medium length.. 4.00

Barley

| | |
|--|------|
| Two-Rowed | 3.00 |
| Four or Six-Rowed..... | 3.00 |
| Success Beardless. A six-rowed variety that is practically free from the poisonous beard. It is early, hardy, large grained, strong of straw; productive | 3.00 |

Rye

To prevent disappointment, we offer only selected rye for seed purposes.
Spring. Per bu..... \$4.00 Rosen Winter..... \$3.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

FIELD CORN

Prices subject to market changes and for seed f.o.b. Boston; bags extra at value. Special quotation made where large quantities are required.

Our seed corn grown for us under contract and especially for seed purposes. We wish to call particular attention to our fine stock of Improved Leaming and also Virginian grown Eureka Ensilage.

Breck's Mondamin. The earliest and best yellow flint variety; eight-rowed ears, well filled to the tips. For complete description see page 24. 25c qt.; \$1.75 pk.; \$6.00 bu.

Breck's Angel of Midnight. One of the earliest yellow flint varieties, of the early Canada type. Ears long, with comparatively deep kernels. 25c qt.; \$1.50 pk.; \$5.00 bu.

Brewer's Yellow Dent. This variety originated in New England and is unquestionably the best strain of dent corn to grow for grain in the latitude of Boston; it is also valuable for ensilage. The stalks average from ten to twelve feet in height; the ears have about twenty rows of closely-packed kernels. 25c qt.; \$1.75 pk.; \$6.00 bu.; selected ears, 10c each.

Early Yellow Canada. An extra early eight-rowed flint variety with large kernels and small cobs. Ears of medium size. A popular variety in Northern New England. 25c qt.; \$1.50 pk.; \$5.00 bu.

Early Sanford. A popular white flint variety, equally valuable for ensilage or grinding. The eight-rowed ears average from 9 to 10 inches in length and have broad cream-white kernels. 25c qt.; \$1.50 pk.; \$5.00 bu.

Eureka Ensilage. One of the most popular white dent varieties among dairymen. It is enormously productive of both foliage and ears. Our Virginian grown seed has given great satisfaction throughout New England. 25c qt.; \$1.50 pk.; \$4.50 bu.

Improved Leaming. A yellow dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. 25c qt.; \$1.50 pk.; \$5.00 bu.

Longfellow. The variety most widely grown in New England. An early eight-rowed flint corn with long ears and comparatively small cobs, filled to the tips with large, broad kernels, 25c qt.; \$1.50 pk.; \$5.00 bu.

Pride of the North. An exceptionally early dent variety. Stalks of medium height with broad leaves. The ears, which average 7 or 8 inches in length, have from 12 to 16 rows. Grains long and deep yellow, making meal of extra good quality. 25c qt.; \$1.50 pk.; \$5.00 bu.

Red Cob Ensilage. A red-cobbed, white dent corn with heavy foliage; popular among dairymen in northern New England. 25c qt.; \$1.50 pk.; \$5.00 bu.

White Southern. A tall growing dent variety with leafy stalks; valuable for ensilage and fodder. 20c qt.; \$1.25 pk.; \$4.50 bu.

Sweet Fodder. Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules. 20c qt.; \$1.75 pk.; \$6.00 bu.

Winter Vetch

(*Vicia Villosa*)

Growth and appearance like Spring Vetch.

Valuable as a cover crop or for early spring forage. In this latitude seed should be sown before Sept. 15th, so that the plants may become well established before cold weather. It is customary to sow from two to four pecks of Winter Vetch with six pecks of either Winter Wheat or Winter Rye. If sown alone, broadcast one bushel per acre. Weight, 60 lbs. per bushel. Price, 25c per lb.; per 100 lbs., \$22.00 net.

Prices subject to market changes.

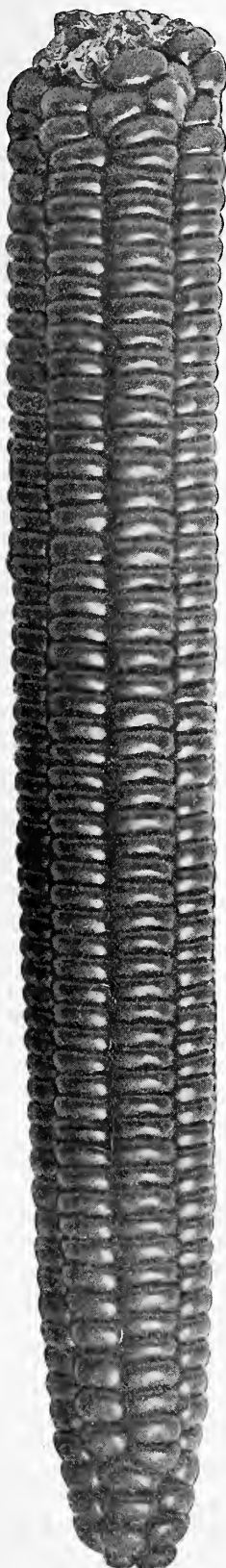
Spring Vetch or Tares

(*Vicia Sativa*)

Very much like common peas in growth and general appearance. An annual legume. Valuable as a summer forage when sown early in spring on well cultivated and enriched ground at the rate of ½ bushel Vetch and 2 bushels Grain, Barley or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as cover crop for orchard. Weight per bushel, 60 lbs. 15c per lb.; \$12.00 per 100 lbs.



Winter Vetch



Mondamin Corn

ALFALFA

Prices Alfalfa seed variable; we recommend that you write for special quotation stating quantity required when in the market.



Alfalfa Field on World's End Farm, Hingham, Mass. For eight consecutive years this field gave three heavy cuttings a year. One of the most successful fields in Eastern Massachusetts.

ALFALFA, or LUCERNE

Alfalfa, the greatest known forage crop, is now grown successfully in all parts of the world and is steadily gaining favor with the intelligent New England farmer, for it is proving to be of the greatest value to him not only as a forage crop, but as a soil improver. It is a legume, taking free nitrogen from the air and storing it up in the deep growing roots. As green fodder or cured hay Alfalfa is relished above all other forage crops by stock.

To grow a good field of Alfalfa, it is important to select deep, loamy, well-drained land with loose sub-soil, as standing water will soon kill out the young plants. Plow and harrow the land thoroughly, and with the first harrowing apply at least one ton of Agricultural Lime per acre, thereby correcting any acidity in the soil and, what is more important, making conditions favorable to the activity of nitrogen-gathering bacteria upon the presence of which success depends. Continue to harrow the land at short intervals for some weeks, thereby thoroughly pulverizing the top soil and at the same time working out and killing the old grass roots and weeds that would otherwise get a quick start and choke out the young Alfalfa. If possible, give the ground a fair dressing of barnyard manure, and a short time before sowing the seed harrow in 600 or 800 lbs. per acre of high grade commercial fertilizer. Either the seed should be inoculated with Farmogerm before sowing, or soil from an old Alfalfa field should be sown broadcast at the rate of 300 to 500 lbs. per acre.

It has been found that in this latitude seed sown the last of July or early in August will escape being hindered by weed growth, and get a good stand before cold weather. Sow broadcast at the rate of 20 lbs. per acre.

Never cut Alfalfa before buds have appeared close to the ground at the crowns of the plants; always judge the time to cut by the presence of these basal shoots or buds and not by the period of bloom. Do not cut closely the first season; cut, allow the plants to wilt, put up in cocks and cure in the cock.

Yellow Sweet Clover (*Melilotus officinalis*). More suitable for turning under than the White variety. A good crop with which to prepare land for Alfalfa. Height about 2 feet. 60 lbs. to the bushel. Price per lb., 40c; per 100 lbs., \$35.00.

Bokhara (*Melilotus alba*). Will grow on very poor soils; excellent for plowing under as green manure. Valuable for bee keepers. 60 lbs. to the bushel. Price per lb., 40c; per 100 lbs., \$35.00.

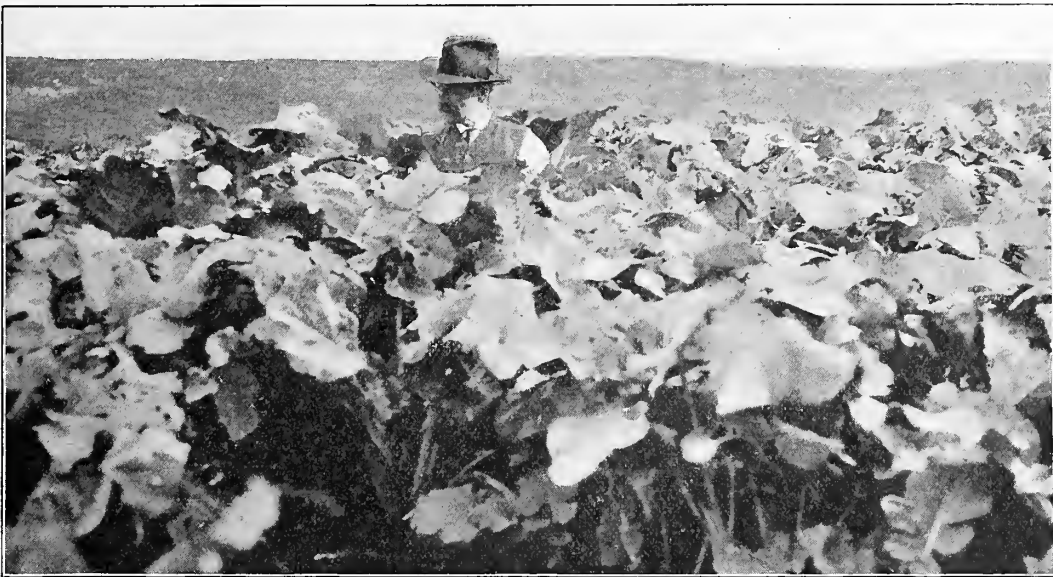
Genuine Grimm Alfalfa

(*Medicago Sativa*)

As a result of extensive trials of numerous varieties of Alfalfa, at various Experiment Stations and on many farms, in the Northern States, the unanimous conclusion is that the Grimm strain is hardier and more productive than any other known variety. It originated in northern Minnesota from seed brought from the fatherland and sown by Ferdinand Grimm, a German farmer. During the many years he allowed his fields to remain in Alfalfa, the more tender plants winter-killed; from those which survived he saved seed, little thinking that by natural selection he was developing a strain of Alfalfa more valuable to the American farmer than any yet discovered. Professor Hayes, before being appointed Assistant Secretary of Agriculture, recognizing the superiority of Grimm Alfalfa for sections where ordinary varieties fail, took measures to have the Grimm strain kept pure and to have it tested in other parts of the country. In 1904 the Government contracted with Mr. F. E. Dawley of Dotshome Farm, Fayetteville, N. Y., to grow 18 varieties of Alfalfa, one of which was Grimm, devoting an acre to each strain. The original stand of Grimm is still in existence. In 1914 it yielded a total of over 6 tons of cured hay in four cuttings. During the first three years of the contract no seed was allowed to ripen on this plot, but since then a seed crop has been harvested every year until 1914. At the present time there are over 60 acres of Genuine Grimm Alfalfa on Dotshome Farm. Although Alfalfa occupies nine-tenths of the meadows in the Fayetteville section, no diseases or insect enemies have appeared. The seed, which is true to name, clean, and absolutely free from Dodder, never leaves the farm until shipped to us. Notwithstanding its higher price, we feel confident that our Grimm seed is the most economical for all farmers who desire to grow Alfalfa. Price, per lb., 80c; 20-lb. lots and over, 75c per lb.

Northern Alfalfa

This stock secured from the northwest, of high germination, our purity test over 99%. Northwestern grown Alfalfa is preferred by many New England farmers, and the stock has done very well in New England. Price, 35c lb.; \$30.00 per 100 lbs.



Dwarf Essex Rape

Clovers

(Prices variable, subject to market changes.)

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Medium Red (*Trifolium pratense*). This is the common Red Clover and by far the most important variety for the practical purposes of agriculture. 60 lbs. to the bushel. Price per lb., 60c; per 100 lbs., \$55.00.

Mammoth Pea Vine (*Trifolium pratense magnum*). Of ranker growth than Medium Red and usually lasts longer; excellent for plowing under to improve exhausted soils. 60 lbs. to the bushel. Price per lb., 65c; per 100 lbs., \$60.00.

Alsike, or Swedish (*Trifolium hybridum*). The hardiest of all clovers; it resists cold and extreme drought, and for low, wet land is invaluable; excellent for bees. 60 lbs. to the bushel. Price per lb., 45c; per 100 lbs., \$40.00.

White Clover (*Trifolium repens*). This variety should be included in all mixtures for lawns and permanent pastures. It is adapted to all soils. 60 lbs. to the bushel. Price per lb., 75c; per 100 lbs., \$65.00.

Crimson Clover (*Trifolium incarnatum*). Also known as Scarlet, or Carnation Clover. A rapid-growing annual of great value where only one crop is desired; excellent as a cover crop in orchards, or for plowing under to improve poor soils. 60 lbs. to the bushel. Price per lb., 30c; per 100 lbs., \$25.00.

Southern Cow Peas (*Vigna Catjang*)

Make Poor Land Rich

The plowing under of green crops is one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soils. Seed should be sown in May or June at the rate of 1½ bushels per acre and the plants plowed under as soon as they have attained their full growth. (Prices subject to market changes)

Clay, or Wonderful. Has matured in New England. Qt., 25c; bu., \$6.00.

New Era. Early and large yielder. Qt., 25c; bu., \$6.00.

Southern Black Eye. Immense cropper. Qt., 25c; bu., \$6.

Whippoorwill. One of the earliest. Qt., 25c; bu., \$6.00.

Soja Beans

(Prices subject to market changes.)

One of the most valuable and important forage and soil-improving crops.

The use of this crop is increasing everywhere. Soja Beans make a larger growth than Cow Peas and can be cut and cured to better advantage. They also furnish a richer and more fattening feed than the Peas, since they contain larger amounts of oil and protein. These properties make Soja Beans particularly valuable as a feed for milch cows and as a general forage crop. When cut together with Corn for the silo, they greatly improve the quality of the feed.

Yellow Soja. A large-growing, yellow-seeded variety, especially suitable for ensilage and plowing under. Sow at the rate of one bushel per acre. Qt., 20c; pk., \$1.50; bu., \$5.00.

Medium Green. An earlier maturing variety than Mammoth yellow. Producing a larger yield of Shell Beans but not such a rank growth of forage. Recommended for planting in New England because of its earliness. Per qt., 35c; per pk., \$2.25; per bu., \$8.00.

Ita San. An early, small-leaved variety recommended for latitudes having short season, especially New England. Price, per qt., 35c; per pk., \$2.25; per bu., \$8.00.

Wilson. A rank growing variety, branching high, leaves large, both pods and leaves remaining on vines long after cutting. Price, per qt., 35c; per pk., \$2.25; per bu., \$8.00.

(Special prices quoted for large quantities.)

Rape—Dwarf Essex, English

Is easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth.

Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips and cabbage will be found very suitable for Rape. Plant seed in New England from May 1 to middle or last of July in average seasons.

In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

Dwarf Essex Rape will be found to resist summer drought if care is taken to get the plants well started before extreme summer heat may be expected. For sowing in drills, about 10 lbs. of seed per acre is required; broadcast 15 lbs. per acre. Per lb., 20c; per 100 lbs., \$18.

MISCELLANEOUS SEEDS

For Forage Crops, Plowing Under, Etc.

(Prices subject to market changes.)

Peas, Canada or White Field. Unsurpassed as a green feed for milch cows. Usually sown with oats. Per lb., 12c; per 100 lbs., \$10.00.

Broom Corn, Long Brush Evergreen. Succeeds best in good, deep, moderately moist soil. Sow 12 quarts per acre, after danger from frost is past. Lb., 15c; per 100 lbs., \$10.00.

Spurrey (*Spergula arvensis*). Annual. This plant will grow in land too dry and too thin to support clover. The crop may be fed either green or as hay. It grows very rapidly and is in condition to pasture sheep or cattle on about six weeks after sowing. Sow broadcast. 20 pounds per acre. Lb., 30c; per 100 lbs., \$25.00.

Sudan Grass

Very closely related to the sorghum family, is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. The United States Department of Agriculture, in their search for a valuable hay or forage plant, discovered it and in 1909 secured a half pound of seed for experimental purposes. From this small beginning it has become one of the principal forage crops of the Southwest, and last season was grown successfully in many parts of the country, and experimentally in perhaps every state of the Union. Under these wide and varied climatic conditions the results were so satisfactory that it is not only destined to be one of our greatest hay and forage plants, but is already firmly established as such. Price 30c per lb.; \$25.00 per 100 lbs.

Description.—Sudan Grass is an annual of quick growth—the first crop being ready to cut in fifty to seventy days after planting, depending upon the length of seasons and moisture; the second and third crops about forty-five or fifty days later, respectively. It stools freely, sometimes as many as one hundred stems coming from one seed. It dies with killing frost, and has a short stalk root, which is easily eradicated. It is a strong drought resister.

It does well almost anywhere, and especially flattering results have been obtained under irrigation. When seeded broadcast or in drills, it averages three to five feet in height, with stems about the size of a lead pencil. If grown in rows and cultivated, it reaches a height of six to nine feet, with somewhat larger stems. Like sorghum, it is easily injured by frost, and the number of cuttings depend upon the length of the growing season. In favorable years where growing period is long, as many as three and sometimes four cuttings can be obtained in one year. But in Northern sections where seasons are shorter, perhaps but two cuttings can be counted on.

Soil.—Sudan has been grown successfully on almost every class of soil from heavy clay to light sand, doing best on a rich loam, but, of course, on light sandy soil a light yield may be expected. In any case, it should be well drained.

Seeding.—The ground should be prepared as for corn and the seed not planted till soil becomes warm. It can be planted in this latitude from about May 1st to July 1st. Sown broadcast use sixteen to twenty-four pounds of seed per acre. If planted in drills 18 to 24 inches apart, from four to six pounds per acre will be sufficient.

The trial plot illustrated above was planted on the driest, poorest piece of ground we could find in our trial ground; the growth and crop was most surprising. We found that all farm animals relished Sudan Grass whether as green forage or hay. Two good crops were obtained from this trial plot.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Part of a trial plot of Sudan Grass planted in our trial ground at Lexington, season of 1918

Millets

Hungarian Grass (*Panicum Germanicum*). This species of Millet is comparatively small and fine in its habit of growth. It is one of the most profitable hay and soiling crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. Per lb., 12c; \$10.00 per 100 lbs.

Japanese Millet, Japanese Barnyard Grass (*Panicum Crus Galli*). Distinct from other varieties. An enormous cropper growing over 6 feet in height; excellent either green or as cured hay. Broadcast at the rate of 25 pounds per acre, or in drills 18 inches apart, sow 15 pounds to the acre. Weight about 35 pounds per bushel. Per lb., 15c; \$12.00 per 100 lbs.

Liberty or Golden Millet (*Panicum Miliaceum* var.). An improved, medium early variety, growing from 3 to 5 feet high. The heads are closely condensed though the spikes are numerous. During the past few years, the fact has been established beyond doubt that Golden Millet seed grown in Southern latitudes will produce much larger yields of hay than seed grown in Northern or Western sections of the country. All our seed is Southern grown. Weight 50 pounds per bushel. Per lb., 12c; \$10.00 per 100 lbs.

Pearl Millet. A valuable and productive fodder plant. Seed should not be sown until after danger from frosts is past. Sow about 10 pounds per acre in drills 18 inches apart. Per lb., 30c; \$25.00 per 100 lbs.

Sorghum

Twenty-five pounds per acre is sown in drills. For dry fodder, broadcast 100 pounds per acre.

Early Amber Sugar Cane. Will ripen where Indian corn matures. Per lb., 12c; 100 lbs., \$8.00.

Red Kaffir Corn, or Sorghum. Non-saccharine. The plants which are stocky and perfectly erect cure into excellent fodder, or may be fed green during all stages of growth. Per lb., 12c; per 100 lbs., \$8.00.

White Kaffir Corn. Per lb., 12c; per 100 lbs., \$8.00.



Timothy, or Herd's Grass

Cover and Soiling Crops for Orchards

One of the most important points in successful orcharding is the intelligent use of proper cover crops, and the orchardists of New England are giving this particular subject more and more careful attention, as the proper use of such crops conserve the nitrates in the soil after the growth of fruit trees is stopped, which would otherwise be washed away by the heavy fall or winter rains. They also help to break up, during time of their growth, the old sod, and later in the season when plowed under, furnish humus for the soil.

We can recommend the following cereals and legumes as the best suited for cover crops under New England climatic conditions:

Winter Rye. Sow at the rate of 1½ to 2 bushels per acre; this can be sown from the middle of August up to the time the ground freezes late in the fall.

Japanese Buckwheat. Sow at the rate of 1 to 1½ bushels per acre. Especially valuable where it can be sown early in spring on newly plowed sod land, as it is very effective in rotting down the old sod and at the same time enriching the soil.

Yellow Soya Beans. 1½ to 2 bushels per acre. These do best if sown in drills about the middle of June and cultivated several times to promote vigorous growth.

Winter Vetch (*Vicia villosa*). If sown alone, use 1 bushel to the acre broadcast. In this latitude it should be sown before September 15th, so that it may be well rooted and established before cold weather. One of the best to cover and protect the ground during the winter.

Crimson Clover. Sow at the rate of 15 to 20 lbs. per acre the last of June or first of July, and plow under early the following spring.

AGRICULTURAL GRASSES

(Prices quoted are subject to market changes, net f. o. b. Boston, bags extra.)

The following list of Agricultural Grasses includes the varieties used most extensively in permanent pasture and other grass mixtures.

We make a specialty of mixtures for permanent pasture and mowing lands, to which we would call attention. Directly following these descriptions is a set of tables giving complete information about our special mixtures.

Awnless, or Smooth Brome Grass (*Bromus inermis*). An erect-growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Weight, 12 lbs. per bushel. 20c lb.; \$15.00 100 lbs.

Creeping Bent or Firoin (*Agrostis Stolonifera*). The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottom-lands, especially if they are somewhat sandy. It is rapid of growth, and spreading habit, and the stoloniferous roots form a strong enduring turf, that is positively improved by constant tramping. Being of fine texture, it is one of the most valuable of our lawn grasses. Weight, 15 lbs. per bushel. 50c lb.; \$48.00 100 lbs.

TIMOTHY

Timothy (Herd's Grass or Catstail) (*Phleum Pratense*). Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity. Grows very readily and yields, on favorable soils, three or four tons of best quality hay per acre. Should be cut just when the blossom falls. Weight, 45 lbs. per bushel. 20c lb.; \$18.00 per 100 lbs., subject to market changes.



Bromus inermis



Red Top

Orchard Grass (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, its luxuriant aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, it withstands droughts better than most species. Weight, 14 lbs. per bushel. 35c lb.; \$30.00 100 lbs.

Kentucky Blue Grass (Meadow Grass, June Grass, Spear Grass) (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, although some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North; in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. As Kentucky Blue Grass requires two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, it is not suited for alternate husbandry, where the land is to remain in grass two or three years and then to be plowed up. Weight, 14 lbs. per bushel. 40c lb.; \$35.00 100 lbs.

Red Top (Herd's Grass) (*Agrostis Vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. Price, unhulled seed, 20c lb.; \$15.00 100 lbs. Fancy, or clean seed, 35c lb.; \$30.00 100 lbs.

Italian Rye (*Lolium Italicum*). Annual. In nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry, but as it does not last over two years it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. 22c lb.; \$20.00 100 lbs.

Meadow Foxtail (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. Weight, 8 lbs. per bushel. 40c lb.; \$35.00 100 lbs.

Crested Dog's-Tail (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns. Weight, 28 lbs. per bushel. 45c lb.; \$40.00 100 lbs.

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses. Weight, 15 lbs. per bushel. 25c lb.; \$20.00 100 lbs.

Sheep's Fescue (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures. Weight, 12 lbs. per bushel. 40c lb.; \$38.00 100 lbs.

Fine-Leaved Fescue (*Festuca Tenuifolis*). This is really a variety of *Festuca ovina* with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it not unsuitable for dry slopes on lawns. It stands grazing well, is very hardy, and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. Weight, 22 lbs. per bushel. 80c lb.; \$75.00 100 lbs.

Tall Fescue (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent purposes on moist soils. Weight, 15 lbs. per bushel. 60c lb.; \$50.00 100 lbs.

Rough Stalked Meadow Grass (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the spring, and continues green until late in the fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. Not procurable at present.



Orchard Grass

Rhode Island Bent (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and lawns. Soil and treatment same as for Red Top (*A. vulgaris*). Weight, 10 lbs. per bushel. Price on application.

Perennial Rye (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. Weight, 24 lbs. per bushel. 25c lb.; \$20.00 100 lbs.

Pacey's Short Seeded Perennial Rye. For use in golf courses, lawns, etc. 25c lb.; \$20.00 100 lbs.

Hard Fescue (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists summer drought, and develops remarkable verdure during winter. It should form a part of every mixture for lawn or pleasure grounds, as well as for permanent pasture and alternate husbandry. Weight, 14 lbs. per bushel. Not procurable at present.

Sweet Vernal (*Anthoxanthum odoratum*). Root fibrous; perennial; flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower stalks till the end of autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, being largely used for this purpose. Weight, 11 lbs. per bushel. 65c lb.; \$60.00 100 lbs.

Red or Creeping Fescue (*Festuca rubra*). This grass grows on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. Weight, 13 lbs. per bushel. Price, 40c lb.; \$38.00 100 lbs.

Yellow Oat Grass (*Avena flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils. Weight, 11 lbs. per bushel. 95c lb.; \$90.00 100 lbs.

Tall Meadow Oat Grass (*Avena Elatior*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep, sandy lands, and is suitable for sowing in orchards or other shady places. Weight, 15 lbs. per bushel. 30c lb.; \$28.00 100 lbs.

Wood Meadow Grass (*Poa nemoralis*). Root fibrous; flowers in June and July. This grass, as its name implies, is found naturally in woods and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Weight, 14 lbs. per bushel. Not procurable at present.

Various Leaved Fescue (*Festuca heterophylla*). A very early hardy perennial, two to three feet high, thriving best in cool, moist soils. It yields heavily and is a valuable grass in mixtures for permanent meadows, either for mowing or grazing. Its great production of root-leaves makes it an excellent bottom grass. It grows well in the shade and is suitable to form part of a mixture for shaded lawns. Weight, 15 lbs. per bushel. 40c lb.; \$38.00 100 lbs.



Perennial Rye Grass

ALTERNATE HUSBANDRY

All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds, when, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, in consequence, would be very much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it

has however, from the fact that all natural reseeding is prevented, a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Red-top and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equalled first crops of Timothy.

While it is true that the mixtures which we recommend are *seemingly* much more expensive than those commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the *ordinary* sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

Breck's Special Mixtures for Permanent Pastures

Table showing the proper quantities to Sow on an Acre of Light, Medium or Heavy Soils, for Permanent Pasture.

| KIND | | No. 1 Light Soils | No. 2 Medium Soils | No. 3 Heavy Soils | No. 4 For Orchards and shady places |
|--|---|----------------------|--------------------------|----------------------|--|
| Timothy | <i>Phleum pratense</i> | 2 lbs. | 3 lbs. | 4 lbs. | 3 lbs. |
| Red Top | <i>Agrostis vulgaris</i> | 4 " | 4 " | 6 " | 3 " |
| Orchard Grass | <i>Dactylis glomerata</i> | 8 " | 6 " | 4 " | 6 " |
| Meadow Fescue | <i>Festuca pratensis</i> | 2 " | 2 " | 1½ " | — |
| Hard Fescue | <i>Festuca duriuscula</i> | — | 1 " | 2 " | 2 " |
| Tall Fescue | <i>Festuca elatior</i> | 2 " | 2 " | 4 " | 1 " |
| Blue Grass | <i>Poa pratensis</i> | 4 " | 4 " | 2 " | 5 " |
| Rough Stalked Meadow Perennial Rye Grass | <i>Poa trivialis</i> | — | 2 " | 4 " | 6 " |
| Meadow Foxtail | <i>Lolium perenne</i> | 2 " | 3 " | 3 " | — |
| Crested Dogstail | <i>Alopecurus pratensis</i> | 1 " | 2 " | 2 " | 2 " |
| Wood Meadow | <i>Cynosurus cristatus</i> | 2 " | 1 " | 1 " | 4 " |
| Yellow Oat Grass | <i>Poa nemoralis</i> | 1 " | 1 " | — | — |
| Sweet Vernal | <i>Arena flavescens</i> | 2 " | 1 " | — | — |
| White Clover | <i>Anthoxanthum odoratum</i> | 2 " | 1 " | — | — |
| Alsike Clover | <i>Trifolium repens</i> | 4 " | 4 " | 4 " | 5 " |
| Perennial Red Clover | <i>Trifolium hybridum</i> | 1 " | 1 " | ½ " | — |
| | <i>Trifolium pratense perenne</i> | 2 " | 3 " | 3 " | 3 " |
| | | 39 lbs. | 41 lbs. | 41 lbs. | 40 lbs. |
| Price per acre, F. O. B. Boston (bags extra at value) | | 17.00 | 17.25 | 17.00 | 16.50 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover

PERMANENT GRASS SEED MIXTURES FOR GOLF LINKS

In order to better serve our customers and give them Golf Mixtures that are best adapted to the soils and climate of New England, we have made careful study and comparison of the mixtures used on the finest Golf Links in Scotland and England. Our mixtures are the result of many years' experimenting and study in search of grasses that would make the finest and most permanent courses and greens.

Some of the largest and best golf clubs in this section of the country have used our mixtures and we have yet to hear of unsatisfactory results.

No. 1. For Putting Greens. This mixture should be sown at the rate of 80 pounds per acre. Per lb. 35 cts.; per 100 lbs. \$30.00.

No. 2. For Fair Greens upon light and dry soils. Per lb. 40c.; per 100 lbs. \$35.00.

No. 3. For Fair Greens upon low and damp soils. Per lb. 35c.; per 100 lbs. \$30.00.

Mixtures Nos. 2 and 3 should be sown at the rate of 50 pounds per acre.



Kentucky Blue Grass

Sargent Camp, Inc.
A Summer Camp for Girls.

Railroad Sta. and Express Office, Eastview, N. H. Post Office
Peterboro, N. H.

JOSEPH BRECK & SONS, INC., Boston, Mass.

Dear Sirs:—A year or two ago we bought of you some grass seed which was of a special kind to be used for golf greens. It was excellent for the purpose and we could ask for nothing more satisfactory. Have you any of these seed in stock at the present time, and if not, can you inform us where we can get it or something equally good? Please quote prices.

(Signed) SARGENT CAMP, INC.,
By B.C. Willard, Treas.

July 7, 1916.

Breck's Special Mixtures for Mowing and Grazing Lands

NOTE.—It will be noticed that the different tables are all based on the quantity required to sow one acre. When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

| KIND | 1 or 2 Years' Mowing | | | 2 or 3 Years' Mowing or Grazing | | | 4 Years' Mowing or Grazing | | | Permanent Mowing with occasional Grazing | | |
|--|----------------------|-----------------------|----------------------|---------------------------------|-----------------------|-----------------------|----------------------------|------------------------|-----------------------|--|------------------------|-----------------------|
| | No. 5 Light Soils | No. 6 Medium Soils | No. 7 Heavy Soils | No. 8 Light Soils | No. 9 Medium Soils | No. 10 Heavy Soils | No. 11 Light Soils | No. 12 Medium Soils | No. 13 Heavy Soils | No. 14 Light Soils | No. 15 Medium Soils | No. 16 Heavy Soils |
| Italian Rye Grass | 6 | 6 | 6 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| Perennial Rye Grass | 4 | 4 | 5 | 5 | 5 | 6 | 5 | 6 | 7 | 6 | 6 | 7 |
| Orchard Grass | 4 | 3 | 3 | 6 | 5 | 5 | 8 | 6 | 6 | 9 | 7 | 7 |
| Meadow Foxtail | — | — | — | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| Hard Fescue | — | — | — | — | — | — | 2 | 1 | 1 | 2 | 2 | 2 |
| Blue Grass | — | — | — | — | — | — | — | — | — | 2 | 3 | 3 |
| Red Top | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 3 |
| Wood Meadow | — | — | — | — | — | — | — | — | — | 1 | 1 | 1 |
| Rough Stalked Meadow | — | — | — | — | — | — | 1 | 2 | 3 | 1 | 2 | 2 |
| Meadow Fescue | 1½ | 1½ | 2 | 1½ | 2 | 2 | 2 | 3 | 4 | 2 | 4 | 4 |
| Sweet Vernal | ½ | ½ | ½ | ½ | ½ | ½ | 1 | 1 | 1 | 1 | 1 | 1 |
| Timothy | 7 | 9 | 9 | 7 | 9 | 9 | 3 | 4 | 4 | 2 | 3 | 3 |
| Red Clover | 7 | 8 | 8 | 4 | 5 | 5 | — | — | — | — | — | — |
| Perennial Red Clover | — | — | — | — | — | — | 4 | 5 | 5 | 2 | 2 | 3 |
| Alsike Clover | 1 | 1 | 1½ | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 |
| White Clover | — | — | — | 2 | 1½ | 1½ | 2 | 2 | 2 | 2 | 2 | 2 |
| | 33 | 35 | 38 | 35 | 38 | 40 | 38 | 41 | 44 | 40 | 43 | 45 |
| Price per acre, F. O. B. Boston (bags extra at value) | 11.15 | 11.75 | 12.50 | 12.45 | 12.20 | 13.55 | 15.00 | 15.65 | 16.75 | 15.30 | 15.85 | 17.00 |

For free delivery offers and general instructions regarding orders and shipments see third page of cover

Breck's Lawn Grass Seed



Smooth, firm, ever-green lawns from Breck's Lawn Grass Mixtures

Breck's Standard Lawn Grass Seed



We have given much thought and made many experiments in order to ascertain just what is the best mixture for permanent lawns, and the grasses which are best suited to this climate. By the proper

blending of the varieties which constitute Breck's Lawn Grass, we have obtained a mixture that from early spring to late fall will give to lawns made with it that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country.

- One quart will sow 300 sq. ft.....Price per qt. \$0.35
- Two quarts will sow 600 sq. ft.....Price per 2 qts. .65
- One half peck will sow 1,200 sq. ft...Price per ½ pk. 1.25
- One peck will sow 2,400 sq. ft.....Price per pk. 2.00
- One bush. will sow 10,000 sq. ft....Price per bush. 7.00

Four bushels will sow one acre.

Boston Park Lawn Grass



The same mixture of grasses and clover as supplied by us to the City of Boston Park Commissioners for sowing on the Franklin and other parks administered by them.

- Per pound\$0.45
- Per peck, 8 pounds 3.25
- Per bushel, 32 pounds12.00

Two bushels will sow one acre.

Breck's "Shady Spot" Lawn Grass

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance. If sown on such locations, in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented. Per qt., .35; per 2 qts., .65; per ½ pk., 1.25; per pk., 2.00; per bushel, 7.00.



Breck's Bank and Terrace Grass Mixture

A mixture of deep-rooting grasses specially prepared for embankments and situations where it is impractical to get a successful catch of the less spreading rooted sorts. It produces a rich velvety turf throughout the season. No coarse-growing undesirable varieties are used in this mixture. Per qt., .35; per 2 qts., .65; per ½ pk., 1.25; per pk., 2.00; per bushel, 7.00.

Sterlingworth Lawn Compound

Kills the weeds but not the grass and makes the lawn green and velvety.

It seems incredible that a preparation can be made which will kill the weeds in lawns without injuring the grass. This is exactly what "STERLINGWORTH LAWN COMPOUND" will do and also it will help the grass to grow green and greatly improve the sward. It absolutely destroys Dandelions, Plantain, Chickweed and all weeds with hairy surfaces or broad leaves. It is a dry sandy powder to be applied by sprinkling over the grass.

Five pounds will dress 500 to 700 square feet. Full directions for use on each package. Prices: 5-lb cans, 60c; 10-lb. cans, \$1.00; 50-lb. kegs, \$4.00; 100-lb. kegs, \$7.50.

Valuable Table for Planting

| NAME OF VEGETABLE | WHEN TO PLANT | | DEPTH to PLANT Inches | DISTANCE APART Inches | TIME OF MATURITY |
|-------------------|---------------|-----------------|--------------------------|------------------------------------|---------------------|
| | HOT BED | OPEN GROUND | | | |
| Artichoke, Globe | March | May | ½ | Transplant 24 x 36 | September to frost |
| Asparagus | ..... | April or May | 1 | Transplant 12 x 36 | 3rd year from roots |
| Beans, Pole | March | May and June | 2 | Poles 36 x 36 | August to frost |
| Beans, Dwarf | March | May to August | 2 | Thick drills, 24 apart | 45 days |
| Beets | March | May to August | 1 | Thin to 5 x 15 | 50 " |
| Broccoli | March | June | ¼ | Transplant 18 x 30 | 100 " |
| Brussels Sprouts | March | May and June | ¼ | Transplant 12 x 18 | 150 " |
| Cabbage, Early | March | April and May | ¼ | Transplant 18 x 24 | 100 " |
| Cabbage, Late | ..... | June | ¼ | Transplant 24 x 36 | 100 " |
| Carrot | March | May and June | ¼ | Thin to 5 x 15 | 100 " |
| Cauliflower | April | May and June | ¼ | Transplant 24 x 36 | 100 " |
| Celery | March | May | Barely cover | Transplant 2 x 4, in flats | 170 " |
| Sweet Corn | ..... | May to June | { 1 Early 1½ late | { Drills 10 x 30 Drills 12 x 48 | 60 to 90 days |
| Cress | ..... | May to July | ¼ | Thin to 3 x 12 | 40 days |
| Cucumber | March | May to July | ¼ | Hills 48 x 48 | 50 to 75 days |
| Dandelion | ..... | May | ¼ | Thin to 6 x 12 | Following spring |
| Egg Plant | April | June | ¼ | Transplant 36 x 36 | 135 to 150 days |
| Endive | March | June to August | ¼ | Transplant 12 x 12 | 45 days |
| Kale | ..... | June to August | ½ | Transplant 12 x 18 | 150 " |
| Kohl Rabi | ..... | May to July | ½ | Thin to 6 x 18 | 110 " |
| Leek | ..... | May and June | 1 | Transplant 5 x 12 | 100 " |
| Lettuce | March | April to August | ¼ | Transplant 12 x 12 | 25 to 60 days |
| Martynia | March | May | 1 | Transplant 36 x 36 | 70 days |
| Melons, Musk | April | May and June | 1 | Hills 60 x 60 | 120 " |
| Melons, Water | ..... | May and June | 1 | Hills 96 x 96 | 110 " |
| Okra | March | May | 1½ | Thin to 12 x 18 | 100 " |
| Onion | ..... | April and May | ¼ | Thin to 5 x 18 | 100 to 150 days |
| Parsley | March | April and May | ¼ | Thin to 6 x 12 | 45 days |
| Parsnips | ..... | April and May | ¾ | Thin to 5 x 18 | 140 " |
| Peas | ..... | April to July | 3 | Thick rows, 24 apart | 40 to 80 days |
| Pepper | March | June | ¼ | Transplant 18 x 24 | 135 to 160 days |
| Potato | ..... | April to June | { 2 Early 5 Late | 12 x 36 | 90 to 130 " |
| Pumpkin | ..... | June | ¼ | Hills 48 x 72 | 115 days |
| Radish | March | April to Sept. | ¼ | Thin to 2 x 12 | 25 to 45 days |
| Salsify | ..... | May | ¼ | Thin to 4 x 18 | Oct. through winter |
| Spinach | ..... | April and May | 1 | Thick rows, 12 or 15 apart | 30 to 40 days |
| Squash | ..... | June | 1 | Hills 48 x 72 | 60 to 130 " |
| Tomato | March | June | ¼ | Transplant 36 x 36 | 100 to 150 " |
| Turnip | ..... | April to August | ¼ | Thin to 4 x 18 | 60 to 75 " |

Directions for Making and Caring for Hot-beds

Early in March obtain a good quantity of fresh horse manure, mix with it one-third to one-half its bulk in leaves, and by tramping down the mass in layers, make a large pile, so that the fermentation will continue even in very cold weather. When this fermentation shows, by the escape of steam from the pile, turn it over and allow it to remain so for a few days or until the second fermentation shows; then place the manure in a pit at least 2½ feet deep and tread it down firmly in layers to a depth of about 2 feet. Build your pit in a sheltered spot, facing the south or east if possible and line with heavy planks or concrete. The frame used to support the sashes covering the bed should be raised 6 inches higher at the back than the front, to give proper slope to the sash to catch the sunlight.

After the manure is firmly trodden down in the pit, scatter over the surface a good covering of air-slaked lime, to keep all slugs, worms, and other pests from infesting the surface soil. After this is done, fill in about 4 or 5 inches of good, rich, cleansifted loam, level off and place a thermometer therein. Put on sashes and let the frame remain closed until the thermometer registers about 70 to 75 degrees and remains steady. Sow your seed, covering it lightly. Keep the surface moist by an occasional watering with a fine spray. As the seedlings appear it is advisable to allow them a little air each day to prevent them damping off; when the plants are large enough they can be thinned out, transplanted into boxes or small pots and placed back in the warm frame.

VALUABLE TABLES

SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE

| | Quantity per acre. |
|--|--------------------|
| Artichoke, 1 oz. to 30 ft. of drill..... | ¾ lb. |
| Asparagus, 1 oz. to 200 plants..... | 5 " |
| Barley | 2½ bu. |
| Beans, Dwarf, 2 lbs. to 100 feet of drill..... | 75 lbs. |
| Beans, Pole, 1 qt. to 200 hills..... | 30 " |
| Beet, Garden, 1 oz. to 50 feet of drill..... | 6 " |
| Beet, Mangel, 1 oz. to 50 feet of drill..... | 8 " |
| Broccoli, 1 oz. to 1,500 plants..... | 8 oz. |
| Broom, Corn | 10 lbs. |
| Brussels Sprouts, 1 oz. to 1,200 plants..... | 8 oz. |
| Buckwheat | ½ bu. |
| Cabbage, 1 oz. to 2,500 plants..... | 5 oz. |
| Carrot, 1 oz. to 100 feet of drill..... | 4 lbs. |
| Cauliflower, 1 oz. to 2,500 plants..... | 5 oz. |
| Celery, 1 oz. to 3,000 plants..... | 4 " |
| Clover, Alsike and White Dutch..... | 15 lbs. |
| Clover, Lucerne, large Red, Crimson & Trefoil..... | 15 " |
| Clover, Medium..... | 15 " |
| Collards, 1 oz. to 2,500 plants..... | 6 " |
| Corn, Sweet, 2 lb. to 200 hills..... | 12 " |
| Cress, 1 oz. to 100 feet of drill..... | 8 lbs. |
| Cucumber, 1 oz. to 50 hills..... | ¾ " |
| Egg Plant, 1 oz. to 1,000 plants..... | 5 oz. |
| Endive, 1 oz. to 150 feet of drill..... | 3 lbs. |
| Flax, broadcast | 28 " |
| Garlic, bulbs, 1 lb. to 10 feet of drill..... | 2¾ " |
| Gourd, 1 oz. to 25 hills..... | 42 " |
| Grass, Blue, Kentucky | 42 " |
| Grass, Blue, English | 28 " |
| Grass, Hungarian and Millet | 48 " |
| Grass, Mixed Lawn..... | 80 " |
| Grass, Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow..... | 42 " |
| Grass, Timothy | 22 " |
| Grass, Red Top, fancy, clean seed..... | 20 " |
| Kale, 1 oz. to 1,200 plants..... | 6 oz. |
| Kohl Rabi, 1 oz. to 150 feet of drill..... | 2 lbs. |
| Leek, 1 oz. to 100 feet of drill..... | 4 " |
| Lettuce, 1 oz. to 250 feet of drill..... | 3 " |
| Martynia, 1 oz. to 50 feet of drill..... | 10 " |
| Melon, Musk, 1 oz. to 60 hills..... | 2 " |
| Melon, Water, 1 oz. to 40 hills..... | 3 " |
| Nasturtium, 1 oz. to 40 feet of drill..... | 10 " |
| Oats | 3 bu. |
| Okra, 1 oz. to 40 feet of drill..... | 10 lbs. |
| Onion Seed, 1 oz. to 100 feet of drill..... | 4 to 5 " |
| Onion Seed, for Sets..... | 30 to 50 " |
| Onion Sets, 1 qt. to 20 feet of drill..... | 8 bu. |
| Parsnip, 1 oz. to 100 feet of drill..... | 5 lbs. |
| Parsley, 1 oz. to 150 feet of drill..... | 8 " |
| Peas, Garden, 1 qt. to 100 feet of drill..... | 90 " |
| Peas, Field | 150 " |
| Pepper, 1 oz. to 2,000 plants..... | 4 oz. |
| Potatoes | 10 bu. |
| Pumpkin, 1 qt. to 300 hills..... | 4 qts. |
| Radish, 1 oz. to 100 feet of drill..... | 8 lbs. |
| Rye | 1½ bu. |
| Salsify, 1 oz. to 50 feet of drill..... | 10 lbs. |
| Spinach, 1 oz. to 50 feet of drill..... | 10 " |
| Summer Savory, 1 oz. to 500 feet of drill..... | 2 " |
| Squash, Summer, 1 oz. to 40 hills..... | 2 " |
| Squash, Winter, 1 oz. to 20 hills..... | 4 " |
| Tomato, 1 oz. to 2,000 plants..... | 3 oz. |
| Tobacco, 1 oz. to 4,000 plants..... | 2 " |
| Turnip, 1 oz. to 150 feet of drill..... | 2 lbs. |
| Vetches | 30 to 60 " |
| Wheat | 1 to 2 bu. |

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES

| Dis. apart. | No. plants. |
|--------------|-------------|
| ½ foot | 174,240 |
| 1 " | 43,560 |
| 1½ " | 19,360 |
| 2 feet | 10,890 |

| Dis. apart. | No. plants. |
|------------------------|-------------|
| 2½ feet..... | 6,969 |
| 3 feet by 1 foot | 14,520 |
| 3 " 2 feet | 7,260 |
| 3 " 3 " | 4,840 |
| 4 " 1 " | 10,888 |
| 4 " 2 " | 5,444 |
| 4 " 3 " | 3,629 |
| 4 " 4 " | 2,722 |
| 5 " 5 " | 1,742 |
| 6 " | 1,210 |
| 7 " | 889 |
| 8 " | 680 |
| 9 " | 573 |
| 10 " | 435 |
| 11 " | 360 |
| 12 " | 302 |
| 15 " | 193 |
| 18 " | 134 |
| 20 " | 108 |
| 25 " | 69 |
| 30 " | 64 |

WEIGHT OF VARIOUS ARTICLES

| | Per bu., | 48 lbs. |
|--|----------|---------|
| Apples | " | 25 " |
| Apples, Dried | " | 48 " |
| Barley | " | 60 " |
| Beans | " | 56 " |
| Beans, Limas | " | 48 " |
| Buckwheat | " | 46 " |
| Broom Corn | " | 14 " |
| Blue Grass, Kentucky | " | 24 " |
| Blue Grass, English | " | 20 " |
| Bran | " | 60 " |
| Canary Seed | " | 46 " |
| Castor Beans | " | 60 " |
| Clover Seed | " | 56 " |
| Corn, Shelled | " | 70 " |
| Corn, on Ear | " | 50 " |
| Corn Meal | " | 22 " |
| Charcoal | " | 80 " |
| Coal, Mineral | " | 32 " |
| Cranberries | " | 33 " |
| Dried Peaches | " | 55 " |
| Flax Seed | " | 40 " |
| Hemp Seed | " | 48 " |
| Hungarian Grass Seed | " | 60 " |
| Irish Potatoes, heaping measure | " | 50 " |
| Millet | " | 38 " |
| Malt | " | 32 " |
| Oats | " | 33 " |
| Osage Orange | " | 14 " |
| Orchard Grass | " | 52 " |
| Onions | " | 60 " |
| Peas | " | 8 " |
| Plastering Hair | " | 50 " |
| Rape | " | 56 " |
| Rye | " | 10 " |
| Red Top Seed, Chaff Seed..... | " | 40 " |
| Red Top Fancy, Clean Seed | " | 70 " |
| Salt, Coarse | " | 50 " |
| Salt, Michigan | " | 54 " |
| Sweet Potatoes | " | 45 " |
| Timothy Seed | " | 55 " |
| Turnips | " | 60 " |
| Wheat | " | 200 " |
| Beef and Pork, per bbl., net..... | " | 196 " |
| Flour, per bbl., net..... | " | 200 " |
| White Fish and Trout, per bbl., net..... | " | 280 " |
| Salt, per bbl..... | " | 220 " |
| Lime, per bbl..... | " | 4½ " |
| Hay, well settled, per cubic foot..... | " | 22 " |
| Corn, on Cob, in bin, per cubic foot..... | " | 45 " |
| Corn, Shelled, in bin, per cubic foot..... | " | 48 " |
| Wheat, in bin, per cubic foot..... | " | 25½ " |
| Oats, in bin, per cubic foot..... | " | 60 " |
| Potatoes, in bin, per cubic foot..... | " | 95 " |
| Sand, Dry, per cubic foot..... | " | 135 " |
| Clay, Compact, per cubic foot..... | " | 169 " |
| Marble, per cubic foot..... | " | 5,616 " |
| Seasoned Beech Wood, per cord..... | " | 6,960 " |
| Seasoned Hickory, per cord..... | " | |



BRECK'S HIGH GRADE FLOWER SEEDS

Our carefully revised list of species and varieties of merit, contains chiefly those of comparatively easy culture. A small sum expended for seeds of any of these plants will bring full measure of enjoyment and satisfaction to the purchaser. In general, the finest garden effects are produced by mass-displays, especially where the plants are set in borders or where the flowers will have backgrounds of shrubbery. The best use of individual specimens is in pot-culture. The present tendency in this country to bring hardy perennials into more general cultivation is encouraging, for it attests an increasing love of flowers among the people, but this trend should in no way cause annuals to decline in popular favor. Both groups are indispensable; the perennials for permanent effects; the annuals for variety.

HALF-HARDY PERENNIALS AND BIENNIALS.—It is usually best to start seeds of these plants indoors, but they may be sown in the open like those of hardy varieties.

STARTING PLANTS INDOORS.—Any fine, sandy loam will answer, but if possible make a mixture of equal parts of light soil, leaf-mould and sand. Boxes, two or three inches deep, shallow pots, and seed pans,—filled to one-third their depth with small pieces of broken pots or other coarse material, to insure good drainage—are satisfactory containers; fill them within about three-fourths of an inch of the tops, pressing the soil down firmly, and water thoroughly a day before sowing. Distribute the seeds evenly but not too thickly, cover not over an eighth of an inch deep, and press the soil down upon them with the hands or a piece of board; then water with fine spray. It is a good plan to cover each seed pan or flat with a sheet of newspaper, until after germination, to prevent the soil from drying out too rapidly, but see to it that plenty of air gains admittance. Keep in a sunny window near the glass in a temperature of from 60 to 70 degrees; water carefully when necessary, and before the seedlings begin to crowd transplant into two-inch pots or set them an inch or more apart each way in other shallow boxes or pans. It may be necessary to transplant a second time before the weather is suitable for setting out.

OUT-OF-DOOR CULTURE

PREPARATION OF THE SOIL.—Needless to say, thorough preparation of the soil is the first essential of successful flower-culture. Choosing a sunny situation, dig the ground deeply and mix plenty of manure or fertilizer with the soil, raking out all loose stones and tufts of roots or grass. When the surface is smooth and firm, the bed is ready for planting.

SEED SOWING.—Seeds should be sown in pulverized soil and covered lightly to a depth equal to about three times their diameter. Exceedingly small seeds often do not need covering; pressing them into the soil with a board is sufficient.

SUBSEQUENT CARE.—After the seed is sown little care is required beyond occasional watering and weeding, with enough loosening of the soil so that the plants may receive the full benefit of rains and dews.

HARDY ANNUALS.—Plants of this class are of the simplest culture. Seeds should be sown out of doors as early in spring as the ground can be prepared properly. Frequently a second sowing is made a week or two later, to insure a longer flowering-season.

HALF-HARDY ANNUALS.—The seeds of these plants require a higher ground-temperature for germination than the preceding, hence they should be sown later,—usually during the latter part of May.

TENDER ANNUALS.—These seeds are sown indoors about March 1st, and the plants set out in the garden when the ground is thoroughly warm and the weather settled.

HARDY PERENNIALS AND BIENNIALS.—These may be treated like Hardy Annuals; or the seeds may be sown in July or August and the plants covered, after frost sets in, with a light litter of leaves or straw.

Breck's Selected List of High Grade Flower Seeds



Aster, Breck's Improved Midsummer

Breck's Choice List of Asters

BRECK'S CHOICE LIST OF ASTERS

The demand for Breck's Asters from the leading commercial and private growers all over the United States is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded.

Cultivation.—Sow in fine soil, and cover lightly in shallow boxes, which should be set in the greenhouse or a sunny window. Keep moderately moist until the plants are well up, then transplant, three inches apart.

265. **BRECK'S INTERNATIONAL PRIZE MIXTURE.**—This comprises all the best varieties and finest colors of large-flowering Asters. ¼ oz. Pkt.

Oz. \$3.50 \$1.00 \$0.10

ASTERMUM.—This is a beautiful new type of Aster. The flowers are of enormous size with very full centers. The plant is of sturdy growth with long, straight stems. This new departure in Asters should be welcomed by all Aster lovers.

- 415. Lavender20
- 416. Pink20
- 417. Pure White20

253. **PINK ENCHANTRESS.**—The flowers of this new variety are always full and very double; the petals are wide and of medium length. The ones toward the centre folding in while those towards the outer edge gradually stand out more and more, the outside petals being almost flat. The plants are not of the branching, but more of the up-

right habit, their growth is very vigorous and they produce long graceful stems to support their enormous flowers..... .15

254. **EARLY SNOWDRIFT.**—One of the earliest Asters in cultivation. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of 12 to 18 long slender upright stems crowned with immense perfectly double flowers of the Ostrich Feather type. Pure white15

EARLY WONDER.—These are the earliest Asters in cultivation. They are after the style of the Giant Comet and are destined to become the leading early Asters. They should prove a great boon to growers requiring large early blooms.

- 257. Light Pink15
- 258. Snow White15
- 259. Lavender. Beautiful shade..... .20

260. **BRECK'S DAWN OF DAY.**—One of the earliest-flowering white Asters yet raised; it flowers about 10 days ahead of Queen of the market. Of perfect form, erect growth, and long stems with pure white flowers.... .10

261. **HERCULES.**—This is an Aster raised from the large white variety of Hercules first offered in 1905. The plants grow in a semi-dwarf compact form about 20 inches high and produce immense and beautiful flowers of a rosy lilac shade. One of the most refined of all Asters..... .15

262. **ECLIPSE.**—The flowers of this beautiful and distinct variety are of immense size, often measuring 6 to 7 inches across. Pure white with thread-like florets and very double 15

SINGLE JAPANESE ASTER.—A new sort, reminding one of the single blooming Japanese Chrysanthemum; flowers in two colors, white and delicate rose, both having yellow central disks, encircled by long quilled petals, giving the bloom an unusually graceful and uncommon aspect. Plants make a large number of strong side stalks, right from the base of the main stem, making it a good sort for cut flowers, or for a late summer bedding variety.

263. **White** 15
264. **Delicate Rose** 15

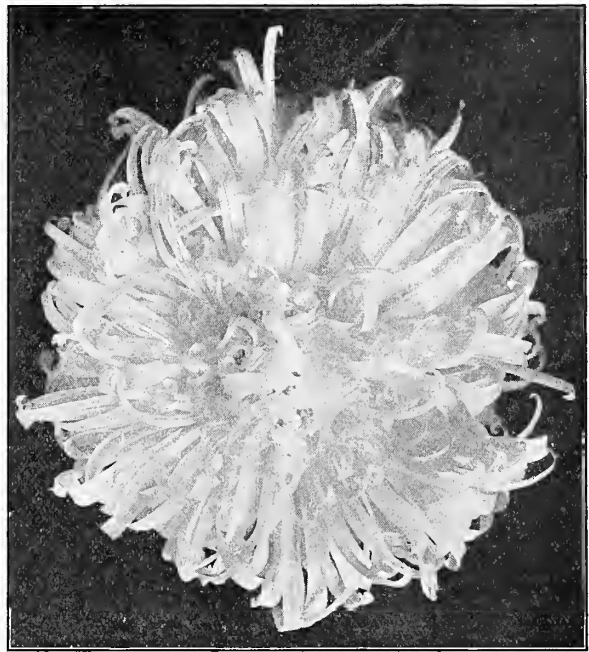
286. **MAIDEN'S BLUSH.**—A beautiful, extra large, light salmon pink, of branching habit; very free flowering..... 15

287. **GIANT WHITE EMPRESS.**—This excellent variety is of very strong and sturdy growth. The flowers are of the purest white and very double, measuring five to six inches across..... 15

266. **BETTERIDGE'S QUILLED.**—One of the finest Asters having quilled petals; flowers large and quite double. 2 ft..... 30 10

BRECK'S GIANT JAPANESE.—An improved type of the Giant Comet, with long wavy, twisted petals, flowers of good substance and well formed. 2½ ft.

270. **Pure White** 1.00 15
271. **Peach Blossom** 1.00 15
272. **Scarlet** 1.00 15
273. **Dark Blue** 1.00 15
274. **Mixed** 1.00 15



Aster, Breck's Concord

BRECK'S CONCORD.—These magnificent Asters are large, double and very showy, the petals overlapping clear to the centre. The plants are of luxuriant growth, 18 inches high, and bear 25 to 40 flowers on a plant. The flowers measure 4 to 5 inches across and are of perfect form. Excellent for Florists's use.

| | Oz. | ¼ oz. | Pkt. |
|---------------------------------|------|-------|------|
| 315. Pure White | 4.00 | 1.25 | .10 |
| 316. Light Blue | 4.00 | 1.25 | .10 |
| 317. Light Pink | 4.00 | 1.25 | .10 |
| 318. Lilac | 4.00 | 1.25 | .10 |
| 319. Crimson | 4.00 | 1.25 | .10 |
| 320. Scarlet | 4.00 | 1.25 | .10 |
| 321. Dark Blue | 4.00 | 1.25 | .10 |
| 322. Apple Blossom | 4.00 | 1.25 | .10 |
| 323. Salmon | 4.00 | 1.25 | .10 |
| 324. Mixed Colors | 4.00 | 1.25 | .10 |

268. **QUEEN OF ITALY.**—This is an Italian introduction and has been named the Queen, as it will doubtless range foremost amongst all Asters. It grows about 28 inches high and bears giant flowers 5 inches in diameter, on long and graceful stems. The flowers are very double and of a distinct chamois color. 25

BRECK'S IMPROVED MIDSUMMER.—These Asters comprise a collection of mid-season varieties, distinguished by their delicate shades of color. The plants are very vigorous, upright in growth, and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. 2 ft.

| | |
|--|-----|
| 325. Giant Pink. Lovely light pink..... | .25 |
| 326. Lavender. A very delicate shade of blue | .15 |
| 327. Pure White. An extremely good white. | .15 |
| 328. Royal Purple. A rich dark blue..... | .15 |
| 329. Rose. A soft clear pink, delicately shading to the centre..... | .15 |
| 330. Salmon. Pale salmon pink..... | .15 |
| 331. Sunset. Creamy pink with deeper centre | .15 |
| 332. Yellow. Pale lemon yellow..... | .15 |
| 333. Light Blue. A beautiful shade..... | .15 |
| 334. Choice Mixed. From above varieties.... | .10 |



Aster, Early Non-Lateral Branching



Aster, Vick's Branching

NEW EARLY NON-LATERAL BRANCHING.—

A distinct advance in the branching class. Coming into bloom about two weeks earlier than the late branching, the few branches are free from side-buds, the whole strength of the plant being given to the development of extra large perfectly formed flowers on extra long stems, making them very desirable for cutting. 2 ft.

| | | ¼ oz. | Pkt. |
|---------------------|------|-------|------|
| 276. Crimson | 1.00 | | .10 |
| 277. Lavender | 1.00 | | .10 |
| 278. Rose | 1.00 | | .10 |
| 279. White | 1.00 | | .10 |

AMERICAN BRANCHING.—A free growing variety with large flowers, which are borne on long stems. A late variety exceptionally good for cutting. 2½ ft.

| | Oz. | | |
|-----------------------|------|-----|-----|
| 280. Pure White | 2.00 | .60 | .10 |
| 281. Shell Pink | 2.00 | .60 | .10 |
| 282. Lavender | 2.00 | .60 | .10 |
| 283. Purple | 2.00 | .60 | .10 |
| 284. Crimson | 2.00 | .60 | .10 |
| 285. Mixed | 2.00 | .60 | .10 |

GIANT COMET, BRECK'S SPECIAL STRAIN.—

These are the most popular of all Asters. Enormous flowers with long, wavy, twisted petals, resembling Japanese Chrysanthemums. 2½ ft.

| | | | |
|---------------------------------|------|------|-----|
| 299. Dark Blue | 3.00 | 1.00 | .10 |
| 300. The Bride. Pure white..... | 3.00 | 1.00 | .10 |
| 301. Light Blue | 3.00 | 1.00 | .10 |
| 302. Lilac | 3.00 | 1.00 | .10 |
| 303. Crimson | 3.00 | 1.00 | .10 |
| 304. Peach Blossom | 3.00 | 1.00 | .10 |
| 305. Rose | 3.00 | 1.00 | .10 |
| 306. Sulphur Yellow | 3.00 | 1.00 | .10 |
| 308. Rose and White..... | 3.00 | 1.00 | .10 |
| 309. Finest Mixed | 3.00 | 1.00 | .10 |

Collection, 8 distinct colors, 75c.

Collection, 6 distinct colors, 50c.

290. CHRYSANTHEMUM FLOWERED DWARF

PERFECTION.—The plants only attain a height of about 12 inches, but the flowers are large and double like ChrysanthemumsOz. 2.50 .75 .10

GIANT CREGO.—This Aster, through the most careful selection, has been brought to a state of perfection hitherto unknown in this type. The plants grow to a height of over 2 feet, with long well-branched, strong stems and fluffy, graceful flowers as fine as any Chrysanthemums. When cut they keep longer in good condition than other Asters of this type.

| | | | |
|-----------------------------|------|-----|-----|
| 293. Giant Mixed | | .75 | .10 |
| 294. Giant Dark Blue | 1.00 | | .10 |
| 295. Giant Deep Pink | 1.00 | | .10 |
| 296. Giant Snow White | 1.00 | | .10 |
| 297. Giant Shell Pink | 1.00 | | .10 |
| 298. Giant Lavender | 1.00 | | .10 |

OSTRICH PLUME MODEL.—This is a distinct variety with the true Ostrich Feather form. The plants are of a dwarf compact habit, being only six inches in height and very free-flowering; especially good for borders.

| | | | |
|------------------------|------|--|-----|
| 350. Pure White | 2.00 | | .15 |
| 351. Bright Rose | 2.00 | | .15 |



Breck's Midsummer Aster

OSTRICH FEATHER, or PLUME ASTER.—An extremely graceful Aster. Flowers of immense size with loose feathery heads. The branching habit makes it a conspicuous border plant, exceptionally good for table decoration. 2 to 2½ ft.

| | Oz. | ¼ oz. | Pkt. |
|-----------------------------------|------|-------|------|
| 355. White, violet tipped..... | 3.00 | 1.00 | .15 |
| 356. Terra Cotta | 3.00 | 1.00 | .15 |
| 357. White | 3.00 | 1.00 | .15 |
| 358. White, changing to rose..... | 3.00 | 1.00 | .15 |
| 359. Rose | 3.00 | 1.00 | .15 |
| 360. Crimson | 3.00 | 1.00 | .15 |
| 361. Reddish Lilac | 3.00 | 1.00 | .15 |
| 362. Light Blue | 3.00 | 1.00 | .15 |
| 363. Mixed | 3.00 | 1.00 | .15 |

QUEEN OF THE EARLIES.—Special strain of Queen of the market.—This variety is about three weeks earlier than the larger varieties; flowers of medium size borne on long stems; used extensively by florists. 1½ ft. Oz.

| | | | |
|--------------------------|------|-----|-----|
| 370. Dark Blue | 2.00 | .60 | .10 |
| 371. Crimson | 2.00 | .60 | .10 |
| 372. Light Blue | 2.00 | .60 | .10 |
| 373. Rose | 2.00 | .60 | .10 |
| 374. White | 2.00 | .60 | .10 |
| 376. Deep Scarlet | 2.00 | .60 | .10 |
| 378. Peach Blossom | 2.00 | .60 | .10 |
| 379. Lavender | 2.00 | .60 | .10 |
| 377. Mixed | 2.00 | .60 | .10 |

GIANT PAEONY-FLOWERED PERFECTION.—

A general favorite. The plants are of branching, pyramidal form and very floriferous. Our stock of this seed is a great improvement on what is generally offered. 2 ft. Oz.

| | | | |
|------------------------------|------|------|-----|
| 380. Blood Red | 3.00 | 1.00 | .15 |
| 381. Brilliant Rose | 3.00 | 1.00 | .15 |
| 382. Brilliant Scarlet | 3.00 | 1.00 | .15 |
| 383. Dark Blue | 3.00 | 1.00 | .15 |
| 384. Delicate Rose | 3.00 | 1.00 | .15 |
| 385. Crimson | 3.00 | 1.00 | .15 |
| 386. Carmine Rose | 3.00 | 1.00 | .15 |
| 387. Light Blue | 3.00 | 1.00 | .15 |
| 388. Snow White | 3.00 | 1.00 | .15 |
| 389. Amethyst Blue | 3.00 | 1.00 | .15 |
| 390. Mixed | 3.00 | 1.00 | .10 |

Collection, 8 distinct colors, 75c.

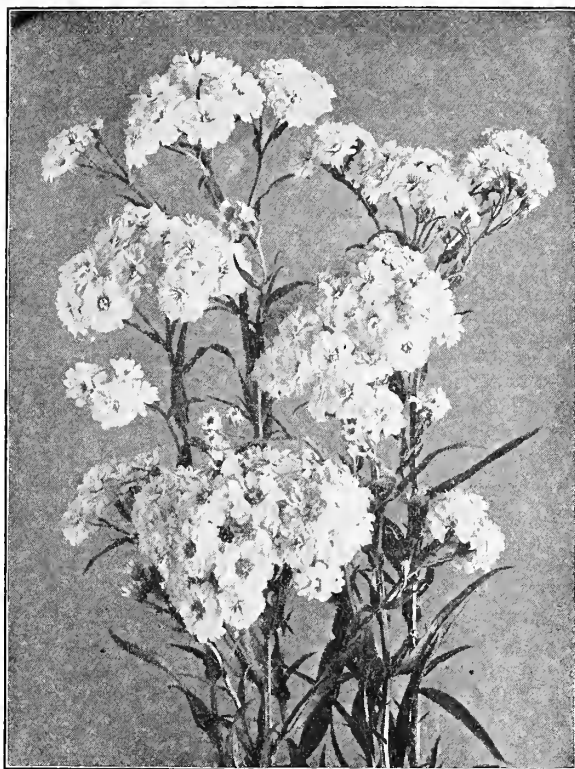
Collection, 6 distinct colors, 50c.

VICTORIA IMPROVED.—One of the nicest types for exhibition. The petals curve outwards instead of folding in which makes it a splendid contrast to the Paeony-Flowered varieties. The flowers are very large. Height 18 inches.

| | | | |
|------------------------------|----------|------|-----|
| 395. Azure Blue | 1.50 | .15 | |
| 396. Dark Blue | 1.50 | .15 | |
| 397. Scarlet | 1.50 | .15 | |
| 398. Crimson | 1.50 | .15 | |
| 399. Light Rose | 1.50 | .15 | |
| 400. Carmine Rose | 1.50 | .15 | |
| 401. Rose and White..... | 1.50 | .15 | |
| 402. Peach Blossom | 1.50 | .15 | |
| 404. White | 1.50 | .15 | |
| 405. White, tinted rose..... | 1.50 | .15 | |
| 406. Sulphur Yellow | 1.50 | .15 | |
| 407. Coppery Rose | 1.50 | .15 | |
| 408. Daybreak Pink | 1.50 | .15 | |
| 409. Mixed | Oz. 4.00 | 1.25 | .10 |

Collection, 8 distinct colors, 75c.

Collection, 6 distinct colors, 50c.



Achillea Ptarmica (The Pearl)

VICK'S BRANCHING.—This vigorous variety forms tall, bushy plants. Flowers extra large, borne on long, stout stems. It is a great favorite with the florists for late cutting. 2½ ft.

| | ¼ oz. | Pkt. |
|-------------------------------|-------|------|
| 418. Giant Peach Blossom..... | 1.00 | .15 |
| 419. Rosy Carmine | 1.00 | .10 |
| 420. Crimson | 1.00 | .10 |
| 421. Lavender | 1.00 | .10 |
| 422. Shell Pink | 1.00 | .10 |
| 423. White | 1.00 | .10 |
| 424. Purple | 1.00 | .10 |
| 425. Rose | 1.00 | .10 |
| 426. Finest Mixed | 1.00 | .10 |

GIANT SINGLE MARGUERITE.—This beautiful variety has come into great favor. The plants are of vigorous habit, large flowers with long beautifully twisted petals, borne on long, strong stems.

| | | |
|----------------------|------|-----|
| 410. Dark Blue | 1.00 | .10 |
| 411. Deep Rose | 1.00 | .10 |
| 412. Lavender | 1.00 | .10 |
| 413. White | 1.00 | .10 |
| 414. Mixed | 1.00 | .10 |

ASTER (Perennial Varieties)

MICHAELMAS DAISY.—These showy perennials may be easily raised from seed and make attractive, autumn flowering border plants. If seed is sown very early in spring they will bloom the following autumn.

| | |
|--|-----|
| 440. Alpinus Speciosus. Purple, 1 ft..... | .10 |
| 441. Bessarabicus. Blue, 2 ft..... | .10 |
| 442. Gymnocephalus. Rose, 2 ft..... | .10 |
| 443. Mixed | .10 |
| 444. White Queen. Pure white, free-flowering | .10 |

| | | |
|---|-------|------|
| ABOBRA. —A very pretty climber with dark green foliage and scarlet fruit; suitable for planting out during the summer. | Oz. | Pkt. |
| 10. <i>Viridiflora.</i> hhP, 6 ft..... | | .10 |
| ABRONIA. —Sweet scented, verbena-like trailers, suitable for growing in rock gardens and similar locations. Tender perennial. | ¼ oz. | Pkt. |
| 15. <i>Arenaria.</i> Yellow | 1.50 | .10 |
| 16. <i>Umbellata Grandiflora.</i> Rose | .25 | .10 |
| 17. <i>Villosa.</i> Purple | 1.00 | .10 |
| ABUTILON. —Free-flowering greenhouse shrubs excellent for conservatory decoration and for bedding out of doors in the summer. Seeds sown indoors in Feb. or March produce flowers the same season. 5 ft. Tender perennial. | ¾ oz. | Pkt. |
| 20. <i>Choice Hybrids.</i> Mixed | 1.00 | .15 |
| 21. <i>Tennysonian.</i> Mixed | 1.00 | .10 |
| 25. ACACIA. <i>Dealbata.</i> Golden yellow. Tender perennial shrub with graceful branches and sweet scented flowers. 8 to 10 ft.... | Oz. | Pkt. |
| | | .15 |
| ACANTHUS. —Stately perennial plants with beautiful ornamental foliage; useful for decorative purposes. 3 ft. | | |
| 30. <i>Mollis.</i> Pure white..... | .50 | .10 |
| 31. <i>Latifolius.</i> Purple | .50 | .10 |
| 35. ACHILLEA <i>Ptarmica</i> (The Pearl). A very freeflowering hardy plant producing a wealth of pure white double flowers which are borne in clusters; blooms all summer. An excellent plant for rock work. ¾ oz. | 1.25 | .15 |
| 40. ACHIMENES. Mixed. Fine summer blooming tender greenhouse perennial; valuable for pots or hanging baskets, 1½ ft..... | | .25 |
| ACONITUM (Monk's Hood).—A hardy plant with curious hood-shaped flowers adapted for planting among shrubs and in shady situations. 3 ft. Hardy Perennial. | ¼ oz. | Pkt. |
| 45. <i>Napellus Blue</i> | .50 | .10 |
| 46. <i>Napellus Alba.</i> White..... | 1.00 | .10 |
| 47. <i>Napellus Mixed</i> | .25 | .10 |
| ACROCLINIUM. —The acrocliniums are perhaps the most valuable of the everlastings, bearing pretty rose-pink and white flowers which should be cut, before they become fully expanded, and dried for winter decorations. 1 ft. Hardy Annual. | Oz. | Pkt. |
| 50. <i>Album.</i> Pure white | .50 | .10 |
| 51. <i>Album, Fl. Pl.</i> Double white..... | .50 | .10 |
| 52. <i>Roseum.</i> Rose pink | .50 | .10 |
| 53. <i>Roseum, Fl. Pl.</i> Double rose pink..... | .50 | .10 |
| 54. <i>Mixed</i> | .30 | .05 |
| 60. ADENOPHORA <i>Lilifolia Potanini.</i> Beautiful hardy perennials with drooping bell-shaped flowers of a lovely light blue shade. 2 ft. | | .10 |
| 63. ADLUMIA <i>Cirrhusa</i> (Mountain Fringe). A hardy biennial climbing plant with foliage resembling the Maiden Hair Fern, and clusters of rosy lilac flowers; will blossom the first season from seeds. 15 ft..... | | .15 |
| ADONIS. —Attractive plants with showy flowers and feathery foliage. | | |
| 65. <i>Autumnalis.</i> Crimson, 1 ft..... | .50 | .10 |
| 67. <i>Vernalis.</i> Yellow, 1½ ft..... | 2.00 | .10 |
| 70. AETHIONEMA GRANDIFLORA. A spreading, bushy perennial with an abundance of rosy-lilac flowers. 1½ ft..... | | .25 |
| 72. AGATHEA COELESTIS (Blue Marguerite). Tender perennial with small daisy-like flowers. Very useful for pot culture. 2 ft..... | | .15 |



Ageratum Blue Perfection

AGERATUMS

In many respects this Half Hardy Annual is one of the most desirable summer flowering plants we have. It may be used alone for beds and borders, or planted in connection with geraniums, coleus, cannas, etc. The plants grow well almost anywhere. If the seed is started in a box in the house, or in a hot-bed in the beginning of April and transplanted to where they are intended to bloom about the end of May, an abundance of flowers will be produced until hard frost. Seed sown in August will produce plants for winter flowering.

| | Oz. | Pkt. |
|---|--------|--------|
| 75. <i>Ada Bowman.</i> Light blue; fine for beds or edgings, 9 inches..... | \$1.00 | \$0.10 |
| 76. <i>Blue Perfection.</i> Dark blue; fine for beds; very choice, 1½ ft..... | 1.00 | .10 |
| 78. <i>Dwarf Blue.</i> Deep blue, 9 inches..... | .60 | .10 |
| 79. <i>Dwarf White.</i> Clear white, 9 inches..... | .60 | .10 |
| 80. <i>Lasseauxi.</i> Rose; 1 ft..... | 1.00 | .10 |
| 73. <i>Little Blue Star.</i> A miniature compact plant with very small flowers; exceptionally good for edging or rockwork; 4 inches..... | | .25 |
| 81. <i>Little Dorrit.</i> Azure blue, 6 inches..... | .75 | .10 |
| 82. <i>Little Dorrit.</i> White, 6 inches..... | .75 | .10 |
| 86. <i>Nanum Luteum.</i> Pale yellow, 9 inches... | 1.25 | .10 |
| 88. <i>Dwarf Roseum.</i> Rose, 9 inches..... | 1.00 | .10 |
| 85. <i>Mexicanum.</i> Mixed; 1 ft..... | .60 | .05 |
| 100. AGROSTIS NEBULOSA. A feather-like grass suitable for bouquets. Hardy Annual, 1 ft. | ¼ oz. | .50 |
| ALONSOA. —Suitable for conservatory decoration and bedding out of doors during summer. Half-Hardy Annual. | | |
| 104. <i>Albiflora.</i> White, 1½ ft..... | .40 | .10 |
| 105. <i>Grandiflora.</i> Scarlet, 2 ft..... | .40 | .10 |
| ALSTROEMERIA. —Exceedingly attractive flowers resembling lilies borne on long slender stems; of great value as a cut flower. Half-Hardy Perennial. | | |
| 112. <i>Pulehella.</i> Yellow and red, 3 ft..... | | .15 |
| 113. <i>Mixed.</i> 3 ft..... | 1.50 | .15 |

AGROSTEMMA.—A free-flowering border plant with attractive flowers that are excellent for cutting. The annual varieties are very attractive when grown in groups.

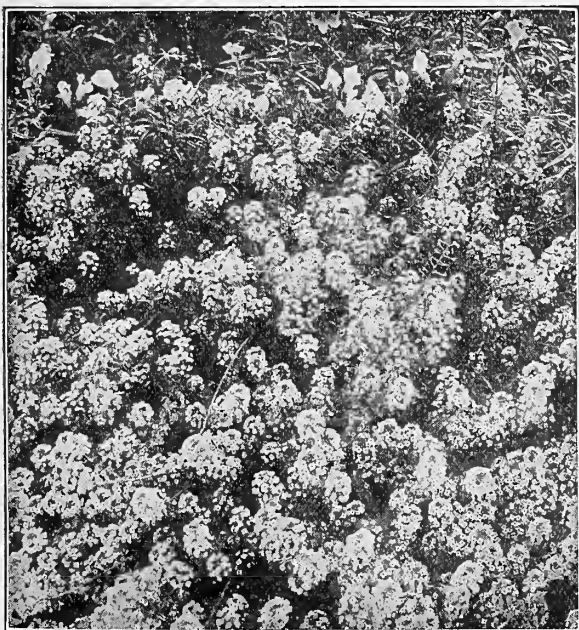
Annual Varieties

| | | |
|--|-----------|---------|
| 90. Coeli Rosa (Rose of Heaven). Rose color, 1 ft. | Oz. .30 | Pkt .10 |
| 91. Coeli Rosa Alba. Pure white, 1 ft. | .60 | .10 |
| Perennial Varieties | | |
| 92. Coronaria Alba. Pure white, 1½ ft. | .75 | .10 |
| 93. Coronaria Rosa (Rose Champion). Rose color, 1 ft. | .50 | .10 |
| 94. Flos Jovis (Joves Flower). Deep pink, 1 ft. | .75 | .10 |
| 95. Hybrida Walkeri. Bright pink, 1 ft. | ½ oz. .50 | .15 |
| 96. Mixed. 1½ ft. | .60 | .15 |

SWEET ALYSSUM

The Sweet Alyssum is a Hardy Annual so well known and such a general favorite that it is scarcely necessary to call special attention to it here. It is of the easiest culture both indoors and out, and is suitable alike for beds and edging in summer or for growing in pots and boxes for winter blooming. It will stand considerable cold in the open ground and may be sown early; it blooms throughout the entire season until destroyed by hard frost. For winter flowering sow the seed in August or September.

| | | |
|---|------|-----|
| 114. Lilac Queen. Distinet new variety of the annual Sweet Alyssum with pure lilac flowers. The plants are of dwarf, compact, upright growth and resemble when in full bloom a tiny Candytuft. Equally as useful for carpet-bedding or ribboning as the other white flowering dwarf varieties. | .15 | |
| 115. Maritimum. White, very fragrant, 9 inches ¼ lb. 1.50 | .50 | .05 |
| 116. Little Dorrit. Very compact, fine for borders, 6 inches. | 1.00 | .10 |
| 118. Little Gem. White, grand for edging, 6 inches 1.00 | 1.00 | .10 |
| 119. Procumbens (White Carpet). White, trailing habit, 6 inches. 1.00 | 1.00 | .10 |
| 120. Saxatile Compactum (Gold Dust). hP. A single plant in one year will produce hundreds of bright yellow flowers, 1 ft. | .75 | .10 |



Sweet Alyssum

AMARANTHUS.—Very striking plants on account of their beautiful variecolored foliage and peculiar mode of blossom. The leaves are always largest when plants are grown on rich soil, but rather poor soil enhances the coloring. The seed can be sown in the house, or in a hot-bed, and transplanted to the place where wanted for effect. Half-Hardy Annual.

| | | |
|--|---------|----------|
| 126. Bicolor Ruber. Red, 3 ft. | Oz. .60 | Pkt. .10 |
| 127. Caudatus (Love Lies Bleeding). Red, 3 ft. | .30 | .10 |
| 128. Cruentus (Prince's Feather). Crimson, 3 ft. | .30 | .10 |
| 129. Princess of Wales. Crimson and yellow, 2 ft. | 1.00 | .10 |
| 130. Salicifolius (Fountain Plant). Red, 2½ ft. | 1.00 | .10 |
| 132. Tricolor Splendens (Joseph's Coat). Scarlet and yellow, 3 ft. | 1.00 | .10 |
| 133. Finest Mixed ..... .50 | .50 | .05 |
| 140. AMBROSIA Mexicana. Sweet-scented hardy annual, fine for bouquets; yellow, 1 ft. | 1.00 | .10 |
| 142. AMMOBIUM Grandiflorum. A very pretty pure white everlasting annual. Gather the flowers before fully expanded to preserve for winter. 3 ft. | .30 | .10 |

AMPELOPSIS.

| | | |
|--|------|-----|
| 145. Quinquifolia (Common Woodbine, or Virginia Creeper). A vine of most vigorous growth. The foliage is glossy green in the summer, turning to intense crimson in the autumn ..... .30 | .30 | .10 |
| 146. Veitchii (Boston, or Japanese Ivy). Used generally (more especially in Boston) to cover walls, its fine shoots extending to the roofs of tall buildings. The vine can be made to grow on wood. In the fall the leaves assume the most gorgeous and varied tints. The young plants require some covering in winter the first year or two. .... .50 | .50 | .10 |
| ANCHUSA. —Ornamental hardy perennials with blue flowers resembling those of the Forget-me-not. 2 ft. | | |
| 150. Augustifolia. Blue 1.00 | 1.00 | .10 |
| 151. Barrelieri. Double blue. .... .10 | | .10 |
| 152. Capensis. Purple ..... .60 | .60 | .10 |
| 153. Italica Dropmore Var. This is a great improvement on the above varieties. We think this is one of the finest herbaceous plants grown. The flowers are of a most lovely shade of gentian blue; excellent for cutting ¼ oz. .75 | .75 | .15 |

ANEMONE (Wind Flower).—Hardy perennials blooming in the spring and autumn. The Japonica varieties produce a wealth of bloom from August until frost.

| | | |
|--|--|-----|
| 160. Coronaria. Mixed, 1 ft. | | .10 |
| 161. St. Brigid. Poppy-flowered, mixed, 1 ft. | | .10 |
| 162. Japonica (Queen Charlotte). Pink, 2 ft. | | .15 |
| 163. Japonica Rosea. Rose color, 2 ft. | | .10 |
| 164. Japonica Alba. Pure white, 2 ft. | | .20 |
| 166. Japonica Sylvestris (Snowdrop Wind Flower). Pure white, 1½ ft. | | .10 |

ANTHEMIS (Chamomile).—Splendid hardy perennials with bright yellow flowers, fine for cutting.

| | | |
|------------------------------------|-----|-----|
| 170. Arabica. Yellow, 1 ft. | .60 | .10 |
| 171. Tinctoria. Yellow, 2 ft. | .80 | .10 |

ANTHERICUM.—Beautiful white, fragrant, lily-like flowers; excellent for cutting.

| | | |
|--|--|-----|
| 175. Liliago (St. Bernard's Lily). White, 1½ ft. | | .10 |
| 176. Liliastrum (St. Bruno's Lily). White with green-spotted petals, 2½ ft. | | .10 |



Antirrhinum

ANTIRRHINUM

(Snapdragon)

These showy perennials can be treated as annuals by sowing the seed under glass during January or February. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm, but a well enriched soil. Seed sown outdoors in May will produce satisfactory results. If grown indoors they require about the same temperature and treatment as carnations. Most of the varieties are fairly hardy and will live through winter if well covered.

Three good Greenhouse varieties which we consider the best for use under glass:

- Nelrose. A beautiful shade of silvery pink.
- Phelps White. Very free-flowering pure white.
- Silver Pink. True silver pink.

Each variety 25c pkt., 3 pkts., 60c

| Tall Grandiflora Varieties. 2 Feet | | Oz. | Pkt. |
|--|------|-------|------|
| 177. Cloth of Gold, Breck's Special Strain..... | | | .15 |
| 178. Maximum (Purple King). Purple..... | | | .25 |
| 179. Cottage Maid. Handsome pale pink..... | 1.00 | | .10 |
| 180. Queen Victoria. Pure white..... | 1.00 | | .10 |
| 181. Crimson. Deep shade..... | 1.00 | | .10 |
| 182. Pink. Deep pink..... | 1.00 | | .10 |
| 183. Scarlet. Very brilliant..... | 1.00 | | .10 |
| 184. Yellow. A pure soft color..... | 1.00 | | .10 |
| 185. Striped. Odd markings..... | 1.00 | | .10 |
| 187. Mixed. Choice mixture..... | .80 | | .10 |
| Semi-Dwarf. 1½ Feet | | | |
| 189. Mont Blanc. Pure white, large..... | | | .15 |
| 190. Salmon Queen. (New) beautiful salmon rose | 2.00 | | .15 |
| 191. Queen of the North. Pure white..... | 1.25 | | .10 |
| 192. Golden Queen. Clear yellow..... | 1.25 | | .10 |
| 193. Black Prince. Nearly black..... | 1.25 | | .10 |
| 194. Coral Pink. Deep rose, white throat.... | 1.25 | | .10 |
| 195. Crimson King. Deep shade..... | 1.25 | | .10 |
| 196. Scarlet King. Very brilliant..... | 1.25 | | .10 |
| 198. Cottage Maid. Soft pink, white throat... | 2.00 | | .10 |
| 197. Mixed. Choice mixture..... | 1.00 | | .10 |
| Tom Thumb Varieties. 8 Inches | | ¼ oz. | Pkt. |
| 3700. Crimson | | .75 | .10 |
| 3705. Rose | | .75 | .10 |
| 3710. Pure White | | .75 | .10 |
| 3715. Sulphur Yellow | | .75 | .10 |
| 3720. Mixed | | .75 | .10 |

AQUILEGIA

(Columbine)

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in the house, in March will frequently produce bloom the same year. It is best, however, to sow seed out of doors when ground warms up. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

| | | ¼ oz. | Pkt. |
|---|------|-------|------|
| 200. Alba, Fl. Pl. Double white, 2 ft..... | | | .10 |
| 201. Breck's Long Spurred Hybrids, 3 ft. Choice mixed. This strain is the finest we can procure. The colors range through the most beautiful combinations of blue, bright rose, pink, mauve, white, yellow and orange. | | | .25 |
| 202. Californica Hybrida. Yellow and orange, 2 ft. | | | .20 |
| 203. Canadensis. Orange, 1 ft..... | .50 | | .10 |
| 205. Chrysantha. Yellow, 3 ft..... | .50 | | .10 |
| 206. Chrysantha, Fl. Pl. Double yellow, 3 ft. | 1.00 | | .20 |
| 207. Coerulea Hybrida. Blue and yellow, 3 ft. | 1.00 | | .25 |
| 208. Glandulosa Major. Blue and white, 3 ft. | .50 | | .10 |
| 209. Jaetschaui. Yellow and red, 2 ft..... | .75 | | .10 |
| 210. Olympica. Blue, 2 ft..... | .50 | | .10 |
| 211. Olympica, Fl. Pl. Blue and white, 2 ft.. | .50 | | .10 |
| 212. Skinneri. Scarlet and yellow, 1½ ft..... | | | .25 |
| 213. Stuarti. Blue and white, 1½ ft..... | | | .25 |
| 214. Single Mixed. Various colors...Oz. 2.00 | | | .10 |
| 215. Double Mixed. Various colors...Oz. 1.00 | | | .10 |
| 216. Veitch's New Single Hybrids. Choice mixture | | | .20 |
| 220. ARABIS Alpina (Rock Cress).—One of the showiest border or rock plants, producing masses of pure white fragrant flowers. Will grow well in rather shaded positions. Early-flowering hardy perennial. Height, 6 to 9 inches..... | | Oz. | Pkt. |
| | | .60 | .10 |
| ARCTOTIS.—These plants grow freely in any ordinary soil. Seeds should be started in a hot-bed early and transplanted to the open ground in May. | | ¼ oz. | Pkt. |
| 222. Breviscarpa. Orange, 1½ ft..... | 1.00 | | .25 |
| 223. Grandis. Pure white, light blue centre, 2 ft. | | .60 | .15 |
| 225. ARGEMONE Grandiflora (Prickly Poppy). Large glaucous foliage and poppy-like white flowers. Hardy annual. 2 ft..... | | .50 | .05 |
| ARISTOLOCHIA (Dutchman's Pipe).—One of the best climbing vines, with immense heart-shaped leaves of a deep rich green color, invaluable for covering walls and trellises. | | | |
| 227. Elegans. Half-hardy perennial..... | | | .10 |
| 228. Siphio. Hardy perennial..... | | | .15 |
| ARMERIA (Thrift or Sea Pink).—Fine for edgings or borders. The bright tufted flowers are produced all summer. Hardy perennial. | | | |
| 230. Formosa. Dark crimson, ½ ft..... | .75 | | .05 |
| 231. Maritima Splendens. Deep pink, 1 ft... .. | 2.00 | | .10 |
| 235. ARNEBIA Cornuta.—Free-flowering annuals with purple-spotted, yellow blossoms; fine for cutting. 1 ft..... | | | .10 |
| 237. ARUNDO Donax Fol. Variegata.—Tall-growing ornamental grass with graceful leaves, striped green and yellow. 15 ft..... | | | .10 |
| 240. ASCLEPIAS Tuberosa (Milk Weed).—An excellent border plant with flat clusters of brilliant orange flowers. Hardy perennial. 2½ ft. | | 2.50 | .10 |



Columbine, Long Spurred

ASPARAGUS.

245. Plumosus Nanus. Valuable for hanging baskets and table decorations on account of its graceful finely cut foliage. .100 seeds 1.00
246. Sprengeri. Valuable as a pot plant for conservatory decoration. Very useful for bouquets, wreaths or sprays. .100 .15

ASPERULA.—A trailing plant with leaves particularly good for bouquets. They are also very fragrant and, when dried, are used to scent clothes. 1 ft.

250. Azurea Setosa. Blue, annual. .1/4 oz. .20
251. Odorata (Woodruff). White, perennial. 1/4 oz. .25

AUBRIETIA.—Dwarf spring-flowering perennials. Valuable for planting in rock gardens and borders. Height 4 inches.

445. Bougainvillei. Purple .20
446. Leichtlinii. Rosy carmine .20
447. Deltoidea Grandiflora. Lavender. .15

630. **BALLOON VINE** (Cardiospermum halicacabum).—Climbing vine of rapid growth with white flowers and seed vessels which resemble miniature balloons. Light warm soil suits them best. Hardy annual. .25 .05

BALSAM

IMPATIENS BALSAMINA.—Magnificent summer and autumn flowering annuals. A rich sandy loam is most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way if given fair treatment.

449. Breck's Special Mixture. A magnificent strain, including a wide range of colors. .20 .25
450. Double White. 2 ft. 1.00 .10
451. Double Red. 2 ft. 1.00 .10
452. Camellia-Flowered, Alba Perfecta. 2 ft. 1.50 .10
453. Camellia-Flowered. Mixed, 2 ft. 1.50 .10
—Collection, 6 distinct colors. .50c

456. Rose-Flowered. Mixed, 2 ft. 1.00 .10
—Collection, 6 distinct colors. .50c
457. Dwarf Double. Mixed, 1 1/4 ft. .75 .10
458. Choice Mixture. 1 1/2 ft. .50 .10
465. **BAPTISIA AUSTRALIS.**—Blue. An excellent perennial for hardy borders; bright blue, pea-shaped flowers borne in spikes. 2 ft. .25 .10
467. **BARTONIA AUREA.**—A splendid annual succeeding best when grown in partial shade or in a moist situation. Flowers golden yellow. 2 ft. .50 .05
BEANS (Phaseoli Multiflori).—Well-known annual climbers with ornamental flowers and foliage, and long edible pods.
2385. Scarlet Runner .30 .05
2386. White Runner .30 .05
2387. Butterfly Runner. Pink and white. .10

BEGONIAS

Begonias are valuable for pots and bedding out; especially adapted for slightly shady places. Seed should be sown from January to March in brisk heat in shallow, well-drained seed pans, filled with a compost of leaf-mould, loam, and sand. Cover the seed pans with glass to prevent rapid evaporation at the outset. Prick off when very small, and pot when large enough into 3 inch pots, giving a shift into larger size when necessary.

Tuberous-Rooted Varieties

475. Breck's International Prize. Single, mixed, 1 1/2 ft. The seed is the produce of the finest and newest varieties selected for their large size and perfect form. The shades include orange, yellow, white, light pink, crimson, etc. .50
476. Breck's International Prize. Double, mixed. 1 1/2 ft. A superb strain, producing a very large percentage of double flowers. .50

Fibrous-Rooted Varieties

470. Erfordia Rubra. Deep red, 1 ft. .50
471. Erfordia Grandiflora Superba. Pink. .50
GRACILIS.—Splendid for groups and conservatory decoration; flowers all summer. 1 ft.
472. Pure White .25
473. Pink .25
486. Scarlet (Bonfire) .25
477. Rex Ornamental-Leaved. This handsome and highly decorative foliage variety is largely grown on account of the great diversity and beautiful combination of colors. 1 ft. .25

SEMPERFLORENS.—Very free-flowering with miniature foliage, most useful for borders or where dwarf bedding is desired and continues in bloom till late in the fall.

478. White. 1 ft. .20
479. Rose. Soft rose, 1 ft. .20
480. Vernon. Blood red, 6 inches. .25
495. **BIGNONIA RADICANS** (Trumpet Vine). Rapid-growing, hardy vine with dark green foliage and clusters of trumpet-shaped flowers, dark red with orange throats. 15 to 20 ft. .10

497. **BOCCONIA JAPONICA** (Plume Poppy).—White. An elegant, tall-growing perennial with broad glaucous foliage and white flowers. Good for planting among shrubs. 8 ft. .60 .10

499. **BOLTONIA LATISQUAMA.**—Lavender-lilac. An excellent autumn flowering perennial producing an abundance of flowers that resemble fall asters. 5 ft. .15
BRACHYCOME (Swan River Daisy).—Dwarf compact-growing annual with an abundance of daisy-like blue flowers. Fine for edging. 6 inches.
502. Iberidiflora (Little Blue Star) .20

BELLIS PERENNIS

DOUBLE ENGLISH DAISY.—The English Daisies are very popular spring-flowering, perennial plants; they are very often used for bedding with Pansies, Forget-me-nots, Silenes, etc. They grow about 4 inches high and have a flowering season from May until Sept. They are easily grown. Seed can be sown either in spring or in mid-summer. They require protection in a cold frame during winter.

| | | | |
|---|------|------|-----|
| 488. Breck's Giant Double White. Larger than Snowball; each plant has very few flowers but they are enormous in size..... | Oz. | Pkt. | |
| | | | .25 |
| 489. Breck's Giant Double Pink. Similar to above except in color..... | | | .25 |
| 490. Snowball. Pure white..... | 4.00 | | .20 |
| 491. Giant Red. Very rare..... | | | .20 |
| 492. Longfellow. Pink..... | 4.00 | | .20 |
| 493. Double. Mixed..... | 3.00 | | .10 |

BRIZA.—The well-known Quaking Grass; cultivated as a garden ornament. 2 ft.

| | | | |
|---|-----|--|-----|
| 505. Gracilis..... | .30 | | .05 |
| 506. Maxima..... | .30 | | .05 |
| 508. BROOM ("White Gem.")—Pure white flowers borne on long upright stems; excellent for winter flowering and decorative purposes..... | | | .10 |

BROWALLIA.—Beautiful free-flowering annuals, extensively grown as pot-plants for winter flowering. 1½ ft.

| | | | |
|--|------|--|-----|
| 514. Speciosa Major. Bright blue, 1½ ft..... | | | .25 |
| 515. Elata. Dark blue, 1½ ft..... | 1.00 | | .10 |
| 516. Alba. White, 1½ ft..... | 1.00 | | .10 |
| 517. Purpurea. Purple, 1½ ft..... | 1.50 | | .10 |
| 518. Mixed..... | 1.25 | | .10 |

| | | | | |
|---|-------|------|-----|-----|
| 520. BUPHTHALMUM SALICIFOLIUM (Ox-Eye Daisy).—A showy perennial for the hardy border; large, single, yellow flowers with brown centres..... | ¼ oz. | Pkt. | .40 | .10 |
|---|-------|------|-----|-----|

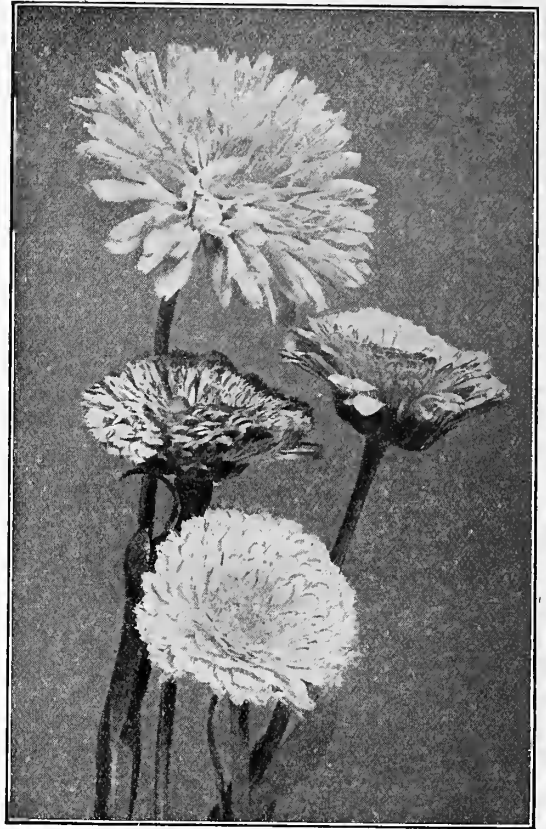
CALANDRINIA.—Very pretty annuals that bloom best when grown in sunny situations; seeds should be started in heat in March and transplanted to the open border in May.

| | | | |
|--------------------------------------|------|--|-----|
| 535. Grandiflora. Rose, 1 ft..... | 1.00 | | .10 |
| 536. Speciosa Alba. White, ½ ft..... | .50 | | .10 |
| 537. Umbellata. Crimson, ½ ft..... | 2.00 | | .10 |

CALCEOLARIA

Sow in pans or shallow boxes filled with light soil in the greenhouse in a temperature of 56 to 60 degrees. Cover seed about 1/32 inch with fine sifted soil and press firmly with a board. Water with a fine spray when necessary, never allowing the soil to become dry. When large enough transplant to small pots.

| | | | |
|--|--|--|-----|
| 550. Breck's Scotch Prize. Mixed. Grown for us by a specialist, and is a great improvement in these gorgeous plants. Flowers are beautifully blotched and striped in exceedingly rich colors of yellow, maroon, crimson, white, etc..... | | | .50 |
| 551. James' Giant. Mixed..... | | | .50 |
| 552. Large-Flowered Selfs. Mixed..... | | | .50 |
| 553. Giant Spotted. Mixed..... | | | .50 |
| 554. Dwarf Large-Flowered. Mixed..... | | | .50 |
| 555. Rugosa. (Shrubby) for bedding. Mixed..... | | | .25 |



Calendula (Pot Marigold)

CALENDULA

(Pot Marigold)

"The Marigold of Shakespeare's time." One of the most popular and easily grown hardy annuals. The plants are free-flowering and do well in almost any situation, although they prefer a warm, loose soil. They bloom the whole season. It is usual to sow the seeds where the plants are intended to stand, but they will bear transplanting. Calendula make good pot plants and flower freely during the winter.

| | | | |
|--|-----|--|-----|
| 559. Lemon Queen. (Special Strain). Large beautiful flowers..... | .50 | | .10 |
| 561. Meteor. Creamy centre edged with orange, 1 ft..... | .25 | | .05 |
| 563. PRINCE OF ORANGE. Orange, selected strain, 1 ft..... | .50 | | .10 |
| 564. Pluvialis (Cape Marigold). White, 1 ft..... | .25 | | .10 |
| 566. Sulphurea, Fl. Pl. Pale yellow, 1 ft..... | .30 | | .10 |
| 568. Double, mixed..... | .25 | | .05 |

CALLIRHOE (Mallow).—Trailing plants with saucer-shaped flowers; useful for borders and rock work. 1 ft.

| | | | |
|---|------|--|-----|
| 570. Involucrata. Crimson..... | 1.00 | | .10 |
| 571. Pedata Nana Compacta. Deep rose..... | .75 | | .10 |

CACALIA (Tassel Flower).—Hardy annual with showy trusses of tassel-like flowers; blooms profusely from July to October.

| | | | |
|-----------------------------|-----|--|-----|
| 530. Aurea. Yellow..... | .20 | | .10 |
| 531. Coccinea. Scarlet..... | .20 | | .10 |



Candytuft, Breck's Giant White

CANDYTUFT

(Iberis)

Very showy, branching annual plants that produce flowers which embrace nearly all shades of red, purple and white. A succession of sowings lengthens the season of bloom. Seed sown outdoors in spring will produce flowers from July until September. Is very effective for beds, borders, etc., and useful for pot culture during winter. Grown extensively by florists for cutting.

| | | |
|---|----------|----------|
| 605. Breck's White Giant. The best large-flowered white variety. It produces giant spikes of pure white flowers. Excellent for greenhouse culture; for outdoor bedding it is unexcelled | Oz. 1.00 | Pkt. .10 |
| 606. Breck's Improved White Spiral. White, 1½ ft. | .80 | .10 |
| 608. Dunnett's Crimson. 1 ft..... | .50 | .10 |
| 609. Empress. White, 1 ft..... | .60 | .10 |
| 611. Little Prince. A dwarf Empress. White, ¾ ft. | .50 | .05 |
| 613. Rocket. White, 1 ft. | .25 | .05 |
| 614. Rose Cardinal. Rose, 1 ft..... | 1.00 | .10 |
| 615. Queen of Italy. Pink, 1 ft..... | 1.00 | .10 |
| 616. Purple | .25 | .05 |
| 617. Breck's Improved. Mixed, 1 ft..... | .40 | .05 |
| 618. Dwarf Hybrid. Mixed, ¾ ft..... | 2.00 | .15 |

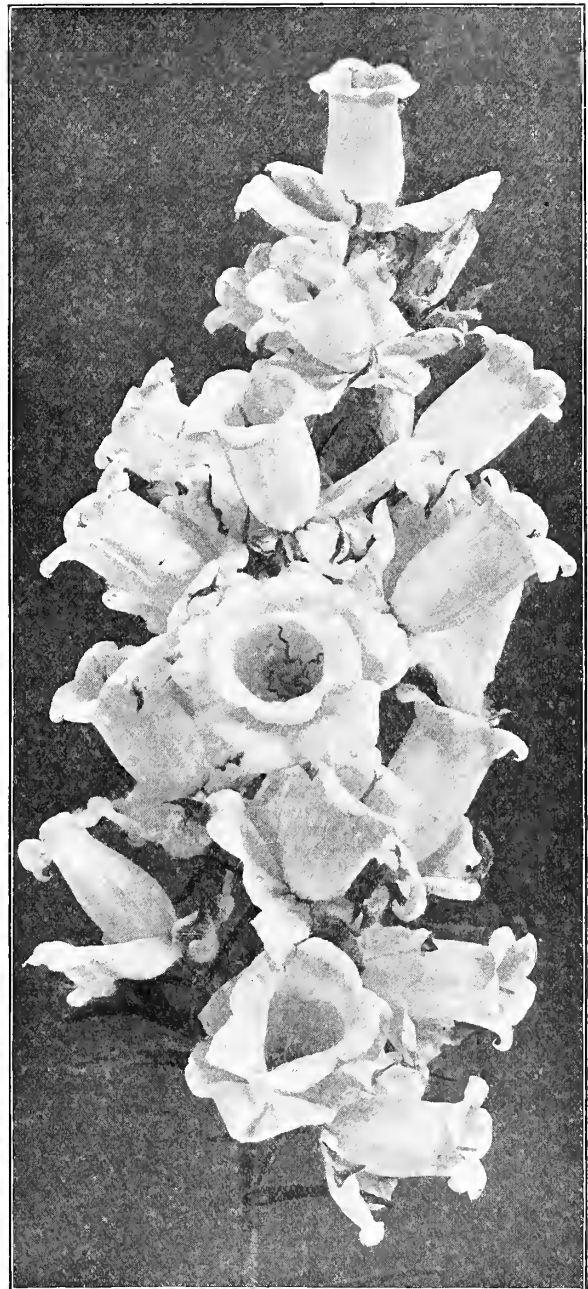
Perennial Varieties

Dwarf, compact-growing perennials having dark green, glossy foliage and clusters of flowers that completely cover the plant.

| | | |
|---|------|-----|
| 1545. Gibraltarica. Pink | 3.00 | .10 |
| 1546. Jucunda. Crimson | | .25 |
| 1547. Sempervirens (Evergreen Candytuft). White | 3.00 | .10 |

CANNA (Indian Shot).—Rapid-growing bedding plants with luxuriant foliage and brilliant flowers. Soak the seed in warm water until they become swollen then sow in light sandy soil about ½ inch deep, and place in a hot-bed

| | | |
|---|------|-----|
| 625. Dark-Leaved Varieties. Mixed, 4 ft..... | .50 | .10 |
| 626. Green-Leaved Varieties. Mixed, 4 ft..... | 1.00 | .10 |
| 627. Variegata. Mixed, 4 ft..... | 1.00 | .10 |
| 628. Crozy's Large-Flowered. Mixed, 4 ft.... | .40 | .10 |



Campanula Calycanthea

CAMPANULA

Very well-known, useful and attractive annuals, biennials and perennials. The annual varieties should be sown in April or May, the biennials in May or June, and the perennials in June and July.

Biennial Varieties

CALYCANTHEMA (the popular cup and saucer Canterbury Bell).—It is without doubt the finest type of this old-fashioned and beautiful garden plant. The calix, which is extra large and of the same color as the trumpet, enhances the beauty of the flower and gives it the appearance of a cup and saucer. When grown in pots for conservatory decoration the plants are very effective; they transplant well. 2½ ft.

| | | |
|----------------------|--------|-------------------|
| 579. Mauve | Oz. . | ¼ oz. Pkt. \$0.15 |
| 580. Dark Blue | \$3.00 | \$0.80 .15 |

| | Oz. | ¼ oz. | Pkt. |
|--|------|-------|------|
| 581. Rose | 3.00 | .80 | .15 |
| 582. White | 3.00 | .80 | .15 |
| 583. Mixed | 2.00 | .60 | .10 |
| Medium (Single Canterbury Bells).—This is the old-fashioned variety with large bell-shaped blossoms. 2½ ft. | | | |
| 584. Mauve | .75 | .25 | .10 |
| 585. Blue | .75 | .25 | .10 |
| 586. Rose | .75 | .25 | .10 |
| 587. White | .75 | .25 | .10 |
| 588. Mixed | .75 | .25 | .05 |
| Medium (Double Canterbury Bells).—2½ ft. | | | |
| 590. Mixed | 1.75 | .50 | .10 |
| 591. Blue | 2.00 | .60 | .10 |
| 592. Rose | 2.00 | .60 | .10 |
| 593. White | 2.00 | .60 | .10 |

Perennial Varieties

| | | |
|--|------|-----|
| 594. Carpatica Blue (Carpathian Hare Bell). Free-flowering with erect, clear blue flowers. Very useful for edging; it blooms all summer. 6 inches..... | .25 | .10 |
| 595. Carpatica Alba . White form of the preceding | .25 | .10 |
| 596. Persicifolia Grandiflora Blue . One of the finest of the hardy bell-flowers, 2½ ft..... | 1.00 | .15 |
| 597. Persicifolia Alba . Extra long spikes of pure white flowers, 2½ ft..... | 1.00 | .15 |
| 604. Persicifolia Gigantea Moerheimi . A beautiful variety with large, double, pure white flowers, 2 ft..... | .25 | |
| 598. Pyramidalis Compacta Alba (The Chimney Bellflower). Very nice as a border plant. As a decorative plant for conservatories or corridors this variety is invaluable, 3 ft..... | .10 | |
| 599. Pyramidalis Compacta Blue . Blue form of the preceding..... | .10 | |
| 603. Rotundifolia (Blue Bells of Scotland). Pale blue; of slender, graceful habit..... | .15 | |

Annual Varieties

The annual Campanulas are very free-blooming, of compact growth, and suitable for edging. 6 inches.

| | Oz. | Pkt. |
|--|------|------|
| 600 Speculum (Venus' Looking Glass). Mixed colors | .50 | .05 |
| 601. Attica Blue | .10 | |
| 602. Attica Alba | .10 | |
| 710. CENTRANTHUS .—Mixed, 1½ ft. A free-flowering, bushy annual with clusters of long tube-like flowers that grow freely in any soil..... | .40 | .05 |
| 715. CEPHALARIA ALPINA .—A handsome border perennial with sulphur-yellow flowers, 3 to 4 ft..... | .75 | .05 |
| 720. CERASTIUM TOMENTOSUM (Snow in Summer).—An herbaceous perennial with silvery foliage and small white flowers; valuable for carpet-bedding, edgings and rock work, 4 inches..... | .15 | |
| CHELONE .—A good border plant with brilliant Pentstemon-like flowers and grassy foliage. Hardy perennial. 2 ft. | | |
| 730. Barbata Torreyi . Scarlet..... | 1.50 | .10 |
| 731. Hybrida . Mixed | 1.00 | .10 |
| CHLORIS .—A pretty grass with silky flowers, good for bouquets and very effective in borders. Hardy annual. 1 to 1½ ft. | | |
| 735. Barbata | .75 | .05 |
| 736. Elegans | .75 | .05 |



Celosia Cristata Nana

CELOSIA

(Cockscomb)

The Cristata sorts have become very popular for bedding; their beautifully formed, highly colored flowers are very attractive and effective. The Plumosa class is splendid in both foliage and flower, very suitable for vases, borders, etc. The "Ostrich Feather" produces large plumes, beautifully curved and curled. Seeds should be sown in a hot-bed in March or April and transplanted to pots when large enough to secure early flowers.

CELOSIA CRISTATA NANA. Height, 9 inches

| | ¼ oz. | Pkt. |
|---|--------|--------|
| 636. Chamois . Fawn | \$0.75 | \$0.15 |
| 637. Copper-Color . Bronze | .75 | .15 |
| 638. Dark Crimson | .75 | .15 |
| 639. Empress . Crimson | .75 | .15 |
| 640. Glasgow Prize . Crimson | 1.25 | .15 |
| 641. Golden Yellow | .75 | .15 |
| 642. Queen of Dwarfs . Rose | .75 | .15 |
| 643. Scarlet | 1.00 | .15 |
| 644. Violet | .75 | .15 |
| 646. Mixed | .50 | .10 |
| Collection, 12 dwarf sorts, \$1.00. | | |

CELOSIA PLUMOSA (Thompsoni Magnifica)

| | ¼ oz. | Pkt. |
|---|-------|------|
| 649. Breck's Yellow Plume . Deep golden yellow, 2 ft. | .25 | |
| 650. Breck's Crimson Plume . Bright crimson | .25 | |
| 652. Golden Yellow . 2 ft. | .60 | .10 |
| 653. Thompsoni Magnifica . Crimson, 2 ft..... | .60 | .10 |
| 654. Breck's Choice Mixed | .25 | |
| 655. Ostrich Feather . Crimson, 3 ft. | .40 | .10 |
| 656. Ostrich Feather . Orange, 3 ft..... | .40 | .10 |
| 657. Ostrich Feather . Mixed | .40 | .10 |



Centaurea

CENTAUREA

C. Cyanus is the favorite Bachelor's Button, or Ragged Sailor. This class is of the easiest culture and produces an abundance of bright colored and beautifully formed flowers throughout a very long season. The strain of seed we offer embraces everything desired in color and form. Sow seed early outdoors and thin out the plants to 6 or 8 inches apart, or in boxes in the house, and transplant when large enough.

CYANUS (Bachelor's Buttons).

Hardy annual, 1 ft. ¼ lb. Oz. Pkt.

Single Varieties

| | | | |
|-------------------------------------|------|-----|-----|
| 666. Single. Blue | 1.00 | .30 | .05 |
| 669. Pink | 1.00 | .30 | .05 |
| 670. Victoria. Blue miniature | | .60 | .10 |
| 672. Purple | | .30 | .05 |
| 673. White | | .30 | .05 |
| 674. Single. Mixed | | .30 | .05 |

Double Varieties

| | | | |
|-------------------------------|------|-------|------|
| | Oz. | ¼ oz. | Pkt. |
| 665. Brecks Double Blue | 1.50 | .50 | .10 |
| 663. Rose Pink | 1.25 | .40 | .10 |
| 664. White | 1.25 | .40 | .10 |
| 675. Choice Mixed | .60 | .20 | .10 |

IMPERIALIS (Giant Sweet Sultan).—This variety represents the best that has been produced in these beautiful summer flowering plants. The flowers will keep in water for over a week if cut just when about to open. They are forced under glass quite extensively by florists.

| | | |
|---|-----|-----|
| 685. Alba. White, 3 ft., hA..... | .50 | .15 |
| 686. Armida. Lilac, 3 ft., hA..... | .50 | .15 |
| 687. Favorita. Rose, 3 ft., hA..... | .50 | .15 |
| 688. Purpurea. Purple rose, 3 ft., hA..... | .50 | .15 |
| 689. Splendens. Dark purple, 3 ft., hA..... | .50 | .15 |
| 690. Mixed. 3 ft., hA..... | .50 | .15 |

CENTAUREA (Continued)

| | | |
|---|-------------------|------|
| MOSCHATUS (Sweet Sultan). | Oz. | Pkt. |
| 691. Rosea. A new variety of annual Sweet Sultan which grows about 3 ft. high; the color of the flower in opening is a delicate rosy-white changing to tender rose-pink later. The plants are of the same size and form as the white and purple varieties. This is a splendid variety for cutting purposes.. | 2.00 | .15 |
| 695. Choice Mixed | .60 | .05 |
| 696. Suaveolens. Yellow | 1.00 | .10 |
| 697. Blue | 1.00 | .10 |
| 698. White | 1.00 | .10 |
| 680. Americana. Flowers rosy-lilac often measuring 4 inches across, 3 ft..... | ¼ oz. Pkt. .50 | .10 |
| 681. Americana Alba. Pure white..... | | .25 |
| 701. Margaret. Flowers pure white, 2½ inches across | Oz. Pkt. 1.25 | .10 |

Half-Hardy Perennials

These varieties are widely used for carpet-bedding and edging and thrive almost anywhere. A little care is necessary in watering young seedlings.

| | | |
|--|------------|-----|
| 704. Candidissima (Dusty Miller). Broad, silvery foliage, 1 ft..... | ½ oz. 1.00 | .20 |
| 706. Gymnoearpa. Narrow silvery foliage, 1 ft. | 1.00 | .10 |

Perennial Varieties

| | | |
|---|-------|------|
| | ¼ oz. | Pkt. |
| 702. Montana Blue. Large blossoms of deep blue | .60 | .15 |
| 708. Montana Alba. Pure white..... | 1.50 | .15 |
| 703. Babylonica. Yellow | .25 | .10 |

CARNATIONS

Half-Hardy Perennials. Marguerite, Breck's Selected Strain.—The earliest of all Carnations. If sown in early spring they will bloom in July or August and continue until frost. Being half-hardy, a slight protection of coarse straw or pine boughs during the winter will preserve them, and they will flower abundantly the next summer. 1 ft.

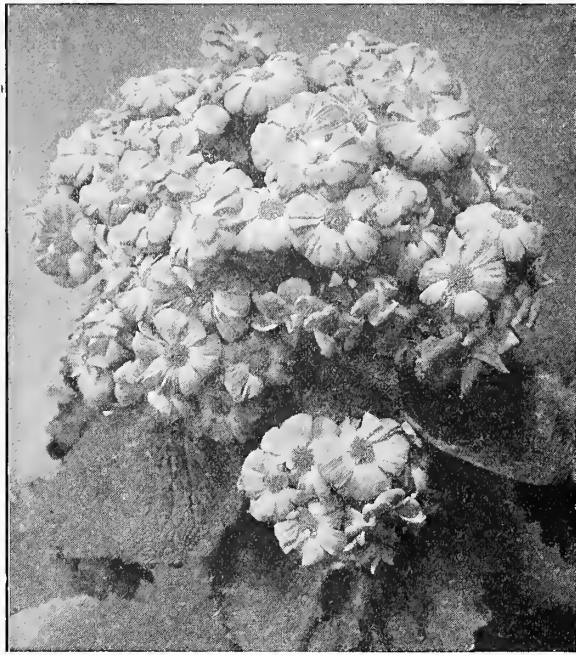
| | | |
|---|------|-----|
| 1044. Marguerite. Scarlet | 1.00 | .10 |
| 1045. Marguerite. Rose | 1.00 | .10 |
| 1046. Marguerite. White | 1.00 | .10 |
| 1047. Marguerite. Violet | 1.00 | .10 |
| 1051. Marguerite. Yellow | 1.50 | .15 |
| 1048. Marguerite. Mixed | .75 | .10 |
| 1049. Marguerite, Malmaison. A greatly improved strain from an unexcelled collection and producing extra large flowers. 1 ft.... | | .25 |
| 1050. Marguerite, Giant Mixed. 1½ ft..... | 1.00 | .15 |
| 1052. Giants of Nice. We have an exceedingly fine strain of this variety which is a strong robust grower. Very large flowers of many nice colors. 1½ ft..... | | .50 |
| 1053. Chaubaud Perpetual. Very free-flowering with a wide range of colors. 1½ ft.... | | .25 |
| 1054. Dwarf Perpetual. Choice mixed, 1 ft.. | | .10 |
| 1079. Scoticus, Fl. Pl. Scotch pink..... | | .25 |

(For Hardy Varieties, see Dianthus)

CLEMATIS

Beautiful climbing vines with glossy green leaves and star-shaped flowers which completely cover the vines. Good for covering walls and trellises. Hardy perennial. 15 ft.

| | |
|--|-----|
| 805. Flammula (Virgin's Bower). White.... | .10 |
| 806. Paniculata. White | .10 |
| 807. Large-Flowering Hybrids. Mixed..... | .20 |



Cineraria

CINERARIA

To produce good plants for decorative purposes sow in May or June. These magnificent plants are indispensable for spring decoration in the conservatory or window garden.

- 785. Breck's Columbia Mixed. Seed is saved for us by one of the foremost growers in England from prize varieties and contains a magnificent range of colors..... .50
- 787. James Prize. Choice varieties mixed... .50
- 789. Stellata (Star Cineraria). Mixed. A splendid plant for conservatory decoration during the winter and spring. The immense heads of flowers are borne on long stalks, the individual blooms are star-shaped..... .25

Foliage Varieties

Suitable for ribbon beds and edging. Half-hardy perennial.

- 791. Maritima (Dusty Miller). Silvery green foliage, 1 ft..... .40 .05
- 792. Candidissima. Silver foliage, 1 ft..... .40 .05

CLARKIA.—Sow the seed in the open border in April. They are of easy cultivation; very pretty and free-flowering, the double varieties being especially beautiful. Good for cutting. Hardy annual, 1½ ft.

- 803. Queen Mary. This is a lovely Rose Carmine flower, double, free flowering, the brightest color of any Clarkia yet produced and very much admired at the recent International Horticultural Exhibition in England. Annual15
- 804. Orange King. Color very bright orange, even brighter than Vesuvius, introduced a few years ago; flowers are very double, plant grows to a height of about 2 ft. Will make useful plants for pot culture, for conservatory work or for open ground. Annual15
- 795. Elegans Alba. Pure white..... .50 .10
- 796. —Rosea. Dwarf rose..... .50 .10
- 797. —(Purple King). Double purple..... .60 .10
- 798. —(Salmon Queen). Salmon-pink..... .50 .10
- 799. —Mixed. All sorts..... .30 .10
- 802. Elegans (Vesuvius). Double scarlet.... 1.25 .15
- 810. CLEOME PUNGENS (Spider Plant).—A pretty plant with curious heads of pink flowers. Hardy annual. 2 ft..... 1.50 .10

CHRYSANTHEMUMS

Annual Varieties

All the summer flowering chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. Sow seed where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a cold frame, and transplanting when large enough.

| | Single | Oz. | Pkt. |
|---|--------|-----|------|
| 754. Tricolor (Evening Star). Golden yellow | | .60 | .10 |
| 757. —(Eclipse). Brown, yellow..... | | .50 | .10 |
| 758. —(Burridgeanum). White and red.... | | .50 | .10 |
| 759. —Purple crown | | .50 | .10 |
| 760. —Searlet | | .40 | .10 |
| 761. —White | | .40 | .10 |
| 762. —Yellow | | .40 | .10 |
| 764. —Choice mixed | | .30 | .05 |

Double

| | | |
|---|------|-----|
| 742. Coronarium. Crimson | .40 | .05 |
| 745. —Album. White | .40 | .05 |
| 747. —Sulphurea. Primrose | .40 | .05 |
| 749. —Choice mixed | .40 | .05 |
| 755. Tricolor. Golden-leaved | 1.00 | .10 |
| 756. —Dunnett's. Golden yellow..... | 1.00 | .10 |
| 763. —Finest mixed | 1.00 | .10 |
| 765. —Fringed Hybrids. Mixed | .30 | .15 |
| 767. Inodorum (Bridal Robe). Pure double white flowers carried well above the dark green foliage; very useful for floral work of all kinds..... | | .10 |

Half-Hardy Perennial Varieties

| | | |
|---|--|-----|
| 768. Frutescens (White Paris Daisy). An excellent plant for the greenhouse or summer bedding outdoors. 1½ ft..... | | .10 |
| 769. Comtesse de Chambord (Yellow Paris Daisy). 1½ ft..... | | .10 |
| 776. Chinese Mixed. An extra fine variety for greenhouse or autumn flowering. 3 ft. | | .20 |
| 777. Chinese and Pompon Mixed. Very free-flowering with small flowers; very desirable. 2½ ft. | | .20 |
| 778. Japanese Mixed. Extra large double flowers with long twisted petals..... | | .20 |
| 780. Chinese and Japanese Mixed..... | | .20 |

Hardy Perennial Varieties

| | | | |
|--|-------|-----|-----|
| 771. Maximum Perfection. (Select stock). Large white flowers; a handsome cut flower. 3 ft. | ¼ oz. | .50 | .10 |
| 772. King Edward VII. The most beautiful of the Maximum varieties; flowers large, pure white and very perfect. 3 ft..... | | .75 | .15 |
| 773. Shasta Daisy. Large white flowers..... | | | .10 |
| 782. Leucanthemum Secundum. White..... | | | .25 |

CHRYSURUS AUREUS

| | | | |
|---|-----|--|-----|
| 743. Hardy Annual. Yellow, 1 ft. A desirable grass of free growth with golden spikes, useful for cutting..... | Oz. | | .05 |
|---|-----|--|-----|

CLINTONIA PULCHELLA

| | | | |
|---|--|--|-----|
| 820. Hardy Annual. Blue and white, ¾ ft. A lobelia-like plant, charming for edging or rock-work | | | .10 |
|---|--|--|-----|

COREOPSIS

(Calliopsis)

A species of very showy annual and perennial plants that are invaluable for garden decoration and cutting. They enhance the color of the garden by the wealth of bright yellow flowers, which is strengthened in some sorts by disks of rich crimson, maroon and various shades of brown. The perennials are all hardy border plants and well worthy a place in every garden. The flowers last well when cut.

884. **FIRE KING.**—The flowers are of a deep bright scarlet. Very free flowering, the plant being a mass of blooms. As many as 700 blooms have been counted on one plant, 18 in. high..... .15

Annual Varieties

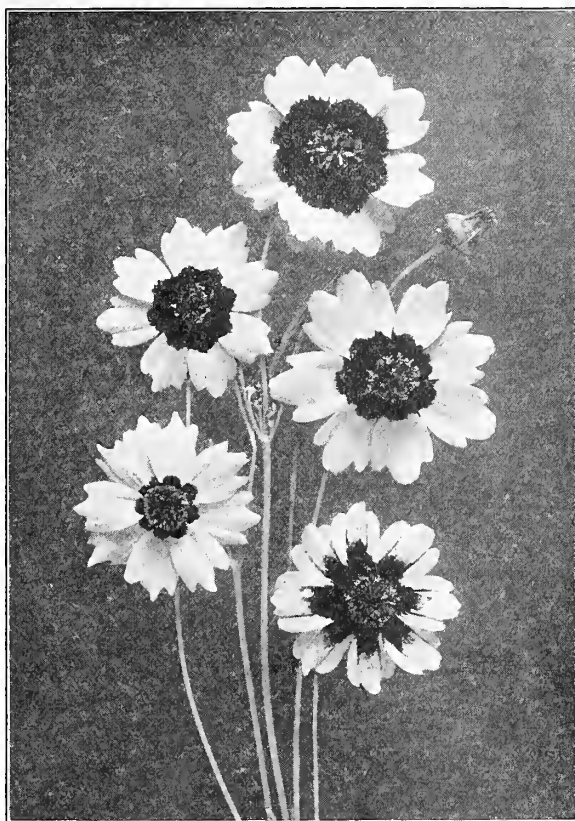
885. **Radiata (Tiger Star).** Yellow and brown, ¾ ft..... 1.50 .10
 886. **Radiata (Dark Brown).** Brown, ¾ ft... 1.00 .10
 890. **Atrosanguinea.** hA, crimson, 2 ft..... .35 .05
 891. **California Sunbeams.** Shades of yellow, 2 ft..... 1.50 .10
 892. **Bicolor Marmorata.** Yellow and brown, 2 ft..... .40 .10
 893. **Bicolor Nana.** Mixed, 1 ft..... .60 .10
 894. **Tinetora.** Yellow and brown, 2 ft..... .50 .10
 895. **Coronata.** Yellow, 1½ ft..... .40 .10
 896. **Drummondii.** Yellow and brown..... .50 .10
 897. **Double Hybrids.** Var. colors, 1½ ft.... .40 .05
 898. **Tom Thumb Crimson King.** ½ ft..... 1.50 .10
 899. **Mixed.** 1½ ft..... .30 .05

Perennial Varieties

900. **Grandiflora.** This is one of the best of hardy plants; the large, bright, showy yellow flowers are produced in abundance from June till frost. Easily grown from seed, and if sown early will flower the same year. 2 ft..... .75 .10
 901. **Lanceolata.** Yellow, 2 ft..... 1.50 .10
 902. **Perennials.** Mixed, various colors, 2 ft. .50 .05



Calliopsis, Fire King



Coreopsis (Calliopsis)

COSMOS

(Cosmea)

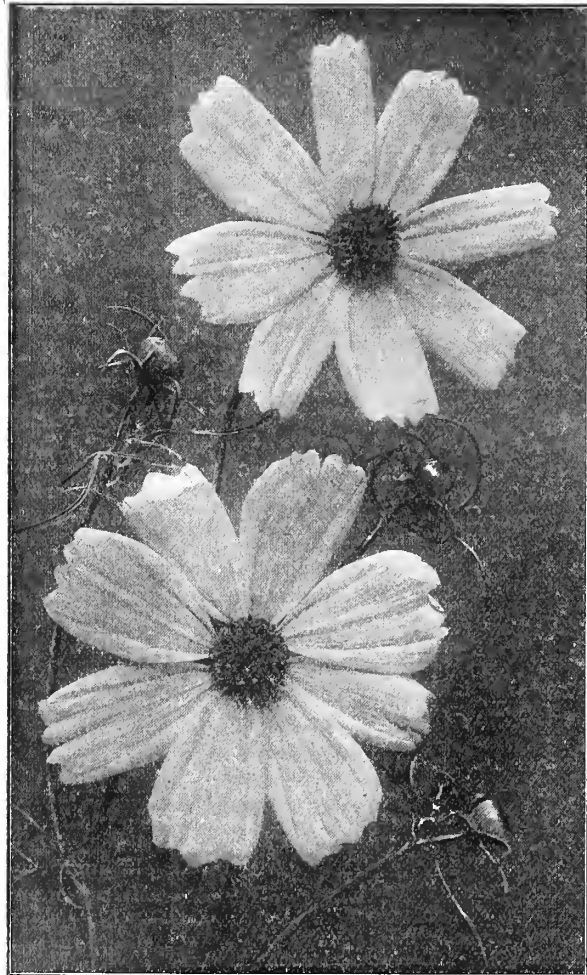
We especially recommend Breck's Massachusetts grown Cosmos as the most desirable and most satisfactory for growing in New England. Under ordinary cultivation they will begin to bloom in July and continue up to frost. The flowers are of good size and delicate shades. Sow seeds of Breck's Early Flowering varieties in open ground, in light warm soil, early in May and cover not more than half an inch deep. The seed germinates in about ten days. The Cosmos must have the full sunshine for successful growing. High-grade fertilizer, rich in potash, such as Breck's Lawn and Garden Dressing, gives best results. Seeds of the later varieties should be sown early in March in a hotbed or box in the house. When plants are 2 inches high transplant into 2-inch pots, when well established repot into 4-inch pots. Transplant to open ground in June.

BRECK'S NEW EARLY GIANT.—This wonderful New Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. The foliage is the same as the Late Flowering. Seeds should be sown in house or hotbed but can also be sown outdoors early in May. ¼ oz. Pkt.

863. **Breck's Giant Crimson** 1.00 .15
 864. **Breck's Giant Pink** 1.00 .15
 865. **Breck's Giant White** 1.00 .15
 866. **Breck's Giant Mixed** 1.00 .15

COSMOS (Continued)

| | | |
|---|------|------|
| LADY LENOX. | Oz. | Pkt. |
| 868. Pure White. Enormous flowers..... | 1.00 | .10 |
| 870. Beautiful Shell Pink. Flowers of enormous size; very desirable for decoration... | 1.00 | .10 |
| BRECK'S EARLY BLOOMING. | | |
| 871. Crimson. 3 ft..... | 1.00 | .10 |
| 872. Pink. 3 ft..... | 1.00 | .10 |
| 873. White. 3 ft..... | 1.00 | .10 |
| 874. Mixed. Beautiful shades, 3 ft..... | 1.00 | .10 |
| MAMMOTH. | | |
| 875. Pink. 5 ft..... | .50 | .10 |
| 876. Red. 5 ft..... | .50 | .10 |
| 877. White. 5 ft..... | .50 | .10 |
| 878. Mixed. 5 ft..... | .50 | .10 |
| 879. KLONDYKE.—Yellow. hA, 4 ft:..... | 1.50 | .10 |



Breck's Early Flowering Cosmos

| | | |
|--|------|-----|
| 825. CLITORIA COELESTIS (Blue Pea). Tender biennial, ¾ ft. A handsome greenhouse climber of easy culture..... | .80 | .10 |
| 835. COCCINEA INDICA.—Tender annual. White, 6 ft. Climbing shrub with large white flowers and fruit of a red color when ripe | 1.50 | .10 |
| CUPHEA (Cigar Plants).—Half-hardy perennials. Free-flowering plants with small tubular blossoms. 1 ft. | | |
| 945. Miniata. Crimson | 1.50 | .10 |
| 946. Compacta. Mixed | 1.50 | .10 |

CYCLAMEN

(Giganteum)

The seed of these varieties has been carefully selected for us by one of the leading growers in England, and will produce immense flowers of the finest substance and the most charming shades. Sow any time during the summer, but preferably in July or August. The seedlings should be grown to the flowering stage without any check whatever.

| | | |
|--|-----|------|
| 950. Breck's Imperial Mixed. Contains all the brilliant colors | .50 | Pkt. |
| 951. Blood Red. Dark red..... | .50 | |
| 952. Brilliant. Dark pink..... | .50 | |
| 953. Crimson King. Crimson..... | .50 | |
| 954. Duke of Fife. Dark rose..... | .50 | |
| 955. Mont Blanc. Pure white..... | .50 | |
| 956. Princess May. Pink..... | .50 | |
| 957. Prince of Wales. Red..... | .50 | |
| 958. Rosy Morn. Rose..... | .50 | |
| 959. Salmon Queen. Salmon pink..... | .50 | |
| 960. Sunray. Pink and claret..... | .50 | |
| 961. Excelsior. White with purple base..... | .50 | |
| 965. Giant Fringed. Mixed..... | .50 | |

CYPERUS ALTERNIFOLIUS

(Umbrella Plant)

| | |
|---|-----|
| 970. A greenhouse plant. The leaves, which are borne on long stems at the top, spread in the form of an umbrella..... | .10 |
|---|-----|

Ravine House, Randolph, N. H.,
Sept. 28, 1916.

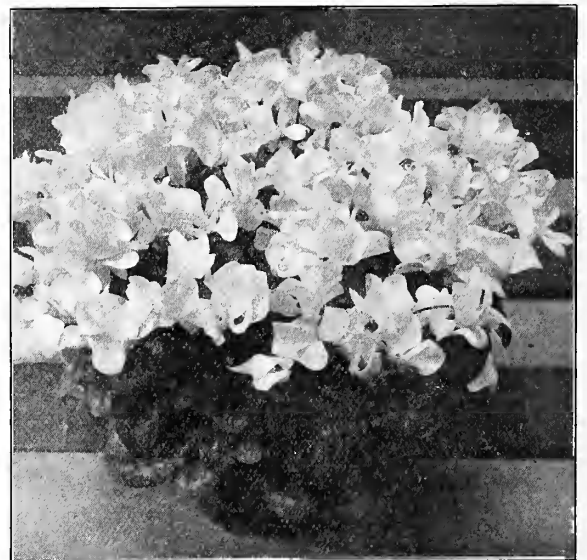
MESSRS. JOS. BRECK & SONS,

Dear Sirs:—

The seeds you supplied me have produced a most wonderful display of flowers and have been the admiration of all who have seen them, and I have received many compliments which I feel is part due to the "House of Brecks" for supplying really reliable seeds.

Yours truly,

(Signed) FRANK HILL.



Cyclamen. Breck's Imperial Strain

CONVOLVULUS

(Morning Glory)

Convolvulus Major is the old favorite, and grows rapidly to a height of 10 feet. The other two sorts are new and fine, especially the Japanese Morning Glory. They bear large and wonderfully colored flowers. The dwarf Morning Glory is suitable for growing in clumps or beds, and fine for hanging baskets, window boxes, etc.

| | | | |
|---|-----------|-----|-----|
| 915. Major (Morning Glory), hA, mixed colors | ¼ lb. .35 | .15 | .05 |
| 916. Imperial Japanese, 20 ft., hA, mixed colors. A specially selected strain with a wonderful range of colors; the flowers are of enormous size, many of them being spotted, marbled, striped, flaked and splashed | | .50 | .10 |
| 917. Purpurea, Fl. Pl. (Double Morning Glory), hA, white and red..... | | .50 | .10 |
| 905. Minor (Dwarf Morning Glory), tricolor, 1 ft., hA, varied colors..... | | .80 | .05 |
| 906. Rose Queen, 1 ft., hA, rose..... | | .50 | .10 |
| 907. Splendens, 1 ft., hA, violet..... | | .50 | .10 |
| 908. White, 1 ft., hA, white..... | | .80 | .10 |
| 909. Mixed Colors. 1 ft..... | | .20 | .05 |
| 910. Mauritanicus, 1 ft., hhP, blue..... | 1.00 | | .10 |

COBAEA.—Splendid climbers of vigorous growth, with large bell-shaped flowers. Seeds started in heat, setting them on edge and covering with half an inch of soil, will flower the first season. Half-hardy perennial.

| | | |
|-------------------------------------|------|-----|
| 832. Scandens. Purple | 1.00 | .10 |
| 833. Scandens Alba. Pure white..... | 1.50 | .15 |

| | | |
|---|-----|-----|
| 840. COIX LACHRYMA (Job's Tears). Hardy annual. 1½ ft. An annual grass extensively grown for its pearly seeds which are used to make strings of beads for children..... | .20 | .05 |
|---|-----|-----|

COLEUS.—Bedding plants with beautifully colored foliage. Easily grown from seed. The dwarf, large-leaved strain is especially desirable. The colors range from light to dark red; leaves beautifully marbled and spotted. Tender perennial.

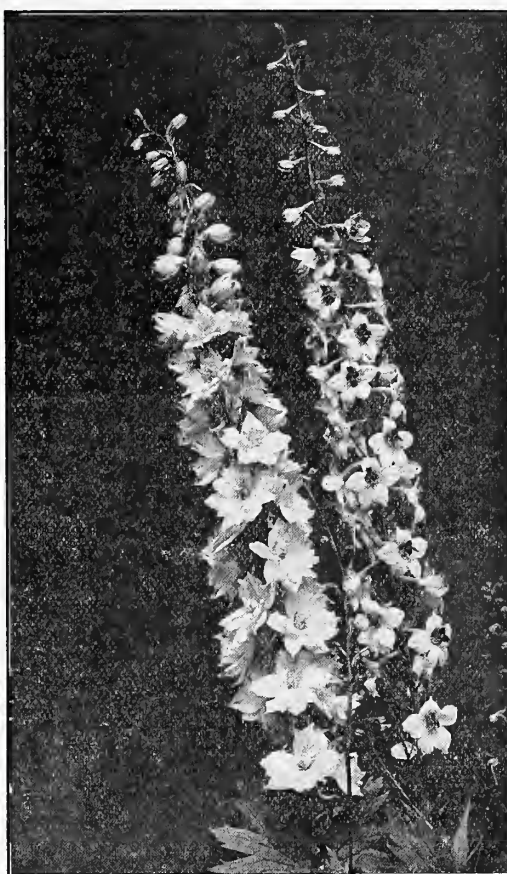
| | |
|--|-----|
| 845. Choicest mixed, 2 ft..... | .20 |
| 846. Fringed and blotched, 2 ft..... | .20 |
| 847. Large-leaved varieties, 2 ft..... | .20 |
| 848. Large-leaved dwarf, 1 ft..... | .20 |
| 849. Dwarf willow leaved, 1 ft..... | .20 |

| | | |
|---|-----|-----|
| 855. COLLINSIA.—Mixed. Hardy annual, 1 ft. Beautiful free-flowering plants for beds and mixed borders | .25 | .10 |
|---|-----|-----|

| | |
|--|-----|
| 860. COLLOMIA COCCINEA.—Hardy annual. Scarlet and yellow, 2 ft. Good for pot culture and bedding; fine for bees..... | .10 |
|--|-----|

CYPRESS VINE (Ipomea Quamoelit).—Very pretty vine, having clusters of star-shaped flowers and feathery green foliage. Half-hardy annual. 10 ft.

| | | |
|---------------------|-----|-----|
| 1578. Scarlet | .80 | .10 |
| 1579. White | .80 | .10 |
| 1580. Mixed | .80 | .05 |



Delphinium or Larkspur

DELPHINIUM

Great improvement has been made in the form and colors of these splendid border perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubby borders, and for cutting purposes. (For annual varieties, see Larkspur, page 84.)

| | | | |
|---|------|------|-----|
| 997. Breck's Superb New Hybrids. Saved from a magnificent strain of all the best varieties, they range in color from delicate lavender through all shades to the most intense blue..... | | 2.00 | .50 |
| 1006. Cardinale. Scarlet with yellow center, 3 ft..... | | | .20 |
| 1007. Cashmerianum. Very fine, dark blue, 2 ft..... | | | .25 |
| 1008. Chinense. Light blue, 2 ft..... | 1.00 | .30 | .10 |
| 1017. Chinense Album. Pure white, 2 ft..... | 1.00 | .30 | .10 |
| 1009. Elatum (Bee Larkspur). Rich blue shades with black centers, 4 ft..... | | .75 | .10 |
| 1010. Formosum. Rich, dark blue, 3 ft..... | 2.00 | .60 | .10 |
| 1013. Nudicaule. Scarlet, 2 ft..... | | | .25 |
| 1014. Zalil (Sulphureum). Sulphur yellow, 2 ft..... | | | .25 |
| 1016. Belladonna. Beautiful turquoise-blue flowers. This variety is a very free and continuous bloomer from the end of June until frost; no hardy border is complete without it..... | | 2.00 | .25 |
| 1012. New, Large-Flowered Hybrids. From named varieties only..... | 2.00 | | .25 |

DIANTHUS

(Annual Pinks)

Single Varieties

All the single varieties have large flowers, their bright colors making them very desirable for beds or borders.

| | Oz. | ¼ oz. | Pkt. |
|---|------|-------|------|
| 1022. <i>Marginatus</i> . Silver edged, slightly fringed, 1 ft..... | | | .15 |
| 1029. <i>The Bride</i> . Very dwarf and compact; large flowers, pure white with crimson eye | 1.50 | .40 | .10 |
| 1033. <i>Heddewigii</i> . Mixed | .75 | | .05 |
| 1036. <i>Laciniatus</i> . Mixed | 1.00 | | .10 |
| 1037. <i>Crimson Belle</i> . Brilliant crimson. | 1.25 | .40 | .10 |
| 1038. <i>Salmon Queen</i> . Delicate salmon red | | .50 | .10 |

Double Varieties

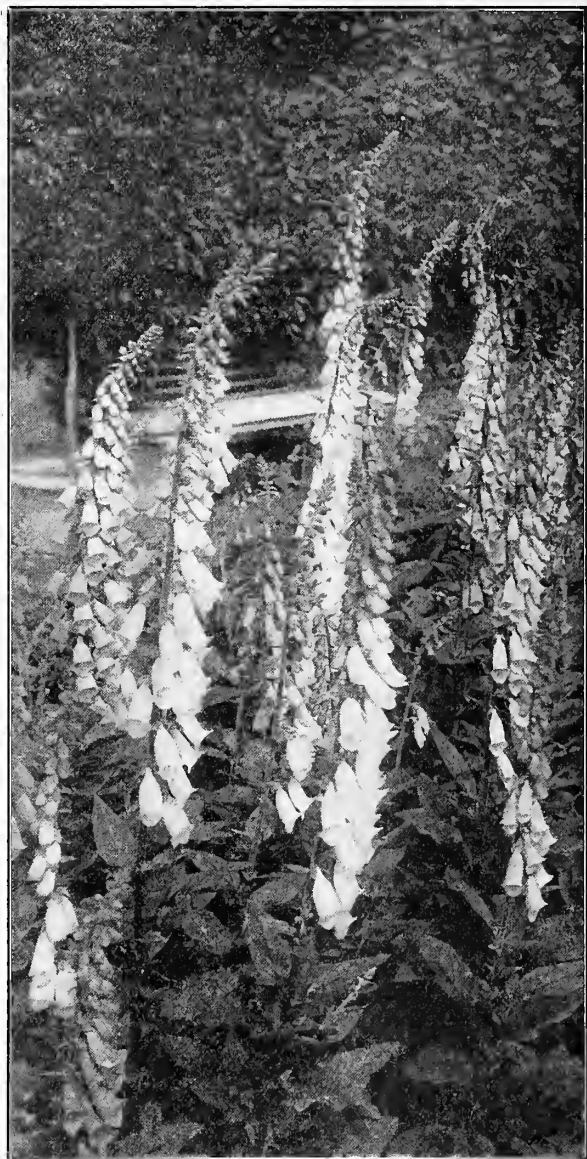
| | | | |
|---|------|-----|-----|
| 1026. <i>Chinensis</i> (China, or Indian Pink). Choice mixed, flowers very double; blooms in clusters in a large variety of colors | .50 | | .05 |
| 1027. <i>Diadematus</i> (Double Diadem Pink). Finest mixed. Fine double flowers in various shades of crimson lilac purple with the outer edges fringed and nearly white | .50 | | .10 |
| 1028. <i>Imperialis</i> . Finest mixed..... | 1.00 | .30 | .10 |
| 1030. <i>Heddewigii Alba</i> . Pure white..... | 2.50 | .60 | .15 |
| 1032. <i>Heddewigii</i> . Choice mixed..... | 1.75 | .50 | .10 |
| 1039. <i>Laciniatus</i> . Choice mixed; extra fine, very showy, large double fringed flowers | .50 | | .10 |

HARDY GARDEN, Grass or Spice Pinks.—Delightful, refreshing spicy odor; should be in every garden where cut flowers are wanted. They make a very nice edging for a hardy border.

| | | | |
|---|------|--|-----|
| 1070. <i>Double Orange</i> . Scarlet..... | 1.50 | | .25 |
| 1071. <i>Double White</i> | .75 | | .15 |
| 1072. <i>Double Mixed</i> | | | .10 |
| 1075. <i>Plumarius Single Mixed</i> (Scotch or Pheasant Eye Pink). A beautiful single variety with fringed edges.... | 2.00 | | .10 |
| 1076. <i>Plumarius Double</i> . Double and semi-double flowers in great quantity. | .75 | | .15 |
| 1077. <i>Semperflorens</i> (Everblooming Pink). Sweet-scented double, semi-double and single flowers, in beautiful colors | | | .15 |



Dianthus (Annual Pinks)



Digitalis or Foxglove

DIGITALIS

(Foxglove)

Excellent hardy perennials, producing long clusters of tubular flowers. Splendid for shrubberies, shady places and borders.

| | Oz. | Pkt. |
|--|------|------|
| 1094. <i>Breck's Selected Mixed</i> . Giant spikes of flowers in a splendid variety of color, 4 ft. | 1.00 | .10 |
| 1095. <i>Gloxiniiflora</i> . Mixed, 4 ft..... | .60 | .10 |
| 1096. <i>Grandiflora</i> . Yellow, 4 ft..... | .60 | .10 |
| 1097. <i>Maculata Superba</i> (Ivory Spotted), 3 ft. | .75 | .10 |
| 1098. <i>Purpurea</i> (Common Red Foxglove). Purple, 3 ft..... | .40 | .10 |
| 1099. <i>Alba</i> . White, 3 ft..... | .60 | .10 |
| 1100. <i>Rosea</i> . Pink, 3 ft..... | .75 | .10 |
| 1101. <i>Monstrosa Superba</i> . Mixed, 3 ft..... | 1.50 | .10 |
| 1102. <i>Mixed</i> . 3 ft..... | .50 | .05 |

DICTAMNUS (Dittany, or Gas Plant).—An old garden favorite with fragrant, glossy foliage that gives forth an odor like lemon when rubbed in the hands; a great favorite with bees.

| | | |
|---|------|-----|
| 1090. <i>Fraxinella</i> . Purple | .50 | .10 |
| 1091. <i>Fraxinella Alba</i> . White..... | 1.00 | .10 |



Dimorphotheca Aurantiaca Hybrids

DIMORPHOTHECA

(South African Daisy)

- | | | |
|--|-----|-----|
| 1103. Aurantiaca. A rare and exceedingly rich flowering annual of easy culture. The plants, which are of neat branching habit, grow from 12 to 15 inches high and produce Marguerite-like blossoms 3 inches in diameter. The color, a beautiful deep golden-orange, is rendered more conspicuous by the dark disc in the center..... | .60 | .15 |
| 1104. Aurantiaca Hybrids. These new, selected hybrids are like the parent, Dimorphotheca Aurantiaca, in habit and growth. The colors range from white to bluish and pinkish white, sulphur to golden yellow, salmon to rose and other delicate tints. These hybrids are a valuable addition to the class of plants which may be easily grown from seed | .15 | |
| 1109. Dimorphotheca, Aurantiaca Hybrida Flora Plena. (For description, see Novelty page number) | .25 | |
- DAHLIA.**—We offer seed from the finest collection in Europe. If the seed is started early in a hot-bed an abundance of flowers will be produced the same season. Dahlias like a rich, deep soil. The roots should be housed during winter.
- | | | |
|---|-----|--|
| 975. Cactus. Mixed | .25 | |
| 976. Double Grandiflora. Mixed | .25 | |
| 977. Pompon. Mixed, 2 ft..... | .25 | |
| 979. Double Glory. Flowers vary in size from 1 to 3 inches and resemble Scabiosa..... | .10 | |
| 981. Breck's Single Perfection. Mixed..... | .10 | |
| 982. Collarette. Single, mixed..... | .20 | |
| 983. Paeyon Flowered. Mixed..... | .20 | |

- | | | |
|--|-------|------|
| DATURA (Trumpet Flower).—Handsome ornamental annuals with large trumpet-shaped flowers. 2 to 3 ft. In large clumps or borders of shrubbery these produce an excellent effect. They do well on light sandy soil. | Oz. | Pkt. |
| 990. Cornucopia. White, mottled with royal purple | 1.00 | .10 |
| 991. Golden Queen. Yellow..... | 1.00 | .10 |
| 992. Humilis. Double, yellow..... | .60 | .10 |
| 994. Annual Mixed | .50 | .10 |
| 1105. DODECATHEON MEADIA (Cow-slip).—An old-fashioned perennial with drooping, purple flowers, 1 ft..... | | .10 |
| DOLICHOS (Hyacinth Bean).—A rapid-growing, hardy annual climber with white or purple flowers which are followed by ornamental seed pods. | | |
| 1110. Lablab. Purple, 10 ft..... | .25 | .05 |
| 1111. Alba. White, 10 ft..... | .25 | .05 |
| 1112. Mixed. 10 ft..... | .25 | .05 |
| DRACAENA. —Beautiful ornamental foliage plants, useful for greenhouse and sub-tropical decoration; their graceful habit also makes them splendid bedding plants for lawns. Indivisa has narrow, green leaves. The under side of the midrib of Veitchii is a deep red. | | |
| 1120. Australis. Green | | .10 |
| 1121. Indivisa. Green | 1.50 | .10 |
| 1122. Veitchii. Red and green..... | | .10 |
| 1125. ECHINACEA PURPUREA. —A free-flowering perennial with large reddish-purple flowers, 3 ft..... | | .10 |
| 1130. ECHINOCYSTIS LOBATA (Wild Cucumber).—Rapid growing vine with bright green foliage and clusters of white flowers. One of the best annual climbers for covering old fences, trellises, etc. Soak the seed in water for 20 hours before sowing..... | .25 | .05 |
| 1135. ECHINOPS RITRO (Globe Thistle).—Magnificent perennial with large thistle-like heads of light blue flowers, 3 ft..... | | .10 |
| 1145. EDELWEISS ALPINUM (Leontopodium Alpinum).—A hardy perennial plant from the Swiss Alps; star-shaped white flowers, 6 inches | | .25 |
| 1160. EREMURUS ROBUSTUS. —A stately plant with long spikes of soft flesh pink flowers, 8 ft..... | | .25 |
| 1165. ERIANTHUS RAVENNAE. —Resembles Pampas grass; graceful plumes, and variegated foliage | .40 | .05 |
| 1170. ERIGERON AURANTIACUS. —An excellent hardy perennial, producing orange flowers on stocky stems..... | | .10 |
| 1175. ERYNGIUM AMETHYSTINUM. —Handsome ornamental hardy perennials, with beautiful thistle-like heads of azure blue, very finely cut foliage; excellent for winter bouquets | | .10 |
| 1176. ERYNGIUM Giganteum (Sea Holly).—Handsome species with small round flower heads of pale blue..... | ¼ oz. | .25 |
| 1205. EUCALYPTUS GLOBULUS (Gum Tree). A graceful greenhouse plant of very rapid growth; bluish foliage..... | | .10 |
| EULALIA. —Beautiful ornamental grasses having long graceful leaves and plume-like spikes of red-brown flowers; excellent for growing in clumps. Hardy perennials, 6 ft. | | |
| 1215. Japonica | | .10 |
| 1216. Zebrina | | .10 |
| 1220. EUPATORIUM FRASERI. —A graceful perennial bearing clusters of white flowers, 2 ft. | 1.00 | .10 |



Eschscholtzia

ESCHSCHOLTZIA

(California Poppy)

Large showy flowers in shades of yellow, orange, rose and white. The foliage is bluish green and very attractive. For a display in beds and borders as well as for cutting, these flowers are very satisfactory. The plants are fairly hardy and seed may be sown quite early where wanted to bloom. Hardy annual.

| | Oz. | Pkt. |
|---|------|------|
| 1184. Erecta Crocea. Very fine double, large orange flowers, very like a Marechal Neil Rose | 1.00 | .15 |
| 1185. Erecta Compacta (Dainty Queen). Pale pink, lovely delicate shade..... | 1.00 | .15 |
| 1186. Erecta Diana. Rosy white petals, beautifully fluted, delicate and attractive..... | 1.00 | .15 |
| 1187. Erecta Compacta (Mandarin). Rich, deep orange, shaded crimson; fine compact habit | 1.00 | .10 |
| 1188. Californica Alba. Pure white..... | .30 | .05 |
| 1190. Californica (Golden West). An improved strain of Californica yellow; orange centre, 1 ft..... | .40 | .05 |
| 1191. Californica. Rose cardinal..... | .60 | .05 |
| 1192. Fine Mixed. 1 ft..... | .30 | .05 |
| 1195. Breck's Giant. Mixed..... | 1.00 | .10 |
| 1198. Double. Choice mixed, including all the new and beautiful shades..... | 1.00 | .10 |

EUPHORBIA.

| | | |
|--|--|-----|
| 1225. Heterophylla. Glossy-green leaves, turning a brilliant orange scarlet about the middle of summer..... | | .10 |
| 1226. Variegata (Snow on the Mountains). Fine for bordering, with its clusters of white flowers and foliage variegated green and white | | .05 |

FUCHSIA.—A handsome bushy plant with numerous bell-shaped flowers. Tender perennial.

| | Oz. | Pkt. |
|------------------------------------|-----|------|
| 1245. Hybrida. Single, mixed | | .50 |
| 1246. Hybrida. Double, mixed | | .50 |

FUNKIA.—An excellent border plant with large leaves and clusters of fragrant flowers borne on spikes well above the foliage. Hardy perennial. 2 ft.

| | | |
|---------------------------------------|-----|-----|
| 1250. Alba. White Plaintain Lily..... | | .10 |
| 1251. Coerulea. Blue | .60 | .10 |

GAILLARDIA

(Blanket Flower)

A genus of most beautiful plants bearing many brilliantly colored flowers. The perennial varieties have many daisy-like blossoms, mostly in the yellow shades with dark centres. The annual varieties are very showy and are well adapted for garden decoration and cutting. 1½ ft.

Annual Varieties

| | | |
|--|-----|-----|
| 1253. Lorenziana ("The Bride"). Double white | .80 | .05 |
| 1255. Lorenziana. Double mixed..... | .50 | .05 |
| 1256. Amblydon. Single deep red..... | | .05 |
| 1257. Single. Mixed | .30 | .05 |
| 1259. Breck's Superb Strain. Single mixed.. | .50 | .10 |

Perennial Varieties

| | | |
|---|------|-----|
| 1264. Grandiflora Maxima. Yellow | 1.00 | .10 |
| 1265. Grandiflora Hybrida. Yellow and red.. | 1.00 | .10 |
| 1266. Grandiflora Superba. Yellow and red.. | 1.25 | .10 |

GALEGA.—Ornamental plants, with spikes of pea-shaped flowers; suitable for borders or cutting. Hardy perennial, 2½ ft.

| | | |
|---|-----|-----|
| 1275. Officinalis. Purple | .40 | .05 |
| 1276. Officinalis Alba. Pure white..... | .60 | .10 |

1280. **GAURA LINDHEIMERI.**—A gracefully branching plant bearing long spikes of white, rose-tinted flowers; blooms from seed the first season. Hardy perennial, white and red, 3 ft.....

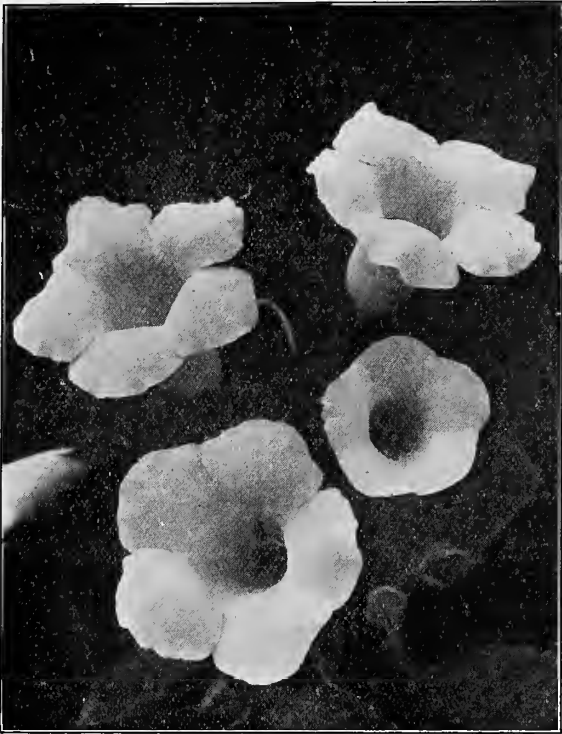
1285. **GENISTA CANARIENSIS.**—A pretty, branching plant bearing clusters of bright yellow, pea-shaped flowers. Tender perennial, yellow, 2 ft.....

GENTIANA.—A dwarf growing, native perennial with very bright blue or yellow flowers.

| | | |
|--|------|-----|
| 1290. Acaulis (Blue Gentian). ½ ft..... | 2.50 | .10 |
| 1291. Crucjata. Light blue, 1 ft..... | 2.50 | .10 |
| 1292. Lutea (Giant Gentian). Yellow, 3 ft... | | .10 |



Gaillardia



Gloxinia, Avalanche

GLOXINIA

The Gloxinias are a magnificent race of summer-flowering plants. Their rich, velvety green leaves and graceful tubular flowers make them invaluable for greenhouse and conservatory decoration.

- | | |
|--|-----|
| 1326. Avalanche. Pure white..... | .50 |
| 1329. Brilliant. Crimson | .50 |
| 1330. Defiance. Scarlet | .50 |
| 1331. Goliath. Purple | .50 |
| 1332. Hetherset Hybrids. Mixed colors..... | .50 |
| 1335. Breck's Giant Hybrids. Mixed. A magnificent strain saved from the newest and best sorts; the flowers are immense, of perfect form and beautiful colors. Handsome foliage | .50 |

GERBERA (Transvaal Daisy).—A handsome plant with large daisy-like flowers, 3 to 4 inches across, on 12 to 18 inch stems. Unsurpassed as cut flowers on account of their splendid lasting qualities. They are easily grown from seed and will flower the first year. Half-hardy perennial, 1½ ft.

- | | |
|--|-----|
| 1300. Jamesoni Gigantea. Scarlet..... | .20 |
| 1301. Hybrida. Mixed colors. A much improved strain of Jamesoni. The colors, which are exquisitely delicate and rich, include salmon, yellow, orange, rose, cerise, white, violet, and ruby-red. The beautiful long-stemmed flowers are excellent for bouquets. They last for a long time after cutting. When sowing it is advisable to plant each seed with the pointed end projecting just above the surface of the soil. 3 pkts. for \$1.00 | .35 |

GEUM.—Fine herbaceous plants, well adapted for the hardy border. They produce an abundance of flowers suitable for cutting. 1½ ft.

- | | |
|--|-----|
| 1304. Geum, Fl. Pl. (Mrs. Bradshaw). Very large double flowers of the brightest scarlet color; an excellent variety..... | .25 |
|--|-----|

- | | Oz. | Pkt. |
|--|------|------|
| 1305. Coccineum, Fl. Pl. Double scarlet..... | | .10 |
| 1306. Japonicum Atrosanguineum. Double crimson | | .20 |
| 1308. Finest Mixed | 1.25 | .10 |

GERANIUM.—Elegant greenhouse plants having an immense variety of single and double flowers. Invaluable for bouquets and decorative purposes. Tender perennial. 2 ft.

- | | |
|-------------------------------------|-----|
| 2290. Apple Scented. Pink..... | .20 |
| 2292. Double Scarlet | .25 |
| 2296. Zonale. Single, mixed..... | .50 |
| 2298. Show Pelargoniums. Mixed..... | .50 |

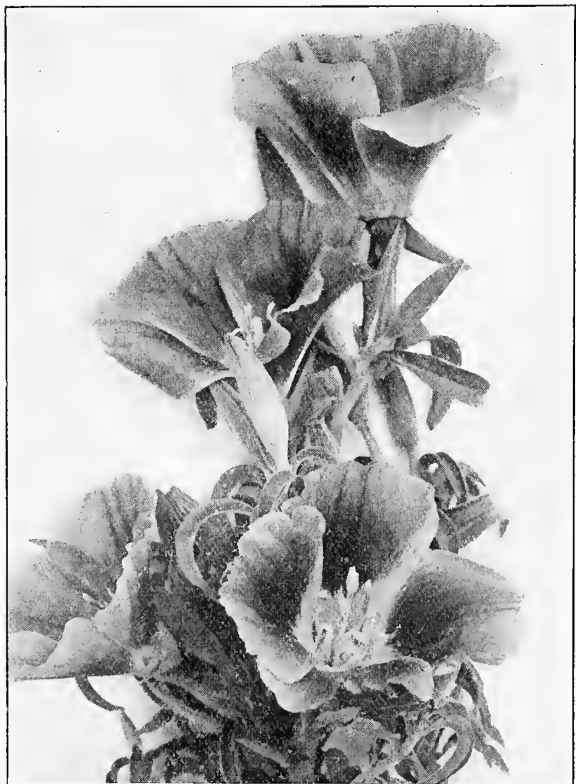
GILIA.—Old-fashioned hardy annuals suitable for borders and rock work. They bloom profusely throughout the season and thrive in almost any situation. 1 ft.

- | | | |
|--|-----|-----|
| 1316. Tricolor. White, lilac and purple..... | .30 | .05 |
|--|-----|-----|

GODETIA

Magnificent hardy annuals, producing numerous delicately-colored flowers; especially attractive when grown in masses. 1 ft.

- | | | |
|--|------|-----|
| 1339. Schamini, Fl. Pl. Double rose. Long sprays of large double Clarkia-like rose colored flowers. Very effective for bedding or cut bloom; if cut as soon as buds are fully developed it will last a long time in water. 2 ft..... | 1.00 | .10 |
| 1340. Crimson Glow. Dazzling crimson..... | 2.00 | .10 |
| 1342. Duchess of Albany. White..... | 1.00 | .10 |
| 1343. Gloriosa. Red | 1.00 | .10 |
| 1344. Lady Albemarle. Crimson..... | .60 | .10 |
| 1345. The Bride. White and crimson..... | .40 | .10 |
| 1346. Breck's Snowflake. White..... | 1.00 | .10 |
| 1347. Yellow Queen. Yellow..... | .60 | .10 |
| 1348. Mixed | .80 | .05 |



Godetia

GLOBE AMARANTH
(*Gomphrena*)

These are old favorites for winter bouquets, formerly called "Bachelor Buttons." The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in good rich loam. 1½ ft.

| | Oz. | Pkt. |
|--|-----|------|
| 1355. Aurea Superba. Orange..... | .30 | .05 |
| 1356. Globosa Alba. White..... | .30 | .05 |
| 1357. Globosa Rosea. Rose..... | .30 | .05 |
| 1358. Globosa Striata. Striped..... | .30 | .05 |
| 1359. Globosa Violaacea. Violet..... | .30 | .05 |
| 1360. Globosa Mixed..... | .30 | .05 |
| 1365. Globosa Nana Compacta Rubra. Red, 1 ft. | .50 | .05 |
| 1366. Globosa Nana Compacta Alba. White, 1 ft. | .50 | .05 |

GOURDS
(Ornamental)

Quick-growing, interesting annual climbers, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes.

| | | |
|--|------|-----|
| 920. Acatangulus (Rag, or Dish-cloth Gourd). | 1.00 | .10 |
| 930. Angora. White spotted fruit..... | 1.00 | .10 |
| 931. Apple-shaped. Small fruit..... | 1.00 | .10 |
| 932. Bottle-shaped. Ornamental and curious. | 1.00 | .10 |
| 933. Dipper-shaped. Used as dippers by the natives in tropical countries..... | 1.00 | .10 |
| 934. Egg-shaped. White nest-egg..... | 1.00 | .10 |
| 921. Erinaceous (Hedge-Hog Gourd)..... | 1.00 | .10 |
| 922. Flexuosus (Snake Cucumber)..... | 1.00 | .10 |
| 935. Gooseberry-shaped. Small and very odd | 1.00 | .10 |
| 936. Hercules' Club. Long white..... | 1.00 | .10 |
| 937. Lemon-shaped..... | 1.00 | .10 |
| 938. Orange-shaped..... | 1.00 | .10 |
| 939. Pear-shaped..... | 1.00 | .10 |
| 940. Sugar Trough. Used as water holders.. | 1.00 | .10 |
| 941. Mixed..... | .50 | .10 |

1370. GRASSES (Ornamental).—Mixed. This mixture contains all the most beautiful and desirable annual varieties of ornamental grasses. They are excellent plants for growing in groups on the lawn, along borders, and in mixed flower beds..... .40 .05

1375. GREVILLEA ROBUSTA (Silk Oak).—Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 ft..... 1.50 .10

GYNERIUM (Pampas Grass).—Stately, hardy grasses, with long, graceful foliage topped by silvery plumes which often reach a height of 14 ft. Require protection in winter.

| | | |
|--|--|-----|
| 1380. Argenteum. Gray..... | | .10 |
| 1381. Jubatum. Gray. More slender than the preceding..... | | .10 |

GYPSOPHILA (Baby's Breath).—Bushy, free-blooming plants, producing great numbers of small white flowers in loose, graceful panicles. They are especially valuable in making up bouquets.

Hardy Annuals

| | | |
|--|------|-----|
| 1382. Breck's Giant White. Pure white..... | .50 | .10 |
| 1386. Elegans Alba. White, 1 ft..... | .30 | .05 |
| 1387. Elegans Rosea. Rose, 1 ft..... | .30 | .05 |
| 1388. Muralis. Red, 1½ ft..... | 1.00 | .05 |

Perennial Varieties

| | | |
|--|-----|-----|
| 1389. Paniculata (Compacta Improved). White, 2 ft. | .60 | .05 |
|--|-----|-----|

HELENIUM (Sneezewort).—Showy hardy perennials bearing large, daisy-like, golden yellow flowers. Valuable for cutting.

| | | |
|--|-----|--|
| 1400. Hoopesii. Orange, yellow, 4 ft..... | .10 | |
| 1401. Bigelowii. Yellow, 4 ft..... | .10 | |
| 1402. Autumnale Superbum. Yellow, 4 ft.... | .10 | |



Helichrysum

1405. HELIANTHEMUM ALPESTRE (Sun Rose). Dwarf plant with narrow, deep green foliage and bright yellow flowers. Suitable for rock work or edgings on account of its trailing habit. Hardy perennial..... .10

HELICHRYSUM.—The best known of all the everlastings. The bright colored flowers are of large size. They should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil. 1 to 2 ft.

| | | |
|---|------|-----|
| 1440. Bracteatum. Yellow..... | .40 | .05 |
| 1441. Album. White..... | .40 | .05 |
| 1442. Fireball Monstrosum. Crimson..... | 1.25 | .10 |
| 1443. Monstrosum Album, Fl. Pl. Double white..... | 1.25 | .10 |
| 1444. Monstrosum Luteum, Fl. Pl. Double yellow..... | 1.25 | .10 |
| 1445. Monstrosum Purpureum, Fl. Pl. Double purple..... | 1.25 | .10 |
| 1446. Monstrosum Roseum, Fl. Pl. Double rose..... | 1.25 | .10 |
| 1447. Monstrosum Double. Mixed..... | 1.00 | .05 |
| 1448. Nanum, Fl. Pl. Mixed..... | 1.00 | .05 |

HELIOPSIS.—Pretty branching perennial plants with numerous large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all summer. 3 to 4 ft.

| | | |
|-----------------------------------|--|-----|
| 1455. Laevis. Orange, yellow..... | | .10 |
| 1456. Pitcheriana. Yellow..... | | .10 |

HELIOTROPE (Heliotropium).—Greenhouse shrub having oval-shaped green leaves and heads of small fragrant flowers that completely cover the plant. They are splendid bedding and pot plants.

| | | |
|---|--|-----|
| 1460. Chieftain. Deep purple, 2 ft..... | | .15 |
| 1461. Snowball. White, 2 ft..... | | .10 |
| 1462. Giant Hybrids. Mixed, 2 ft..... | | .10 |

HESPERIS (Sweet Rocket).—Old garden favorites, having splendid clusters of fragrant purple and white flowers useful for cutting. Hardy perennial, 2½ ft.

| | | |
|-----------------------------------|-----|-----|
| 1475. Mixed..... | .50 | .05 |
| 1476. Matronalis. Purple..... | .50 | .05 |
| 1477. Matronalis Alba. White..... | .50 | .05 |

1480. HEUCHERA SANGUINEA (Coral Bells). A very desirable herbaceous perennial, blooming from spring until late in the fall. Small, red, bell-shaped flowers borne in loose panicles on stout stems well above the tufts of heart-shaped leaves; splendid for rock-work. 2 ft..... .20

HIBISCUS
(Mallow)

Vigorous growing plants, producing handsome flowers, often 6 inches across. Fine for mixed beds and borders.

| | Oz. | Pkt. |
|---|------|------|
| Annual Varieties | | |
| 1485. Africanus (African Rose). Yellow and brown, 5 ft..... | .50 | .10 |
| 1488. Crimson Eye. White and crimson, 5 ft. | 1.00 | .10 |
| Perennial Varieties | | |
| 1484. Moscheutos Roseus. Pink, 5 ft..... | .75 | .10 |
| 1486. Moscheutos Alba. White, 5 ft..... | .75 | .10 |
| 1487. Palustris Roseus. Rose, 4 ft..... | 2.00 | .10 |

HELLEBORUS (Christmas Rose).—Hardy perennial plants that can be easily forced under glass and made to bloom at any desired time during the winter. They have large divided leaves and cup-shaped flowers about 2½ inches across.

| | | |
|-------------------------------------|-----|--|
| 1470. Niger. White, 1 ft..... | .10 | |
| 1471. New Hybrids. Mixed, 1 ft..... | .20 | |



Hollyhock, Breck's Silver Medal

HOLLYHOCK
(Althaea Rosea)

All selected English Grown

Breck's Silver Medal strain of seed is superior to any in vigor of growth, texture, quantity and range of color.

Although Hollyhocks are perennials, young plants produce larger flowers and fresher colors than old ones, therefore we recommend the sowing of seed every year. Plants will flower the same year from seed sown in the greenhouse in January and grown on in pots until time for setting outdoors. Sowings can also be made from May to August for the following year's flowering; when the plants are large enough, transplant to a rich, cool soil, giving each at least a foot of space for growth. The permanent border or location in which they are set should be dug deep and well manured. Abundance of water should be supplied throughout the entire season of growth.

| | | |
|--|-------|---------|
| 1499. Breck's Special Selected Strain. This is a selected strain of Single, Double and Fringed varieties, with a great range of the most beautiful colors..... | ¼ oz. | Pkt. |
| | Oz. | |
| | 2.00 | .60 .10 |
| 1500. Chater's Double. Apple blossom.. | 2.00 | .60 .10 |
| 1501. —Blush white | 2.00 | .60 .10 |
| 1503. —Carmine | 2.00 | .60 .10 |
| 1504. —Crimson | 2.00 | .60 .10 |
| 1505. —Lemon yellow | 2.00 | .60 .10 |
| 1506. —Dark maroon | 2.00 | .60 .10 |
| 1508. —Rose | 2.00 | .60 .10 |
| 1509. —Salmon pink | 2.00 | .60 .10 |
| 1510. Newport Pink. Double flowers of a beautiful pure pink..... | | .15 |
| 1512. —Pure white | 2.00 | .60 .10 |
| 1515. Breck's Silver Medal. Mixed. Very choice, contains every desirable color, 6 ft. | 2.50 | .75 .10 |
| 1516. Chater's Double. Mixed..... | 2.00 | .60 .10 |
| | Oz. | Pkt. |
| 1518. Single. Mixed | 1.00 | .10 |
| Collection, 12 distinct colors, \$1.00. | | |
| 1519. Allegheny. Mixed. Semi-double, fringed flowers | 1.50 | .10 |
| 1495. Double. Annual, mixed..... | 1.50 | .10 |
| 1525. HORDEUM JUBATUM.—Gray. 2 ft. Squirrel Tail Grass. Annual..... | | .10 |
| 1530. HUMEA ELEGANS.—A fragrant, grass-like plant, popular on account of its beautiful drooping foliage. Perennial. Red, 4 to 6 inches | | .20 |

HUMULUS (Hop).—Popular climbing vines having dense luxuriant foliage, valuable for covering trellises and verandas.

Annual Varieties

| | | |
|--|-----|-----|
| 1535. Japonica. Green foliage, 20 ft..... | .50 | .05 |
| 1536. Variegata. Variegated foliage, 20 ft.... | .80 | .10 |

Perennial Variety

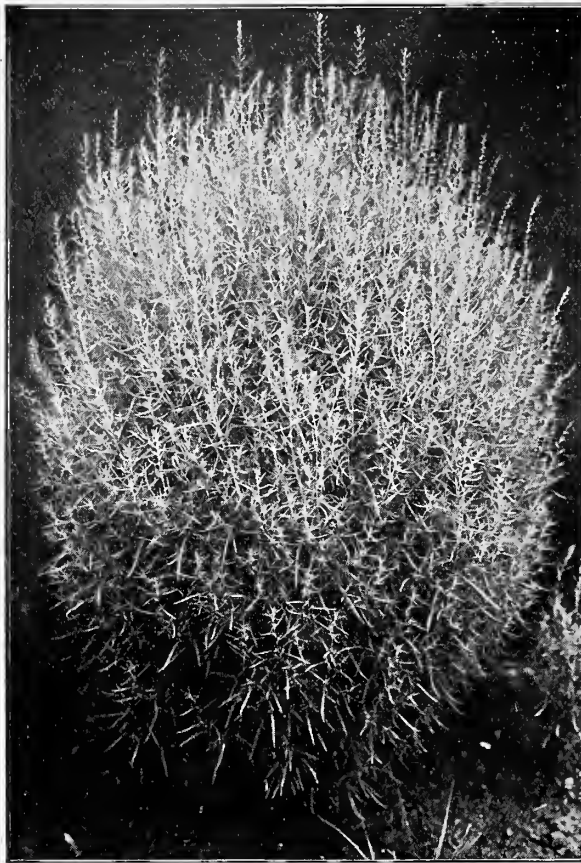
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|--|--|-----|
| 1537. Lupulus (Common Hop). 25 ft..... | | .15 |
|--|--|-----|

1200. **HUNNEMANNIA FUMARIÆFOLIA** (Giant Yellow Tulip Poppy).—This is the best poppy for cutting as it remains in good condition for several days. Seed for July flowering should be sown early in May. The plants, which grow about 2 ft. high, produce large golden-yellow, poppy-like flowers until late fall. The foliage is a fine glaucous green

1.25 .10

1540. **HYPERICUM ELEGANS** (St. John's Wort).—A pretty yellow-flowered perennial which succeeds best in a light warm soil. 1 ft.

.10



Kochia Trichophylla (Mexican Firebush)

IPOMAEA

Popular rapid-growing climbers, remarkable for their showy flowers of pink, white, blue and scarlet colors. They are excellent vines for covering arbors, trellis, etc., their luxuriant foliage combined with their fragrant flowers forming a beautiful dense screen.

| | Oz. | Pkt. |
|--|------|------|
| 1570. <i>Bona Nox</i> (Evening Glory). White.... | .50 | .10 |
| 1571. <i>Coccinea</i> (Star Ipomaea). Scarlet..... | .30 | .05 |
| 1572. <i>Heavenly Blue</i> . Blue..... | 1.00 | .10 |
| 1573. <i>Hederacea Superba</i> (Ivy Leaved). Blue | .30 | .05 |
| 1574. <i>Limbata Elegantissima</i> . Blue and white. | .30 | .05 |
| 1575. <i>Mexicana Grandiflora Alba</i> (Moon Flower). Large white flowers, 5 to 6 inches in diameter | 1.00 | .10 |
| 1576. <i>Noctiflora</i> . White | 1.00 | .10 |
| 1577. <i>Setosa</i> (Brazilian Morning Glory). Rose colored flowers | 1.00 | .10 |
| 1581. <i>Hybrida</i> (Cardinal Climber). Scarlet. Considered the most beautiful and distinct type of annual climber introduced in many years. Strong and rapid grower, attaining the height of 30 feet or more with attractive foliage covered with a blaze of bright cardinal red flowers from July till frost, which are 1½ inches in diameter, borne in clusters of 7 or 8. It delights in a warm sunny location and good soil. Sow seed indoors in April and transplant outdoors when danger from frost is past, or sow seed outdoors about May 15th where plants are wanted to bloom..... | 25 | |

| | | |
|---|------|------|
| IMPATIENS. —A fine, bushy, greenhouse plant bearing many brilliant single flowers throughout the season. Blooms almost continuously. Perennial | Oz. | Pkt. |
| 1555. <i>Sultani</i> (Perennial Balsam). Scarlet, 1 ft. | | .25 |
| 1556. <i>Hybrids</i> . Mixed | | .25 |
| 1560. INCARVILLEA DELAVAYI —A handsome plant with long green leaves and strong stalks bearing large Gloxinia-like flowers. Hardy perennial. Rose, 2½ ft..... | | .20 |
| 1585. IRIS KAEMPFERI (Japanese Iris).—This variety is now extensively grown in the hardy garden. They bloom the second year from seed. If you wish quick results, it will be necessary to buy the plants, of which we have an excellent strain. Hardy perennial, mixed | 1.00 | .10 |
| 1565. INULA ENSIFOLIA .—A common perennial bearing many aster-like blossoms; useful for rock-work. Yellow, 1½ ft..... | | .10 |
| 1636. KENILWORTH IVY (<i>Linaria Cymbalaria</i>).—A creeping, ivy-like plant which bears small but very pretty blue flowers with yellow throat. Splendid for hanging baskets | 2.50 | .10 |
| 1590. KOCHIA TRICHOPHYLLA (Mexican Firebush, or Summer Cypress).—A bushy annual which in summer might easily be taken for an evergreen of the Irish Juniper type when viewed from a distance. The plant turns a deep red in autumn. 3 ft. ¼ oz. 20 | | .10 |
| 2565. KUDZU VINE (<i>Pueraria Thunbergiana</i>).—A remarkably fast growing vine with large green leaves and clusters of pea-shaped flowers. When well established it will grow from 40 to 60 feet in a season. The plant dies back to the ground in the winter. Hardy perennial..... | 1.50 | .10 |

LARKSPUR

Annual Varieties

One of the best hardy annuals lasting a long time in flower. In order to have blossoms from July until frost the seeds should be sown in the open as early as possible.

BRECK'S GIANT STOCK-FLOWERED.—This is the finest strain of Larkspur we can procure, exceptionally good for cutting.

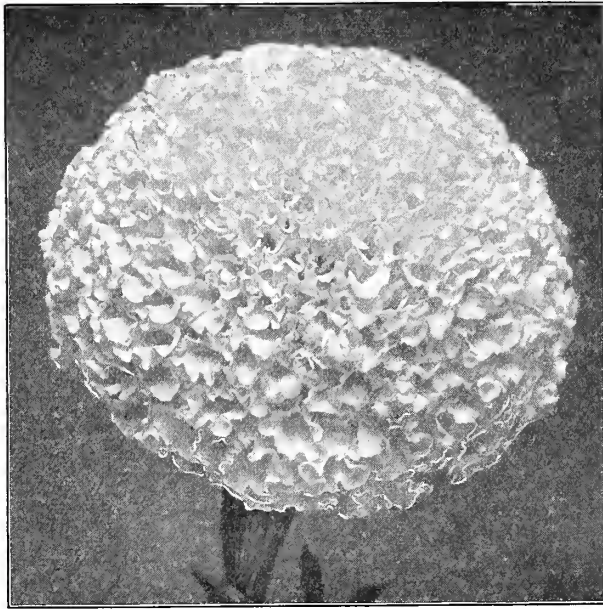
| | | |
|--|------|-----|
| 3800. <i>Rosy Scarlet</i> . Very striking color.... | 1.50 | .15 |
| 3803. <i>Lilac</i> | 1.00 | .10 |
| 3804. <i>Flesh Pink</i> | 1.00 | .10 |
| 3805. <i>White</i> | 1.00 | .10 |
| 3806. <i>Dark Rose</i> | 1.00 | .10 |
| 3807. <i>Dark Red</i> | 1.00 | .10 |
| 3808. <i>Dark Blue</i> | 1.00 | .10 |
| 3809. <i>Mixed</i> , from named varieties..... | 1.00 | .10 |
| 998. <i>Azure Fairy</i> . Cambridge blue. (For description see Novelty page)..... | | .25 |
| 999. <i>Blue Butterfly</i> . Lovely salvia blue, bushy form. Free-flowering, fine bedding plant, 1 ft. ¼ oz. 60 | | .25 |
| 1002. <i>Dwarf Double Rocket</i> . Mixed, 1 ft..... | .50 | .05 |
| 1003. <i>Tall Double Rocket</i> . Mixed, 2½ ft..... | .50 | .10 |
| 1005. <i>Giant Hyacinth Flowered</i> . Mixed, 2 ft. | .60 | .10 |

| | | |
|---|------|------|
| 1593. LAGURUS OVATUS (Hare's Tail).— | Oz. | Pkt. |
| Very ornamental, 2 ft..... | .40 | .05 |
| 1595. LANTANA HYBRIDS.—New dwarf compact bedding. Vigorous, free-blooming plants suitable for bedding-out purposes and pot culture. Tender perennial, mixed..... | 2.00 | .10 |
| LATHYRUS (Perennial Pea).—One of the hardiest and most easily cultivated climbing perennials, thriving almost anywhere. Well adapted for covering rough, unsightly, stony places. | | |
| 1600. Latifolius Albus. White..... | .80 | .10 |
| 1601. Latifolius (Pink Beauty). Pink..... | .80 | .10 |
| 1602. Latifolius, Splendens. Red..... | .60 | .10 |
| 1603. Latifolius Mixed | .50 | .10 |
| LAVENDER (Lavendula).—An old garden favorite valued for its sweet-scented leaves and flowers. | | |
| 1605. Vera. Blue, 1½ ft..... | .50 | .10 |
| 1606. Spica (Sweet Lavender). Blue, 2 ft..... | .50 | .10 |
| LAVATERA.—Plants of very easy culture, producing large showy flowers that resemble single Hollyhocks. Hardy annual, 3 ft. | | |
| 1610. Aborea Variegata. Red..... | 1.50 | .10 |
| 1609. Trimestris, Rosea Splendens. Rose.... | .15 | .10 |
| 1611. Trimestris, Alba. White..... | .30 | .10 |
| 1612. Trimestris, Red..... | .35 | .10 |
| 1613. Trimestris, Mixed..... | .30 | .05 |
| LEPTOSYNE.—Attractive plants somewhat resembling the coreopsis, having bright-yellow flowers; useful for cutting. Half-hardy annual, 2 ft. | | |
| 1620. Maritima. Yellow | 1.50 | .10 |
| 1621. Stillmani. Yellow | 1.50 | .10 |
| LIATRIS.—Desirable perennial, having densely-flowered spikes of purple flowers. Fine for dry soils. | | |
| 1625. Pyenostachia (Kansas Gay Feather). Rose purple, 3 ft..... | .10 | |
| 1626. Spicata (Blazing Star). Purple, 1½ ft.. | 3.00 | .10 |
| LIMNANTHES.—Dwarf hardy annual bearing small, fragrant yellow and white flowers; splendid for bees. Thrives in damp, shady places. 1 ft. | | |
| 1630. Douglasii. White and yellow..... | .30 | .05 |
| 1631. Mixed | .30 | .05 |
| LINARIA (Toad Flax).—Plants having long spikes of Snapdragon-shaped flowers and narrow green leaves. Hardy annual, 1 ft. | | |
| 1635. Alba. White | 1.00 | .05 |
| 1637. Maroccana. Purple | .60 | .05 |
| 1638. Maroccana Hybrids. Mixed..... | .40 | .05 |
| LINUM (Flax).—Very handsome plants for the border or rock garden. The perennial varieties will bloom from seed the first year if started early. | | |
| Annual Sorts | | |
| 1647. Grandiflora Roseum. Pink, 1½ ft..... | .50 | .10 |
| 1648. Grandiflorum Rubrum (Scarlet Flax). 1½ ft. | .30 | .05 |
| 1649. Grandiflorum Luteum. Yellow, 1½ ft.. | 2.00 | .10 |
| Perennial Varieties | | |
| 1645. Perenne Album. White, 1½ ft..... | .40 | .05 |
| 1644. Perenne Blue. 1½ ft..... | .40 | .05 |
| 1646. Flavum (Golden Flax). Yellow, 1 ft... | .10 | .10 |
| 1650. Perennial Sorts. Mixed, 1 ft..... | .50 | .05 |
| 1680. LOTUS JACOBÆUS.—An interesting greenhouse plant having a small pea-shaped flower more nearly black than any flower known. Tender annual, 1 ft..... | .10 | |
| 1685. LUNARIA BIENNIS (Honesty).—Interesting plants with showy purple flowers and transparent, silvery seed-pods, which are very ornamental, and much used for winter bouquets. Hardy biennial, 2 ft..... | .10 | |

LOBELIA

A group of plants valuable for bedding purposes on account of their compact growth and profusion of flowers; they are also useful for pot culture, hanging-baskets, etc.; continuous bloomers from June to November.

| | | |
|---|-------|------|
| 1655. Crystal Palace Compacta. Beautiful Victoria Blue. The finest variety for bedding. 4 inches..... | 1.00 | .15 |
| 1658. Azure Blue. A very compact variety, sky blue, 6 inches..... | .50 | .10 |
| 1659. Erecta. Dark blue, of upright growth, 9 inches..... | .75 | .10 |
| 1664. Prima Donna. Free-flowering, crimson, 6 inches..... | .75 | .10 |
| 1666. White Gem. Pure white, 4 inches.... | .75 | .15 |
| 1667. Royal Purple. A compact variety with deep blue flowers and distinct white eye, 6 inches | 1.00 | .15 |
| Trailing Varieties | | |
| 1662. Gracilis. Dark blue, spreading habit and free-flowering, most suitable for vases hanging-baskets, etc..... | 1.00 | .10 |
| 1668. Speciosa. Dark blue, spreading habit.. | 1.50 | .10 |
| Perennial Varieties | | |
| 1670. Cardinalis (Cardinal Flower). A native variety with spikes of brilliant flowers; succeeds best in rather moist situations, 2 ft... | | .25 |
| 1671. Syphylitica. Pale blue, a splendid variety for shady positions, 2 ft..... | | .25 |
| LUPINUS (Lupins).—Splendid free-flowering plants with long graceful spikes of pea-shaped flowers; valuable for mixed borders and beds, also good for cutting. | | |
| Annual Varieties | | |
| 1690. Cruickshankii. Blue yellow..... | .40 | .05 |
| 1691. Hartwegii. Blue | .40 | .05 |
| 1692. Hartwegii. Rose | .40 | .05 |
| 1693. Hartwegii. White | .40 | .05 |
| 1695. Breck's Selected Light Pink..... | .50 | .10 |
| 1697. Annual Mixed..... | .40 | .05 |
| Perennial Varieties | | |
| 1700. Arboreus (Snow Queen). Large pure white flowers, 3 ft..... | ¼ oz. | .40 |
| 1704. Polyphyllus. Blue | .30 | .05 |
| 1705. Polyphyllus. White | .40 | .05 |
| 1706. Polyphyllus Roseus. Very pretty rose shade | 2.00 | .15 |
| 1707. Polyphyllus. Mixed | .30 | .05 |
| LYCHNIS.—Very striking perennials having many brilliantly colored flowers borne on long stems. Splendid for cutting. | | |
| 1710. Chalcedonica (Jerusalem Cross). Scarlet, 2 ft..... | .50 | .05 |
| 1711. Chalcedonica Alba. White, 2 ft..... | .75 | .10 |
| 1712. Chalcedonica Mixed. 2 ft..... | .50 | .05 |
| 1715. Fulgens. Scarlet, 1 ft..... | ¼ oz. | 1.00 |
| 1716. Haageana Hybrida. Mixed, 1 ft..... | 3.00 | .15 |
| 1718. Flos Cuculis (Ragged Robbin). Pink, 2 ft..... | 3.00 | .10 |
| 1720. LYTHRUM ROSEUM SUPERBUM (Loose Strife).—A fine autumn-flowering perennial with magnificent spikes of rosy-purple flowers..... | .75 | .10 |
| MALOPE.—Very free-blooming hardy annuals bearing large showy flowers. 2 ft. | | |
| 1912. Grandiflora. White | .30 | .05 |
| 1913. Grandiflora. Crimson | .30 | .05 |
| 1914. Grandiflora. Pink | .30 | .05 |
| 1915. Grandiflora. Mixed | .30 | .05 |



Breck's Sunburst Marigold

MARIGOLD
(Tagetes)

For adding shades of yellow to the garden effect in late summer and autumn the African and French Marigolds are unsurpassed. They make nice beds when grown together, the Dwarf French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. Sowings should not be made outdoors until danger from frost is passed.

Double African Varieties

| | Oz. | Pkt. |
|--|---------|------|
| 2950. Breck's Perfection Strain ("Sunburst"). Lemon yellow. Clear lemon yellow flowers of a perfectly globular form, 4 to 5 inches in diameter, 2 ft. | 1/8 oz. | .75 |
| | | .25 |
| 2952. Breck's Perfection Strain ("Sunburst"). Orange yellow. Deep orange yellow of perfect form, 5 to 6 inches in diameter, 2 ft. | 1/8 oz. | .75 |
| | | .25 |
| 2954. Breck's Scotch Prize. Lemon. | 1/4 oz. | .50 |
| 2956. Breck's Scotch Prize. Orange | 1/4 oz. | .50 |
| 2960. Breck's Eldorado | 1/4 oz. | .50 |
| 2958. Breck's Scotch Prize. Mixed | 1/4 oz. | 1.00 |
| Collection of 6 distinct varieties, 50c. | | |

Double French Varieties

| | | |
|--|------|-----|
| 2968. Breck's Tall Choice Mixed. | .40 | .05 |
| 2972. Breck's Dwarf Choice Mixed. | .40 | .05 |
| 2974. Striped Brown and Yellow. | 1.50 | .10 |
| 2976. Purple, Gold Striped. | 1.00 | .10 |
| 2978. Gold-edged | 1.00 | .10 |
| Collection of 6 varieties, 50c. | | |

Single Varieties

| | | |
|---|------|-----|
| 2962. Breck's Pride of the Garden. Very free-blooming, dwarf and compact, throwing the flower well to the surface. | 1.00 | .10 |
| 2986. Signata Pumila. Brown yellow, 1 ft. | 1.00 | .10 |
| 2988. Signata Pumila. Golden King, 1 ft. | 1.00 | .10 |
| 2990. Signata Pumila. Cloth of Gold, 9 in. | 2.00 | .10 |

MALVA, or MALLOW.—Hardy perennials. Large, showy flowers growing well in almost any good garden soil, and blooming all summer.

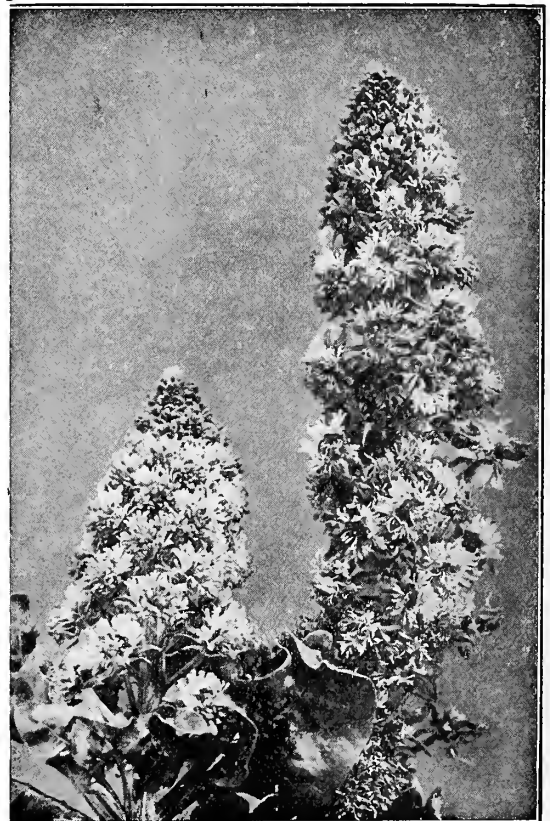
| | Oz. | Pkt. |
|--|------|------|
| 1924. Alcea (Hollyhock Mallow). Rose, 3 ft. | | .10 |
| 1926. Moschata (Musk Mallow). Rose-colored, 2 ft. | 1.50 | .10 |
| 1928. Moschata Alba. White, 2 ft. | 1.50 | .10 |

MIGNONETTE

(Reseda Odorata)

Well known, fragrant favorites, delightful for working into bouquets. For winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Pride of the Market and Breck's Colossal as being particularly good and the most desirable for pot culture. A succession of bloom during both summer and winter may be had by repeated sowings.

| | Oz. | Pkt. |
|---|-------------|---------|
| 1991. Breck's Pride of the Market.—This year we have secured what we believe is the best strain of forcing mignonette ever developed. The seed we offer is grown under glass, and will produce enormous spikes of reddish-green, deliciously fragrant flowers. | | .50 |
| 1990. Breck's Colossal. Reddish-green. | 6.00 | .25 |
| 1992. Odorata Grandiflora. 1 ft. Sweet-Scented | 1/4 lb. .75 | .25 .05 |
| 1994. Allen's Defiance. Red, 1 1/2 ft. | 1.00 | .10 |
| 1995. Bismarck, Mchet type, reddish colored flowers | 1.00 | .10 |
| 1997. Breck's Selected Giant Mchet. Red. | 1.00 | .10 |
| 1998. Crimson Giant, or Queen. Red. | 1.00 | .10 |
| 2000. Golden Mchet. Yellow. | 2.00 | .10 |
| 2005. Miles' Spiral. White, 1 1/2 ft. | .50 | .10 |
| 2007. Parson's White. | 2.50 | .10 |
| 2008. Victoria. Red. | 2.00 | .10 |
| 2010. Yellow Prince. Yellow. | | .10 |
| 1935. MARTYNIA.—A stately branching annual with heart-shaped leaves and showy flowers 2 inches or more across. They are usually of a lilac, yellow or purple color, beautifully marked and spotted. Mixed, 2 ft. | .60 | .10 |



Breck's Colossal Sweet Mignonette

2920. **MATHIOLA BICORNIS** (Evening Scented Stock).—A desirable annual exhaling a delicate perfume in the evening. Flowers are closed during the day. Rosy lilac, 1½ ft. .40 .05

MATRICARIA (Double Feverfew).—Very free-flowering hardy annuals, desirable as border plant, having very fine-cut foliage and large heads of flowers. 1 to 1½ ft.

1940. **Capensis**. White60 .05
1942. **Exima** (Golden Ball). Yellow.15
1944. **Snowball**. White.1.00 .10
1946. **Grandifloræ**. White.75 .05

MAURANDYA.—Magnificent, tender climbing perennial having many showy trumpet-shaped flowers. Flowers from seed the first season.

1973. **Mixed**. 10 ft.2.00 .10

MESENBRANTHEMUM.—Dwarf annuals well adapted for hot situations; very effective for edging and carpet bedding.

1980. **Crystallinum** (Ice Plant). White, trailing, has peculiar glistening foliage.10
1982. **Tricolor** (Dew Plant). Rose.1.00 .10
1984. **Tricolor, Alba**. White.1.00 .10
1986. **Choice Mixed**.75 .05

2015. **MIMOSA PUDICA** (Sensitive Plant).—A tender annual, the leaves of which have a peculiar habit of closing up if touched or shaken. Flowers pink. 1 ft.60 .05

MIMULUS (Monkey Flower).—A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant colored flowers. Seed should be sown early indoors.

2020. **Cardinalis**. Scarlet, tender perennial, 1½ ft.2.00 .10

2022. **Moschatus Compacta** (Musk). Yellow, ½ ft. The well-known scented variety of musk. Very fine in hanging baskets; tender annual10

MIRABILIS

MIRABILIS JALAPA (Marvel of Peru, or Four O'Clock).—A bushy rapid-growing plant bearing clusters of long tube-shaped flowers which do not open until late in the afternoon. Splendid for beds and borders. Hardy annual, 2 ft. Lb. ¼ lb.

2025. **Fine Mixed**.1.00 .35 .15 .05
2027. **Longiflora Alba**. White.30 .05
2029. **Variegated Leaved**. Mixed.30 .05
Collection, 8 varieties, 30c.



Nicotiana



Myosotis (Forget-me-not)

2035. **MOLUCELLA LAEVIS** (Shell Flower).—Of very curious form, easily grown and worthy of attention. hA, white and blue, 1 ft.10

MOMORDICA.—Handsome climbing vines with inconspicuous flowers but having large, warted, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.

2040. **Balsaminia** (Balsam Apple). Yellow.1.00 .10
2042. **Charantia** (Balsam Pear). Yellow.1.00 .10

2045. **MONARDA DIDYMA** (Bee Balm).—An aromatic herb having showy bright red flowers. Moist, shady locations are most suitable. hP, 2 ft.15

MUSA ENSETE

2046. **ABYSSINIAN BANANA**.—Of all plants available to us for sub-tropical effects, this is the most luxuriant. It grows here from 12 to 15 feet high with leaves 6 to 8 feet in length. Seeds sown in January or February produce good plants for summer bedding. 100 seeds 2.00 .25

MYOSOTIS

(Forget-Me-Not)

Very popular free-flowering plants producing their beautiful star-like flowers in great profusion throughout the summer. They are especially effective when planted in large masses.

2055. **Alpestris Alba**. White, ½ ft.3.00 .10
2057. **Alpestris Coerulea**. Blue, ½ ft.1.50 .10
2058. **Alpestris Rosea**. Rose, ½ ft.3.00 .10
2059. **Stricta Alba**. White, ½ ft.2.00 .10
2060. **Stricta Rosea**. Rose, 1 ft.2.00 .10
2062. **Stricta Coelestina**. Blue, 1 ft.2.00 .10
2064. **Alpestris Victoria**. A beautiful variety of dwarf bushy habit, bearing a profusion of large flowers, ½ ft.2.50 .10
2068. **Alpestris**. Mixed, 1 ft.1.00 .05
2070. **Azorica Blue**. Double blue, 1 ft.15
2072. **Azorica Alba**. White, 1 ft.15
2074. **Palustris Semperflorens**. True Water Forget-Me-Not. Bright blue, ½ ft.4.00 .10
2076. **Palustris Semperflorens Alba**. White, ½ ft.15
2078. **Tom Thumb**. Blue, ¼ ft.25
2080. **Royal Blue**. ½ ft.1.50 .10



Nasturtiums

NICOTIANA.—The Nicotianas are free-blooming plants producing clusters of brilliantly colored fragrant tube-shaped flowers. Half-hardy annual.

| | Oz. | Pkt. |
|--|-----|------|
| 2090. <i>Affinis</i> . Pure white, 3 ft..... | .75 | .05 |
| 2091. <i>Alata</i> . Pink, 3 ft..... | .50 | .10 |
| 2093. <i>Atropurpurea Grandiflora</i> . Crimson, 4 ft..... | .40 | .10 |
| 2097. <i>Sanderae</i> . Carmine red, 3 ft..... | | .10 |
| <i>Sanderae Hybrids</i> . Collection of 8 varieties, 50c. | | |

NEMOPHILA.—Beautiful hardy annuals producing an abundance of bright bell-shaped flowers all summer. They grow best in moist, partly shaded situations.

| | | |
|-----------------------------------|-----|-----|
| 2086. <i>Insignis</i> . Blue..... | .30 | .05 |
| 2085. Mixed | .30 | .05 |

NEMESIA.—Plants of compact growth bearing a profusion of flowers throughout the summer. Hardy annual.

| | | |
|---|--|-----|
| 2081. <i>Hybrida</i> (Blue Gem). Blue, 1 ft..... | | .25 |
| 2083. <i>Strumosa Suttoni</i> . Many beautiful colors, 1½ ft..... | | .15 |

NIGELLA (Love-in-a-Mist).—An interesting annual with curious double flowers nestling in its feathery, bright green foliage. Hardy annual, 1 ft.

| | | |
|---|------|-----|
| 2105. <i>Miss Jekyll</i> . Blue | .75 | .10 |
| 2104. <i>Miss Jekyll</i> . Pure white, new..... | 1.00 | .10 |
| 2108. Mixed | .30 | .05 |

NASTURTIUM

(*Tropaeolum*)

BRECK'S RAINBOW NASTURTIUMS.—A great variety of soft and pleasing colors. The seed we offer is a selected strain and mixed in proper proportions so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted, one inch deep, early in April, in any convenient place, and the plants when large enough transplanted to their permanent places.

| Dwarf Varieties | | Oz. | Pkt. |
|---|----------|-----|------|
| 3040. <i>Aurora</i> . Yellow veined..... | | .20 | .05 |
| 3042. <i>Beauty</i> . Yellow and scarlet..... | | .20 | .05 |
| 3044. <i>Black</i> (King Theodore)..... | | .20 | .05 |
| 3046. <i>Bronze</i> | | .20 | .05 |
| 3048. <i>Coerulea Rosea</i> . Peach..... | | .20 | .05 |
| 3050. <i>Crimson</i> | | .20 | .05 |
| 3052. <i>Crystal Palace Gem</i> . Spotted..... | | .20 | .05 |
| 3054. <i>Cloth of Gold</i> . Yellow..... | | .20 | .05 |
| 3056. <i>Empress of India</i> . Dark leaved, crimson | ¼ lb. | .75 | .25 |
| 3058. <i>Golden King</i> . Yellow..... | | .25 | .10 |
| 3060. <i>King of Tom Thumbs</i> | | .20 | .05 |
| 3062. <i>Lady Bird</i> (Bird Flower). Orange red | | .20 | .05 |
| 3064. <i>Pearl</i> . White..... | | .20 | .05 |
| 3066. <i>Ruby King</i> . Carmine..... | | .20 | .05 |
| 3068. <i>Rose</i> | | .20 | .05 |
| 3070. <i>Scarlet</i> | | .20 | .05 |
| 3072. <i>Spotted</i> | | .20 | .05 |
| 3074. <i>Yellow</i> | | .20 | .05 |
| 3078. <i>Lilliput</i> . Mixed, ½ ft..... | | .25 | .05 |
| 3080. <i>Breck's Rainbow Mixture</i> . From Named sorts | Lb. 2.00 | .25 | .05 |
| Collection, 12 distinct varieties, 50c. | | | |

Tall or Climbing Sorts

| | | |
|---|-----|-----|
| 3090. <i>Atropurpureum</i> . Dark crimson..... | .20 | .05 |
| 3092. <i>Coccineum</i> . Scarlet..... | .20 | .05 |
| 3094. <i>Coeruleum Roseum</i> . Dark rose..... | .20 | .05 |
| 3096. <i>Dunnett's Orange</i> . Orange..... | .20 | .05 |
| 3098. <i>Edward Otto</i> . Lilac..... | .20 | .05 |
| 3100. <i>Heinemannii</i> . Chocolate..... | .20 | .05 |
| 3102. <i>Hemisphericum</i> . Orange..... | .20 | .05 |
| 3104. <i>King Theodore</i> . Maroon..... | .20 | .05 |
| 3106. <i>Luteum</i> . Yellow..... | .20 | .05 |
| 3108. <i>Moonlight</i> . Pale straw..... | .20 | .05 |
| 3110. <i>Regelianum</i> . Violet..... | .20 | .05 |
| 3112. <i>Scheuermannii</i> . Sulphur..... | .20 | .05 |
| 3114. <i>Scheuermannii Coccineum</i> . Yellow striped | .20 | .05 |
| 3116. <i>Sunlight</i> . Golden yellow..... | .20 | .05 |
| 3118. <i>Vesuvius</i> . Salmon, dark-leaved..... | .20 | .05 |
| 3124. <i>Rainbow Mixture</i> . From Named Sorts. | | |
| Collection, 12 colors, 50c. | | |

Lb. 2.00 .20 .05

LOBB'S NASTURTIUMS (*Tropaeolum Lobbianum*).—Are more delicate, smaller in flower and foliage than the others. Excellent for conservatories, hanging baskets, window boxes and house cultivation during winter.

| | | |
|---|-----|-----|
| 3130. <i>Tropaeolum Lobbianum</i> . Asa Gray, white | .40 | .10 |
| 3132. — (Brilliant). Scarlet..... | .40 | .10 |
| 3134. — (Crown Prince). Dark red..... | .40 | .10 |
| 3136. — (Giant of Battles). Carmine..... | .40 | .10 |
| 3140. — (Lili Smith). Crimson and scarlet.. | .40 | .10 |
| 3142. — (Lucifer). Dark crimson..... | .40 | .10 |
| 3144. — (Napoleon III). Striped..... | .40 | .10 |
| 3146. — (Roi des Noirs). Black..... | .40 | .10 |
| 3148. — (Spitfire). Scarlet..... | .40 | .10 |
| 3150. — Yellow | .40 | .10 |
| 3154. — Mixed | .40 | .10 |
| Collection, 12 colors, 1.00. | | |
| 3158. <i>Mme. Gunthers Hybrids</i> . Mixed..... | .25 | .05 |
| 3160. <i>Peregrinum</i> (Canary Bird Flowers). Yellow | .40 | .10 |

2100. **NIEREMBERGIA FRUTESCENS**.—A handsome plant with showy bell-shaped flowers; useful as a pot-plant or in the open border. Tender perennial. Lilac, 1 ft. 1.00 .05

NYPHÆA (Water Lily).—Plant seed in March in a cup containing 3 inches of soil and fill up with water; place in a temperature of 70 degrees. When large enough in June move to tubs or pools of water outdoors. Tender perennial.

2115. **Odorata Alba** (White Pond Lily)..... .25
 2118. **Odorata Rosea** (Cape Cod Pink)..... .25
 2120. **Zanzibariensis Azurea**. Blue..... .25
 2122. **Zanzibariensis Rosea**. Rose..... .25

ÆNOTHERA (Evening Primrose).—An attractive family of perennials worthy of more general cultivation.

Hardy Perennial Varieties

2132. **Fraseri**. Yellow, 1½ ft.10
 2133. **Lamarckiana**. Yellow, 1½ ft.40 .10
 2134. **Youngii**. A very showy variety with large bright yellow flowers all the summer. .10
 2135. **Perennial Varieties Mixed**..... .10

Annual Sorts

2139. **Rosea Mexicana**. Rose, ¾ ft. 1.50 .05
 2140. **Annual Varieties Mixed**..... .40 .05
 2145. **OROBUS**.—Showy perennials, having handsome pea-shaped flowers. Mixed..... .10

OXALIS.—Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rock-work, hanging baskets, vases, etc. Half-hardy perennial, ½ ft.

2152. **Tropaeoloides**. Yellow..... .10

PANSY

(*Viola Tricolor*)

The Pansy is one of our specialties. For size and form of flowers, variety and brilliancy of colors and markings, nothing approaches it. Breck's Boston Prize is imported by us from the most experienced growers. The flowers are large, wonderful in their coloring, and unsurpassed by any other mixture. The English and Scotch Prize Pansies are remarkably fine; they are from the finest collections in these countries.

Our Trimardeau Pansies embrace the cream of that type, and will give perfect satisfaction in every particular.

Pansies delight in a cool, moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring, seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although the flowers produced are not so large.

Oz. Pkt.

BRECK'S GIANT MATCHLESS

3241. An excellent exhibition strain. Flowers are very large, of great substance with a wide range of the richest colors. A variety unsurpassed for frame culture and does equally as well out doors. \$1.00 pkt.

3250. **Breck's Boston Prize**. Mixed. ¼ oz. 2.00 10.00 .25
 3252. **Breck's International Prize**. Mixed..... 6.00 .15
 3254. **Bugnot's Private Strain**. Mixed..... 8.00 .25
 3256. **Bugnot's Blotched**. Mixed..... 7.00 .25
 3260. **Cassier's Giant Odier**. Mixed..... 6.00 .25
 3266. **English Fancy, Show**. Mixed..... 5.00 .25
 3268. **Scotch Prize**. Mixed.....¼ oz. 2.00 .25
 3274. **Madame Perret**. Red and Wine shades 3.00 .15



Pansies

3276. **Masterpiece**. Enormous flowers undulated or curled, fine rich colors..... 5.00 .25
 3278. **Triumph of the Giants**..... ¼ oz. 2.00 .25

TRIMARDEAU, or GIANT.

3292. **Atropurpurea**. Purple..... 2.50 .15
 3294. **Cornflower Blue**. Blue..... 3.00 .15
 3296. **Fire King**. Yellow and crimson..... 3.00 .15
 3298. **Golden Yellow**. Pure yellow..... 3.00 .15
 3300. **Golden Five-Spotted**. Variegated..... 8.00 .25
 3304. **Pure White** 2.50 .15
 3306. **Lord Beaconsfield**. Violet, shading to white 2.50 .15
 3310. **Red and Brown Shades**..... 2.50 .15
 3312. **Striped** 2.50 .15
 3314. **Violet Blue** 4.00 .15
 3316. **Yellow Marbled**. Variegated..... 3.00 .15
 3318. **White**. Dark eye..... 3.00 .15
 3320. **Trimardeau, or Giant**. Mixed..... 2.50 .10

Large-Flowering Varieties

3330. **Azure Blue** 2.00 .10
 3332. **Yellow**. Black eye..... 3.00 .10
 3334. **Bronze** 3.00 .10
 3336. **Brown** 3.00 .10
 3338. **Candidissima** (Snow Queen). White... 3.00 .10
 3340. **Cardinal**. Red 3.00 .10
 3344. **Cornflower Blue**. Blue..... 3.00 .10
 3348. **Faust, or King of Blacks**..... 2.00 .10
 3350. **Gold Margined** 2.00 .10
 3352. **Havana Brown** 3.00 .10
 3356. **Mahogany Color** 3.00 .10
 3368. **Choice Mixed** 2.00 .10
 3370. **Fine Mixed** 1.50 .05
 Collection 12 colors, 50c.
 Collection 6 colors, 30c.

TUFTED PANSIES (*Viola Cornuta*).—Elegant free-blooming plants, exceptionally good for shady beds or borders.

3380. **Admiration**. Dark blue..... 3.00 .10
 3381. **Lutea Splendens**. Golden yellow..... 3.00 .10
 3382. **Mauve Queen**. Mauve..... 3.00 .10
 3384. **Magnificent**. Light blue..... 3.00 .10
 3386. **White Perfection**. Pure white..... 3.00 .10
 3280. **Choice Mixed** 2.00 .10



Single Petunia

PETUNIA

Free-flowering, sweet-scented and easily cultivated. They are well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. Breck's Prize is an exceedingly fine strain of large fringed flowers that produces a large percentage of doubles. We call special attention to the collections offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.

Single Large-Flowering Petunias

- 2341. Breck's New Giant Exhibition Strain. The quality of this strain is unrivalled, the flowers being gigantic in size, beautiful in shape, deep-throated, and of various and brilliant colors. Oz. Pkt. .50
- 2343. Breck's Ruffled Giants. A splendid selection of single fringed petunias, flowers of extraordinary size and substance.50
- 2344. Giants of California. Flowers very large, and superb colors with deep yellow throat.25
- 2339. Hybrida Superbissima "Nana." About 15 inches high, in a compact form. Flowers large and substantial, wonderful rich and varied colorings.25
- 2340. Superbissima Choicest Mixed. Very large flowers beautifully veined in the throats25

Double Large-Flowering Petunias

- 2350. Breck's Prize Double Mixed. A magnificent strain. Will produce a large percentage of double flowers of the largest fringed varieties in a large variety of colors and tints.75
- 2346. Choice Double Mixed.25

Single Bedding Petunias

- 2330. Alba. Pure white. ¼ oz. 1.00 .10
- 2337. Pink ¼ oz. 1.00 .10
- 2336. Kermesina. Crimson. ¼ oz. 1.00 .10
- 2338. Purple King. 1.00 .10
- 2333. Snowball. A dwarf compact variety, producing satiny white flowers. 3.00 .10
- 2325. Rosy Morn. Light pink with white throat, makes a very dainty and effective border ¼ oz. 1.50 .10
- 2364. Striped and Blotched. The flowers are beautifully striped and blotched. The plants are dwarf. Fine for massing. 1.25 .10

Double Petunia

- 2366. Howard's Star. Rich crimson with a distinct white star in center. . . . ¼ oz. 1.00 .15
- 2370. Choice Single Mixed. A good mixture for bedding, baskets, vases, etc. 1.50 .10
- 2374. Fine Mixed. Good bright colors.75 .05
- Collection of 6 varieties, large-flowered, Single, 60c.
- Collection of 6 varieties, large-flowered, Double, 60c.

**PHLOX
(Drummondii)**

An extremely beautiful class of plants producing an abundance of bloom throughout the summer. The flowers, which are borne in immense trusses, are found in a variety of beautiful colors. The plants make a most wonderful and effective display when grown in large beds and masses. Hardy annuals.

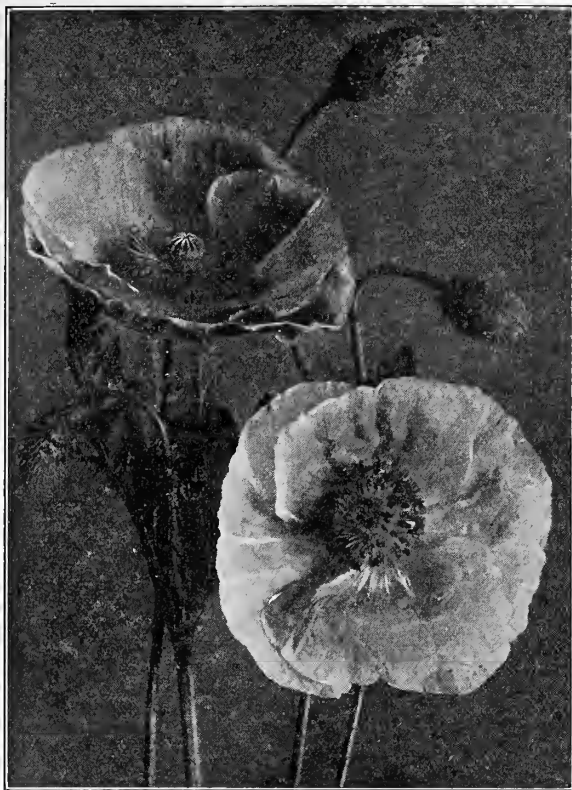
- 2390. White 1.50 .10
- 2391. Blush Pink. 1.50 .10
- 2392. Dark Scarlet. White eye. 1.75 .10
- 2394. Striped 1.50 .10
- 2396. Scarlet 1.50 .10
- 2398. Yellow 1.50 .10
- 2400. White. With purple eye. 1.75 .10
- 2402. Pink 1.50 .10
- 2406. Blood Red (Black Warrior). 2.00 .10
- 2410. Mixed, Breck's Prize Strain. Mixed from the most beautiful and brilliant colors 1.50 .10
- 2414. Cuspidata (Star Phlox). Finest mixed, star-shaped flowers with pointed petals. . . . 2.00 .10

¼ oz. Pkt.

- 2418. Nana Compacta (Snowball). 6 inches.75 .15
- 2420. Nana Compacta (Fireball). 6 inches.75 .15
- 2422. Double Red75 .15
- 2424. Double White75 .15
- 2426. Double Yellow75 .15
- 2428. Double Mixed75 .10

Perennial Varieties

- 2430. Decussata Mixed75 .15
- 2436. Decussata Nana Mixed 1.00 .15
- PAEONY.—A well known perennial especially suitable for massing, and for combination with shrubbery, 2 ft. Oz. Pkt.
- 2160. Double Mixed 2.00 .15
- 2162. Single Mixed 1.00 .10
- PASSIFLORA (Passion Flower).—A handsome rapid-growing vine which bears interesting flowers freely throughout the summer. Tender perennial.
- 2280. Coerulea. Blue, 30 ft.10



Shirley Poppy

POPPY
(Papaver)

Quite a number of the perennial varieties bloom the first year from seed if sown early. Our new strain of Shirley produces softer and more pleasing shades than we have offered hitherto. Sowings in May, and again several times during spring, produce a continuous bloom from early summer until frost. The seed should be sown where the plants are to bloom, as Poppies do not take kindly to transplanting. Cover seed very lightly, and firm the soil with a flat board. When large enough thin out the plants. A sandy loam and early spring sowings produce the best flowers.

Single Annual Varieties

| | Oz. | Pkt. |
|--|------|------|
| 2258. Shirley, Breck's Selected Mixed. An extra choice strain of these charming poppies. We pay special attention to the selection of colors which contain pure white, pink, terra cotta, salmon, chamois, rosy carmine to deepest crimson, and rosy red. Many of the flowers are beautifully flaked or edged with white. 1½ ft.....¼ lb. 1.25 | .50 | .05 |
| 2260. Shirley, Dwarf Mixed. 1 ft..... | 1.00 | .10 |
| 2202. Danebrog (Danish Flag). Single scarlet flowers with a large white blotch on each petal, 2 ft..... | .35 | .05 |
| 2257. English Scarlet Field Poppy. The single Poppy so much admired by tourists in Europe where it grows wild on railroad banks and in the fields.....¼ lb. 1.50 | .50 | .05 |
| 2204. Glaucum (Tulip Poppy). Dazzling scarlet, 1 ft..... | .50 | .05 |
| 2208. Maid of the Mist. Beautiful single fringed, white, 2 ft..... | .50 | .05 |
| 2212. Mephisto. Scarlet with black spots, 2 ft. | .40 | .05 |
| 2218. Miss Sherwood. Satiny white, shading to bright rose, 2½ ft..... | .75 | .10 |
| 2252. Pavonium (Peacock Poppy). Scarlet with black zone..... | 1.00 | .10 |
| 2171. Picotee. Beautiful white, with well defined crimson edge..... | | .15 |

| | | |
|---|-----|-----|
| 2266. Umbrosum (Caucasian Poppy). Crimson with a black spot on each petal, 1½ ft..... | .40 | .05 |
|---|-----|-----|

Double Annual Varieties

| | | |
|---|-----|-----|
| 2194. Cardinal. Double scarlet. A splendid dwarf variety which has large globular flowers of an intense scarlet red, 1½ ft..... | .60 | .10 |
| 2196. Cardinal Hybridum. Double mixed, 1½ ft..... | .40 | .05 |
| 2198. Carnation Flowered. Double mixed. The flowers of this variety are large and finely fringed, 2 ft..... | .40 | .05 |
| 2200. Chinese. Finest mixed. Double, globe-shaped with slender wavy petals, varying from pure white to dark scarlet, 1 ft..... | .50 | .05 |
| 2210. May Campbell. Double white, 1½ ft... | .50 | .05 |
| 2216. Mikado (Striped Japanese Poppy). Scarlet and white. This magnificent poppy is like a Japanese Chrysanthemum. The flowers are brilliant scarlet and white, with elegant curved petals, 1 ft..... | .60 | .05 |
| 2254. Paeony Flowered. Mixed. Immense, showy, double globular flowers resembling a double paeony. 1½ ft..... | .40 | .05 |
| 2256. Ranunculus-flowered. Mixed. A beautiful race of poppies with bright, double flowers having paper-like petals. 2 ft..... | .40 | .05 |
| 2270. White Swan. Pure white, beautifully fringed, 2 ft..... | .50 | .05 |
| 2192. "Boston Peerless." Double and single mixed. A wonderful variety of brilliant, dazzling colors. 2 ft.....¼ lb. 1.50 | .50 | .10 |
| Collection Carnation-Flowered, 6 colors, 25c. | | |
| Collection Paeony-Flowered, 6 colors, 25c. | | |
| Collection Single-Flowered, Shirley, 12 colors, 50c. | | |

Perennial Varieties

ALPINUM.—A charming little poppy with bright flowers resembling those of Papaver Nudicaule but dwarfed. Splendid for sunny borders or rock-work. 1 ft.

| | |
|----------------------------|-----|
| 2180. Album. White | .15 |
| 2182. Roseum. Rose | .15 |
| 2184. Scarlet | .15 |
| 2186. Yellow | .15 |
| 2188. Mixed | .15 |
| 2190. Fringed. Mixed | .15 |

NUDICAULE (Iceland Poppy).—This beautiful dwarf perennial poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems. It is especially desirable as a border plant and useful for cutting. 1½ ft.

| | Oz. | Pkt. |
|--------------------------------------|-----|------|
| 2220. Yellow | .50 | .10 |
| 2222. Alba. White | .50 | .10 |
| 2224. Aurantiacum. Orange | .50 | .10 |
| 2226. Scarlet | .50 | .10 |
| 2228. Striped | .50 | .10 |
| 2230. Coccineum. Double scarlet..... | .50 | .10 |
| 2232. Fl. Pl. Double yellow..... | .50 | .10 |
| 2234. Mixed, Single.....Oz. 1.00 | | .10 |

ORIENTAL POPPY.—Large-flowered showy perennials.

| | | |
|---|------|-----|
| 2236. Orientale. Orange scarlet flowers, having a conspicuous black blotch on each petal, 2 ft..... | 1.50 | .10 |
| 2238. Blush Queen. Large, pink, 2 ft..... | 3.00 | .15 |
| 2240. Bracteatum. Brick scarlet 3 ft..... | 1.00 | .10 |
| 2235. Beauty of Livermore. Crimson with dark blotch | 3.00 | .10 |
| 2242. Queen Alexandra (Rosy salmon with crimson blotch) | 4.00 | .20 |
| 2244. Apricot Queen | 1.25 | .10 |
| 2246. Parkmanni. Deep scarlet, 2 ft..... | 1.50 | .15 |
| 2251. Orientale Hybrids. Splendid mixture.. | 2.00 | .10 |
| Collection, 12 perennial varieties, 60c. | | |

| | | |
|---|------|------|
| PENNISSETUM. —One of the most beautiful ornamental grasses. Hardy annual, 1½ ft. | Oz. | Pkt. |
| 2300. <i>Longistylum</i> | | .10 |
| 2302. <i>Ruppelianum</i> | | .10 |
| PENTSTEMON. —Beautiful plants with broad green foliage and spikes of long, tubular flowers. The colors are pink, scarlet, purple and white. Plants bloom from seed the first year if sown indoors in March. 2 ft. | | |
| 2306. <i>Grandiflorus</i> Newest Hybrids. The best strain for cutting..... | | .25 |
| 2308. <i>Digitalis</i> . Spotted..... | | .10 |
| 2310. <i>Gloxinoides</i> (Sensation). Giant Gloxinia-Flowered type. The colorings and markings are wonderful..... | | .20 |
| 2315. PERILLA NANKINENSIS. —Ornamental annuals with dark purple leaves resembling those of coleus; useful for beds and borders | .25 | .05 |
| 2380. PHACELIA CAMPANULARIA. —An early-flowering hardy annual with pretty blue flowers | 1.00 | .10 |
| 2440. PHORMIUM TENAX FOLIIS VARIEGATIS (New Zealand Flax).—An exceedingly handsome and curious plant with variegated sword-shaped leaves and orange colored flowers produced on long spikes well above the foliage. A magnificent plant for lawn decoration. Orange, 8 to 10 ft. high..... | | .25 |
| 2445. PHYSALIS FRANCHETI (Chinese Lantern).—An interesting plant, grown for its bright orange-red fruit. 2 ft..... | 1.00 | .10 |
| PHYSOSTEGIA (False Dragonhead).—Elegant, bushy plant, suitable for the border, bearing spikes of pink, white, purple and red flowers throughout the season. Excellent for cutting. 2 ft. | | |
| 2450. <i>Speciosa</i> . Purple | | .10 |
| 2451. <i>Virginica</i> . Rose pink..... | | .10 |
| 2452. <i>Virginica</i> . <i>Grandiflora Alba</i> . White... | | .15 |
| 2454. POA AMABILIS (Abyssinian Grass).—Hardy annual, 2 ft..... | | .10 |
| POLEMONIUM (Jacob's Ladder).—A handsome border plant with feathery, fern-like foliage and clusters of bell-shaped flowers. Hardy perennial. 2 ft. | | |
| 2455. <i>Grandiflorum Coeruleum</i> . Blue..... | .50 | .10 |
| 2456. <i>Grandiflorum Album</i> . White..... | .75 | .10 |
| 2457. <i>Flavum</i> . Yellow..... | | .10 |
| 2458. <i>Richardsonii</i> . Double blue..... | | .10 |

PORTULACA

Beautiful little plants which bloom profusely all summer. Their richly-colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy annual, ½ ft.

| | | |
|--|------------|-----|
| 2464. <i>Grandiflora</i> . Single scarlet..... | .75 | .10 |
| 2465. ————striped | .75 | .10 |
| 2466. ————white | .75 | .10 |
| 2467. ————pink | .75 | .10 |
| 2468. ————yellow | .75 | .10 |
| 2469. ————crimson | .75 | .10 |
| 2470. ————mixed | ¼ lb. 1.50 | .05 |
| Collection of 6 colors, 50c. | | |
| 2474. <i>Grandiflora</i> Double mixed, producing a large percentage of double flowers..... | 4.00 | .15 |
| Collection of 6 colors, 50c. | | |
| POTENTILLA. —Very useful border plants with handsome foliage and showy flowers. Hardy perennial, 1½ ft. | | |
| 2480. Double. Mixed..... | | .10 |
| 2482. Single. Mixed..... | | .05 |



Primula Chinensis

PRIMULA

Breck's Superb Strains

CHINENSIS (Chinese Primrose).—The most suitable periods for sowing *Primula Chinensis* are April and May for autumn, and June and July for spring blooming. Shallow pans, well drained, are the best. The soil should consist of leaf mould and sandy loam, worked through a fine sieve. The pans, when thus prepared should be well watered before the seed is sown. Tender biennial, ¾ ft.

| | | |
|--|--|-----|
| 2490. Breck's Superb Giant Mixed. Including the following Giant Varieties and many others not catalogued..... | | .50 |
| 2491. <i>Giant Alba</i> ("Pure White"). A grand variety of enormous size and great substance | | .50 |
| 2492. <i>Giant Crimson</i> . A gorgeous shade of crimson | | .50 |
| 2493. <i>Giant Queen Mary</i> . A lovely shade of rose pink | | .50 |
| 2494. <i>Giant Pink</i> . One of the best for indoor decoration, the color being a delicate carmine-pink | | .50 |
| 2496. <i>Giant Queen Alexandra</i> . Giant white flowers, 2½ inches across; petals are very solid and erect..... | | .50 |
| 2497. <i>Giant Rubra</i> . Immense red flowers of great substance..... | | .50 |
| 2498. <i>Giant Salmon</i> . An exquisite color..... | | .50 |
| 2500. <i>Alba Magnifica</i> . Pure white with yellow eye, densely fringed..... | | .50 |
| 2502. <i>Brilliant King</i> . Flowers are large and erect, forming a pyramid of beautiful rich crimson flowers..... | | .50 |
| 2504. <i>Chiswick Red</i> . An improved strain..... | | .50 |
| 2505. <i>Coerulea Magnifica</i> . Blue..... | | .50 |
| 2506. <i>Delicate Rose</i> . A charming shade of rose pink..... | | .50 |
| 2509. <i>His Majesty</i> . Beautiful dark crimson... | | .50 |
| 2510. <i>Orange King</i> . Orange-salmon..... | | .50 |

PRIMULA (Continued)

| | | |
|--|-----|------|
| 2512. Queen of the Whites. Very large blooms | Oz. | Pkt. |
| 2514. Rose Carmine. Very fine rich color.... | | .50 |
| 2515. Ruby Queen. Finest deep red..... | | .50 |
| 2516. Sutton's Duchess. Pure white..... | | .50 |

STELLATA (Star Primula).

| | | |
|---|--|-----|
| 2517. <i>Hybrida</i> "Suttoni." Pure white..... | | .25 |
| 2518. <i>Hybrida</i> Choice Mixed..... | | .25 |

OBCONICA.—A most useful and decorative section. To obtain good plants for winter and early spring flowering the seed should be sown in warmth in April or May, and wintered in a cool greenhouse or frame. *Gigantea* is a larger flowering type than *Grandiflora* but not so free.

| | | |
|--|--|-----|
| 2530. <i>Gigantea</i> Album. Pure white..... | | .50 |
| 2532. <i>Gigantea</i> Pink | | .50 |
| 2528. <i>Gigantea</i> Kermesina. Rich crimson.... | | .50 |
| 2525. <i>Gigantea</i> Oculata. Lilac-pink, brown eye | | .50 |
| 2534. <i>Gigantea</i> Rosea. Pure rose color..... | | .25 |
| 2538. <i>Gigantea</i> Sanguinea. Scarlet..... | | .25 |
| 2540. <i>Grandiflora</i> Alba. Pure white..... | | .25 |
| 2536. <i>Grandiflora</i> Coerulea. Blue..... | | .25 |
| 2524. <i>Grandiflora</i> Multiflora Compacta. Delicate pink..... | | .50 |
| 2526. <i>Grandiflora</i> Hybrids. Mixed..... | | .25 |

Various Primulas

| | | |
|--|--|-----|
| 2484. <i>Malacoides</i> Alba | | .50 |
| 2485. <i>Malacoides</i> Lilac | | .25 |
| 2487. <i>Malacoides</i> Rosea | | .50 |
| 2486. <i>Kewensis</i> . Bright yellow. Flowers nearly 1 inch in diameter. A splendid winter-flowering plant..... | | .50 |

Half-Hardy Perennial Varieties

These so-called hardy sorts require a cold frame or other protection during the winter. They do best in a northern exposure. All are very beautiful and useful for garden and pot culture.

| | | |
|--|--|-----|
| 2545. <i>Auricula</i> Alpina. Mixed, ½ ft..... | | .25 |
| 2546. <i>Japonica</i> (Japanese Mixed). 2 ft..... | | .15 |
| 2550. <i>Veris</i> Giant Fancy (<i>Polyanthus</i>). Mixed, 1 ft..... | | .25 |
| 2554. <i>Veris</i> Gold Laced. Yellow, 1 ft..... | | .15 |
| 2556. <i>Veris</i> Elatior (<i>Cowslip</i>). Mixed, 1 ft.... | | .10 |
| 2558. <i>Yellow English</i> (<i>Vulgaris</i>)..... | | .15 |
| 2560. <i>Mixed Hardy Sorts</i> | | .10 |

PYRETHRUM

Very beautiful hardy perennials with large, showy flowers and fine-cut foliage. Very desirable for beds and borders and useful as cut flowers.

Flowering Varieties

| | | |
|---|--|-----|
| 2580. <i>Atrosanguineum</i> . Red, 2 ft..... | | .10 |
| 2586. <i>Roseum</i> Single Hybrids. Mixed, 2 ft.... | | .15 |
| 2588. <i>Roseum</i> Double Hybrids. Mixed, 2 ft.... | | .25 |
| 2582. <i>Uliginosum</i> . White, 3 ft..... | | .10 |

Foliage Varieties

Half-hardy perennials but best treated as half-hardy annuals. Sow in March.

| | | |
|---|------|-----|
| 2570. <i>Aureum</i> (Golden Feather). Golden yellow foliage, invaluable for summer bedding, 1 ft..... | 1.00 | .05 |
| 2572. <i>Aureum</i> (Golden Gem)..... | 1.00 | .10 |
| 2576. <i>Aureum</i> <i>Selaginoides</i> | 2.00 | .10 |

RHODANTHE.—Neat, slender plants bearing graceful, nodding heads of everlasting flowers. Hardy annual, 1½ ft.

| | | |
|------------------------------------|------|-----|
| 2596. <i>Mixed</i> | 1.00 | .05 |
| 2598. <i>Manglesii</i> . Rose..... | 1.00 | .05 |

RICINUS

(Castor Oil Plant)

Rather coarse, tender plants of remarkably rapid growth, attaining a height of from 5 to 15 feet. The stems and enormous palm-like leaves are of beautiful and varied colors. Much used in sub-tropical gardens and as a background for other plants. Half-hardy annual.

| | | |
|---|-----|-----|
| 2600. <i>Borboniensis</i> . Large dark green foliage, 15 ft. | .20 | .05 |
| 2602. <i>Cambodgensis</i> . Best dark leaved sort, 6 ft. | .20 | .05 |
| 2604. <i>Coerulescens</i> . Bluish green foliage, 10 ft. | .20 | .05 |
| 2606. <i>Gibsoni</i> . Very dark purple stems and foliage, 8 ft..... | .35 | .10 |
| 2608. <i>Philippinensis</i> . Purple foliage, 6 ft.... | .20 | .05 |
| 2610. <i>Sanguineus</i> . Red foliage, 7 ft..... | .20 | .05 |
| 2612. <i>Zanzibariensis</i> <i>Maculatus</i> . Bronze, changing to dark red, 10 ft..... | .20 | .05 |
| 2614. <i>Zanzibariensis</i> <i>Mixed</i> . A distinct species from East Africa, growing to a large size, and varying in color from pale green to brownish purple..... ¼ lb. | .75 | .25 |
| 2618. <i>Mixed</i> | .40 | .15 |
| 2624. ROSA MULTIFLORA NANA (<i>Dwarf Polyanthus</i> Rose).—Flowers first season from seed. Hardy perennial..... | | .25 |

RUDBECKIA.—Free-flowering plants with large showy flowers, growing well in almost any soil or situation; good for cutting.

Annual Varieties

| | | |
|--|-----|-----|
| 2630. <i>Amplexicaulis</i> . Pure golden yellow, ¼ oz. 2 ft. | .50 | .05 |
| 2632. <i>Bicolor</i> <i>Superba</i> . Yellow with purple markings, 2 ft..... | .60 | .10 |

Hardy Perennial Varieties

| | | |
|---|------|-----|
| 2636. <i>Fulgida</i> (<i>Cone Flower</i>). Orange yellow, 4 ft. | 1.00 | .10 |
| 2638. <i>Newmanni</i> . Yellow with maroon centre, 3 ft. | 2.00 | .10 |
| 2680. SANVITALIA PROCUMBENS, FL. PL. —A pretty dwarf annual with yellow flowers, suitable for beds and rock-work. Yellow, ½ ft. | 1.00 | .10 |

SAPONARIA.—Charming little plants producing numerous showy flowers all the season. Fine for beds and ribbon borders. Hardy annual, 1 ft.

| | | |
|---|-----|-----|
| 2686. <i>Calabrica</i> . Pink..... | .30 | .05 |
| 2688. <i>Calabrica</i> <i>Alba</i> . White..... | .30 | .05 |
| 2690. <i>Calabrica</i> . Mixed..... | .30 | .05 |

| | | |
|---|------|-----|
| 2736. SCHIZOPETALON WALKERI. —Beautiful fringed flowers, with a delicious almond perfume. White, ¾ ft..... | 1.00 | .10 |
|---|------|-----|

SEDUM (*Stonecrop*).—Dwarf-growing annual or biennial plants with fleshy leaves, bearing clusters of small flowers. Much used for carpet-bedding, edging, and rock-work.

| | | |
|--|--|-----|
| 2740. <i>Coeruleum</i> . Blue..... | | .10 |
| 2742. <i>Sempervivoides</i> . Scarlet..... | | .10 |
| 2744. <i>Mixed</i> | | .10 |

| | | |
|---|--|-----|
| 2751. SENECIO CLIVORUM. —A handsome perennial with rich orange-yellow flowers and large leaves. Well adapted for growing by the sides of lakes and streams. 4 ft.... | | .25 |
|---|--|-----|

| | | |
|--|--|-----|
| 3005. SHAMROCK, TRUE IRISH (<i>Trifolium Minus</i>).—Hardy biennial | | .10 |
|--|--|-----|

SILENE (*Catchfly*).—Attractive annuals, producing numerous heads of bright colored flowers, useful for cutting.

| | | |
|---|-----|-----|
| 2760. <i>Armeria</i> . Mixed, 2 ft..... | .40 | .05 |
| 2762. <i>Pendula</i> <i>Rosa</i> . Rose, 1 ft..... | .30 | .05 |
| 2766. <i>Pendula</i> <i>Double</i> <i>Rose</i> . ½ ft..... | .30 | .05 |
| 2768. <i>Pendula</i> <i>Double</i> <i>White</i> . ½ ft..... | .30 | .05 |
| 2770. <i>Pendula</i> <i>Double</i> <i>Mixed</i> . ½ ft..... | .30 | .05 |



Salpiglossis

SALPIGLOSSIS

The Salpiglossis is a beautiful garden annual. The magnificent flowers, large and funnel-shaped, present an extremely pleasing variety of colors in mottled, veined and self-colored forms. They require good rich soil, and will amply repay in glorious effect good care and treatment.

BRECK'S CHOICE STRAIN.—This we believe to be the finest strain yet produced; very large flowers beautifully pencilled and veined, in rich shades of crimson, purple and yellow.

| | ¼ oz. | Pkt. |
|--|-------|------|
| 2650. Crimson | .50 | .15 |
| 2651. Light Blue. Veined with gold..... | .50 | .15 |
| 2652. Pink | .50 | .15 |
| 2653. Primrose | .50 | .15 |
| 2654. Purple. Gold veined..... | .50 | .15 |
| 2656. White. Gold veined..... | .50 | .15 |
| 2657. Breck's Named Varieties. Mixed..... | .50 | .10 |
| 2644. Emperor Choice Mixed | .50 | .10 |
| 2646. Grandiflora Tall Mixed | .50 | .10 |
| 2648. Dwarf Mixed | .50 | .10 |

SCHIZANTHUS (Butterfly Flower).—Dainty, erect, hardy annual plants with finely cut leaves and showy butterfly-like flowers; valuable for pot-culture and for bedding. 1½ ft.

| | Oz. | Pkt. |
|---|------|------|
| 2730. Mixed | 1.00 | .10 |
| 2732. Wisetonensis. Flowers delicate shades of white, pink, rose and crimson..... | | .25 |
| 2733. Excelsior. A mammoth-flowered strain of Wisetonensis with markings and colorings such as are found in fancy Pelargoniums. The flowers have white, buff, or rose ground colors. Unsurpassed for winter greenhouse culture | | .50 |

2050. **SMILAX** (Myrsiphyllum Asparagoides). A handsome greenhouse climbing vine with delicate, dark green foliage; very useful for decorative purposes. Tender perennial, white

.75 .10

SALVIA

(Flowering Sage)

Salvias are extremely popular and satisfactory bedding plants. The extreme brilliancy and abundance of their flowers combined with their graceful branching habit makes them one of the most gorgeous and effective late summer and autumn-flowering plants. Seed should be sown in the greenhouse or hotbed during February or March in a temperature of from 60 to 70 degrees. Cover the seed to a depth of only four times their size and press firmly with a board. Water with a fine spray as needed, never allowing them to dry out. Transplant to small pots when 2 or 3 leaves have formed. Set out in the open border when all danger from frost is passed.

Oz. Pkt.

| | | |
|---|------|-----|
| 2658. Splendens, Bonfire (Scarlet Sage). Extremely handsome and effective variety producing large spikes of bright scarlet flowers. hhP, 2 ft..... | 4.00 | .20 |
| 2670. Splendens. Elegant tall-growing variety with immense flower spikes of dazzling scarlet. hhP, 3 ft..... | 2.50 | .10 |
| 2672. Splendens, Triumph. Robust early-flowering sort with scarlet flowers. hhP, 2 ft..... | 4.00 | .15 |
| 2674. Zurich. A splendid dwarf variety producing an abundance of long brilliant scarlet flower spikes throughout the summer. hhP, 1 ft..... | .75 | .25 |
| 2666. Patens. Splendid type with intense bright blue flowers. hhP, 2 ft..... | | .25 |
| 2786. SOLIDAGO LATIFOLIA (Goldenrod).—Hardy perennial producing large heads of deep golden-yellow flowers, often more than a foot long; blooms late in summer. 3 ft. | .70 | .05 |
| 2790. STACHYS LANATA (Lamb's Ears).—Hardy perennial with silvery-white leaves, much used in ribbon borders and edgings. 1½ ft..... | .50 | .05 |



Salvia



Scabiosa

SCABIOSA
(Mourning Bride)

Throughout the season these beautiful plants produce large double flowers on long slender stems. Splendid for decorative purposes.

Annual Varieties

| | Oz. | Pkt. |
|--|------|------|
| 2700. Breck's Special Mixture..... | 1.00 | .10 |
| 2701. Yellow | 1.00 | .10 |
| 2702. Purple | 1.00 | .10 |
| 2704. White | 1.00 | .10 |
| 2706. Cherry Red | 1.00 | .10 |
| 2708. Flesh Pink | 1.00 | .10 |
| 2710. King of the Blacks..... | 1.00 | .10 |
| 2712. Lavender (Azure Fairy). Rich pale blue, a beautiful color..... | 2.00 | .10 |
| 2714. Pompadour. Claret edged with white.. | 1.00 | .10 |
| 2716. Tall Double Mixed..... | .60 | .05 |
| 2720. Dwarf Yellow | 1.00 | .10 |
| 2722. Dwarf White Victoria..... | 1.00 | .10 |
| 2724. Dwarf Mixed | .75 | .05 |

Perennial Varieties

| | | |
|--|-------|----------|
| 2726. Caucasica Alba. A beautiful variety with large pure white flowers..... | | .20 |
| 2727. Caucasica Blue. A splendid variety similar to the preceding, having light blue flowers | ¼ oz. | 1.00 .15 |
| 2728. Japonica. A very desirable hardy sort with delicate lavender blue flowers borne on long slender stems..... | | .15 |
| SOLANUM. —Extremely beautiful plants of compact, branching habit, producing numerous brilliant berries set among ornamental green leaves. Tender perennial, 2 ft. | | |
| 2780. Capsicastrum (Jerusalem Cherry). Orange | | .10 |
| 2782. Wetherell's Hybrids. Red shades..... | | .10 |
| STIPA. —Ornamental grass-like plants with feathery plumes of flowers; useful for massing in borders. Hardy perennial, 2 ft. | | |
| 2812. Elegantissima | | .10 |
| 2814. Pennata (Feather Grass)..... | | .10 |



Stock

STOCKS
(Gilliflower)

A magnificent group of plants extensively cultivated for both summer and winter decoration. The extreme beauty of their flowers and luxuriant foliage, combined with their neat, graceful habit, makes them one of the most popular and useful plants for pot culture and bedding purposes.

The seed we offer is all pot grown especially for us in Europe, by the foremost cultivators of this splendid plant, and may be relied upon to produce a large proportion of double flowers of exquisite beauty and great size.

BRECK'S GIANT PERFECTION.—An extremely beautiful strain of Stock, producing immense spikes of flowers in great profusion from mid-summer until frost. The flowers are unusually large and embrace a wide range of most beautiful and varied colors. 2 ft.

| | ½ oz. | Pkt. |
|---------------------------|-------|------|
| 2817. White | 1.50 | .15 |
| 2818. Canary Yellow | 1.50 | .15 |
| 2819. Light Blue | 1.50 | .15 |
| 2820. Dark Blue | 1.50 | .15 |
| 2821. Blood Red | 1.50 | .15 |
| 2822. Flesh Pink | 1.50 | .15 |
| 2823. Rosy Pink | 1.50 | .15 |
| 2824. Lavender | 1.50 | .15 |
| 2825. Crimson | 1.50 | .15 |
| 2826. Rosy Mauve | 1.50 | .15 |
| 2827. Scarlet | 1.50 | .15 |
| 2828. Mixed | 1.50 | .15 |

Collection of 8 varieties, \$1.00.
Collection of 6 varieties, 75c.

STOCKS (Continued)

BRECK'S LARGE-FLOWERING TEN WEEKS.—

A splendid early-blooming variety extensively used for pot culture and summer bedding. 1 ft.

| | ¼ oz. | Pkt. |
|----------------------------|-------|------|
| 2830. Crimson | 1.50 | .15 |
| 2832. Brilliant Rose | 1.50 | .15 |
| 2834. Canary Yellow | 1.50 | .15 |
| 2836. Deep Red | 1.50 | .15 |
| 2838. Dark Blue | 1.50 | .15 |
| 2840. Dark Purple | 1.50 | .15 |
| 2842. Light Blue | 1.50 | .15 |
| 2844. Light Rose | 1.50 | .15 |
| 2846. Scarlet | 1.50 | .15 |
| 2848. Snow White | 1.50 | .15 |
| 2850. Mixed | 1.25 | .15 |

Collection of 8 distinct colors, \$1.00.
Collection of 6 distinct colors, 50c.

BRECK'S IMPERIAL.—This very excellent class of ten-week Stocks has proved a great favorite, being extremely early, showing unusually large, pyramidal, and very double flower heads.

| | ½ oz. | Pkt. |
|------------------------|-------|------|
| 2864. Pure White | 1.50 | .15 |
| 2863. Light Blue | 1.50 | .15 |
| 2862. Yellow | 1.50 | .15 |
| 2865. Rose | 1.50 | .15 |
| 2867. Dark Blue | 1.50 | .15 |
| 2869. Mixed | 1.50 | .15 |

CUT-AND-COME-AGAIN.—A magnificent strain of graceful, branching plants which, when the first blooms are cut, throw out other shoots which continue to flower all summer. Fine for summer bedding. 1½ ft.

| | ¼ oz. | Pkt. |
|--|------------|---------|
| 2870. Pure White (Princess Alice)..... | 1.00 | .15 |
| 2872. Light Blue | 1.00 | .15 |
| 2873. Dark Blue | 1.00 | .15 |
| 2874. Shell Pink | 1.00 | .15 |
| 2875. Deep Pink | 1.00 | .15 |
| 2876. Scarlet | 1.00 | .15 |
| 2877. Crimson | 1.00 | .15 |
| 2878. Blood Red | 1.00 | .15 |
| 2879. Canary Yellow | 1.00 | .15 |
| 2882. Mixed | ¼ oz. 1.50 | .80 .10 |
| 2886. Giant Column Excelsior. White..... | | .15 |
| 2888. Giant Column Excelsior. Crimson..... | | .15 |
| 2890. Queen Alexandra. Immense double lilac-rose flowers | ½ oz. | .75 .15 |
| 2892. Giant White of Nice. Pure white..... | | .75 .15 |
| 2894. Beauty of Nice. Extra large spikes of delicate flesh-pink flowers..... | | .75 .15 |
| 2910. Early Autumnal. Mixed colors..... | | .10 |
| 2914. Brompton, or Winter Flowering. Mixed | | .15 |

STEVIA.—Exceedingly beautiful and useful plants producing graceful sprays of tiny flowers. Largely cultivated by florists for winter bouquets. Good for pot culture. Tender perennial, 1½ ft.

| | Pkt. |
|-----------------------------|------|
| 2806. Eupatoria. White..... | .10 |
| 2807. Serrata. White..... | .15 |
| 2808. Lindleyana. Rose..... | .10 |

STOKESIA (Cornflower Aster).—Attractive perennials bearing large Aster-like flowers about 3 inches across, blooming from August until frost. An excellent border plant. 1½ ft.

| | ¼ oz. | Pkt. |
|-------------------------------|-------|------|
| 2925. Cyanea. Blue | 1.00 | .10 |
| 2926. Cyanea Alba. White..... | 1.00 | .10 |

SUNFLOWER

(Helianthus)

The strong growth of these well-known plants makes them unsuitable for bedding; but they are very useful for massing in shrubbery or borders, and for screening purposes. They do well in sunny positions, in any kind of soil. Seeds may be sown in the open ground as soon as the weather is suitable, or indoors in March and April and later transplanted.

Single Annual Sunflowers

| | Oz. | Pkt. |
|--|-----|------|
| 1412. Cucumerifolius (Miniature Sunflower). Bears small, single, rich yellow flowers with black centre, from July till frost. Branching in habit and good for cutting. 4 ft..... | .60 | .05 |
| 1419. Giant Russian. The common tall sort with immense single flowers. 7 ft..... | .10 | .05 |
| 1422. Henry Wilde. Orange with black centre. 3 ft..... | .60 | .05 |
| 1421. Orion. Artistic and effective variety with Cactus-Dahlia-like flowers of a golden yellow shade. 4 ft..... | .50 | .05 |
| 1423. Stella (Improved Miniature Sunflower). Larger and better flowers than Cucumerifolius. Color, golden-yellow with black disc. 4 ft. | .50 | .05 |

Double Annual Sunflowers

| | | |
|--|-----|-----|
| 1411. Californicus. Large double flowers of perfect form. 4 ft..... | .30 | .05 |
| 1415. Globulus Fistulosus (Globe, or Dahlia Sunflower). Large double flower of a rich saffron color. 4 ft..... | .50 | .05 |

Hardy Perennial Sunflowers

| | | |
|---|------|-----|
| 1432. Maximiliana. Clear, single yellow flowers. Continues in bloom till frost. 6 ft. | 2.00 | .10 |
| 1430. Mollis. Single, light yellow flowers and silvery white foliage. Good for cutting. 6 ft. | | .15 |
| 1431. Orgyalis. Yellow, 6 ft..... | | .15 |
| 1433. Rigidus. One of the best yellow perennials for cutting. 5 ft..... | | .15 |
| 2930. SWAINSONIA GRANDIFLORA ALBA.—Sweet Pea-like flowers suitable for pot culture or bedding. White, tender perennial, 2½ ft. | | .25 |

SWEET CLOVER (Melilotus).—Border plants chiefly grown for their fragrant flowers. Hardy annual, 1½ ft.

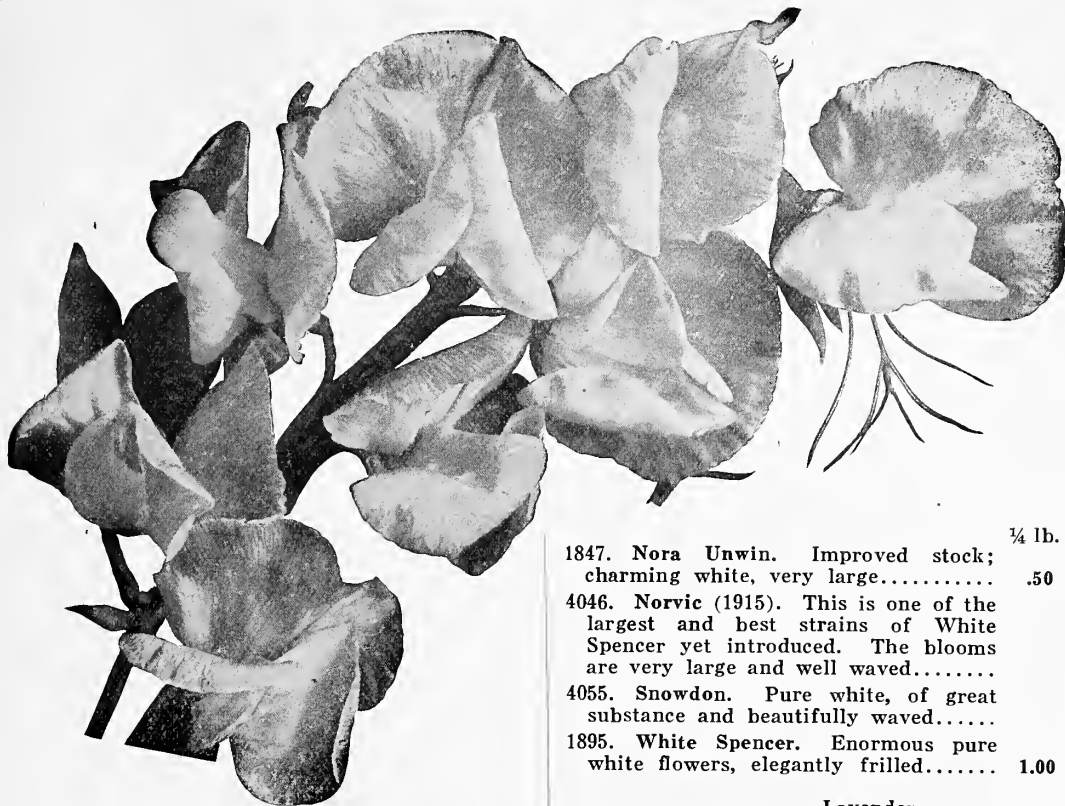
| | | |
|---------------------------|-----|-----|
| 2936. Alba. White | .30 | .05 |
| 2938. Coerulea. Blue..... | .30 | .05 |

SWEET WILLIAM

(Dianthus Barbatus)

Popular hardy biennials of easy culture extensively used in old-fashioned gardens; flowers of brilliant colors borne in large clusters, fine for cutting. 1½ ft.

| | | |
|---|-----------|-----|
| 1068. NEWPORT PINK.—Color watermelon pink; fragrant. 18 in. high..... | 3.00 | .15 |
| 1060. Breck's Auricula-Eyed Choice Mixed.... | 1.00 | .10 |
| 1061. Single Mixed | .30 | .05 |
| 1062. Pink Beauty. Improved deep pink. ¼ oz. .75 | | .15 |
| 1063. Salmon Pink | ¼ oz. .60 | .15 |
| 1064. Crimson | | .10 |
| 1065. White | | .10 |
| 1067. Double Mixed | ¼ oz. .75 | .15 |



SWEET PEAS

The following named varieties of Sweet Peas have been selected from those recommended by the leading specialists and we offer them as particularly desirable for general culture.

As early in the spring as the ground can be worked, sow the seed at a depth of 6 inches, in a trench which has been previously well prepared with manure to a depth of a foot or more. Cover the seed with an inch of soil; then, when the shoots appear thin out as necessary, and as the plants grow gradually fill the trench until nearly up to the level of the surrounding ground, the slight depression being left to retain moisture. Support the vines on brush or wire netting. Close picking of the flowers prolongs the season of bloom.

GIANT SPENCER, or ORCHID-FLOWERING VARIETIES.—The waved, or Spencer varieties of sweet peas represent the finest type yet introduced. Being of strong growth and bearing large flowers set on long stems, this type is preferred by gardeners and florists.

1897. **Giant Spencer, or Orchid-flowering Mixture.** This mixture contains in equal proportions colors of the finest varieties of Spencers. The flowers are large and waved, borne on sturdy stems; the enormous range of colors makes this one of the most superb mixtures ever offeredLb. 2.50 .75 .25 .10

Pure White

4080. **Constance Hinton.** A beautiful white Spencer of enormous size. Young flowers usually tinted a trifle pink but they soon turn pure white.. 2.50 .75 .15
 1768. **Etta Dyke.** Large, pure white.... 1.00 .30 .10
 4023. **King White.** Sometimes known as "The Perfect" White Spencer, superior in size, form and substance to all other white sorts; of vigorous growth, giving a large proportion of four-flowered sprays, beautifully waved.... 1.50 .50 .15

| | ¼ lb. | Oz. | Pkt. |
|--|-------|-----|------|
| 1847. Nora Unwin. Improved stock; charming white, very large..... | .50 | .20 | .10 |
| 4046. Norvic (1915). This is one of the largest and best strains of White Spencer yet introduced. The blooms are very large and well waved..... | 1.50 | | .15 |
| 4055. Snowdon. Pure white, of great substance and beautifully waved..... | 1.00 | | .20 |
| 1895. White Spencer. Enormous pure white flowers, elegantly frilled..... | 1.00 | .30 | .10 |

Lavender

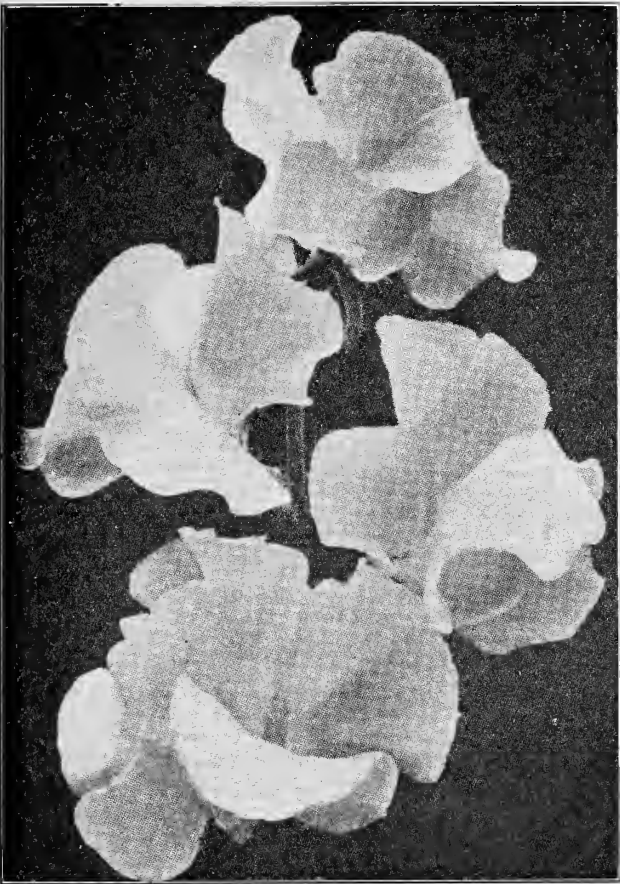
| | | | |
|--|------|-----|-----|
| 4001. Alfred Watkins (1915). A pure clear lavender. When this becomes distributed we are sure it will supersede all other pale lavenders, as it has size to recommend it..... | | | .25 |
| 1732. Asta Ohn. Lavender, tinted mauve; very fine | 1.00 | .40 | .10 |
| 1779. Florence Nightingale. A soft, rich lavender, faintly shaded rose; wings well frilled and waved..... | 1.25 | .40 | .10 |
| 4015. Empress Eugenie. A very charming flower; color, delicate tone of light grey, flaked with light lavender; a vigorous grower and very free bloomer, showing a large proportion of four-flowered sprays..... | 1.00 | | .25 |
| 1772. Frank Dolby (Unwin Type). A lovely pale blue..... | .60 | .20 | .10 |
| 1833. Mrs. Chas. Foster. Lavender, flushed pale rose..... | 1.00 | .30 | .10 |
| 4085. R. F. Felton. One of the best lavender Spencers, a mauve toned lavender. Splendid exhibition variety.... | 1.50 | .50 | .20 |

Crimson and Scarlet

| | | | |
|--|------|-----|-----|
| 4095. Edward Cowdy. Glowing orange-scarlet, not as deep as the President.. | 2.50 | .75 | .25 |
| 3980. Fiery Cross (1916). "Fiery Cross" has all the appearance of live fire, the color being a scorching fire-red or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing fire-like sheen which radiates over the flower. It does not scorch or burn | 1.50 | | .25 |
| 1803. King Edward. Giant flower, self-colored bright crimson..... | 1.00 | .30 | .10 |
| 1824. Maud Holmes (Sunproof Crimson Spencer). Beautiful crimson-scarlet flowers, borne on long stems. Will not burn in the hottest sun..... | 1.25 | .40 | .15 |
| 1854. Queen Alexandra. Beautifully curved and fluted, one of the best of the self-colored crimson scarlets..... | 1.25 | .40 | .10 |

SWEET PEAS (Continued)

| | ¼ lb. | Oz. | Pkt. | | ¼ lb. | Oz. | Pkt. |
|---|-------|-----|------------|-------|-------|------|------|
| 1884. Thomas Stevenson. Bright orange-scarlet, usually four flowers on a stem | | .50 | .15 | | | | |
| 4053. Scarlet Emperor. Large, rich scarlet | | .75 | .15 | | | | |
| 4090. Sincerity. A beautiful scarlet-cerise, does not burn | 2.00 | .60 | .25 | | | | |
| 3999. The President (1916). The name given this magnificent Novelty is most appropriate. The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. Large and true Spencer form. Both for exhibition and garden decoration "The President" is the most striking and valuable addition to Sweet Peas that has been offered in recent years.. | | | .25 | | | | |
| Maroon | | | | | | | |
| 1734. Black Knight. Shining deep maroon | 1.00 | .30 | .10 | | | | |
| 5000. King Manoel. Giant chocolate maroon self, one of the largest and best of this color | 1.50 | .50 | .15 | | | | |
| 1852. Othello. A rich, deep glossy maroon | 1.25 | .40 | .10 | | | | |
| 3995. Lord Fisher (1916). A rich, red maroon without a tinge of purple shade in wings or keel. A strong grower, giving four flowers to a stem, well placed and of full exhibition size | | | .25 | | | | |
| Blue and Purple | | | | | | | |
| 1726. A. J. Cook (Unwin Type). Fine violet self of good size | .75 | .25 | .10 | | | | |
| 5030. Blue Monarch. Sunproof dark blue, vigorous grower | 1.50 | .50 | .15 | | | | |
| 1773. Flora Norton. Bright blue, with a slight tint of purple | 1.00 | .30 | .10 | | | | |
| 4028. Lord Nelson. Fine dark blue | | | .20 | | | | |
| 4031. Mrs. Walter Wright. Large; mauve blue | 1.25 | .40 | .10 | | | | |
| 4052. Royal Purple (1915). The color of this charming variety is a fine Royal Purple and beautifully waved. It is absolutely distinct | 1.00 | .15 | | | | | |
| 5005. Tenant Spencer. Rosy purple self, colored | 1.00 | .30 | .10 | | | | |
| 4060. Wedgewood. Flowers of good size, and a fine shade of Wedgewood blue; wings well waved; very free flowering; considered by Sweet Pea experts to be the very finest blue variety yet introduced | | | .75 | | | | .15 |
| Blush White | | | | | | | |
| 1764. Elfrida Pearson. Light pink and blush | 1.00 | .30 | .10 | | | | |
| 1853. Paradise Ivory. Ivory white, tinged with buff on standard | 1.00 | .30 | .10 | | | | |
| Buff with Picotee Edge | | | | | | | |
| 1769. Evelyn Hemus. Buff, shading to yellow, edged pink | 1.00 | .30 | .10 | | | | |
| 5010. Jean Ireland. Beautiful cream colored, edged with deep pink; an exquisite variety | 1.00 | .25 | | | | | |
| 1829. Mrs. C. W. Breadmore. Buff ground, with rosy picotee edge | 1.00 | .30 | .10 | | | | |
| Striped, Marbled and Mottled | | | | | | | |
| 4000. Agricola. Blush-suffused rosy lilac | 1.50 | .50 | .15 | | | | |
| 1727. America. Scarlet-red, flaked on white | 1.00 | .30 | .10 | | | | |
| 1851. Helen Pierce. Violet mottled on pure white | 1.50 | .50 | .10 | | | | |
| Pink Shades | | | | | | | |
| 1729. Apple Blossom. Rose and blush, waved | 1.00 | .30 | .10 | | | | |
| 5035. Barbara. Very fine salmon | 1.50 | .50 | .10 | | | | |
| 1744. Countess Spencer. Clear pink showing a little deeper at the edges. A beautiful variety | 1.00 | .30 | .10 | | | | |
| 4009. Dobbies Frilled (1915). Pink. This is one of the most charming Sweet Peas ever raised. It is a duplex form of Countess Spencer at its best. A distinct novelty which will amply repay a little extra care; 90% double flowers | | | .3 for .50 | ¼ lb. | Oz. | Pkt. | .20 |
| 4010. Duplex Spencer. Deep, rich pink, mostly with double standards | 1.50 | .50 | .10 | | | | |
| 5015. Edith Taylor. Salmon rose. New shade, between salmon and shell pink. A fine exhibition variety | 1.50 | .50 | .10 | | | | |
| 1777. Gladys Unwin (Unwin Type). A beautiful shade of light rose pink | .50 | .15 | .10 | | | | |
| 5020. Hercules. Lovely rich pink of giant form and substance. A great improvement on Countess Spencer | 1.50 | .50 | .15 | | | | |
| 5025. Lady Evelyn Eyre. Blush pink flushed salmon. Vigorous grower | 1.50 | .50 | .15 | | | | |
| 4030. Margaret Atlee. Duplex salmon-pink, suffused on cream ground | | .50 | .20 | | | | |
| 1826. Mrs. Alfred Watkins (Unwin Type). A superb pale pink | .75 | .25 | .10 | | | | |
| 1837. Mrs. Hardcastle Sykes. Delicate blush pink, waved | 1.00 | .30 | .10 | | | | |
| 1767. Mrs. Hugh Dickson. The best of the cream pinks | 1.00 | .35 | .10 | | | | |
| 1836. Mrs. Routzahn. Apricot suffused with pink, deepening on edge | 1.25 | .40 | .10 | | | | |
| Carmine and Rose | | | | | | | |
| 1783. Helen Lewis. Standard orange; wings rosy salmon | 1.00 | .30 | .10 | | | | |
| 3990. Hilary Christy (1916). Standard frosted orange-cerise with crenulated fiery-scarlet edge, wings rosy-carmine, keel delicate fawny-lemon; its rich though subdued colorings are very chaste and refined | | | .25 | | | | |
| 1797. John Ingman. Rosy carmine, showing dark veins | .80 | .25 | .10 | | | | |
| 4018. Illuminator. A distinct new color; flowers well placed, upon long stout stems; color of flower ranges from salmon-orange, through rich bright cerise-pink | | .50 | .15 | | | | |
| Pink and White | | | | | | | |
| 1722. Blanche Ferry. A large variety with pink standard and wings white, suffused with pale pink | 1.00 | .30 | .10 | | | | |
| 1745. Dainty. In a bud state it looks a pale primrose self; when opening first it appears to be white, but soon changes to white with a pink edge, making a very charming contrast | 1.00 | .30 | .10 | | | | |
| 1823. Marjorie Willis. Glowing rose with a white base | .75 | .25 | .10 | | | | |
| 4033. Martha Washington. White, standard stained pink | .50 | .10 | | | | | |
| 4040. Mrs. Cuthbertson. Standard bright pink, wings white | .75 | .15 | | | | | |
| 4059. Veiled Bride (1915). White, daintily flaked and marbled soft rose pink, the coloring extending over both standard and wings | 1.00 | .25 | | | | | |
| Primrose Yellow and Orange | | | | | | | |
| 4011. Dobbies Cream. We consider this the very best deep cream or primrose colored variety; nicely waved | 1.00 | .30 | .10 | | | | |
| 1759. Clara Curtis. Extra large, deep cream yellow | 1.00 | .30 | .10 | | | | |
| 1856. Primrose Spencer. Beautiful primrose-yellow | 1.00 | .30 | .10 | | | | |
| 4047. Orangeman (1915). Rich deep orange, of true Spencer form, beautifully waved | 1.00 | .20 | | | | | |
| 4051. Robert Sydenham (1915). Is the most striking novelty which has been introduced for many years; in color a rich glowing orange self | | | .25 | | | | |



Alfred Watkins

SWEET PEAS (Continued)
Grandiflora Varieties

BRECK'S BOSTON MIXTURE

1900. This mixture is made up of the leading and most showy varieties. We make this mixture ourselves and care is taken to have the colors well balanced.
Lb. 1.00; ½ lb. .50; ¼ lb. 30 .10 .05

Prices of the following varieties, except where otherwise quoted: Lb., 1.25; ½ lb. .65; ¼ lb. .40; Oz. .15; Pkt. .05.

- | | | |
|--|---------------------|---------|
| 1730. America. Bright red and white striped. | | |
| 1735. Black Knight. Deep maroon. | | |
| 1737. Blanche Ferry. Rose and white. | Oz. Pkt. | |
| | Lb. 1.50; ¼ lb. .50 | .15 .05 |
| 1740. Capt. of the Blues. Standard purple, wings blue. | | |
| 1741. Countess of Cadogan. Lilac and blue. | | |
| 1743. Countess of Radnor. Lavender. | | |
| 1751. Dorothy Eckford. Large white. | | |
| 1755. Duke of Westminster. Purple, wings violet. | | |
| 1758. Evelyn Byatt. Scarlet-orange. | | |
| 1760. Earliest of All. Rose and white. | | |
| 1765. Emily Eckford. Rose-lilac and blue. | | |
| 1775. Golden Rose. Primrose, striped pink. | | |
| 1780. Harvard. True Harvard crimson. | | |

- | | | |
|---|-----------------------|---------|
| 1785. Helen Pierce. Blue mottled on white. | Oz. Pkt. | |
| 1787. Henry Eckford. Orange. | | |
| | Lb. 1.50; ¼ lb. .50 | .15 .05 |
| 1790. Hon. Mrs. E. Kenyon. Large primrose. | | |
| 1800. Katherine Tracy. Pink. | | |
| 1802. King Edward VII. Bright red. | | |
| 1805. Lady Grisel Hamilton. Lavender. | | |
| 1828. Miss Wilmott. Large orange-pink. | | |
| 1832. Mont Blanc. White, very early. | | |
| | Lb., 1.50; ¼ lb., .50 | .15 .05 |
| 1845. Navy Blue. Indigo and violet. | | |
| 1850. Othello. Deep maroon. | | |
| 1855. Prima Donna. Pink. | | |
| 1857. Prince Edward of York. Scarlet and crimson. | | |
| 1860. Princess of Wales. Striped mauve, white ground. | | |
| 1862. Queen Alexandra. Bright scarlet. | | |
| | Lb., 1.50; ¼ lb., .50 | .15 .05 |
| 1870. Sadie Burpee. White. | | |

STATICĒ

(Sea Lavender)

Handsome plants producing panicles of pretty little flowers all summer. Very good in borders and rock-work.

- | | | |
|------------------------------------|------|-----|
| 2796. Annual Varieties Mixed | .40 | .05 |
| Perennial Varieties. 2 Feet | | |
| 2798. Gmelini. Light blue | 1.00 | .10 |
| 2799. Latifolia | 2.00 | .10 |
| 2800. Mixed | .50 | .05 |

THUNBERGIA

A slender trailing vine with neat green foliage and numerous extremely pretty flowers. Splendid for hanging pots, vases, etc. Half-hardy annual.

- | | |
|--|-----|
| 2996. Alata. Yellow with black eye..... | .10 |
| 2997. Alata Alba. White with dark eye..... | .10 |
| 2998. Mixed | .10 |

TORENIA

Very graceful, free-flowering plants producing an abundance of beautifully-colored flowers all summer. Tender annual, 1 ft.

- | | |
|---|-----|
| 3000. Fournieri. Mixed | .15 |
| 3001. Fournieri Grandiflora. Blue | .25 |
| 3002. Fournieri. White wings | .25 |

TRITOMA

(Red Hot Poker Plant)

Early in autumn these unique and striking plants produce tall, pyramidal spikes of blazing red, tubular flowers. Half-hardy perennial.

- | | |
|---|-----|
| 3008. Express. Scarlet | .20 |
| 3010. Uvaria Grandiflora. Scarlet | .10 |

TROLLIUS

(Globe Flower)

An excellent hardy perennial having finely-divided deep green foliage and large globular flowers borne on stout, erect stems. A good border plant, excellent for cutting. 1½ ft.

- | | |
|--|-----|
| 3020. Caucasicus. Orange | .25 |
| 3024. Europaeus (Double Buttercup). Yellow | .10 |
| 3026. Mixed | .15 |



Verbena

VERBENA

Verbenas are the most popular and satisfactory bedding plants in cultivation. Their heads of brilliantly colored flowers are borne in constant succession from June until frost. The flowers are large and splendid for cutting.

To secure early plants the seed should be sown in the greenhouse or hot-bed in February or March and the seedlings transplanted to the open border in May.

| | | | |
|--|-------|------|--|
| Seeds may be sown in the open border when all danger from frost is passed. | ¼ oz. | Pkt. | |
| 3192. White | .75 | .10 | |
| 3194. Pink | .75 | .10 | |
| 3195. Blue. True dark..... | .75 | .10 | |
| 3196. Scarlet | .75 | .10 | |
| 3197. Striped | .75 | .10 | |
| 3200. Breck's Mammoth Mixed. A superb mixture comprising the most beautiful and brilliant colors | .75 | .10 | |
| 3202. Choice Mixed | .50 | .10 | |
| 3188. Monstrosa Mixed. Auricula-eyed..... | | .15 | |
| 3190. Auricula-Flowered Mixed. Large flowers with white eye on each floret..... | .75 | .10 | |
| 110. Lemon Verbena (Aloysia Citriodora). Tender perennial with fragrant leaves. The young sprays are very useful for intermingling with flowers in bouquets..... | | .15 | |
| 3210. Montana. Bluish lilac flowers. hP..... | | .10 | |
| VALERIAN. —One of the most highly prized old-fashioned, hardy perennials. In spring it bears dense clusters of small heliotrope-scented flowers. 4 ft. | | | |
| 3180. White | .75 | .10 | |
| 3181. Red | .75 | .10 | |
| 3182. Offinialis (Hardy Garden Heliotrope). Pink | 2.00 | .15 | |
| 3185. Mixed | .50 | .05 | |
| VISCARIA (Rock Lychnis). —A popular, slender-stemmed annual bearing attractive flowers about an inch in diameter. 1 ft. | | | |
| 3410. Cardinalis. Scarlet | 1.00 | .10 | |
| 3411. Oculata Azurea. Blue | 1.00 | .10 | |
| 3412. Oculata Coerulea. Blue | 1.00 | .10 | |

VERONICA (Speedwell).—Splendid hardy plants which bear unusually long spikes of small, showy flowers during August and September. One of the best of the late-flowering hardy perennials.

| | | | |
|-------------------------------------|--|------|-----|
| 3220. Longifolia. Blue | | Pkt. | .10 |
| 3221. Spicata. Violet blue..... | | | .10 |
| 3222. Spicata Alba. Pure white..... | | | .10 |
| 3225. Finest Mixed | | | .10 |

VINCA (Minor).—Splendid, tender perennials with luxuriant, dark green foliage and round, single flowers that bloom freely all summer. Excellent for summer bedding and pot culture. 1 ft.

| | | | |
|---------------------------------------|-------|------|--|
| | ¼ oz. | Pkt. | |
| 3230. Alba. White | .50 | .10 | |
| 3234. Rosea. Rose | .50 | .10 | |
| 3236. Rosea Alba. Rose and white..... | .50 | .10 | |
| 3240. Mixed | .50 | .10 | |

VIOLET (Viola Odorata).—Pretty, free-blooming, hardy violets with large fragrant flowers. Only single varieties can be raised from seed.

| | | |
|---|--|-----|
| 3390. Odorata Semperflorens. Dark blue..... | | .10 |
| 3394. —(The Czar). Violet blue..... | | .10 |
| 3396. —(White Czar). Pure white..... | | .10 |
| 3398. —Mixed | | .10 |

1910. **VIRGINIAN STOCK, Mixed.**—A pretty, branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed; easily grown from seed..

.30 .05

WAHLENBERGIA (Platycodon).—A handsome herbaceous perennial of graceful bushy habit bearing many large, white or blue, bell-shaped flowers.

| | | |
|------------------------------------|-----|-----|
| 3420. Grandiflora. Blue | .75 | .10 |
| 3422. Grandiflora Alba. White..... | .75 | .10 |

WALLFLOWER

(Cherianthus)

An old garden favorite blooming in the spring; much prized for its pretty fragrant flowers, which range from brown to yellow. 1 ft.

| | | |
|---------------------------------------|------|-----|
| 3430. Double Selected Mixed. hhP..... | | .25 |
| 3432. Single Selected Mixed. hhP..... | 1.00 | .10 |
| 3434. Single Annual Mixed..... | .80 | .10 |

WHITLAVIA.—Pretty hardy annuals producing numerous bell-shaped flowers throughout the season. 1 ft.

| | | |
|-------------------------------|-----|-----|
| 3440. Grandiflora. Blue | .80 | .05 |
| 3442. Grandiflora Alba | .80 | .05 |

3480. **Y U C C A FILAMENTOSA (Adam's Needle).**—Showy filaments with long, narrow sword-like leaves and tall branching stalks of creamy white bell-shaped flowers. Very effective when planted in masses and among other perennials. White, hardy perennial, 4 ft.

.10

ZEA JAPONICA (Ornamental Maize).—Ornamental plants with beautifully-striped, drooping foliage.

| | | |
|----------------------------------|--|-----|
| 3490. Japonica Variegata | | .10 |
| 3492. Gigantea Quadricolor | | .10 |



Zinnia

ZINNIA

One of the most popular and most extensively used of all our hardy annuals for beds, mixed borders and for cutting purposes. They require very little attention; will grow in any good garden soil. Seed sown early in heat will begin to bloom in June and continue until frost, or seed may be sown where they are intended to bloom as soon as frost has gone.

BRECK'S NEW GIANT (Grandiflora Plenissima).—The flowers of this variety measure from 5 to 6 inches across; are mostly very double, borne on long stiff stems. It is the finest strain of Zinnias we can procure.

| | |
|-------|------|
| ¼ oz. | Pkt. |
|-------|------|

| | | |
|------------------------------------|------|-----|
| 3600. Crimson | 1.00 | .25 |
| 3604. Flesh Color | 1.00 | .25 |
| 3606. Golden Yellow | 1.00 | .25 |
| 3608. Purple | 1.00 | .25 |
| 3610. Scarlet | 1.00 | .25 |
| 3612. Sulphur Yellow | 1.00 | .25 |
| 3616. Violet | 1.00 | .25 |
| 3618. White | 1.00 | .25 |
| 3620. Breck's New Giant Mixed..... | .75 | .25 |

BRECK'S TALL DEFIANCE.—2 feet.

| | |
|-----|------|
| Oz. | Pkt. |
|-----|------|

| | | |
|---------------------------|------|-----|
| 3500. Choice Mixed | 1.00 | .10 |
| 3502. Carmine | 1.00 | .10 |
| 3504. Crimson | 1.00 | .10 |
| 3506. Flesh Pink | 1.00 | .10 |
| 3508. Golden Yellow | 1.00 | .10 |
| 3510. Light Yellow | 1.00 | .10 |
| 3512. Lilac | 1.00 | .10 |
| 3514. Purple | 1.00 | .10 |
| 3516. Rose | 1.00 | .10 |
| 3518. Scarlet. Light..... | 1.00 | .10 |
| 3520. Scarlet. Dark..... | 1.00 | .10 |
| 3522. Striped | 1.00 | .10 |
| 3524. White | 1.00 | .10 |

Collection of 6 varieties, 50c.

BRECK'S DWARF DEFIANCE.—1½ feet.

| | |
|-------|------|
| ¼ oz. | Pkt. |
|-------|------|

| | | |
|---|------|-----|
| 3540. Choice Mixed | .30 | .10 |
| 3542. Carmine | .30 | .10 |
| 3544. Crimson | .30 | .10 |
| 3546. Flesh Pink | .30 | .10 |
| 3548. Golden Yellow | .30 | .10 |
| 3550. Light Yellow | .30 | .10 |
| 3552. Lilac | .30 | .10 |
| 3554. Purple | .30 | .10 |
| 3556. Rose | .30 | .10 |
| 3558. Light Scarlet | .30 | .10 |
| 3560. Dark Scarlet | .30 | .10 |
| 3562. Striped | .30 | .10 |
| 3564. White | .30 | .10 |
| Collection of 6 varieties, 50c. | | |
| 3570. Liliput Mixed. ¾ ft..... | 1.50 | .15 |
| 3572. Tom Thumb Mixed. ½ ft..... | 1.50 | .15 |
| 3574. Curled and Crested Mixed. 1 ft..... | 1.50 | .15 |
| 3527. Dwarf Red Riding Hood. A perfect compact plant, covered the entire season with small button-like double flowers of an intense scarlet | 2.00 | .25 |

BRECK'S COLLECTIONS OF FLOWER SEEDS

Collection "A," price 25c, contains one packet each of Mignonette; Alyssum, white; Sweet Peas, fine mixed; Phlox Drummondii, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

Collection "B," price 50c, contains the varieties in Collection "A," with the following additions: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

Collection "C," price 75c, contains the varieties in Collections "A" and "B," with the following additions: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

Collection "D," price \$1.00, contains the varieties in Collections "A," "B" and "C," with the following additions: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

Collection "E." This assortment produces a fine effect in the garden and all the sorts are suitable for bouquets. Price 50c. Abronia, Ageratum, Amaranthus Bicolor, Aquilegia, Aster, Chrysanthemum-flowered, Calliopsis, Collinsia, Dianthus Chinensis, Godetia, Mignonette, Phlox Drummondii, Zinnia.

Collection "F." The following kinds are specially suitable for growing in vases or hanging baskets. Price 25c. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtiums, Lobb's Nasturtiums, Lobelia Gracilis, Mimulus Moschatus.

BRECK'S WILD GARDEN MIXTURE

Any one who has cultivated flowers in neatly laid out beds or carefully planted ribbon borders is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Pkt., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

SUMMER FLOWERING BULBS AND ROOTS

Amaryllis

Amaryllis. Lovely lily-like plants that produce flowers in almost every shade of color.

- A. **Belladonna Major**. Rosy pink, fragrant. 25c each.
- A. **Formosissima** (Jacobean Lily). Blooms freely out of doors, flowers velvety crimson. 20c each; \$1.75 per doz.
- A. **Johnsoni**. Large crimson and white flowers. 75c each; \$4.00 per doz.

Begonias. (Tuberous Rooted)

Varicolored flowers of great beauty, two inches or more across, are borne freely during the whole summer. Roots potted in early spring are ready for setting out in May. Will thrive in partial shade.

- Single Flowered**. Red, crimson, scarlet, rose, pink, white, yellow and striped. 20c each; \$2.00 doz.
- Single Flowered Mixed**. 20c each; \$2.00 doz.
- Double Flowered Sorts**. Same colors as the single. 25c each; \$2.50 doz.
- Double Flowered Mixed**. 25c each; \$2.50 doz.
- New Single Frilled**. The flowers of this variety are very large, borne on stout stems and beautifully frilled. In six separate colors. 25c each; \$2.50 doz.
- Count Zeppelin**. Intense scarlet, 8 to 10 inches in height with full double flowers 1½ inches across. Blossoms from July until frost. 30c each; \$3.00 per doz.
- LaFayette**. Brilliant scarlet with size and habit same as Count Zeppelin. 30c each; \$3.00 per doz.
- Marmorata**. Striped and flaked. Good form and free flowering. Single flowered, 10c each; \$1.00 per doz. Double flowered, 25c each; \$2.50 per doz.
- Crispa Fimbriata**. Beautifully formed and fimbriated flowers in many shades. 25c each; \$2.50 per doz.

Water Lilies (Hardy Nymphaeas)

These are all equally as hardy as our native Pond Lily and may be planted as soon as vegetation commences in spring and any time during the season until the end of August.

- Alba**. The hardy white English pond lily. 50c each.
- Odorata**. Our native white pond lily. 50c each.
- Odorata Sulphurea**. Large yellow fragrant flowers. 50c each.
- Odorata Rosea**. Cape Cod pink pond lily. 50c each.

HARDY LILIES

A desirable class of hardy perennials which may be planted amongst shrubbery or other earlier-blooming perennials. Some of the late varieties do not arrive from Japan before the ground freezes, but we carry these in cold storage until spring when they may be planted out with good success. Deep planting is advisable, 9 to 12 inches according to size of bulb.

- Auratum** (Golden Banded Lily of Japan). Immense white flowers, each petal marked with a wide gold band, and spotted with maroon.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.
- First Size Bulbs. 20c each; \$2.00 doz.; \$15.00 per 100.
- Speciosum Album**. Large pure white flowers.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.
- Speciosum Magnificum**. Rich crimson. The finest colored of all Speciosums.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.
- Speciosum Melpomene**. White, suffused with darkest crimson.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.
- Speciosum Roseum**. White, stained and spotted rose.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.
- Speciosum Rubrum**. White with rich crimson spots.
- Mammoth Bulbs. 40c each; \$4.00 doz.; \$30.00 per 100.
- Extra Large. 30c each; \$3.00 per doz.; \$20.00 per 100.

Gloxinias

Large tubular flowers of gorgeous coloring. Bulbs potted in light, sandy loam in February or March will bloom in June or July. Strong flowering bulbs in six separate colors. 25c each; \$2.50 doz.

Montbretia

These hardy summer-flowering bulbs produce graceful flowers like those of Gladioli but the plants are of branching habit and attain to a height of about two feet. The color varies from yellow to rich scarlet. Plant the bulbs about five inches deep, protecting them with a liberal mulching during winter. The flowers are fine for cutting. These bulbs offered subject to arrival.

- Aurea** (Crocsmia Aurea). Bright orange yellow. The bulbs of this sort should be taken up after flowering and kept in damp soil or moss until spring.. .25 1.50 10.00
- Crocsmiaeflora**. Orange scarlet, yellow center20 1.25 10.00
- Etoile de Feu**. Bright vermilion, yellow center35 2.25 20.00
- Germania**. Very large, orange scarlet, the best new variety.50 3.50
- Golden Sheaf**. Pure golden yellow.40 2.50 18.00
- Rayon d'Or**. Rich yellow with brown spots25 1.75 15.00
- Transcendant**. Deep yellow flowers with scarlet shading on outside of petals. . .30 2.00 15.00
- Pottsil**. Orange, flushed with red.20 1.00 9.00
- Rosea**. Beautiful salmon rose.25 1.75 15.00
- Choice Mixture**25 1.75 15.00

Tuberose

Double Pearl Excelsior. These are universal favorites and very easily grown. Before potting remove the small offsets, use rich loam and start in hot bed or in house; do not set out until all danger from frost is past. 5c each; 50c per doz.; \$3.50 per 100.

Single, Variegated Leaved. An early single white variety with the green leaves finely edged and marked with gold stripes. 10c each; 50c per doz.; \$3.00 per 100.

Tuberous Vines

Cinnamon Vine. Hardy climber, shining green foliage, fragrant white flowers. 5c each; 50c doz.

Madeira Vines. A beautiful rapid-growing climber, bearing in profusion very fragrant white flowers. 5c each; 50c doz.

Batemaniae. Clear orange apricot, without spots, 6 to 8 flowers borne on a stem. 4 ft. high. 20c each; \$2.00 per doz.; \$15.00 per 100.

Browni. Trumpet-shaped flowers; interior pure white with chocolate colored anthers; exterior brownish purple. Height 3 ft. 60c each; \$6.00 per doz.

Canadense (Canadian Bell-Flowered Lily). Colors vary from reddish orange to yellow. Marked with black. Height 4 ft., 15c each; \$1.25 per doz. \$9.00 per 100.

Henryi (The Yellow Speciosum). A very beautiful hardy Lily from northern China. Plants are of vigorous growth. They frequently attain the height of 6 ft. Each stem carries from 5 to 8 flowers of a rich apricot yellow. Brown spots. 60c each; \$6.00 per doz.

Superbum. Yellowish red. Height 4 ft. 20c each; \$1.50 per doz.; \$10.00 per 100.

Tigrinum Splendens (Tiger Lily). Fiery scarlet flower, spotted black. Height 6 ft. 10c each; 75c per doz.; \$5.00 per 100.

Tigrinum Flore Pleno. Double Flowered orange, spotted black. Height 4 ft. 10c each; 75c doz.; \$5.00 per 100.

Wallacei. Glowing apricot freely spotted with black. Height 3 ft. 15c each; \$1.50 per doz.; \$10.00 per 100.

Miscellaneous Bulbs and Roots

- Achimenes.** Free-flowering plants of easy cultivation. The bulbs should be potted early in a mixture of loam and leaf mould. Keep warm and water carefully. Assorted colors, \$1.50 per doz.; \$10.00 per 100.
- Caladium Esculentum.** Beautiful ornamental foliage plant. The leaves are of immense size, light green with darker veins; will grow in any good garden soil to a height of 5 feet. Dry bulbs, according to size, 10c, 15c and 20c each; \$1.00 to \$2.00 per doz.
- Hyacinthus candicans.** A hardy summer-flowering Hyacinth with erect spikes of pure white flowers. 3 feet high. 60c per doz.; \$3.50 per 100; \$30.00 per 1000.
- Milla Biflora.** Beautiful white waxy flowers with pale lemon anthers, deliciously fragrant. Plant outdoors in May, take up bulbs in fall. 5c each; 50c per doz.
- Tigridia (Shell Flower).** Beautiful large shell-like flowers produced from July until frost.
- T. Conchiflora.** Orange and crimson spots. 85c per doz.; \$6.00 per 100.
- T. Grandiflora Alba.** White flowers spotted with maroon and rose. 85c per doz.; \$6.00 per 100.
- T. Grandiflora Crimson.** 85c per doz.; \$6.00 per 100
- T. Pavonia.** Red with crimson spots. 85c per doz.; \$6.00 per 100.



Geraniums

Pot-grown, for planting about May first.
\$2.00 per doz.; \$15.00 per 100.

- Alliance (Ivy-leaved, double).** Lilac-white.
- Alphonse Ricard (Semi-double).** Bright vermilion-scarlet.
- Beaute Poitevine (Semi-double).** Light salmon-pink. A great favorite.
- Double Dryden (Double).** Coral-white, shading through lilac to crimson.
- Jean Viand (Semi-double).** Bright mauve-rose, white centre.
- La Favorite.** The finest double white, continuous bloomer.
- Mme. Landry (Semi-double).** Salmon-pink.
- Mme. Salleroi (Variegated-leaved).** Dwarf, for edgings.
- Mrs. F. G. Hill (Single).** Soft light salmon-pink.
- Rycroft's Surprise (Ivy-leaved).** Clear rose-pink.
- S. A. Nutt (Double).** Rich, dark crimson, free flowering.
- Sweet Scented.** Rose, lemon, etc.

Japanese Large Flowering Chrysanthemums

Only for Greenhouse Growing

The following varieties are the best of the large-flowering sorts. Plants ready about May first.

- Pockett's Crimson.** Splendid exhibition variety.
- Merza.** Pure white; large flower.
- Nellie Pockett.** A massive white of great depth.
- Mrs. Norman Davis.** Fine white; one of the best.
- Col. D. Appleton.** Deep golden yellow; large round flower.
- Cheltoni.** Large yellow; a monster flower.
- F. S. Vallis.** One of the best yellows.
- A. J. Balfour.** Handsome pink; habit strong and erect.
- M. F. Plant.** Deep pink, reflexed petals.
- Mrs. C. H. Totty.** Light pink, very showy.
- Glenview.** Reddish bronze, well built.
- Mrs. H. Partridge.** Crimson, broad petals; handsome flower.

Strong Plants from 2 1/4 inch pots.
15c each; \$1.50 per doz.; \$10.00 per 100.

MISCELLANEOUS BEDDING PLANTS

Started in Pots, for planting after May 1st.

| | Per Doz. | Per 100 | | Per Doz. | Per 100 |
|---|----------|---------|---|----------|---------|
| Abutilon. In variety..... | \$2.00 | \$15.00 | Hollyhocks. Single and double..... | 1.50 | 10.00 |
| Achyranthes. Collinsii..... | 1.50 | 10.00 | Lantanas. Choice varieties..... | 1.50 | 10.00 |
| Ageratum. Best dwarf blue..... | 1.75 | 12.00 | Lobelias. Various sorts..... | 1.00 | 7.00 |
| Alternanthera. Dwarf..... | 1.00 | 7.50 | Lemon Verbenas..... | 1.75 | 12.00 |
| Alyssum. White..... | .85 | 6.00 | Marguerites. White and yellow..... | 1.50 | 10.00 |
| Antirrhinum. Mixed or separate colors..... | 1.50 | 10.00 | Marigold. French and African..... | 1.50 | 10.00 |
| Asters. Assorted colors..... | .50 | 3.50 | Mignonette. Giant, sweet scented..... | 1.50 | 10.00 |
| Begonias, Tuberous. Choice varieties..... | 3.50 | | Myrtle. Vinca Minor..... | 1.50 | 10.00 |
| Begonia Gracilis. White, red and pink..... | 1.50 | 10.00 | Nasturtium. Dwarf or tall mixed..... | 1.00 | 7.00 |
| Begonia Gloire De Chatelaine. Beautiful rose color..... | 1.75 | 12.00 | Nicotiana affinis..... | 1.00 | 8.00 |
| Caladium Esculentum (Elephant's Ear)..... | 2.25 | 15.00 | Pansies. Extra large flowered..... | .35 | 2.50 |
| Calendula. Deep yellow..... | 1.00 | 8.00 | Pentstemon (Southgate Gem). Red..... | 1.50 | 10.00 |
| Carnation, Margaret. Assorted..... | 1.50 | 10.00 | Petunia. Double choice varieties..... | 2.00 | 15.00 |
| Centaurea Candidissima..... | 1.25 | 8.00 | Petunia. Single, dwarf or tall..... | 1.50 | 10.00 |
| Centaurea Gymnocarpa. Silvery foliage..... | 1.00 | 8.00 | Phlox Drummondii. Four colors..... | .85 | 6.00 |
| Cobea Scandens. Rapid growing climber..... | 2.25 | 16.00 | Ricinus (Castor Bean)..... | 2.00 | 15.00 |
| Coleus. Fine varieties..... | 1.00 | 6.00 | Salpiglossis. Mixed or separate colors..... | 1.50 | 10.00 |
| Cannas. In variety. (See special list)..... | 2.00 | 15.00 | Salvia. Scarlet for beds..... | 1.50 | 10.00 |
| Cuphea. Cigar plant..... | 1.00 | 8.00 | Stocks. Double, ten weeks..... | 1.25 | 8.00 |
| English Daisy..... | .85 | 6.00 | Torenia Fournieri. Dwarf blue; fine for edging..... | 1.25 | 8.00 |
| Feverfew. Double white, free flowering..... | 1.50 | 10.00 | Verbenas. Assorted colors, extra..... | 1.00 | 7.50 |
| Forget-me-not..... | 1.00 | 7.50 | Vincas. Red and white..... | 1.25 | 8.00 |
| Fuschias. Various fine sorts; small plants..... | 2.25 | 15.00 | Variegated Vincas (Periwinkle)..... | 2.50 | 18.00 |
| Heliotropes..... | 1.75 | 12.00 | Zinnias. Assorted colors..... | 1.00 | 7.50 |

Breck's Dahlias

From the myriad varieties of this justly popular annual, we limit our stock to a selected few of those which have proved themselves of particular excellence. Our special catalogue lists them more comprehensively.

Planting of dormant roots may be made sometimes as early as the middle of April, in the vicinity of Boston, thus making possible a long season of bloom. Any well-tilled garden soil is suitable. Bulbs should be lifted in the fall after the tops have been killed by frost, and stored in a dry cellar protected from freezing.



Mrs. Charles H. Breck

DECORATIVE

- Beloit.** Very large, full and double, splendid form, rich purplish garnet, deepening towards the centre, stems extra long and strong. 50c each.
- Delice.** Soft glowing rose pink, perfect form and stem. 35c each.
- Easton.** Brilliant turkey-red; flowers medium size, in great profusion. 25c each.
- Fireburst.** Extra large flower; intense scarlet, shaded orange. 50c each.
- Golden West.** A fine large primrose yellow, free and good. 35c each.
- Hortulanus Fiet.** Mammoth blooms of delicate shrimp-pink and gold shadings, which make it a most valuable acquisition. 75c each.
- Hortulanus Witte.** A pure white with large flowers; a splendid cut flower and exhibition variety. 35c each.
- Immense.** An enormous Dahlia with petals watered white, streaked and bordered with rose cerise. 35c each.
- Jack Rose.** Brilliant crimson, perfectly-formed flowers. A well-liked variety. 25c each.
- King of Autumn.** Large, long-stemmed, perfectly formed flowers. Color is pinkish amber, shading to sulphur. A new variety which is attracting much attention. \$1.00 each.
- Le Grand Manitou.** White ground, heavily striped and blotched with violet red, fine and large with high full centre. 50c each.
- Mina Burgle.** A rich dark scarlet variety, very free-flowering; one of the best for cutting. 50c each.
- Oregon Beauty.** Very large, well formed flower; vivid red. 50c each.

Mrs. Charles H. Breck. Rich, creamy yellow, tipped with rose pink, veined and streaked with intermediate shades. 75c each.

Yellow Colosse. An extremely good yellow. 35c each.
1 dozen our selection, \$3.00.

SHOW

- A. D. Livoni.** A beautiful pink, full early, best for cutting. 20c each.
- Black Diamond.** Purple-garnet, shading to black. 15c each.
- Cuban Giant.** Dark, glowing crimson, shaded purple. 20c each.
- Dreer's White.** Pure, glistening white; very free-flowering. 50c each.
- Dreer's Yellow.** A perfect ball in shape, clear yellow; stems long and stiff. Considered by many the best yellow dahlia. 50c each.
- Gen. Miles.** Most immense and massive lavender pink striped purplish magenta, unique color, one of the best. 50c each.
- Gov. Guild.** Best large white, long stem, good form. 35c each.
- Mrs. G. Abbott.** Bright golden yellow speckled and striped, intense scarlet, large, full and free. 50c each.
- Purple Duke.** Large purple, quilled, like G. D. Alexis. 25c each.
- W. W. Rawson.** White over-laid amethyst, extra good. 25c each.
- Yellow Duke.** A fine primrose yellow for cutting. 25c each.

1 dozen our selection, \$2.50.

PAEONY FLOWERED

- Avalanche.** The finest pure white. 50c each.
- Andrew Carnegie.** Large, clear salmon-pink, with bronze shadings. 35c each.
- Autumn Gold.** Of true autumn colors; extra large and free-flowering. 50c each.
- Bertha von Suttner.** Immense flower, lovely salmon pink, shaded yellow. 50c each.
- Geisha.** A most sensational variety, scarlet and gold, no two alike, free, large and showy with curled petals. 35c each.
- Hampton Court.** One of the best, large, bright mauve pink. 35c each.
- John Wanamaker.** Large pink lavender. 50c each.
- King Edward.** Very dark crimson, on long stems. 50c each.
- Mrs. George Gordon.** Extra large, creamy white. A dahlia of merit. 35c each.
- Lemon King.** New, probably the best yellow, large and free. 35c each.
- Queen Wilhelmina.** Large, pure white; extra fine. 25c each.

1 dozen our selection, \$3.00.

\$2.50 — SPECIAL OFFER — \$2.50

One dozen Dahlias, all different, good assortment of colors from all classes, postpaid for \$2.50.

CACTUS DAHLIAS

- Aviateur Garros.** The earliest-flowering variety; light sulphur yellow shading to white at tips of petals. 50c each.
- Countess of Lonsdale.** Rich salmon-tinted apricot. 15c each.
- Dainty.** Lemon-yellow at centre, tipped rose-pink. 25c each.
- Duchess of Marlboro.** Free-flowering, of a beautiful solferino with golden suffusion at base of petals. 50c each.
- Golden Gate.** Immense deep golden yellow overlaid bronze. 50c each.
- J. H. Jackson.** Finest dark maroon, early and free. 20c each.

- Margaret Bouchon.** Large size, fine form and color, light pink shading to white, combine to place this among the very best. 75c each.
- Pierrot.** A striking novelty of unusual merit. Long, tubular petals, deep amber, usually, with white tips. \$1.00 each.
- Richard Box.** A lovely very large light yellow of elegant shape with large petals, splendid stems. 50c each.
- Sweetbriar.** A superb rose pink, free on good stiff stems. 35c each.
- Sirene.** A hybrid cactus forming a star-like flower; color, rosy-pink, shading to an almost white center. 50c each.
- Thomas Obelin.** Brilliant fiery red, with gracefully incurved petals. 25c each.
- 1 dozen our selection, \$2.50.

Breck's Quality Cannas



Florence Vaughan

One of our leading specialties, our flowering Cannas attract much attention at our Lexington nurseries. Many of Wintzer's latest and best creations are included in our collection.

- Alice Roosevelt.** 4 ft. A good old variety with dark green leaves and large salmon-scarlet flowers. 15c each; \$1.50 per doz.
- Beacon.** 4 to 4½ ft. Green foliage; produces great masses of rich cardinal flowers. 15c each; \$1.50 per doz.
- Beaute Poitevine.** 3½ ft. Green foliage; dark crimson flowers of large size. 15c each; \$1.50 per doz.
- Charles Henderson.** 4 ft. Green foliage; flowers of deep crimson, with flame-yellow throat. 15c each; \$1.50 per doz.
- City of Portland.** 3½ ft. Glowing salmon-pink; strong-growing; new. 50c each.
- Flag of Truce.** 4 ft. Large-flowered, cream-white with faint pink markings. One of the latest and best. 50c each.

- Florence Vaughan.** 3½ ft. Green foliage; flowers rich golden yellow, thickly spotted with bright red. 15c each; \$1.50 per doz.
- Gladiator.** 4½ ft. Green foliage; large crimson flowers. Good for center or back of bed. 15c each; \$1.50 per doz.
- Golden Gate.** 4 ft. Green foliage. Flowers pure gold, rayed with orange and crimson. 50c each.
- Hungaria.** 3½ ft. Green foliage; flowers very large, blush pink with satiny sheen. 25c each; \$2.00 per doz.
- Kate F. Deemer.** 4 ft. Green foliage. A grand flower of rich, oriole-yellow, which gradually gives place to turkey-red in the centre. The throat is almost white. 25c each; \$2.50 per doz.
- King Humbert.** 4 ft. Bronze foliage with brownish green stripes, large thick and leathery. Flowers large, bright orange-scarlet streaked with crimson. 20c each; \$2.00 per doz.
- Loveliness.** 3 ft. Green foliage. Bright ruby crimson; one of the finest Cannas in existence. 25c each; \$2.50 per doz.
- Meteor (Wintzer's).** 5 ft. Green foliage; flowers of a deep, dazzling crimson. 50c each; \$5.00 per doz.
- Mrs. Alfred F. Conard.** 4 ft. Green foliage; the most popular pink Canna ever introduced. Salmon-pink flowers of largest size. 30c each; \$3.00 per doz.
- Mont Blanc.** 3½ ft. Green foliage; almost pure white flowers. 25c each; \$2.00 per doz.
- Niagara.** 3 ft. Green foliage; flowers are rich, deep crimson with irregular border of golden yellow; a popular variety. 15c each; \$1.50 per doz.
- Olympic.** 5 ft. Green foliage; flowers are very large, of a captivating shade of rich orient-red, with centre of lighter shade and dappled carmine. 50c each; \$5.00 per doz.
- Panama.** 3 ft. Green foliage; flowers are of an unusual, attractive, rich orange red, with edge of bright golden yellow; the petals are almost round, being as broad as they are long. 35c each; \$3.50 per doz.
- Pillar of Fire.** 6 ft. Green foliage; the giant of its class; flowers bright crimson scarlet. 15c each; \$1.50 per doz.
- Rosea Gigantea.** 4 ft. Green foliage. Rich rose-pink flowers of giant size; a prodigious bloomer. 25c each; \$2.00 per doz.
- Richard Wallace.** 4 ft. Green foliage; flowers large, pure yellow. 15c each; \$1.50 per doz.
- Wabash.** 4 ft. Bronze-leaved. Flowers carmine pink, unusually large. Well described as the bronze-leaved Rosea Gigantea. 20c each; \$2.00 per doz.
- Wintzer's Colossal.** 5 to 6 ft. Green foliage. Orchid flowers 8 inches across, vivid scarlet; the largest Canna in commerce. 25c each; \$2.50 per doz.
- Yellow King Humbert (Queen Helene).** This new variety is identical with King Humbert in habit of growth and flowering. It produces yellow flowers dotted with red, and has green foliage. 25c each; \$2.50 per doz.

Breck's Hardy Plants

Orders for hardy plants and trees are filled and shipped from our 100-acre nurseries at Lexington. Customers are invited to visit these grounds and inspect our immense stock of growing things, which is intended to cover all requirements for garden and landscape planting.

BRECK-ROBINSON NURSERY CO., Munroe Station, LEXINGTON, MASS.



An effective Mass-Planting of Frau Karl Druschki

ROSES

Roses are probably the most popular and satisfying of the out-of-door flowers. Given plenty of sunshine and water, they more than repay their cost in wealth of bloom the first season.

After May first, only potted roses are recommended. Dormant plants can scarcely be relied upon for vigorous growth if set out later than that date. In early spring, dormant roses will be furnished at prices noted.

Hybrid Perpetual Roses

Dormant Plants (before May 1st), 60c each; \$6.00 per doz.; \$40.00 per 100.

Potted Plants, 75c each; \$7.50 per doz.

(Unless otherwise priced.)

- Alfred Colomb.** Large, free-blooming; brilliant carmine-crimson. (Dormant only.)
- Anne de Diesbach.** Very large and fragrant; carmine.
- Baron de Bonstettin.** Rich velvet maroon.
- Captain Haywood.** Bright scarlet.
- Clio.** Vigorous and extra fine; flesh, shaded with rosy pink. (Dormant only.)
- Earl of Dufferin.** Vigorous; velvety crimson, shaded maroon. (Dormant only.)
- Frau Karl Druschki** (Snow Queen). The best white rose.
- Harrison's Yellow.** Semi-double; clear, golden yellow.
- His Majesty.** Often called the "Crimson Frau Karl Druschki." Blooms large and full; deep, dark crimson, highly perfumed.
- George Arends** (Pink Frau Karl Druschki). Like the foregoing, this retains the size and fullness of the famous white Druschki, but is a delicate pink in color.
- General Jacqueminot.** Fragrant; good forcer; scarlet-crimson.
- Hugh Dickson.** Large and full; crimson and scarlet.
- John Hopper.** Profuse bloomer; brilliant rosy crimson.
- Madam Gabriel Luizet.** Large, cup-shaped; pink.
- Magna Charta.** Fragrant; pink, suffused with carmine.
- Margaret Dickson.** Large petals; white, pale flesh center.
- Marshall P. Wilder.** Fragrant; blooms late; cherry-carmine.
- Mrs. John Laing.** Large, fine form; soft pink.
- Mrs. R. G. S. Crawford.** Light flesh pink.
- Paul Neyron.** Extra large, free blooming; deep rose.
- Persian Yellow.** Large, free-blooming; deep golden yellow. (Dormant only.)
- Soleil d'Or.** Shades of golden yellow and orange. Dormant, 75c each; potted 90c each.
- Ulrich Brunner.** One of the best; cherry, lighted with red.

Hybrid Tea Roses

EVERBLOOMING

Dormant Plants, 75c each; \$7.50 per doz. Potted Plants, 90c each; \$9.00 per doz. (Unless otherwise priced.)

Bessie Brown. White, flushed with pink.

Betty. Coppery yellow.

Colleen. Brilliant rose-pink and crimson shadings over creamy-yellow; fragrant. Dormant.

Duchess of Wellington. Saffron yellow, stained crimson.

Edith Part. Rich red, suffused salmon.

Edward Mawley. One of the most beautiful of the ever-blooming rich crimson, shaded with velvety maroon.

Etoile de France. Cup-shaped, fragrant; velvety crimson.

Francis Scott Key. A heavy double rose of great substance; finely formed, free-blooming, rich crimson red. (Potted only.)

General MacArthur. Very fine; crimson-scarlet.

Gen. Sup. A. Janssen. Deep carmine red.

Gloire de Dijon. Hardy; combined salmon, rose, yellow.

Gruss an Teplitz. Hardy; free-flowering; crimson.

Hadley. Deep, velvety crimson, brilliant and fragrant; long stemmed. Potted, 90c each.

Harry Kirk. Deep sulphur yellow.

Jonkheer J. L. Mock. Carmine, changing to pink.

Kaiserin Augusta Victoria. Large; creamy white.

Killarney Brilliant. Bright, true pink.

Killarney. Queen of the Irish roses; carmine-pink.

La France. Constant bloomer; rose, changing to a pink.

Laurent Carle. Velvety carmine.

Los Angeles. A remarkable new rose of American origin. Long-stemmed, luminous flame-pink flowers, shaded with coral and gold. Large, perfectly formed, fragrant. \$1.50 each; \$18 per doz. (in pots).

Mad. Caroline Testout. Brilliant, satiny rose.

Mad. Edouard Herriot. Semi-double; coral red, shaded with yellow and bright rosy scarlet passing to shrimp red; buds slender and pointed. Dormant, 60c; potted, 75c.

Special Rose Catalogue sent on request.

H. T. ROSES (Continued)

- Maman Cochet.** Vigorous and free-blooming; pink.
Mrs. Aaron Ward. Free-flowering; Indian-yellow. Dormant, 60c; potted, 75c.
Ophelia. Brilliant salmon flesh, shaded rose.
Radiance. Carmine pink to coppery yellow.
Rhea Reid. Rich red, very double.
Sunburst. Coppery-orange and golden yellow. This rose has gained great favor since its introduction in 1912. Dormant, 60c; potted, 75c.
Viscountess Folkstone. Cream-white, with salmon-pink center. A favorite.
White Killarney. Pure white.
White Maman Cochet. Like Maman Cochet, but white.
William R. Smith. Creamy white, shaded with rose.
Willowmere. Rich carmine pink, shading yellow.

Climbing Roses

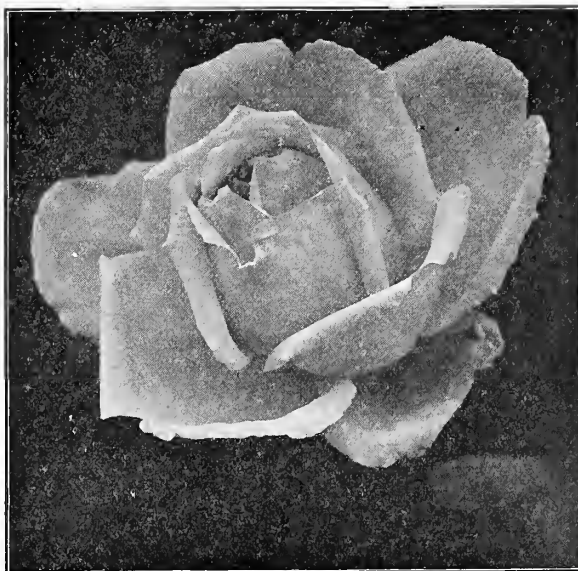
Dormant, 50c; potted, 60c; unless otherwise noted.

- Climbing American Beauty.** The best-known of the climbing H. T. roses. Combines the attractiveness of the parent "Beauty" with vigorous climbing habit.
Climbing Gruss an Teplitz. Free-flowering as the bedding variety. Potted, 60c.
Climbing K. A. Victoria. Creamy white; vigorous habit. Potted, 60c.
Crimson Rambler. Well-known and popular.
Dorothy Perkins. Vigorous; good foliage; shell-pink.
Dr. W. Van Fleet. Delicate flesh-pink; pointed buds, large full flowers. Bronze foliage. Dormant, 60c.
Evangeline. A strong climber of the Wichuraiana type. White flowers, tipped with pink. Dormant, 50c.
Excelsa. A new Crimson Rambler; deep crimson.
Flower of Fairfield (Everblooming Crimson Rambler). Crimson, with white at base of petals. Dormant, 50c.
Gardenia. Rich golden yellow flowers, suffused with creamy white. A Wichuraiana hybrid.
Hiawatha. Ruby carmine, with clear white eye.
Lady Gay. Beautiful rose pink.
Silver Moon. A new, free-blooming climber, with rich, bronzy foliage. Flowers white, large, single, very fragrant. Dormant, 60c; potted, 75c.
Tausendschon. One of the best; white and delicate pink. Dormant, 60c; potted, 75c.
White Dorothy. Vigorous and fine. Dormant only.
White Rambler. Many small flowers. Dormant only.
Wichuraiana (Memorial Rose). Trailing; white flowers. Dormant only.
Yellow Rambler. Yellow in bud, fading as the flowers open. Dormant only.



Climbing American Beauty

Arbors and Trellises for Climbing Roses—Made in our own Shop.



Colleen

Dwarf Polyantha Roses (Baby Ramblers)

Dormant, 50c; Potted, 60c.

- Anny Muller.** Profuse bloomer; brilliant rose.
Baby Tausendschon. Vigorous; white and pink.
Clothilde Soupert. White, with rosy centers. Dormant only.
Jessie. Constant bloomer; cherry-crimson.
Madame Norbert Levavasseur. Crimson Baby Rambler.
Maman Levavasseur. Pink Baby Rambler.
Orleans. Vigorous and free-blooming; geranium rose.

Moss Roses

- Crested Moss.** Pink buds with mossy fringe. 50c each.
Salet Moss. Vigorous; large flowers; light rose. 50c each.

Rugosa or Japanese Roses

- Rosa rugosa.** Fine foliage, flowers, and bright red fruit. 35c each; \$3.50 doz. Dormant only.
 var. **alba.** Same as above, with white flowers. 35c; \$3.50 doz. Dormant only.
 var. **Conradi Ferdinand Meyer.** Double; clear rose. 35c; dormant only.
 var. **Mme. George Bruant.** Semi-double; white. 35c and 50c.
 var. **Roseaie de l'Hay.** Double; carmine cherry-red. 35c; dormant only.

Miscellaneous Roses

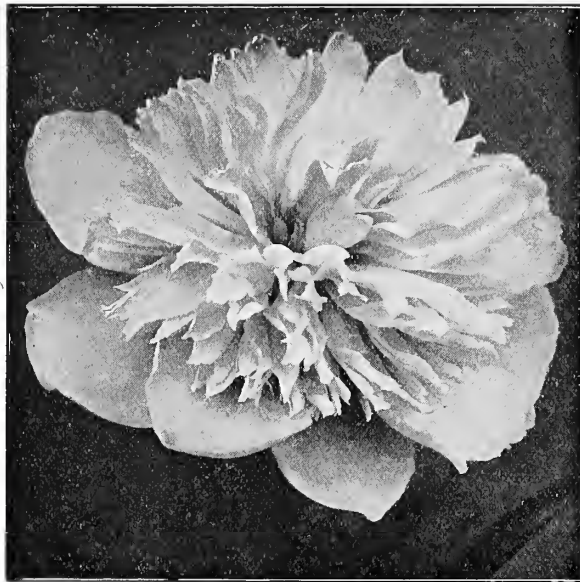
(Dormant only.)

- Rosa rubiginosa (Sweet Briar).** Fragrant foliage. 25c; 2.50 doz.
R. rubrifolia. Red leaves; red flowers. 30c; \$3.00 doz.
Madam Plantier. Good for massing; white. 25c; \$2.50 doz.

LANDSCAPE SERVICE

Making a specialty of Rose and Flower gardens, as well as general landscape work, we are in a position to render valuable aid in the planning of such features for the home grounds. Our representative will call upon request.

Telephone, Lexington 260.



Peony Jeanne d'Arc

THE PAEONIES

Paeonies should be planted in good, rich, deep moist soil, after which they will require less attention than any other class of flowering plants. They are perfectly hardy and their remarkable freedom from disease and insects makes them most desirable. Paeonies thrive in all locations whether in the broad sunlight or partial shade.

Albatre. Milk-white, tinged lilac, edged with carmine.

Fragrant. Tall, mid-season. 50c each; \$5.00 doz.

Charlemagne. Lilac-white with blush center. Fragrant, medium-tall; late. 50c each.

Couronne D'Or. Pure white, with yellow stamens, tipped carmine. Medium tall; late. 75c each; \$7.50 per doz.

Duchesse de Nemours. Pure white crown, sulphur-white collar. Fragrant. Medium height; early. 50c each; \$5 doz.

Felix Crousse. Late. Deep crimson, marked with cardinal. 75c each; \$7.50 doz.

Festiva Maxima. Pure white, prominently flecked crimson; outer petals sometimes faint lilac-white. Tall; early. 50c each; \$5 doz.

Jeanne d'Arc. Large, bomb type; center pale lilac, collar cream white touched with sulphur; mid-season. 50c each.

Madam Crousse. Pure white; center flecked crimson; mid-season. 50c each.

Madam de Verneville. Pure white, center blush fading to pure white, carmine flecks. Medium height; early. 50c each.

Marie Lemoine. Pure white with cream-white center, occasional carmine tip. Medium height; very late. 50c each.

Meissonier. Brilliant purple red. Very tall; mid-season. 50c each.

Monsieur Dupont. Milk-white center, splashed crimson. Tall; mid-season. 75c each.

Mont Blanc. Pure white with cream white center. 75c each; \$7.50 doz.

Officinalis Rosea. Crimson, changing to rose. 35c each.

Officinalis rubra. The old-fashioned red peony. 35c each.

Choice Mixed. Unnamed varieties. 25c each; \$2.50 doz.

Japanese Single Paeonies

Few plants can vie with the Single Paeony for beauty, and an established bed in full bloom is gorgeous. Price 50c each; \$5 per doz.

Diana. White, creamy white center.

Dragon. Very large dark crimson.

Mikado. Deep lilac rose, silvery markings.

HARDY PHLOX

Old-fashioned flowers, improved in form and coloring, the hardy Phloxes are invaluable for massing in the flower-garden or horder. Price, 15c each; \$1.50 per doz., except as noted.

Africa. Carmine purple, blood-red eye. 25c each; \$2.50 doz.

Annie Cook. Flesh pink. Very fragrant.

Baron Van Dedem. Glistening scarlet, blood-red. 20c each.

B. Comte. Brilliant, rich French purple. 20c each; \$2.00 doz.

Bridesmaid. Pure white, crimson-carmine eye. 20c each; \$2.00 doz.

Elisabeth Campbell. Light salmon, pink centre. The best pink Phlox for bedding. 25c each; \$2.50 doz.

Europa. White with crimson-carmine eye. The individual flowers and trusses are very large. 25c each; \$2.50 doz.

Frau Ant. Buchner. The finest pure white Phlox. 25c each.

General Chanzy. Scarlet-pink, with salmon tint. Brilliant.

General Van Heutz. Brilliant salmon-red; with white centre. 20c each; \$2.00 doz.

Geo. A. Strohlen. Bright scarlet, with crimson red eye. Large flower. 20c each; \$2.00 doz.

Goliath. Rich crimson carmine; very tall. 20c each; \$2.00 doz.

Gruppenkonigin. Flesh colored rose, carmine eye. 20c each; \$2.00 doz.

Independence. Large pure white flowers. Dwarf habit.

Jeanne d'Arc. Pure white. Flowers extra large. Late.

Le Soleil. Bright china rose, rose centre. Early.

Miss Lingard. White. June to August. Foliage glossy.

Mad. Paul Dutrie. Soft pink color. 20c each; \$2.00 doz.

Rynstrom. Uniform color, not unlike that of Paul Neyron Rose. 20c each; \$2.00 doz.

R. P. Struthers. Bright pinkish salmon, with crimson eye. New and most excellent.

Rosenberg. Bright reddish-violet with blood red eye.

Stella's Choice. Tall; pure white, very late.

Von Lassburg. Pure white flowers.

DWARF SPECIES

Phlox subulata (Moss Pink). Pink, 4 to 6 inches, April and May. Foliage, moss-like and deep green; creeping habit. 10c each; \$1.00 per doz.

P. var. alba. White form of the above. Very effective in masses. 10c each; \$1.00 per doz.



Phlox Europa

For additional varieties and descriptions see Nursery Catalogue.



Iris Germanica (German Iris)

German Iris

The German Iris is among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots.

In the following description "S" signifies the standards, or erect petals; "F" the falls, or drooping petals.

Prices, except where noted, 15c each; \$1.50 per doz.; \$10.00 per 100.

- Asiatica. S. Purple plume. F. Darker purple.
- Aurea. S. and F. Clear rich yellow.
- Canary Bird. S. Canary-yellow. F. Crimson-purple.
- Celeste. Pure celestial blue, changing to porcelain.
- Darius. S. Lemon. F. Yellow, veined and corded with purple.
- Donna Maria. S. Azure. F. Purple.
- Duchesse de Nemours. S. Pale lilac. F. Purple-violet, veined white.
- Flavescens. Light primrose-yellow, large flowers.
- Florentina alba. S. and F. Light porcelain-blue, changing to white.
- Florentina Blue. S. and F. Pale-blue. Fragrant.
- Gracchus. S. Creamy yellow. F. Velvet purple, yellow striped.
- Hector. Yellow and brownish red.
- Honorabilis. S. Indian-yellow. F. Chestnut-red.
- La Tendrer. S. Lavender-blue. F. Blue, veined violet.
- Madame Chereau. Pure white, penciled violet.
- Mrs. H. Darwin. White, veined purple.
- Pallida Dalmatica. 3 to 4 ft. Lavender, stately spikes. New and very fine. 25c each; 2.50 per doz.
- Pallida speciosa. S. Violet-blue. F. Purple.
- Princess of Wales. Combination violet-purple, violet and yellow.
- Purple Queen. S. and F. Rich violet-purple.
- Queen of May. S. and F. Bright rosy lavender.
- Silver King. S. and F. Pure white, large. Fragrant.

Japanese Iris

The flowers of the Japanese Iris are often 8 inches across, and of remarkably varied and beautiful colors. They thrive best in a rich and somewhat moist soil. The blooming season is from the middle of June to about August 1.

Large Plants, 30c each; \$3.00 per doz.

Mixed Colors, unnamed, 15c each; \$1.50 per doz.

(Order by number or name.)

- No. 4 Kumo-no-obi. Double violet-purple, white centre.

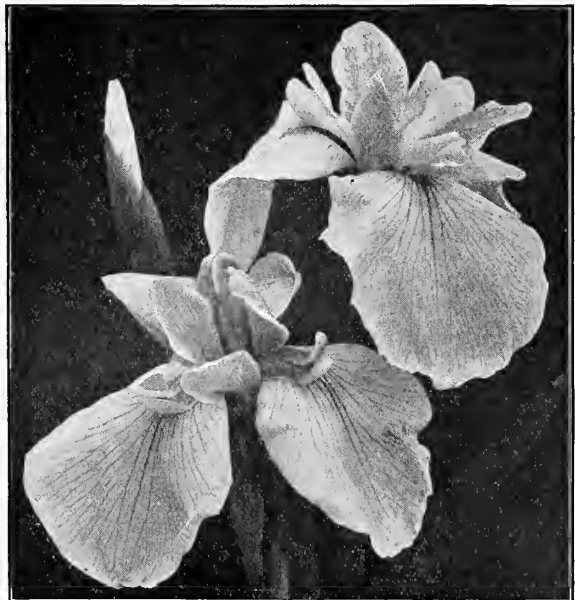
- No. 7 Sofu-no-koi. Double light blue, with pink marking.
- No. 8 Mana-dowru. Double white, penciled blue, purple centre.
- No. 10 Yomo-no-umi. Double, maltese lavender, purple centre, penciled.
- No. 11 Mei-ran. Single carmine rose.
- No. 12 Kuma-funjin. Double, dark purple, blue centre.
- No. 14 Hana-aoi. Double, bright violet-blue, shaded white.
- No. 15 Uchin. Double bluish purple, veined white.
- No. 16 Oshkun. Double navy-blue, purple centre.
- No. 19 Kimi-no-megumi. Single, light blue, penciled, red centre.
- No. 20 Kumo-no-uys. Double, very dark bluish purple.
- No. 23 Oniga-shima. Double, violet purple-sapphire centre.
- No. 26 Senjo-no-hora. Double, dark red, splashed white.
- No. 28 Shira-taki. Double, white with yellow marking.
- No. 29 Shiga-no-wia-nami. Double, sapphire and blue, penciled white.
- No. 30 Kagaribi. Double, rose red, penciled white.
- No. 31 Kosui-no-iro. Double, very light blue, white centre.
- No. 32 Komochi-guma. Single, very dark bluish purple.
- No. 33 Kaku-jaku-ro. Single, light pink and blue, penciled white.
- No. 34 Momiji-no-taki. Double, pink ground, blue and yellow veined.

Hardy Garden Chrysanthemums

These old-fashioned plants are eagerly sought for by garden lovers, and we are able to offer a large number of new varieties which are of great value.

Price 15c each; \$1.50 per doz.; \$10.00 per 100.

- Aberdeen. Bronze (Button).
- Arabella. Pink.
- Boston. Golden bronze.
- Bridesmaid. Blush.
- Canary. Pale yellow.
- Davidiana. Pink.
- Golden Pheasant. Rich golden-yellow.
- Julia Lagravere. Dark red.
- President. Deep yellow; large.
- Seven Oaks. Pale yellow, free-flowering.
- Syracuse. Large dark red.
- Soleil d'Or. Orange.
- Trojan. Maroon, with yellow centre.
- Victor. Rosy crimson.



Iris Kaempferi (Japanese Iris)



Canterbury Bells and Foxgloves

HARDY HERBACEOUS PERENNIALS

The Perennials supply us with some of the most beautiful and interesting plants available for out-of-door culture. By judicious selection a succession of bloom from spring until frost, with wonderful range of color, may be obtained. Time of flowering and approximate height of each is indicated.

- Achillea "The Pearl."** Pure white double. June. 2 ft. 15c each; \$1.50 per doz.
- Alyssum saxatile compactum.** Beautiful yellow flowers in spring. 6 in. 15c each; \$1.50 per doz.
- Anemone japonica.** Dark pink flowers in August and Sept. 2 ft. 15c each; \$1.50 per doz.
- A. japonica, Whirlwind.** Beautiful white. 2 ft. 15c each; \$1.50 per doz.
- Anthemis tinctoria** (Yellow Marguerite). Flowers June to October. 2 to 3 ft. 15c each; \$1.50 per doz.
- Aquilegia canadensis.** Scarlet and yellow. July. 1½ ft. 15c each; \$1.50 per doz.
- A. chrysantha.** Rich yellow. July. 3 ft. 15c each; \$1.50 per doz.
- A. coerulea hybrida.** Shades of blue, white, pink, yellow, etc. 1½ ft. 15c each; \$1.50 per doz.
- Arabis alpina plena** (Alpine Rock Cress). (Perennial, White Alyssum). White. May. 6 to 9 in. 15c each; \$1.50 per doz.
- Armeria maritima** (Sea Pink). Bright Rose. May to frost. 9 in. 15c each; \$1.50 per doz.
- A. var. Lauchiana.** Dwarf, similar to above; bright pink. 15c each; \$1.50 per doz.
- Aster, Beauty of Colwall.** Lavender, double. September. 4 ft. 25c each; \$2.50 per doz.
- A. nova angliae.** Bluish-purple. September. 4 ft. 15c each; \$1.50 per doz.
- A. nova angliae preziosa.** Deep blue. September. 4 ft. 15c each; \$1.50 per doz.
- Baptisia australis** (False Indigo). Dark blue. July. 3 ft. 15c each; \$1.50 per doz.
- Boltonia latiflora.** Clear lilac. September. 4 ft. 15c each; \$1.50 per doz.
- Campanula carpatica.** Clear blue. Summer. 3 to 4 ft. 15c each; \$1.50 per doz.
- C. persicifolia** (Peach-leaved Bell Flower). Porcelain blue. June to August. 2 to 3 ft. 15c each; \$1.50 per doz.
- C. media** (Canterbury Bell). June and July. 3 to 4 ft. Blue, white. 15c each; \$1.50 per doz.
- Centaurea montana.** Colors red, white, blue and pink. Summer. 1½ ft. 20c each; \$2.00 per doz.
- Coreopsis grandiflora.** Golden-yellow. Summer. 2 ft. 15c each; \$1.50 per doz.
- Delphinium chinense.** Intense blue. Summer. 2 ft. 15c each; \$1.50 per doz.
- D. formosum.** Blue, white centre. Summer. 3 ft. 15c each; \$1.50 per doz.
- D. Belladonna.** A very popular light blue variety. 3 ft. 25c each; \$2.50 per doz.
- Dianthus barbatus** (Sweet William). Mixed colors. June and July. 20 in. 15c each; \$1.50 per doz.
- D. plumarius** (Scotch Pink). Fragrant pink flowers. June. 9 in. 15c each; \$1.50 per doz.
- Dicentra spectabilis** (Bleeding Heart). Pink. Spring. 2 ft. 15c each; \$1.50 per doz.
- Digitalis purpurea** (Foxglove). Purple and white. June. 3 to 4 ft. 15c each; \$1.50 per doz.
- Eulalia zebrina.** A stately grass with green and yellow leaves. 6 ft. 20c each; \$2.00 per doz.
- Funkia variegata** (Plaintain Lily). Blue with variegated foliage. July. 1 to 2 ft. 15c each; \$1.50 per doz.
- F. subcordata grandiflora** (White Day Lily). Pure white. July to Sept. 2 ft. 15c each; \$1.50 per doz.
- Gaillardia grandiflora** (Blanket Flower). Red and yellow. July. 2 to 3 ft. 15c each; \$1.50 per doz.
- Gypsophila paniculata.** Small white flowers in great profusion. Summer. 2 ft. 15c each; \$1.50 per doz.
- Helenium autumnale superbum.** Bright yellow. August. 5 ft. 15c each; \$1.50 per doz.
- H. hoopesi.** Orange yellow. June and July. 2 to 3 ft. 15c each; \$1.50 per doz.
- Helianthus decapetalus.** Bright yellow. Summer. 5 ft. 15c each; \$1.50 per doz.
- H. mollis.** Yellow flowers, downy, silvery foliage. 3 ft. 15c each; \$1.50 per doz.
- H. multiflorus fl. pl.** (So-called Hardy Dahlia). Double yellow. Aug. to Sept. 4 ft. 15c each; \$1.50 per doz.

Consult our LANDSCAPE DEPARTMENT for advice as to selection and arrangement.

HARDY HERBACEOUS PERENNIALS—Continued

- Heliopsis Pitcherii.** Golden-yellow. July to Sept. 6 ft. 15c each; \$1.50 per doz.
- Helleborus niger** (Christmas Rose). Large white. December. Frame culture. 35c each; \$3.50 per doz.
- Hemerocallis flava.** Golden yellow flowers. Summer. 3 ft. 15c each; \$1.50 per doz.
- H. Thunbergii.** Lemon yellow. Summer. 3 ft. 15c each; \$1.50 per doz.
- Heuchera sanguinea.** Bright red flowers. Handsome foliage. Summer. 1½ ft. 15c each; \$1.50 per doz.
- Hibiscus moscheutos, Crimson Eye.** White, with crimson eye. Aug. to Sept. 3 to 4 ft. 15c each; \$1.50 per doz.
- Iberis sempervirens** (Perennial Candytuft). Flowers white, foliage evergreen. May to June. 8 to 12 inches. 15c each; \$1.50 per doz.
- Lathyrus latifolius** (Perennial Pea). Bright red. Summer. 5 ft. 20c each; \$2.00 per doz.
- L. var. Albus.** White, otherwise like above. 20c each; \$2.00 per doz.
- Lavandula vera** (English Lavender). July. 1 to 2 ft. 15c each; \$1.50 per doz.
- Liatris pycnostachya.** Lavender-purple. Summer. 5 ft. 15c each; \$1.50 per doz.
- Lobelia cardinalis** (Cardinal Flower). 3 ft. August. Scarlet. Very showy border plant. 15c each; \$1.50 per doz.
- Lupinus polyphyllus.** Blue, pea-like flowers. 4 ft. 15c each; \$1.50 per doz.
- L. albus.** White, form of preceding. 20c each; \$2.00 per doz.
- Lychnis chalcidonica.** Brilliant scarlet. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- L. plenissima.** Pink. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Lythrum roseum superbum.** Rosy-red. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Monarda didyma.** Brilliant scarlet. Foliage sweet-scented. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Myosotis palustris semperflorens** (Forget-me-not). Light blue. Summer. 15c each; \$1.50 per doz.
- Oenothera Youngii.** Clear yellow. 2 inches in diameter. June to Aug. 2 ft. 15c each; \$1.50 per doz.

- Papaver orientale** (Oriental Poppy).
P. Royal Scarlet. Scarlet. Small blotches, 2 ft. 25c each; \$2.00 per dozen.
- P. nudicaule** (Iceland Poppy). Yellow. 1 ft. 15c each; \$1.50 per doz.
- Pentstemon barbatus Torreyii** (Beard-tongue). Bright red. July. 4 to 5 ft. 15c each; \$1.50 per doz.
- Physostegia virginica.** Spikes of tubular-shaped, pink flowers. August. 3 to 4 ft. 15c each; \$1.50 per doz.
- Platycodon grandiflora.** Very dark blue. July to October. 2 to 3 ft. 15c each; \$1.50 per doz.
- Primula officinalis hybrida** (English Primrose). Shades of white, yellow and red. Spring. 1 ft. 20c each; \$2.00 per doz.
- P. veris superba.** Large yellow. 1½ ft. 20c each; \$2.00 per doz.
- Pyrethrum roseum hybridum.** Single and double mixed. Colors range white to dark crimson. Summer. 2 ft. 15c each; \$1.50 per doz.
- Scabiosa caucasica.** Lilac-blue. Summer. 18 inches. 15c each; \$1.50 per doz.
- Sedum spectabilis** (Showy Stonecrop). Rosy purple. September. 18 inches. 15c each; \$1.50 per doz.
- Shasta Daisy.** Large snowy-white flowers, in bloom continuously throughout the entire summer and fall. 15c each; \$1.50 per doz.
- Spiraea Gladstonei.** White flower. Palm-like foliage. Summer. 2 ft. 25c each; \$2.50 per doz.
- S. filipendula plena.** Fern-like foliage, creamy white flowers. 2 ft. 15c each; \$1.50 per doz.
- Stokesia cyanea** (Cornflower Aster). Lavender blue. Aug. to Oct. 18 to 24 inches. 15c each; \$1.50 per doz.
- Tritoma uvaria grandiflora.** Red and yellow. Aug. to Oct. 3 ft. 15c each; \$1.50 per doz.
- T. Pfitzerii.** Orange-scarlet. Aug. to Oct. 4 ft. 15c each; \$1.50 per doz.
- T. nobilis** (Red Hot Poker). Aug. to Nov. 6 ft. 35c each; \$3.50 per doz.
- Trollius Europaeus.** May. Yellow. 18 inches. 15c each; \$1.50 per doz.
- Veronica longifolia subsessilis.** Blue Flowers. Aug. to Sept. 2 ft. 20c each; \$2.00 per doz.
- Yuca filamentosa** (Adam's Needle). Early growth, drooping white flowers. 6 ft. Clumps, 50c each.

VINES AND CREEPERS

- Actinidia polygama, or arguta.** Glossy foliage with red stems. Strong grower. 3 yr., 50c each, \$5.00 doz.
- Akebia quinata.** Clover-like leaves. 30c each, \$3.00 doz.
- Ampelopsis quinquefolia.** Common woodbine, or Virginia creeper. 3 yr., 30c each, \$3.00 per doz., \$15.00 per 100.
- A. var. Englemanni.** Like the above, but clings closely to any surface. Hardy and rapid-growing. 30c each; \$3.00 per doz.
- A. Veitchii (or tricuspidata).** "Boston Ivy." Commonly used for covering buildings. 3 yr., 50c, \$5.00 per doz.
- Aristolochia siphon** (Dutchman's Pipe). Large heart-shaped leaves. 75c each.
- Celastrus Scandens** (Roxbury Waxwork; Bitter sweet). Shrubby climber. Orange and crimson, capsuled fruit. 3 yr., 35c each, \$3.00 per doz.
- Clematis paniculata.** Rapid grower. White fragrant flowers in September. 3 yr., 35c each; \$3.50 per doz.
- C. Virginiana** (Virgin's Bower). Good climber, white flowers and tufted seeds. 3 yr., 30c, \$3.00 per doz.
- Clematis, Large Flowered.** 60c; \$6.00 per doz.
- C. Henryi.** Large creamy white flower.
- C. Jackmani.** Violet purple, free flowering.
- C. Madamé Andre.** Large crimson flower.

- Euonymus radicans.** Evergreen, creeping or climbing. Clings to wall-surfaces like Ivy when once established. 30c each; \$3.00 per doz.
- Hedera Helix** (English Ivy). Dark, glossy, evergreen leaves. Grows best in partial shade, with protection first winter. 35c; \$3.50 per doz. Larger specimens, \$1.00 to \$5.00 each.
- Humulus Lupulus** (Hop-Vine). July and August. Rapid grower. 25c each; \$2.50 per doz.
- Lonicera Halleana** (Hall's Evergreen Honeysuckle). Grows rapidly and blooms freely. Useful for covering embankments or fences. 30c each; \$3.00 per doz.; \$18.00 per 100.
- L. Sempervirens** (Scarlet Trumpet Honeysuckle). Tubular flowers, handsome foliage and fruit. 3 yr., 35c each; \$3.50 per doz.
- Tecoma (Bignonia) radicans** (Trumpet Vine). Orange and scarlet flowers. 35c; \$3.50 per doz.
- Wistaria Chinensis** (Chinese Wistaria). Pendulous blue flower, clusters in May. 75c; extra large, \$1.00 each.
- W. var. alba.** White flowered variety. 75c each.
- W. Multijuga.** Extra long purple flower-racemes. 75c each.

Trellises, Arches, Arbors, in stock and to order.



EVERGREENS

Abbreviations.—Size: L, large; M, medium; S, small; D, dwarf; VD, very dwarf. Rapidity of growth: r, rapid; m, medium; s, slow; v, vigorous.

Abies balsamea (Balsam Fir). L. Of rapid, slender pyramidal growth, with very dark foliage. Grows in cold, wet ground as well as in better soil. 3 to 4 ft., \$1.50 each.

A. concolor; syn., *lasiocarpa*. Lm. It is from Colorado, and grows to a height of 50 feet and more. The foliage varies exceedingly in color from a glaucous-blue to a very light green. It is graceful and feathery, and as it grows older retains its lower limbs. 3 to 4 ft., \$5.00 each; 4 to 5 ft., \$7.00 each.

Juniperus communis (Common Juniper). Usually a shrub with spreading, sometimes prostrate, branches which curve upwards near the ends; widely distributed throughout the colder regions and mountains of the Northern Hemisphere. Foliage grayish green, very dense. A beautiful shrub valuable in rockeries or as a ground cover. 18 in., \$1.50 each; 2 ft., \$2.50 each.

J. var. Hibernica (Irish Juniper). Mm. Of dense pillar-like growth. Glaucous green foliage. 2 to 3 ft., \$1.50 each; 4 ft., \$2.00 each.

J. Sabina (Savin Juniper). VDs. Prostrate, spreading branches, with somber green foliage. Hardy and well adapted for hillsides, etc. 18 to 24 in., \$1.50 each; 2 to 3 ft., \$2.00 each.

J. Virginiana (Red Cedar). Mm. Tapering form, bright, rich green foliage. Useful for ornamental planting. 2 ft., \$1.00 each; 3 ft., \$1.75 each; 4 ft., \$2.50 each.

Picea alba (White Spruce). Lm. Light, silvery green foliage and dense pyramidal growth. Hardy in all locations. 2 to 3 ft., \$1.00 each; 3 to 4 ft., \$1.50 each.

P. excelsa (Norway Spruce). Lr. The most generally used of evergreen trees. Useful for screens and wind-breaks on account of its rapid growth. It makes a tall tree, and, as an individual tree, with room to develop, is of pyramidal, symmetrical growth, its lower branches sweeping the ground. 2 to 3 ft., 75c each; 3 to 4 ft., \$1.25 each; 4 to 5 ft., \$2.25 each; 5 to 6 ft., \$3.50 each.

P. pungens glauca Kosterii (Koster's Blue Spruce). Lr. Stiff, pungent foliage and clusters of cones. The most highly-colored variety. No evergreen tree can excel it as it has the advantage of growing vigorously where many evergreens fail; withstands the coldest seasons. 2 to 2½ ft., \$3.00; 2½ to 3 ft., \$4.50; 3 to 4 ft., \$6.00 each. (Prices quoted on larger specimens.)

Pinus Austriaca; syn., *nigricans* (Austrian, or Black pine). Lr. A robust-growing variety, with long, dark green stiff needles. Does well on all soils, and is one of the best evergreens for seashore planting. 2 to 3 ft., \$1.75 each.

P. mughus (Dwarf Mugho Pine). Ds. Of the highest value where a low, dense, spreading growth is desired. Very dark foliage and extremely hardy. 12 to 15 in. spread, \$1.50; 18 to 24 in., \$2.50.

P. strobus (White Pine). Lr. The most valuable of all native evergreens for timber purposes. A well-grown individual tree, with its light, silvery foliage; is always highly ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub. 2 to 3 ft., \$1.00; 3 to 4 ft., \$1.50; 4 to 5 ft., \$2.00; 5 to 6 ft., \$2.50 each.

Retinospora var. plumosa (Plume-like Japan Cypress). Lr. One of the hardiest and best. Delicate glaucous foliage. 2 to 3 ft., \$2.00; 3 to 4 ft., \$3.00; 4 to 5 ft., \$5.00.

R. var. plumosa aurea. Lm. A striking, fine form of the above, and very hardy. Brilliantly golden throughout the season. One of the most desirable. 2 to 3 ft., \$2.00, 3 to 4 ft., \$3.00; 4 to 5 ft., \$5.00.

Thuya occidentalis (American Arborvitae). Mr. Of conical form and rapid growth. Used largely for hedges. 3 ft., \$1.50 each; 4 ft., \$2.00 each; 5 ft., \$3.00 each.

T. var. pyramidalis (Pyramidal Arborvitae). Of upright, columnar growth. 3 ft., \$1.75; 4 ft., \$2.50; 5 ft., \$3.50 each.

Tsuga Canadensis (Hemlock Spruce). Lr. A graceful tree, with loose, open growth, and yew-like foliage. It can be kept in dense form if pruned. Prefers moist soil. 2 to 3 ft., \$1.50; 3 to 4 ft., \$2.00.

HARDY EVERGREEN SHRUBS

Daphne Cneorum (Garland Flower). A dwarf evergreen plant with shiny leaves. Bears a profusion of bright pink, fragrant blossoms in May. 6 to 8 in., 50c; 8 to 10 in., 75c.

Kalmia latifolia (Mountain Laurel). A native evergreen shrub. Glossy foliage, beautiful pink and white flowers in June. 18 to 24 in., \$1.50; \$15.00 doz.; carloads, \$150 to \$200; specimens, \$2 to \$5 each.

Leucothoe Catesbaei. Small with thick foliage. Showy spikes of white flowers in May. 15 to 18 in., 60c and \$1.00 each.

Mahonia or **Berberis aquifolia** (Ashberry). Large spiny leaves, turning scarlet in fall. Bright yellow flowers in May. 12 to 18 in., 30c; 18 to 24 in., 50c.

Pachysandra terminalis (Japanese Spurge). An evergreen plant forming a mat of glossy foliage. 15c each; \$1.50 doz.

For more complete list see General Nursery Catalogue.

RHODODENDRONS

It is our purpose to list only such varieties of this popular evergreen as have proved hardy in this latitude. Proper exposure (half-shade, protected from winds and hot sun) has much to do with their successful growth, as well as thorough preparation of the soil with leafmold or peat. Pick off seed-pods after blossoms have dropped. Mulch heavily with leaves or litter.

Named Hybrids

| | Each | Per doz. |
|---|--------|----------|
| Well budded | | |
| 18 to 24 in..... | \$2.00 | \$20.00 |
| 24 to 30 in..... | 2.50 | 25.00 |
| 30 to 36 in..... | 5.00 | 50.00 |
| Abraham Lincoln. Rosy crimson. | | |
| Album elegans. Blush, changing to white. | | |
| Atrosanguineum. Intense blood-red. | | |
| Boule de Neige. Pure white; very hardy. | | |
| Caractacus. Rich purplish crimson. | | |
| Charles Bagley. Cerise pink. | | |
| Charles Dickens. Dark scarlet. | | |
| E. S. Rand. Scarlet, large cluster. | | |
| Everestianum. Rosy lilac, spotted red. | | |
| F. D. Godman. Crimson, fine blotch. | | |
| General Grant. Crimson-pink. | | |

Gloriosum. White; bold flowers and good foliage.
H. H. Hunnewell. Dark crimson.
Kettledrum. Rich crimson.
Lady Armstrong. Pale rose, beautiful spotted.
Lady Clermont. Red, shaded crimson.
Mrs. Milner. Rich crimson.
Parson's Gloriosum. Pale lavender.
Parson's Grandiflorum. Bright carmine.
Roseum elegans. Vivid rose; beautiful.
Rhododendron Arbutifolium. This is one of the best of the dwarf sorts. It has bright foliage, is compact in habit, and is covered with pale pink flowers in June. \$1.00 and \$1.50 each.
R. Catawbiense. This is a native, compact but tall-growing form with handsome foliage and large trusses of deep rose flowers. A splendid variety to group with high-colored forms as its foliage effect can be depended upon. 18 to 24 in., \$1.50; 2 to 2½ ft., \$3.00; 3 ft., \$5.00.

BOXWOOD

Pyramidal Form. Fine specimens, closely sheared; highly desirable for placing in tubs or planting in formal positions in the garden. Tubs extra, according to style and size required.

Prices (subject to receipt of importations).

| | Each |
|-----------------|--------|
| 2½ to 3 ft..... | \$3.00 |
| 3 to 3½ ft..... | 4.00 |
| 3½ to 4 ft..... | 5.00 |
| 4 to 4½ ft..... | 6.00 |

| Bush Form (Unsheared). | Each | Per doz. |
|------------------------|----------|----------|
| 10 to 12 in. high..... | \$0.50 | \$5.00 |
| 12 to 15 in. high..... | .75 | 7.50 |
| 15 to 18 in. high..... | 1.00 | 10.00 |
| Box Edging. | Per doz. | Per 100 |
| 3 to 4 in..... | \$1.00 | \$7.00 |
| 4 to 5 in..... | 1.50 | 10.00 |
| 5 to 6 in..... | 2.00 | 15.00 |

HEDGE PLANTS

While a wide range of choice is possible, hedging material should be selected with a view to the ultimate height desired. Plants should be spaced from one foot apart (Barberry and Privet) to three feet apart (Willows, Lilacs, Evergreens) according to size and habits of growth. Advice as to selections and quantities is gladly given. The following are a few of the better-known hedge plants, most of which will bear close shearing.

Not less than 25 of one variety at the 100 rate.

- Berberis Thunbergii** (Japanese Barberry). 12 to 15 in., \$10.00; 15 to 18 in., \$12.00; 18 to 24 in., \$15.00 per 100.
- Crataegus Oxyacanthus** (English Hawthorn). 2 to 3 ft., \$20.00 per 100.
- Ligustrum Amurense** (Amur River Privet). 18 to 24 in., \$8.00; 2 to 3 ft., \$12.00; 3 to 4 ft., \$18.00 per 100.
- Ligustrum Ibotia** (Japanese Privet). 18 to 24 in., \$8.00; 2 to 3 ft., \$12.00; 3 to 4 ft., \$18.00 per 100.
- Ligustrum ovalifolium** (California Privet). 18 to 24 in., \$6.00; 2 to 3 ft., \$10.00; 3 to 4 ft., \$15.00 per 100.
- Rhamnus Catharticus** (Buckthorn). 2 to 3 ft., \$10.00; 3 to 4 ft., \$15.00 per 100.
- Rosa rugosa** (Japanese Rose). 18 to 24 in., \$15.00; 2 to 3 ft., \$20.00 per 100.
- Salix pentandra** (Laurel-leaved Willow). 3 to 4 ft., \$20.00; 4 to 5 ft., \$25.00 per 100.
- Spiraea Van Houttei.** 2 to 3 ft., \$20.00; 3 to 4 ft., \$25.00 per 100.
- Syringa vulgaris** (Common Lilac). 2 to 3 ft., \$25.00; 3 to 4 ft., \$30.00 per 100.

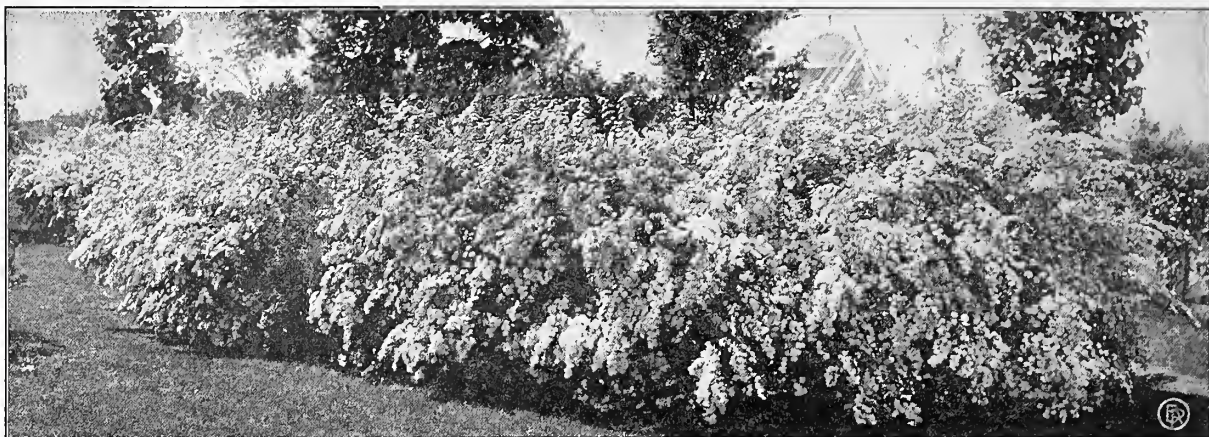
- Thuja occidentalis** (American Arborvitae). 18 to 24 in., \$40.00; 2 to 3 ft., \$60.00; 3 to 4 ft., \$90.00 per 100.
- Tsuga Canadensis** (Hemlock). 18 to 24 in., \$60.00; 2 to 3 ft., \$75.00 per 100.



Hedge of Japanese Privet

EVERGREENS FOR HEDGES

- Picea alba** (White Spruce). 18 to 24 in., \$30.00; 2 to 3 ft., \$45.00 per 100.
- Picea excelsa** (Norway Spruce). 18 to 24 in., \$25.00; 2 to 3 ft., \$40.00 per 100.



Spiraea Van Houttei

FLOWERING SHRUBS

Price, 50c each; \$5.00 per doz., except where noted. Special quotations on quantity lots.

- Almond** (Double-flowering Almond). Pink and white. 2 to 3 ft., 75c each.
- Althaea** (Hibiscus, or Rose of Sharon). Double white, pink or red; also variegated-leaved. 2 to 3 ft.
- Aralia pentaphylla** (Five-leaved Aralia). Arching, spiny branches; valuable for foliage. 3 ft.
- Azalea viscosa** (Swamp Honeysuckle). White, fragrant flowers in June and July. 2 ft., 75c each.
- A. mollis** (Hardy Azalea). Dwarf in habit. Mixed colors in shades of red, white, yellow and orange. 18 in., \$1.00 each.
- A. Pontica**. Named varieties, single and double. 18 in., \$1.00 each.
- Berberis Thunbergii** (Japanese Barberry). Well known hedge plant. 12 to 15 in., 15c each; \$1.50 per doz. 18 to 24 in., 25c; \$2.50 per doz. (See also "Hedge Plants," page 113.)
- Buddleia variabilis Veitchiana** (Summer Lilac). Violet and yellow flowers in long spikes; August.
- Calycanthus floridus** (Sweet Shrub or Allspice). 2 ft.
- Chionanthus virginica** (White Fringe). For damp or partially shaded places. 3 to 4 ft., 75c.
- Cornus Siberica** (Red-barked Dogwood). Valuable for its bright-colored bark. 3 to 4 ft.
- Cydonia Japonica** (Japanese Quince). Dwarf-growing; scarlet flowers in May, followed by large fruit. 2 ft.
- Deutzia Pride of Rochester** (Pink Deutzia). Rose-tinted flowers in June. 3 ft.
- D. gracilis** (Dwarf or Slender Deutzia). White flowers; May and June. 18 to 24 in.
- D. Lemoinei**. A free-flowering white variety, a little larger than *D. Gracilis*. 2 ft.
- Diervilla candida** (Weigelia). White flowers in June and later; for sheltered locations. 3 ft.
- D. rosea**. Rose colored flowers. 2 to 3 ft.
- D. Eva Rathke**. Crimson; continuous bloomer. 2 to 3 ft.
- Euonymus alatus** (Winged Burning-bush). An odd and attractive shrub, valued for its gorgeous fall colors. 2 to 3 ft. Extra size, \$1.00 each.
- E. Europaeus** (Spindle Tree). Orange and red fruit in autumn. 4 ft.
- Forsythia Fortunei**. Well known yellow. Forsythia, blooming in April before the leaves show. 3 to 4 ft.
- F. suspensa**. Drooping form. 3 to 4 ft.
- Hamamelis virginica** (Witch Hazel). Yellow flowers in November. 3 to 4 ft.
- Hydrangea arborescens sterilis**. A recently acquired hardy Hydrangca blooming in July. 2 to 3 ft.
- H. paniculata grandiflora**. The common form, flowering in September. 2½ to 3 ft. Standard or tree form. 4 to 5 ft., \$1.00 each.
- Kerria Japonica** (Corchorus). Bright green bark; yellow flowers all summer, low growing. 2 ft.
- K. var. foliis variegatis**. Dwarf with silvery-green leaves. 12 to 18 in.
- Lonicera Morrowi** (Bush Honeysuckle). Yellow flowers in July, followed by red berries. 3 ft.
- L. Tartarica** (Tartarian Honeysuckle). Pink.
- Philadelphus coronarius** (Mock Orange). Orange-blossom scented flowers in June. The best of the Syringas. 3 to 4 ft.
- P. Avalanche**. A dwarf, white-flowering variety, a valuable shrub. 2 ft.
- Prunus Pissardi** (Purple-leaved Plum). Valuable for its foliage. 3 to 4 ft.
- P. triloba** (Double-flowering Plum). Rose-like pink flowers crowding the branches in May. 3 ft.
- Rhodotypus kerrioides** (White Kerria). White, Syringa-like flowers throughout the summer, followed by black seeds. 3 to 4 ft.
- Rhus cotinus** (Smoke Bush or Purple Fringe). Purplish flowers in June. 3 ft.
- R. typhina** (Staghorn Sumac). A strong growing shrub for poor soils. 3 to 4 ft.
- Sambucus aurea** (Golden Elder). 3 ft.
- S. racemosus** (Red Fruited Elder). 2 to 3 ft.
- Spiraea Anthony Waterer** (Dwarf Spiraea). Flat heads of pink flowers in late summer. 18 in.
- S. opulifolia aurea** (Golden Spiraea). Yellow foliage. 3 to 4 ft.
- S. prunifolia fl. pl.** The old-fashioned Bridal Wreath. 2 to 3 ft.
- S. Thunbergii** (Fine-leaved Spiraea). 18 to 24 in.
- S. Van Houttei**. The best known Spiraea, and the most valuable. Arching sprays of white flowers in June. 3 to 4 ft.
- Symphoricarpos racemosus** (Snowberry). Showy white berries in fall. 3 ft.
- Syringa vulgaris** (Common Lilac). Purple flowers. 3 to 4 ft.
- S. var. alba** (White Lilac). 3 ft.
- S. Named Varieties**. Single and double. 75c each.
- Viburnum opulus** (Bush Cranberry). Showy crimson berries in fall. 3 ft.
- V. plicatum** (Japanese Snowball). Globe-shaped heads of white flowers in June. Grows best in sheltered locations. 3 to 4 ft., 75c each.

For more complete list see General Nursery Catalog.

SHADE AND ORNAMENTAL TREES

- Acer dasycarpum* (Silver Maple). Rapid growing; leaves silvery on under side. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50.
- A. var. *Wieri laciniatum* (Weir's Cutleaved Maple). A graceful tree with pendulous branches; silvery leaves. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50.
- A. *platanoides* (Norway Maple). Hardy and vigorous; spreading habits. 6 to 8 ft., 75c.; 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50 and \$2.00.
- A. *saccharum* (Sugar or Rock Maple). A well known native tree. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50 and \$2.00.
- A. *polymorphum atropurpureum* (Blood-leaved Japanese Maple). Dwarf growing, valued for its foliage. 2 to 2½ ft., \$1.50; 3 ft., \$2.00.
- Aesculus hippocastanum* (Horse-chestnut). White-flowering. 6 ft., \$1.00; 8 ft., \$1.50.
- Betula alba* (European White Birch). Rapid growing; symmetrical. 7 to 8 ft., \$1.00; 8 to 10 ft., \$1.50.
- B. *pendula laciniata* (Cutleaved Weeping Birch). Of tall, slender growth; white bark, finely cut foliage. 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.
- Catalpa Bungei*. A fine globe headed tree; of large glossy leaves. 3-year, \$2.00 each.
- C. *Speciosa* (Indian Bean). A large tree covered with showy flowers in July. 6 to 7 ft., 75c; 8 to 10 ft., \$1.00.
- Cercis Canadensis* (Judas Tree or Red Bud). A mass of purplish-red flowers in spring. Heart-shaped leaves. 3 to 4 ft., 50c; 4 to 5 ft., 75c.
- Cornus Florida* (White-flowering Dogwood). Small tree with handsome white blossoms early in spring. 3 to 4 ft., \$1.00; 4 to 5 ft., \$1.50.
- C. var. *Rubra* (Red-flowering Dogwood). Same as above except that blossoms are a lovely tint of reddish pink. 3 to 4 ft., \$1.50.
- Crataegus Oxyacantha, alba plena* (Double white-flowering Thorn). Flowers in May. 4 to 5 ft., \$1.00.
- C. *Coccinea flore pleno Paulii* (Paul's Double Scarlet Thorn). A small tree with brilliant carmine flowers. 4 to 5 ft., \$1.50.
- Fagus Sylvatica*. The well known European Beech. A superb tree. 3 to 4 ft., \$1.00 each; 4 to 5 ft., \$2.00.
- F. var. *purpurea Riversii* (River's Purple Beech). Like the European Beech, but with dark purple foliage. 4 to 5 ft., \$1.50; 6 to 7 ft., \$3.00.
- Fraxinus Americana* (American White Ash). The native ash. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50.
- Ginkgo biloba* (Salisbury or Maiden-Hair Tree). One of the best small trees; fan shaped leaves. 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.
- Laburnum vulgare* (Golden Chain). Long racemes of showy yellow flowers in July. 5 to 6 ft., \$1.50.
- Larix Europea* (European Larch). Tall compact tree with light green needle-like foliage. 3 to 4 ft., 50c; 4 to 5 ft., 75c.
- Liriodendron Tulipifera* (Tulip Tree or Whitewood). A large native tree. Bears tulip-like blossoms in June. 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.
- Magnolia Soulangeana*. The best known Magnolia. Grows vigorously; large pink and white blooms. 3 to 4 ft., \$2.50; 4 to 5 ft., \$3.00.
- M. *Speciosa*. Similar to *Magnolia Soulangeana*, but later-flowering. 3 to 4 ft., \$2.50; 4 to 5 ft., \$3.00.
- M. *Halleana Stellata* (Hall's Magnolia). The earliest and most charming of the magnolias. Bears an abundance of star-shaped fragrant blossoms. 2½ to 3 ft., \$2.50.
- Morus Alba pendula* (Weeping Mulberry). Drooping foliage; edible fruit. 5 to 6 ft., \$2.50; 2-year heads, \$2.00.
- M. var. *Tatarica* (Russian Mulberry). Very hardy; reddish fruit. 6 to 8 ft., \$1.00.
- Populus Bolleana* (Bolleana Poplar). Habits of growth like the Lombardy, but longer-lived. Silver leaves. 8 to 10 ft., \$1.50; 10 to 12 ft., \$2.00.
- P. *monilifera* (Carolina Poplar). A large and spreading tree, thriving in sandy soil. 8 to 10 ft., 75c; 10 to 12 ft., \$1.00.



Pin Oak (*Quercus palustris*)

- P. *nigra fastigiata* (Lombardy Poplar). The well known poplar of tall narrow growth. 8 to 10 ft., 75c; 10 to 12 ft., \$1.00; 12 to 14 ft., \$1.50.
- Prunus triloba* (Flowering Plum). Large double pink, flowers in spring. 3 to 4 ft., \$1.00.
- Pyrus Malus Parkmani* (Flowering Apple). Bears pink buds, which later open into pendulous semi-double flowers. 3 to 4 ft., \$1.50.
- P. *Ioensis Bechteli* (Bechtel's Double-flowering Crab). A shrub or small tree bearing delicate pink blossoms. 3 to 4 ft., \$1.00.
- Pyrus Sorbus Aucuparia* (European Mountain Ash). Medium size. Bunches of scarlet berries in winter. 6 to 7 ft., \$1.00; 8 to 10 ft., \$1.50.
- P. *S. quercifolia* (Oak-leaved Mountain Ash). Pyramidal growth. Oak-like leaves. 6 to 7 ft., \$1.00.
- Quercus palustris* (Pin Oak). One of the best oaks for street or lawn. 6 to 8 ft., \$1.50; 8 to 10 ft., \$2.00.
- Q. *rubra* (Red Oak). Large and rapid grower; valuable for general planting. 6 to 8 ft., \$1.50 each.
- Salix alba* (Common White Willow). Grows to large size in wet ground. 6 to 8 ft., 50c.
- S. *vitellina aurea* (Golden-barked Willow). Yellow bark in winter. 6 to 7 ft., 50c.
- S. *elegantissima* (ThurLOW's Willow). Drooping habit. 6 to 8 ft., \$1.00.
- S. *pentandra, or laurifolia* (Laurel-leaved Willow). A bushy tree with dark green, glossy leaves. Good near seashore. 6 to 8 ft., 50c; 8 to 10 ft., \$1.00. (See "Hedge Plants.")
- Syringa Japonica* (Japan Tree Lilac). A distinct tree form. Very fine and hardy. 4 to 5 ft., \$1.00; 5 to 6 ft., \$1.50.
- Tilia Americana* (Linden or Basswood). A well known tree. Large and shapely. 8 to 10 ft., 1.50; 10 to 12 ft., \$2.00.
- T. *Europaea* (European Linden or Lime). Leaves darker and smaller than those of the American. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50; 10 to 12 ft., \$2.00.
- Ulmus Americana*. Our native American Elm. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50; 12 to 14 ft., \$2.00.



FRUIT TREES

APPLES

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. All Apples are furnished in standard sizes unless dwarf trees are specified.

Prices: 2-year, 5 to 7 ft., 75c each, \$6.00 per doz.; extra size, 3 and 4-year trees, \$1.50 to \$3.00 each.

Dwarf Trees on Paradise stock, 2 to 3 ft., 75c each; \$6.00 per doz.; extra size, \$1.00 each. These are useful for small gardens, and usually bear the third year after planting. Offered in the following varieties: Baldwin, Gravenstein, McIntosh, Red Astrachan, Yellow Transparent.

SUMMER

Early Harvest. Pale yellow, excellent, early.
Golden Sweet. Large, pale yellow, sweet.
Red Astrachan. Large, crimson, very early.
Williams. Dark red, mild flavor.

AUTUMN

Fameuse (Snow Apple). Crimson, flesh white, excellent.
Gravenstein. Large, yellow, striped red.
Maiden's Blush. Sept.; large, yellow and red; good.
Pippin. Fall, yellowish green, very fine.
Porter. Medium, bright yellow; good.
Pound Sweet. Nov.; very large, yellowish, sweet and rich.

WINTER

Baldwin. Large, dark red, productive, medium.
Golden Russet. Late yellow, good flavor.
Hubbardston. Large yellow, splashed red; early.
McIntosh Red. Vigorous growth; handsome, hardy.
Ripening November to February.
Northern Spy. Large, striped red, good keeper.
Rhode Island Greening. Large, yellowish green, medium.
Roxbury Russet. Extra quality. Largest of russets.
Tolman's Sweet. Medium, light yellow, excellent.
Wealthy. Dec. to Feb.; dark red, juicy, good, very hardy.

Crab-Apples

Price, 75c each; \$6.00 per doz.

Hyslop. October to January; deep crimson.
Martha. A new crab raised from seed of the Duchess of Oldenburg. Fruit glossy yellow, shaded with light red; fruit mild and tart.
Transcendent. September, October; useful alike for preserving, pies, sauces and cider.

See Special Fruit Catalog for additional varieties.

PEACHES

Prices: 4 to 5 ft., 50c each; \$5.00 per doz.; 5 to 6 ft., 75c each; \$6.00 per doz.

Carman. New, hardy rot-proof. Pale yellow skin and red cheek; early.

Champion. Aug.; new, creamy white; large; superior.

Crawford's Early. September; large, yellow, freestone.

Crawford's Late. Very large, juicy, good, freestone.

Crosby (Ironclad). Sept.; medium, sweet, firm.

Elberta. August first; flesh yellow. Very juicy.

Fitzgerald. Sept.; large, Crawford type; hardy.

Foster. September; similar to Early Crawford; better.

Hale. September; large, deep yellow. Very hardy.

Mountain Rose. September; large, white and red, melting.

Old Mixon. Sept.; large, white and red, juicy and rich.

PLUMS

Price, 5 to 7 ft., 75c each; \$6.00 per doz.

EUROPEAN TYPE

Bradshaw. August; large, purple, sweet.

Damson. September; dark purple, very productive.

Reine Claude. Sept.; large, greenish yellow, very fine.

Lombard. September; medium, violet, red, juicy.

Yellow Egg. August; large, yellow.

JAPANESE TYPE

Abundance. Early; fruit amber turning to cherry, flesh yellow, juicy, tender and sweet. Bears heavily.

Burbank. Sept.; bright red, flesh yellow and sweet.

Wickson. Late, large, carmine, delicious, small stone.

Satsuma. September; purplish-red, flesh dark red, juicy.

QUINCES

4 to 5 ft., 75c each; \$6.00 per doz.

Apple, or Orange. Large, roundish, bright golden yellow; very productive.

Champion. Vigorous and productive; very late.

CHERRIES

Price, 6 to 7 ft., \$1.00 each; \$9.00 per doz.

Coe's Transparent. June; medium, pale amber and red.

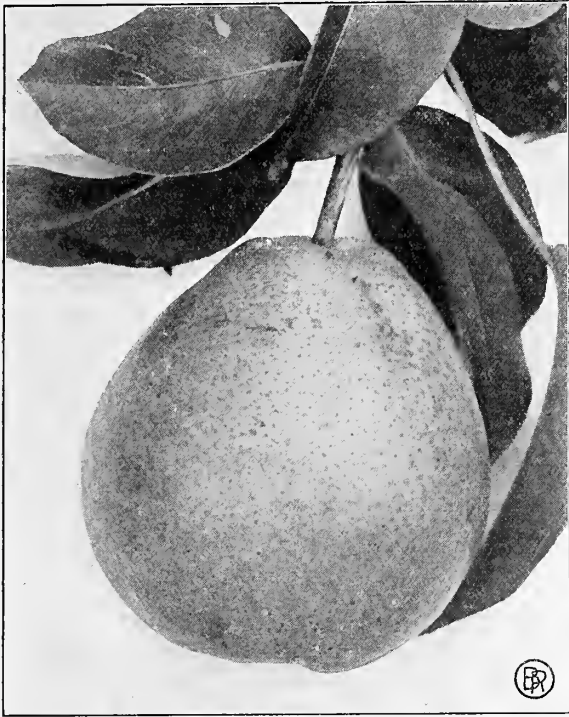
Black Tartarian. June; large, purplish black; sweet.

Montmorency. July; large, tender, rich; sour.

May Duke. June; large, dark red, tender; sour.

Windsor. July; large, dark red, nearly black, sweet.

Yellow Spanish. Late June; pale yellow, red cheek.



PEARS

Standard Pears. 5 to 7 ft., \$1.00 each; \$9.00 per doz., except as noted.

Dwarf Pears. Budded on quince stocks, in the following varieties. 3 to 4 ft., 75c each; \$6.00 doz.

Bartlett, Beurre d'Anjou, Clapp's Favorite, Duchess d'Angouleme, Howell, Lawrence, Seckel, Wilder's Early.

Summer Pears

Bartlett. Vigorous growth; large; yellow and red; juicy. Ripening September.

Clapp's Favorite. Vigorous growth; very large and handsome; yellow and crimson. Ripening August.

Wilder. Ripens in August and is a liberal cropper. Skin, bright yellow; flesh rich creamy color and virtually coreless.

Autumn Pears

Buerre Bose. Moderate growth; large, russet; buttery, rich. Ripening September and October. \$1.50 each.

Flemish Beauty. Vigorous growth; large; yellow and russet; juicy melting, sweet; good; very hardy. Ripening September and October.

Louise Bonne of Jersey. Vigorous growth; large; yellow and red; melting, buttery, rich; Sept. and October.

Seckel. Moderate growth; medium; brown; juicy, melting and buttery; of the highest flavor. Sept. and Oct.

Sheldon. Vigorous growth; large; russet and red; melting, rich, delicious, very good. Ripening October.

Vermont Beauty. Brilliant-colored skin. Matures a little later than the Seckel and is valuable as a shipping pear.

Winter Pears

Anjou. Vigorous growth; very large; greenish yellow; melting, buttery, juicy, sprightly, vinous; keeps into mid-winter. Ripens November and December.

Lawrence. Moderate growth; medium to large; golden yellow; melting, aromatic, very good. Nov. and Dec.

See Special Fruit Catalog for additional varieties.

HARDY NATIVE GRAPES

50c each; \$4.00 per doz.

Campbell's Early. Clusters large, compact and handsome; berries large, nearly round, black with light purple bloom. Vigorous grower.

Concord. Bunch and berries large, round, black; flesh moderately juicy, sweet pulp.

Moore's Early. Quality better than Concord; its size and earliness render it desirable.

Worden. Berries large, sweet. Ten days earlier than Concord and superior to it.

RED AND REDDISH PURPLE

Agawam (Roger's No. 15). Large, tender, juicy, vinous, vine vigorous.

Brighton. Large, handsome and of the best quality and ripens early.

Delaware. Medium or small, but delicious; highly esteemed everywhere.

Salem (Roger's No. 53). One of the best and most popular. Ripens with the Concord.

WHITE

Green Mountain (Winchell). Ripens early, good bearer, vigorous grower.

Moore's Diamond. Berry about the size of Concord; color, greenish white with yellow tinge; juicy.

Niagara. Berry large, slightly pulpy, tender, sweet, ripens with Concord.

HOT-HOUSE GRAPES

Black Hamburg. The best known and most rugged of the greenhouse grapes. Bears heavily. Early.

Muscat of Alexandria. A white variety requiring somewhat higher temperature than Black Hamburg, but almost equally rugged. Ripens later and keeps longer.

Fruiting Canes, from pots, \$5.00 each.

RASPBERRIES

\$1.00 per doz.; \$5.00 per 100, except as noted.

Cuthbert. Red, firm and superior quality.

Columbian. Very large, purple.

Erskine Park. This new red raspberry originated on a private estate at Lee, Mass., and is described by the U. S. Dept. of Agriculture as surpassing all other late-bearing sorts. The plants are very hardy; the fruit large and firm. \$1.50 per doz.; \$10.00 per 100.

Golden Queen. Productive and of superior quality. Golden yellow.

Cumberland. One of the finest black, large and productive.

Gregg. Good black, productive and hardy.

Marlboro. Large, red, very productive.

St. Regis. The overbearing red, good quality. \$1.50 per doz.; \$8.00 per 100.

GOOSEBERRIES

25c each; \$2.50 per doz.

Red Jacket. The best red, free from mildew.

Pearl. The most prolific, free from mildew, green.

Downing. Whitish green.



Agawam Blackberries

BLACKBERRIES

\$1.00 per doz.; \$5.00 per 100.

- ✓ Agawam. The earliest; flavor like the wild berry.
- ✓ Rathbun. Extra large, productive, new.
- ✓ Snyder. Best quality, very sweet, medium size.
- ✓ Eldorado. Hardy, good size and quality, unusually productive.
- ✓ Wachusett Thornless. Fruit medium, hardy and very productive, almost free from thorns.
- ✓ Erie. Large and early; excellent quality.

CURRANTS

\$1.50 per doz.; \$9.00 per 100, except as noted.

- ✓ Black Naples. Fine for wine and jelly.
- ✓ Cherry. Large, red, juicy.
- ✓ Fay's Prolific. The most popular red variety for home use; bears heavily.
- ✓ La Versailles. Very large, red.
- ✓ Perfection. The largest red currant in existence; a prize winner. 25c each; \$2.50 per doz.
- ✓ White Grape. Large yellowish white, sweet.

STRAWBERRIES

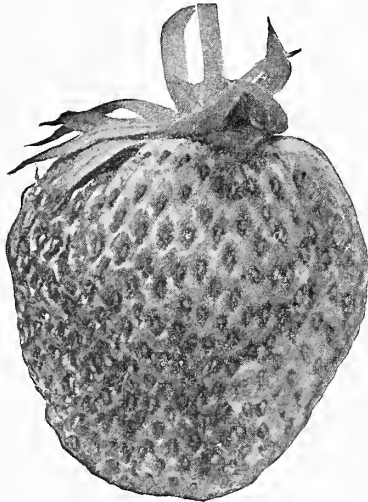
Strawberries require a medium rich, well-tilled soil for successful growing. Plants should be set about 15 inches apart; 100 plants are sufficient for 6 rows, 20 feet long. When setting out see that the plants are "firmed" well, keeping the crown just above the soil. Keep all runners cut off, and about December 1 to December 15 cover over the bed with dry straw, meadow hay or leaves and litter. In Spring, as the plants show indication of growth, push aside the covering from crowns of the plants, thus allowing them to come through with their new growth. A fresh mulching of good hay or new grass about May 1 to May 15 will serve to keep the fruit clean and prevent the growth of weeds.

Varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties (P. F.), planted every 10 feet among them.

PRICES

Layer Plants. For spring planting. Per doz., 30c; per 100 \$1.50; per 1000, \$10.00.

Pot Grown Plants. For July, August and September planting. (See 1919 Midsummer Catalogue for prices.)



Marshall



Progressive

- Abington. Large fruit, solid, and excellent flavor. P. F.
- Belmont. Late; crimson berry; very productive. P. F.
- ✓ Breck's Abundance. Large, excellent berry; very heavy cropper; flavor tart; medium early. Highly recommended. P. F.
- ✓ Brandywine. Hardy, good quality. Medium. P. F.
- ✓ Campbell's Early. A new variety of great value. Very early, of good size and fine flavor. P. F.
- Chesapeake. P. Mid-season to late; a fine large berry of good quality.
- Commonwealth. Late; very large; deep crimson; excellent flavor. P. F.
- Early Ozark. P. F. Extra early; large, dark red, delicious fruit.
- Excelsior. The best of all early strawberries. Is medium small; crimson; tart, and the earliest of all. Splendid variety. P. F.
- ✓ Gandy. Large berries; late and an excellent cropper. Splendid keeper. P. F.
- ✓ Glen Mary. Large; crimson berry; good quality; very productive; late. P. F.
- Heritage. P. F. Mid-season; a robust grower and a prodigious yielder. Flesh solid and of fine texture.
- Marshall. Requires no recommendation; is medium late. The fruit is very large, deep crimson color, and extra quality. P. F.
- Minute Man (P.) Medium early; vigorous grower, free from rust; berries light red and a great cropper.

- ✓ Norwood. P. F. Early to mid-season; fruit very large, of the Marshall type. Excellent quality.
- ✓ Parsons' Beauty. P. F. Mid-season; very heavy yielder, marketing well.
- ✓ Senator Dunlap. P. F. Early to mid-season. Dark red berries of medium size; flesh red throughout, juicy and good.

Fall or Everbearing Strawberries

Although several varieties of everbearing strawberries have been introduced, we have found only two which are prominently superior. They are valuable both for home use and for market.

Runner Plants, for spring planting, 50c per doz.; \$3.00 per 100.

Potted Plants, for mid-summer planting, \$1.00 per doz.; \$6.00 per 100.

- ✓ Progressive. This variety makes a vigorous growth, and produces immense quantities of berries. Blossoms should be kept picked off until about the middle of July. If this is done, a heavy crop is insured from about the first of August until heavy frost. The berries are of medium size and excellent quality.
- ✓ Superb. The berries of this excellent variety are a little later than those of Progressive. The plants are about equal in vigor of growth, but do not produce so many berries per plant as Progressive. The quality, however, is excellent, and is always sure to bring the highest price on the market.

SPRAYING CALENDAR

This calendar, based upon the recommendations of the Agricultural Colleges and Experiment Stations of the country, is a brief guide for the general treatment of insect pests and plant diseases.

Timeliness is one of the greatest factors in the control of diseases and pests; in order to spray intelligently, that is, to strike at the proper time, one should know at least the main facts in the life-history of the insect or disease sprayed against. Moreover, it will pay to remember that, for nearly all fungous diseases and some insects, spraying is a preventive, and to be most effective must be done at the time when attacks may be expected, without waiting for the enemy to become apparent.

Spray only on clear, sunny days and finish the work early in the afternoon, so that the application will dry rapidly and before dew falls. Spray evenly and thoroughly, using ample pressure and a nozzle that throws a fine mist, but do not continue until the foliage drips. Never spray when the trees are in blossom.

In general terms:

POISONS, such as Arsenate of Lead, are used to control leaf-eating insects. Examples—Canker Worm, Potato Beetle.

CONTACT INSECTICIDES, such as Tobacco Extracts, Soap Sprays, Kerosene Emulsion, etc., are used in fighting sucking insects. Examples—Plant Lice, Squash Stink-bug. Sucking insects will not be killed unless they are hit by the spray.

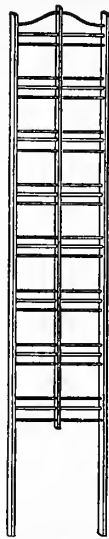
Bordeaux Mixture and Lime-Sulfur are for use against plant **DISEASES**.

| Plant | Enemy | Spray | 1st Application | 2nd Application | 3rd Application |
|-------------------------------------|--|--|--|--|---|
| Apple | Bud Moth Codling Moth Scab Curculio | Arsenate of Lead and Bordeaux. (Lime-Sulfur may be used instead of Bordeaux) | Just before blossoms open. | Immediately after petals fall. | 10 days later. |
| | San Jose Scale | Lime-Sulfur or Miscible Oil. | Autumn after leaves have fallen | or Early Spring before leaf buds swell. | If badly infested make both applications. |
| Cabbage Cauliflower | Green Worms | Arsenate of Lead if plants are not heading. | If heading, apply Hellebore. | | |
| Carnation | Red Spider | Clear water. | Syringe off the plants 3 times a week, being careful not to drench the beds. | | |
| | Rust | Copper-Sulphate, 1 lb. to 20 gals. water. | In the greenhouse once in 2 weeks. In the field once a week. | | |
| Cucumber Melon Squash | Wilt Mildew | Bordeaux. | Middle of July. | 10 days later. | |
| | Striped Beetle Borer. | Bordeaux. As soon as stems are long enough cover the joints with earth so that secondary roots will develop | Keep the vines well sprayed to make them distasteful to the beetles. | | |
| Currant Gooseberry | Currant Worm | Arsenate of Lead and Bordeaux. | As soon as worms appear. | Use Hellebore after fruit is half grown. | |
| | Mildew | Bordeaux. | Before leaf buds open. | After blossoming. | |
| Grape | Flea-beetle | Arsenate of Lead. | Before blossoms open. | | |
| | Mildew | Bordeaux. | Before blossoms open. | When fruit has set. | 2 weeks later. |
| Peach and Apricot | San Jose Scale | (See under Apple). | | | |
| | Peach Leaf-curl. | Lime-sulfur or Bordeaux. | Dormant season before buds swell. | | |
| | Curculio | Arsenate of Lead. | When shucks are shedding from the young fruit. | One month after petals fall. | |
| | Scab and Brown-rot. | Self-boiled Lime-sulfur 8-8-50. | One month after petals fall. | One month before fruit ripens. | |
| Pear | Psylla | Tobacco extract. | After blossoms fall. | 5 to 7 days later. | |
| | Codling Moth Scab Scale | (See under apple). | | | |
| | Curculio | Arsenate of Lead. | Just after blossoms fall | 1 week later | |
| Plum | Fungous diseases | (See under Peach). | | | |
| Potato | Scab | Soak seed before cutting for 90 minutes in corrosive sublimate 1 oz. to 7 gals. water. Plant in clean soil. | | | |
| | Beetles Blight or Rot | Arsenate of Lead and Bordeaux | When plants are 6 or 8 inches high | 2 weeks later | Repeat every 2 or 3 weeks, omitting arsenate of lead if beetles are not in evidence. Wet spells followed by hot weather are favorable to development of rot and blight. |
| Raspberry Blackberry Dewberry | Anthraxnose Red Rust | Bordeaux. Dig up and burn all infected plants. | When new canes are 6 inches high. | 2 weeks later. | 2 weeks later. |
| Rose | Rose-chafer | Arsenate of Lead. | When beetles appear. | Repeat when necessary. | |
| | Leaf spot | Bordeaux. | As soon as spots appear. | Repeat when necessary. | |
| | Mildew | Flowers of sulfur. | Dust every 10 days if necessary. | | |
| Strawberry | Leaf Spot or Rust | Bordeaux. | 3 or 4 times during the season. | | |

For Plant Lice (Aphids) use Tobacco Extracts or Soap Sprays on all Plants.



Lattice



Veranda



Fan



No. 2 Bow

TRELLISES

Made of wood and rattan painted green. The most durable and ornamental trellis on the market.

Special Sizes and Styles Made to Order.

Lattice Trellis

Not carried in stock, but can be shipped quickly from factory.

| | Each | Doz. |
|----------------------|--------|---------|
| 6 ft. x 18 in. | \$2.20 | \$24.00 |
| 7 ft. x 18 in. | 2.50 | 27.00 |
| 8 ft. x 18 in. | 2.75 | 30.00 |
| 9 ft. x 18 in. | 3.15 | 34.00 |
| 10 ft. x 18 in. | 3.50 | 38.00 |
| 11 ft. x 18 in. | 4.00 | 44.00 |
| 12 ft. x 18 in. | 4.50 | 48.00 |

Bow Trellis

| | Each | Doz. |
|--------------------------|--------|--------|
| No. 1, 30 x 10 in. | \$0.65 | \$7.00 |
| No. 2, 30 x 14 in. | .90 | 10.00 |
| No. 3, 36 x 12 in. | 1.00 | 11.00 |
| No. 3½, 42 x 14 in. | 1.10 | 12.00 |
| No. 4, 48 x 15 in. | 1.30 | 14.00 |
| No. 5, 60 x 18 in. | 1.55 | 17.00 |
| No. 6, 72 x 20 in. | 1.85 | 20.00 |

Fan Trellis

| | Each | Doz. |
|----------------------|--------|--------|
| 1½ ft. x 7 in. | \$0.30 | \$3.00 |
| 2 ft. x 10 in. | .35 | 4.00 |
| 2½ ft. x 13 in. | .55 | 6.00 |
| 3 ft. x 16 in. | 1.00 | 11.00 |
| 3½ ft. x 21 in. | 1.10 | 12.00 |
| 4 ft. x 27 in. | 1.40 | 15.00 |
| 5 ft. x 32 in. | 1.85 | 20.00 |
| 6 ft. x 38 in. | 2.00 | 22.00 |
| 7 ft. x 42 in. | 2.30 | 25.00 |
| 8 ft. x 46 in. | 2.75 | 30.00 |

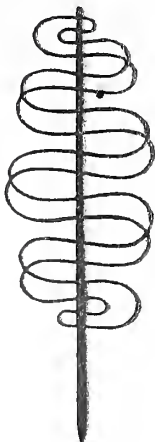
Veranda Trellis

Ornamental and substantial. Especially adapted to outdoor use for high climbing plants.

| | Each | Doz. |
|---------------------|--------|--------|
| 2 ft. | \$0.85 | \$9.00 |
| 3 ft. | .90 | 10.00 |
| 4 ft. | 1.30 | 14.00 |
| 5 x 1½ ft. | 1.85 | 20.00 |
| 6 x 1½ ft. | 2.20 | 24.00 |
| 7 x 1½ ft. | 2.50 | 27.00 |
| 8 x 1½ ft. | 2.75 | 30.00 |
| 9 x 1 2/3 ft. | 3.15 | 34.00 |
| 10 x 1 2/3 ft. | 3.50 | 38.00 |
| 11 x 2 ft. | 4.00 | 44.00 |
| 12 x 2 ft. | 4.50 | 48.00 |

Extra Wide Veranda Trellis

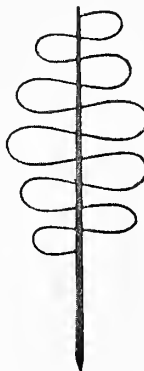
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|----------------------|--------|---------|
| 6 x 2 1/3 ft. | \$3.15 | \$34.00 |
| 8 x 2 1/3 ft. | 4.00 | 43.00 |
| 10 x 2 7/12 ft. | 5.15 | 56.00 |
| 12 x 3 ft. | 5.50 | 60.00 |



No. 0 wide
35c each
\$4.00 doz.



No. 00
20c each
\$2.00 doz.



No. 00 wide
25c each
\$2.50 doz.



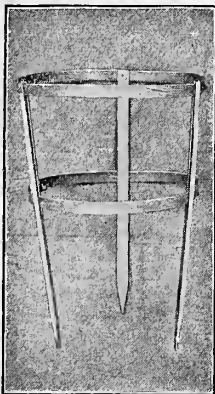
No. 0
25c each
\$2.50 doz.



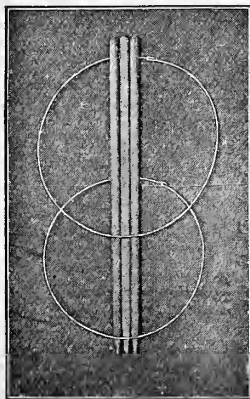
No. 1 Bow
65c each
\$7.00 doz.

All Prices Quoted on this Page are Subject to Change Without Notice

Plant Sticks



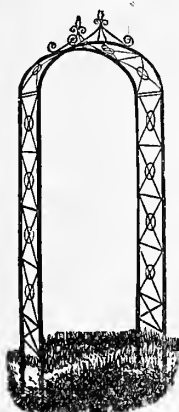
Two-Hoop Wood Tomato Support



Wood and Wire Tomato Support

Plant Sticks, Painted Green. For pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

Garden Arches



Garden Arch



Carnation Support

| SQUARE | | | |
|--------------|----------|--------|-----------------------|
| 1 1/2 ft. | Per 100, | \$1.50 | 2 ft. Per 100, \$2.25 |
| 2 1/2 ft. | " | 3.50 | 3 ft. " 6.00 |
| 3 1/2 ft. | " | 7.00 | 4 ft. " 8.50 |
| 5 ft. | " | 12.00 | 6 ft. " 14.00 |
| EXTRA HEAVY. | 4 ft. | | Per 100, \$13.00 |
| " | 5 ft. | | " 18.00 |
| " | 6 ft. | | " 20.00 |

UNPAINTED HARDWOOD STAKES

Neat, durable, clean; used by florists for carnations, roses, etc.
 2 ft. Per 100, \$0.60 Per 1000, \$5.00
 3 ft. " .70 " 6.00
 4 ft. " .80 " 7.00

BAMBOO CANE STAKES

These are light, strong, durable. Length about six feet. Florists use them and cut to any length. Per 100, \$2.00. Per 1000, \$15.

TOMATO SUPPORTS AND BEAN POLES

Two-Hoop Wood. Strong, light, practical, quickly set in position and can be stored in a small space. Per doz., \$2.00.

Wood and Wire. Uprights of hardwood. Two wire rings. When not in use they fold for storage. Each, 30c. Doz. \$3.00.

Bean Poles, 8 to 10 ft. long. Per doz. \$1.50. Per 100, \$10.00

GARDEN ARCHES

| Whole Height | Width | Span | Painted Green |
|--------------|-----------|------------|------------------------------|
| 5 feet | 12 inches | 2 1/2 feet | Prices quoted on application |
| 6 " | 12 " | 2 3/4 " | |
| 8 " | 18 " | 4 " | |
| 8 " | 36 " | 4 " | |

We manufacture Wire Plant Stands to fit special windows and other locations. When ordering be careful to send correct measurements.

EXCELSIOR WIRE CARNATION SUPPORTS

Sizes, 13 and 20 inches in height; per 100, \$2.25; per 1000, \$20.00.

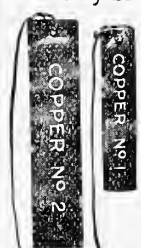
Labels, Wood

For Pots, Garden and Trees

| POT LABELS | | | |
|--------------------------------------|-----------------|--------------------------|--------------|
| 4 x 5/8 in. | Per 100, \$0.10 | Painted Per 1000, \$1.05 | Plain \$0.70 |
| 4 1/2 x 5/8 in. | " .15 | " 1.20 | .80 |
| 5 x 5/8 in. | " .20 | " 1.35 | 1.00 |
| 6 x 5/8 in. | " .30 | " 1.75 | 1.30 |
| 10 x 5/8 in. | " .40 | " 3.90 | 3.10 |
| 12 x 5/8 in. | " .50 | " 4.90 | 3.90 |
| GARDEN SIZES | | | |
| 8 x 7/8 in. | Per 100, \$0.70 | Painted Per 1000, \$4.90 | Plain \$3.90 |
| 10 x 7/8 in. | " .75 | " 6.40 | 5.20 |
| 12 x 1 1/8 in. | " .85 | " 7.90 | 6.50 |
| WIRED LABELS | | | |
| 3 1/2 x 5/8 in. Iron Wire. | Per 100, \$0.20 | Painted Per 1000, \$1.35 | Plain \$0.95 |
| 3 1/2 x 5/8 in. Brass or Copper Wire | " .25 | " 2.00 | 1.70 |

Any Size and Style of Wood Labels made to Order.

SIMPLEX WEATHERPROOF PLANT LABELS



Neat, convenient, permanent. The writing is protected by the transparent cover, and will last indefinitely if done with lead pencil. Whatever water enters at the sides will not deface the markings as the graphite of the pencil is not soluble to any extent and requires friction to remove it. This friction is prevented by the transparent cover.

DIRECTIONS: Slide transparent cover to one side, mark with ordinary lead pencil, replace cover, pass wire through both holes and attach. Waterproof India Ink may also be used for marking with excellent results.

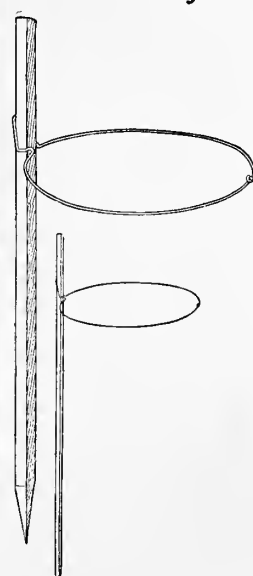
| Prices, including Copper Wire for attaching | | | |
|---|------------------|-----------------|----------------|
| No. 1 | Sizes 3x 1/2 in. | Per Doz. \$0.25 | Per 100 \$2.00 |
| 2 | 4x 3/4 in. | .50 | 4.00 |
| No. 3 | 5x1 in. | \$0.75 | \$6.00 |

LABELS. Improved Indestructible Tree. These labels are made of copper alloy, and so constructed that the wires cannot cut through the metal from constant flapping in the wind. If properly attached there is no danger of it becoming unfastened. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

No. 1. 3 3/4 x 3/4 in. Per 100, \$1.50
 No. 2. 5 x 1 1/2 in., suitable for two lines writing, " 2.00

WIRE RODS or STAKES. To be used with Indestructible or other hanging label, \$4.00 per 100.

"Adjusto" Plant Support



There have been many plant supporters offered and sold but they were all ungainly and unsatisfactory in a great many ways. We can offer the "Adjusto" under a positive guarantee that it will please you and give you entire satisfaction. The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias. In fact everything on the lawn or in the garden that needs a support.

The stake is made of hardwood having a protecting coat of green paint, the heavy spring wire is also painted green and so will not rust.

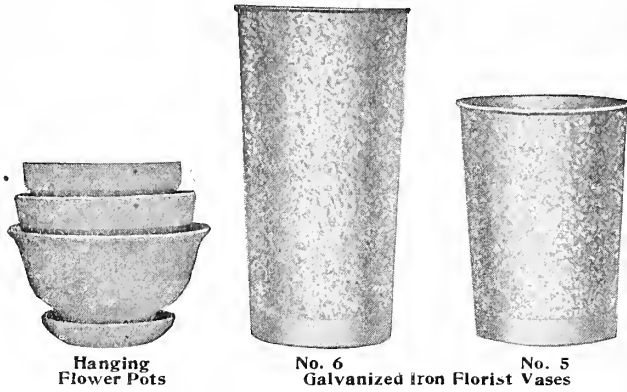
The price is very moderate and is within the reach of all.

Price, 3 ft. 15c each \$1.75 per doz.
 " 5 ft. 20c " 2.25 "

Small sizes as above, 18 and 24 in. for potted plants, carnations, etc.
 Price, 18 in. 7c each \$0.75 per doz.
 " 24 in. 10c " .90 "

FLOWER POTS, SAUCERS AND SEED-PANS

Inside Measurement, width and depth equal. Packing charged extra. All Prices subject to change without notice.



Hanging Flower Pots

No. 6 Galvanized Iron Florist Vases

No. 5 Galvanized Iron Florist Vases

Hanging Flower Pots, Earthen

| | | |
|------------|--------------|------------------|
| Size 7 in. | Each, \$0.25 | Per doz., \$2.35 |
| " 8 " | .30 | 3.10 |
| " 9 " | .35 | 3.75 |
| " 10 " | .60 | 6.25 |
| " 12 " | .80 | 8.25 |

Galvanized Iron Florist Vase

Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. Only plain galvanized iron carried in stock; painted green or any color to order.

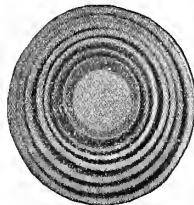
| Top Diam. | Bottom Diam. | Height | Doz. | Each | Prices |
|-----------------|--------------|--------|------|------|-----------------------|
| No. 5 7 3/4 in. | 5 1/2 in. | 11 in. | } | } | quoted on application |
| " 6 7 3/8 " | 5 1/2 " | 17 " | | | |
| " 7 8 " | 6 1/4 " | 11 " | | | |
| " 8 9 " | 7 3/8 " | 12 " | | | |
| " 9 9 " | 7 3/8 " | 17 " | | | |



Flower Pots



Round Seed Pans



Saucers

Flower Pots, Earthen

| | | |
|------------|------------------|-----------------|
| Size 3 in. | Per doz., \$0.30 | Per 100, \$1.85 |
| " 4 " | .40 | 2.75 |
| " 5 " | .70 | 5.00 |
| " 6 " | 1.00 | 7.50 |
| " 7 " | 1.65 | 12.50 |
| " 8 " | 2.50 | 18.00 |
| " 9 " | 3.60 | 27.50 |
| " 10 " | 5.00 | 37.50 |
| " 12 " | 10.00 | 75.00 |
| " 13 " | Each 1.00 | |
| " 14 " | 1.25 | |
| " 15 " | 2.00 | |
| " 16 " | 2.75 | |
| " 18 " | 4.25 | |

Round Seed Pans, Earthen

| | | | |
|------------|--------------|------------------|-----------------|
| Size 6 in. | Each, \$0.10 | Per doz., \$1.00 | Per 100, \$7.50 |
| " 8 " | .25 | 2.50 | 18.00 |
| " 10 " | .45 | 5.00 | 37.50 |
| " 12 " | 1.00 | 10.00 | 75.00 |
| " 14 " | 1.50 | 16.50 | 125.00 |

Saucers, Earthen

| | | |
|------------|------------------|-----------------|
| Size 3 in. | Per doz., \$0.25 | Per 100, \$1.75 |
| " 4 " | .30 | 2.10 |
| " 5 " | .40 | 2.75 |
| " 6 " | .55 | 4.25 |
| " 7 " | .75 | 5.50 |
| " 8 " | 1.00 | 7.50 |
| " 9 " | 1.35 | 10.50 |
| " 10 " | 1.65 | 12.50 |
| " 11 " | 2.00 | 15.00 |
| " 12 " | 2.50 | 18.75 |
| " 13 " | Each .25 | Per doz., 2.75 |
| " 14 " | .30 | 3.25 |
| " 15 " | .45 | 4.50 |
| " 16 " | .60 | 6.25 |
| " 18 " | .80 | 8.25 |

Fern Pans, Earthen

| | |
|---------------------|------------------|
| Size 4 x 1 3/8 in. | Per doz., \$0.65 |
| " 4 3/4 x 2 1/8 in. | .75 |
| " 5 1/2 x 2 1/4 in. | 1.00 |
| " 6 1/4 x 2 1/2 in. | 1.15 |
| " 7 x 2 5/8 in. | 1.25 |
| " 8 x 3 in. | 1.85 |
| " 9 x 3 1/4 in. | 2.50 |
| " 10 x 4 in. | 2.75 |

Brass Jack Chains

For Hanging Pots. No. 118, 3 strand, each, 35 cts. No. 119, 4 strand, each 50 cents.

Cedar Plant Tub

For growing Agaves, Century and other large plants. Made of the best red cedar; painted green; iron handles.

| No. | Outside Top Diam. | Outside Height | Price |
|--------|-------------------|----------------|--------|
| 1.... | 28 | 22 | \$8.40 |
| 2.... | 26 | 20 | 7.55 |
| 3.... | 24 | 18 1/2 | 5.45 |
| 4.... | 22 | 17 | 4.85 |
| 5.... | 20 | 16 | 4.25 |
| 6.... | 18 1/2 | 15 | 3.35 |
| 7.... | 17 | 14 | 3.00 |
| 8.... | 16 | 13 | 2.40 |
| 9.... | 14 | 12 | 2.00 |
| 10.... | 12 | 9 1/2 | 1.60 |
| 11.... | 10 1/2 | 9 | 1.30 |
| 12.... | 9 1/2 | 8 | 1.10 |
| 13.... | 8 | 7 | .95 |



Oak Jardinieres

Handsome and durable. An ideal gift. In these goods, the oak is selected to show the quartered grain, stained dark and finished with lustre surface. The hoops and handles are of brass, highly polished and lacquered.

Inside of tubs is painted a rich dark red. We will quote on larger special sizes on receipt of specifications, giving inside top diameter and inside depth.

| No. | Inside Top Diam. | Inside Depth | Each |
|------|------------------|--------------|--------|
| 75 | 7 | 4 3/4 | \$2.75 |
| 77 | 7 | 6 3/4 | 3.25 |
| 85 | 8 | 5 1/4 | 3.30 |
| 88 | 8 | 7 1/4 | 3.60 |
| 96 | 9 1/4 | 5 3/4 | 3.85 |
| 99 | 9 1/4 | 9 | 4.00 |
| 119 | 11 | 9 | 4.25 |
| 1111 | 11 | 11 | 5.00 |
| 1212 | 12 | 12 | 6.60 |
| 1414 | 14 | 14 | 8.45 |



Special sizes made to order if desired.

Neponset Paper Pots

| Size | Doz. | 100 | 1000 | Size | Doz. | 100 | 1000 |
|-----------|--------|--------|--------|-------|--------|------|---------|
| 2 1/4 in. | \$0.10 | \$0.40 | \$3.60 | 4 in. | \$0.20 | 1.00 | \$10.00 |
| 2 1/2 " | .12 | .45 | 4.20 | 5 " | .25 | 1.85 | 16.75 |
| 3 " | .15 | .65 | 6.10 | 6 " | .35 | 2.50 | 23.00 |
| 3 1/2 " | .18 | .90 | 8.30 | | | | |

Not less than one thousand at thousand rate.

(All prices on this page subject to change without notice.)

Fibre Saucer Trucks for Large Pots and Tubs



Fibre Roller Saucer



Fibre Saucers

These are made of Indurated Waterproof Fibre Ware, mounted on detachable iron frame with castors. They are a great convenience for using with the larger size pots and tubs. Being perfectly waterproof, they are especially suitable for use in parlors, halls, etc.

| | Each | Doz. |
|--------------------------------------|--------|---------|
| 12 in. diameter, 3 castors | \$1.10 | \$12.00 |
| 14 " " 3 " | 1.40 | 15.00 |
| 16 " " 4 " | 1.85 | 19.00 |
| 18 " " 4 " | 2.25 | 24.00 |
| 20 " " 4 " | 2.75 | 30.00 |
| 22 " " 5 " | 3.30 | 36.00 |

The 12-inch size is suitable for a 10-inch pot, the 14-inch for a 12-inch pot, and so on.

Fibre Saucers without Castors

Made from Indurated Fibre Ware, prevents moisture passing through to injure table, floor or carpet.

| No. | Each | Doz. | 100 | No. | Each | Doz. | 100 | No. | Each | Doz. | 100 |
|-------------------------|--------|--------|---------|-------------------------|--------|--------|---------|--------------------------|--------|---------|----------|
| 5 in. Saucers | \$0.40 | \$4.35 | \$33.00 | 9 in. Saucers | \$0.53 | \$5.70 | \$43.00 | 16 in. Saucers | \$1.50 | \$16.75 | \$126.00 |
| 6 " " | .42 | 4.60 | 34.50 | 10 " " | .55 | 6.00 | 46.00 | 18 " " | 1.80 | 19.50 | 148.00 |
| 7 " " | .45 | 4.90 | 37.00 | 12 " " | .67 | 7.25 | 55.00 | 20 " " | 2.55 | 27.75 | 210.00 |
| 8 " " | .48 | 5.20 | 39.00 | 14 " " | .85 | 9.25 | 70.00 | | | | |

The three sizes last quoted are deep and serviceable. Shallow dishes can be supplied at a lower price

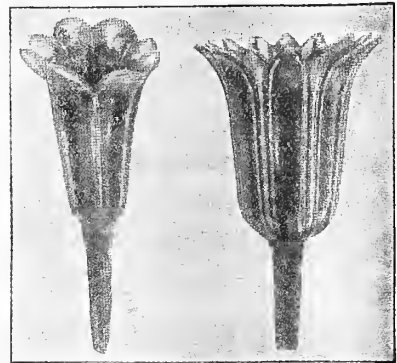
Bouquet Holders for Cemeteries

Indispensable for cemetery use. Made of iron, nicely finished in green and bronze.

| | | | |
|-----------------------|--------------|----------------------|--------------|
| No. 4 Tulip | Each, \$0.40 | No. 0 Lily | Each, \$0.35 |
| " 5 " | .50 | " 1 " | .60 |
| " 6 " | .60 | | |

Egyptian Bouquet Holder, new pattern, large size; holds half gallon water, \$2.00 each.

Tin Bouquet Holders. No. 35, \$1.25 doz., 12c. each; No. 36, \$1.50 doz., 15c. each; No. 37, \$2.00 doz., 20c. each.



Bouquet Holders

| | | | |
|--|--------------|---|--------------|
| No. 22, Single Tray, 10 x 24 in. | each, \$1.50 | No. 23 Single Tray, 10 x 33 in. | each, \$2.10 |
| No. 20, 2-Wire Trays | each, \$3.00 | No. 20, 3-Wire Trays | each, \$4.20 |
| | | No. 20, 4-Wire Trays | each, \$5.70 |

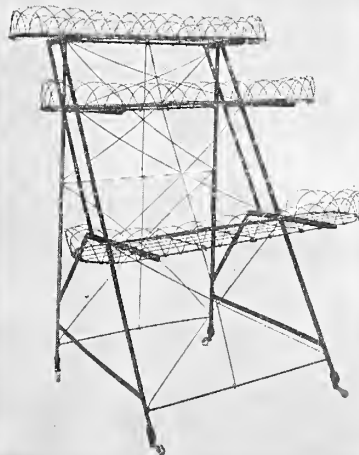
Berlin Reservoir Vases for Lawns, Cemeteries, etc.

These iron vases are so constructed that one watering will keep the earth moist for a long time without souring the soil or injuring the roots. The reservoir is below the soil and water is taken up as wanted by capillary attraction.

| No. of Vase | Height without Ped. | Diam. of Vase | Height of vase and Ped. | No. of Ped. | Painted vase and Ped. | Bronze vase and Ped. | Extra for vase handle. Per pr. |
|-------------|---------------------|---------------|-------------------------|-------------|-----------------------|----------------------|--------------------------------|
| 1 | 19 | 17 | 25 | 1 | \$7.30 | \$8.00 | \$3.00 |
| 2 | 21½ | 20½ | 28 | 2 | 10.00 | 11.00 | 3.50 |
| 2½ | 26 | 24½ | 33 | 2½ | 14.50 | 16.00 | 4.25 |
| 3 | 29 | 27 | 37 | 3 | 19.00 | 21.00 | 5.00 |



Berlin Cemetery Vase



Folding Plant Stand



Berlin Cemetery Vase with Handles

For free delivery offers and general instructions regarding orders and shipments see third page of cover

Earthenware Cemetery Bouquet Holders

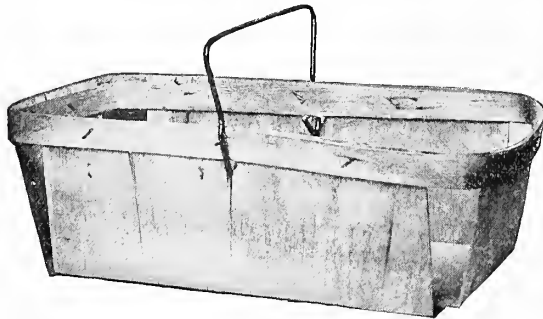
Very solidly made receptacle holding more water than the old cast iron vase.

Each
Moss Green, \$0.30
\$3.00 per doz.
Red Clay, 0.10
\$1.00 per doz.

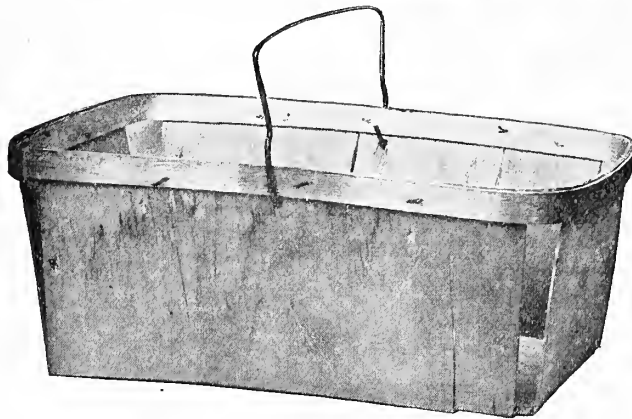
Prices net F. O. B.
Boston



Plant and Pansy Baskets



2 Quart Size. U. S. A. Standard



3 Quart Size. U. S. A. Standard

Suitable for Pansies, verbenas, tomatoes and other small plants. Well made. Wire handles, packed 500 baskets to a crate, including handles. U. S. Standard Sizes.

| | | |
|------------|--------------|---------------|
| 2 qt. size | \$2.25 per C | \$20.00 per M |
| 3 " " | 3.00 " " | 28.00 " " |

Rustic Work

Strongly made from Natural Roots and Knots

Hanging Baskets. 8 in. 75 cts., 9 in. 85 cts., 10 in. \$1.00, 11 in. \$1.25, 12 in. \$1.50 each.

Window Boxes. 18 in. long \$1.40, 24 in. long \$2.00, 30 in. long \$2.75 each.

Hexagon Stands. Height 26 and 31 inches. 16 in. diam. \$2.50, 20 in. diam. \$3.50, 24 in. diam. \$4.50, each.

Oblong Stands. 24 in. high, 18 in. long \$3.00; 28 in. high, 24 in. long, \$3.50; 31 in. high, 28 in. long, \$6.00 each.

Round Vase. Height 30 in., diameter 13 in. \$3.50.

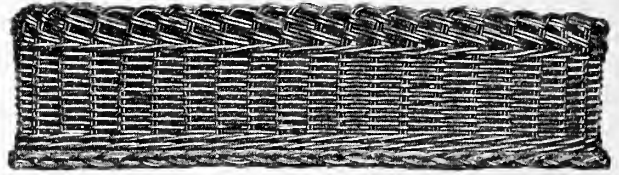
Arm Chair. No. 3, each \$6.50.

Rustic Settee. Length of seat, 2½ ft. \$5.50; 3½ ft. \$7.50; 4½ ft. \$10.00 each.

Any special size or design to order

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

Wicker Window Boxes



Wicker Window Box

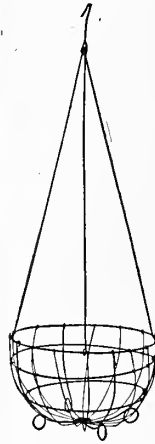
Well made, oblong wicker basket, with heavy zinc tank inside, waterproof making a most durable, neat and attractive window box for indoor plants. Stock sizes painted green; any size made to order at short notice. Following sizes carried in stock:

24 in. \$4.00 each 30 in. \$4.50 each 36 in. \$5.25 each

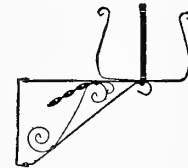
Wire Window Shelf. With adjustable steel brackets. 36 inches long, with brackets complete, \$1.50; each additional foot 50 cents.

Wire Hanging Baskets No. 35

| | |
|--------------|--------------------------------|
| 5 in. bottom | per doz., \$2.40, each, \$0.25 |
| 7 " " | " " 3.00, " .30 |
| 9 " " | " " 3.60, " .35 |



Moss Basket



Flower Pot Bracket

Moss Baskets

No. 37

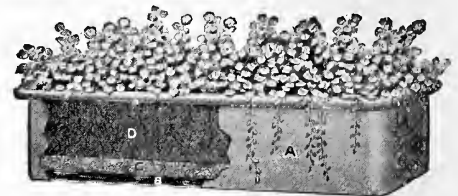
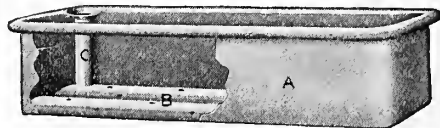
| | |
|-------------------|-------------|
| 5 in. across top, | Each \$0.20 |
| 8 " " | .25 |

Flower Pot Brackets. Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The cut herewith shows the idea. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely.

They are made throughout of flat steel, perfectly strong and can be fastened on the narrowest moulding. Black finish.

| No. | Length of Arm | Clasp to hold | Price each | Price doz. |
|-----|---------------|---------------|------------|------------|
| 1 | 7 in. | 5 in. pot | 35 cts. | \$3.60 |
| 2 | 8 in. | 6 " " | 40 cts. | 4.20 |
| 3 | 10 in. | 7 " " | 45 cts. | 4.80 |

SAVO—Flower and Plant Boxes



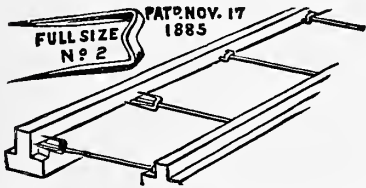
A plant box made of heavy metal, carefully and strongly constructed. An ingenious arrangement, as illustrated by the cuts, provides good drainage, free circulation of air, and plenty of water at all times for the growing plants. These boxes are finished in aluminum and dark green.

| Sizes Carried in Stock | | | | | Prices |
|------------------------|--------------|-------------|--------------|------|--------|
| Model A, | 6½ in. high, | 6½ in wide, | 23 in. long, | each | \$3.00 |
| Model B, | 8 " " " | 9½ " " " | 29 " " " | " " | 3.50 |
| Model C, | 8 " " " | 9½ " " " | 36 " " " | " " | 4.00 |
| Model E, | 8 " " " | 12 " " " | 12 " " " | " " | 3.00 |

Sterlingworth Weed Killer



This preparation is the most powerful and effective weed-killing compound known. It is unexcelled for use on walks, drives, tennis courts and golf links, and is used largely in parks and cemeteries, or where the killing of all objectionable vegetation is desired. It is a dry powder to be dissolved in water. It permanently destroys all kinds of weeds, grass (including milk-weed and witch grass), poison ivy, briars, burdocks, dandelions, daisies, thistles. One application kills roots and foliage, preventing further growth until new seed is sown. Do not dig up your walks, drives and tennis courts to kill weeds. The cheaper, quicker and less laborious way is to use this killer. It is applied with an ordinary watering can. Full directions on every can. 1-lb. pkg. (makes 10 gals.) 50 cts., 5-lb. pkg. (makes 50 gals.) \$2.00.



Glazing Points. The Peerless. The only durable and reliable points. Made of galvanized steel wire, no rights and lefts. No raising up when driving. Three sizes: Nos. 2, 2½ and 3. The Nos. 2 and

2½ are for general use; the No. 3 for extra heavy work. Per box of 1000, 75 cts. Pincers for driving same, 40 cts.

Caps, Hay, Breck's Improved. Brown, medicated, complete with ropes and pins, \$1.00 each; \$90.00 per 100.

Butter Color, Hansen's Danish. This color is famous the world over and is used wherever it is desired to impart the "golden tinge of June" to butter at all seasons of the year. Bottle, sufficient to color 500 lbs. of butter, 25 cts.; for 1200 lbs., 50 cts.; for 2500 lbs., \$1.00.

Mats, Straw. Hotbeds, 6x6, \$2.50 each; 3x6, \$1.50. Other sizes to order.



Arlington Plant Protector

Protectors, Arlington Plant. Protect from bugs, bores and fowls, also subdues wind, rain and cold. Each 30 cts., doz., \$3.00.

Cotton Batting. For packing flowers, etc. Per sheet 10 cts.

Breck's Drill and Felt Mat. Size 76 x 76 inches, wool filled and quilted, frost proof. Drill, outside covering, \$2.75 each. 3 x 6 size, \$1.50 each.

Pencils. Wolff's Indelible Garden. For writing on wood labels, with point protector. Each 20 cts., doz. \$2.00.

Protecting Cloth for Hotbeds. Used as a substitute for glass for protecting plants in early spring. Per yard, 22 cts.; per piece of 60 yards, 20 cts. per yard.

Putty Bulbs. A simple and useful device for applying putty to sashes, \$1.25 each.

White Wax Paper. For packing and protecting flowers and plants. Size 12 x 18 inches, 90 cts. per ream. Size 24 x 36 inches, \$3.50 per ream.

Kraft Wrapping Paper. In 18, 24 and 30 in. rolls. For wrapping parcels, boxes, etc., per pound 15c. Price subject to change.

Twine, Melon Nets. 20c each; \$2.00 a doz. For supporting melons growing in greenhouses.

Hyacinth Glasses



Tall



Tye's

The Hyacinth Glasses we offer are of American manufacture. They are of better shape and in more desirable colors than the imported Belgian glasses usually sold.

Ordinary Tall Shape. Green, blue and amber. Each 25 cts., doz. \$2.50.

Tye's Style. Green, blue and violet. Each 30 cts., doz., \$2.75.

Mastica

(For Greenhouse Glazing.)



We originally introduced Mastica to the horticulturists of New England. It is superior to any and all other preparations for the purpose, and when results and labor in setting or resetting glass are considered it is decidedly the cheapest article to use.

We are the Manufacturers' Distributing Agents for Boston

For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 200 running feet (one side). Gallon cans \$2.00, ½ gallon \$1.25. 6% discount allowed on orders for 6 gallons; 10% discount allowed on orders for 10 gallons; f. o. b. Boston.

Machines for applying Mastica, \$2.00 each. *Net.*

Roffea



This grass, long used by gardeners for tying plants and bunching vegetables, has been adapted to new uses. While it is likely to hold its place as the best tying material yet produced, there will be a great demand for it for a few years for making baskets, mats, etc. Price quoted on application.

Garden Gloves. Specially made for garden use. Men's Gauntlet, 85 cts. per pr. Ladies' Gauntlet, 75 cts. per pr.

"Basket Making." The first book of the "How to Do It Series." Tells all about basket making. It contains over one hundred illustrations of working designs with full particulars of methods. By mail 25 cts.

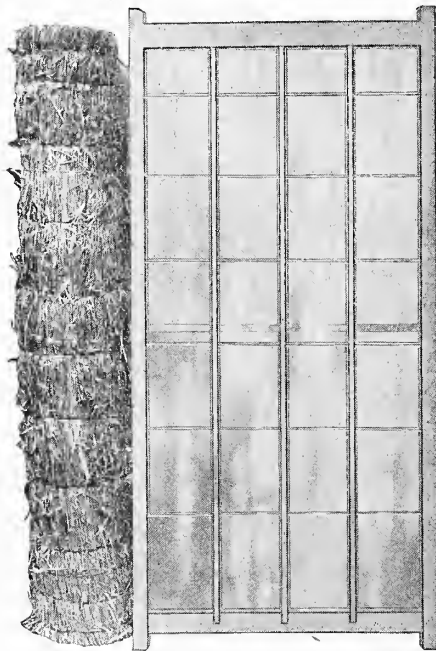
Silkalene. Used for growing smilax and asparagus on, also for tying in bouquet work; per reel, 25 cts.

Sprinklers, Scollay's Rubber. An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc.; three sizes, 75 cts., \$1.00 and \$1.25 each.



Scollay Sprinkler

Double Glass Hot Bed Sash



Straw Hot Bed Mat

Two sashes in one frame, doing away with the extra mat and board covering which must be used in this section during our severe winter, if one is to be sure of plants growing in Hot Bed or Cold Frame.

The double layer of glass, 5/8 inch apart, provides dry air space, which is the best non-conductor known, and while acting as a protecting mat or blanket, lets in the sun with its heat rays. Our sash is all puttied into the frame, which is made of the very best material and well painted and the standard 3 x 6 size; lights of glass, 10 x 12.

Price: per single sash, \$7.50; 5-sash at \$7.35 each; 10-sash and over \$7.25 each; delivered to railway station or express, Boston. Crating extra.

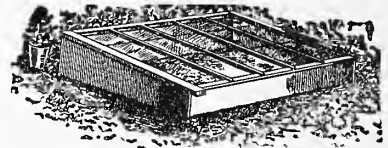
Single Glass Sash for Hot Beds or Cold Frames

Crating Extra at Cost

Made from thoroughly seasoned lumber. Frame, well puttied and painted, 1 3/4-inch stock; glass, 8 x 10. The best sash offered today in Boston.

Price: Single sash, \$6.00 each; 5-sash or over, \$5.75 each.

Breck's Special Hot Bed Sash with Frame, Complete



The outside dimensions of **Frame** are three feet one inch long, and four feet eight inches wide, made of one inch **Cypress**; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks.

Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing the frame may be made to last for years.

The **Sash** is also made of **Cypress** of one and one-half inch stock, put together and glazed in the very best manner. On the under side of the **Sash** is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbet which makes the frame very tight, preventing the cold air from entering or the heat escaping.

The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes.

In offering this **Special Hot-Bed** to our customers we feel that we have something that will give entire satisfaction and will supply a long felt want.

Our price for **Frame** and **Sash** complete is **only** \$6.50 delivered at the railroad in Boston.

Sieves, Wire. For preparing potting soil, sifting loam, gravel, etc.; 16, 18, 20 and 24 inches diameter; 75 cts., 90 cts., \$1.15, \$1.50 each respectively.

Florists' Shipping Boxes. Cardboard Cut-Flower Boxes

| Sizes | | | Prices quoted on application or supplied at lowest market price. |
|-----------|------------|------------|--|
| 21 inches | x 5 inches | x 3 inches | |
| 24 " | x 5 " | x 3 " | |
| 24 " | x 8 " | x 4 " | |
| 28 " | x 8 " | x 5 " | |
| 30 " | x 5 " | x 3 " | |
| 35 " | x 8 " | x 5 " | |

Corrugated Boxes

| Sizes | | | Prices quoted on application or supplied at lowest market price |
|-----------|-------------|------------|---|
| 26 inches | x 10 inches | x 5 inches | |
| 30 " | x 12 " | x 7 " | |
| 36 " | x 12 " | x 9 " | |

Tape, Electric. Exceedingly useful for mending rubber hose. It is a strong adhesive ribbon, 3/4 of an inch wide, can be wound tightly around a leaking part. Per coil, 25 and 50 cts.

Tinfoil. For bouquets. Per lb., 50 cts.

Twine. Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.

Twine, Parcelling. All sizes. Per ball, 10 to 25 cts.

Wax Grafting (Trowbridge's). The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb., 1/2 lb., and 1/4 lb. packages; price 40 cts., 25 cts., and 15 cts. respectively.

Wire, Bouquet. Bright, cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each.

| | | |
|--|---|-------------------------------|
| Per box, either length, Nos. 20, 21 and 22 | . | Prices quoted on application. |
| " " " " 23 and 24 | . | |
| " " " " 25 | . | |
| " " " " 26 | . | |
| " " " " 34 | . | |

INSECTICIDES AND FUNGICIDES

In general terms: **ARSENATE OF LEAD** and **PARIS GREEN** are specifics for leaf-eating insects. **KEROSENE EMULSION**, **TOBACCO FISH OIL SOAP** for sucking insects. **BORDEAUX MIXTURE** and **LIME AND SULPHUR** for fungus.

Prices subject to change without notice. See spraying calendar on page 119

"CORONA DRY" Arsenate of Lead

A pure Arsenate of Lead containing 33% arsenic oxide, absolutely chemically combined with lead and the lowest percentage of "free" or water soluble arsenic. It is the ideal compound for spraying potatoes because it combines the quality of quick poisoning (superior suspension), giving even application; absolutely safe from "burning" and great adhesiveness. It gives an even application, covers more thoroughly and sticks to the foliage longer. It mixes easily and readily in water. No working up to prepare for the spray tank. No straining. It is only necessary to shake the proportional amount into the spray tank. By using the same weight each time you spray, your mixture is always the same strength. No guesswork. Standardization is alone worth the price. No freight to pay on water; cannot freeze or dry out, cake, or lose its strength.

Prices: 1-2 lb. pkg. 30 cts. each, 1-lb. pkg. 55 cts., 5-lb. pkg. 50 cts. lb., 10-lb. pkg. 45 cts. lb., 25-lb. drums 44 cts. lb., 50-lb. drums 43 cts. lb., 100-lb. drums 42 cts. lb., 200-lb. drums 40 cts. lb.



Corona Dry Bordeaux Mixture. Bordeaux Mixture has been used in the past as a spraying compound and the standard remedy for fungus diseases and is generally recommended. The home-made freshly prepared Bordeaux compounded on one of the standard formulas has been the most efficacious product that could be used by commercial orchardists and potato growers. In the home garden it may be used dry as well as in liquid form and is needed for regular use the season through. Corona Dry Bordeaux Mixture is the result of extensive experiments to retain the values of the freshly prepared substance to the fullest extent. The intense greenish blue color of the freshly prepared mixture has been retained to a large degree and its practical use in the field has shown that we have been very successful towards preserving the fungicidal and stimulating values as well. But Dry Bordeaux can often be substituted with Dusting Sulphur especially in combating Mildew wherever found, as well as in the greenhouse. This substitution is recommended when possible, particularly on flowers and roses because the Dusting Sulphur does not stain the foliage. Uses of Dry Bordeaux are mentioned under the different headings. It is put up in standard sizes.

Prices: 1-2 lb. pkg. 25 cts., 1 lb. pkg. 40 cts., 5 lb. pkg. 35 cts. lb., 10 lb. pkg. 30 cts. lb. Special prices quoted on larger amounts.

Corona Tobacco Dust. For use in the garden, the Tobacco Dust should be in the form of a fine powder and this is the standard we have approached in Corona Tobacco Dust. When dusted over young plants it is very efficient in repelling many kinds of bugs and in keeping the foliage free from Aphids and Lice. Its specific uses have been indicated under the different plants and vegetables enumerated. There need be no fear of using too much, it does no harm and is a good fertilizer.

Prices: 1-2 lb. pkg. 10 cts. each, 1 lb. pkg. 18 cts. 5 lb. pkg. 16 cts. lb., 10 lb. pkg. 15 cts. lb.

Corona Dusting Sulphur for Fungus Pests. Pure refined superfine flour sulphur. No other ingredients. This pure sulphur is especially prepared for dusting. It can be used for all purposes of commercially pure sulphur. There are many insects, and even more fungus diseases, that have no known remedies at the present time. The fungus diseases are the harder of the two to handle, but some of the most common ones can be controlled by use of an efficient sulphur product.

Prices: 1 lb. can 20 cts., 5 lb. cans 75 cts., 25 lb. drums 9 cts. lb., 100 lb. drums 7 cts. lb.

THE CORONA GARDEN GUIDE

10 cents per copy.

A Pocket Companion and Ready Reference book for every Garden Worker.

SCALECIDE

(With Fungicide)



A reliable, simple and economical spray for San Jose Scale, Brown Scale, Red Scale, Cottony Maple Scale, Pear Psylla, Rust Mite, White Fly, and many other scale and soft bodied sucking insects. Scalecide is not an emulsion, but a soluble miscible oil that mixes instantly with cold water and stays mixed. We believe it to be more effective than any other soap or oil emulsion, and if used as directed will not injure the trees. Spray thoroughly or not at all, using finest nozzle. Fogging is better than drenching. Full directions for use accompany each package. We have secured a large stock, placed it in our warehouse in Boston, enabling us to make immediate shipments to all local points and at very short notice.

Prices: Quart cans, 60c. each; 1 gallon cans, \$1.45 each; 5 gallon cans, \$5.30 each; 30 gallon cans, \$25.50 each; 50 gallon cans, \$39.25 each. All F. O. B. Boston. Prices subject to market changes.

Aphis Punk, Nikoteen. A special preparation of Nicotine for the extermination of Green and Black Fly, Thrip, etc.; contains no ammonia and does not injure delicate plants.

Per box of 1 doz. rolls (720 grains Nicotine), 75c.; case of 12 boxes \$7.50.

Aphine. Most effective against all plant sucking insects infesting flowers, foliage, fruits and vegetables. Can be used as a spray, wash or dip.

¼ pt. cans 25 cts.; ½ pt. cans 40 cts.; 1 pt. cans 65 cts.; qts. \$1.00; gals. \$2.50.

Creosote Mixture. This mixture is sure death to the eggs of the Gypsy Moth, Tussock Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee.

Prices: 1 qt. 25c., 1 gal. 75c., 5-gal. cans 60c. gal., 50-gal. bbl. 24c. gal.

He-bo (Sterlingworth). A substitute for Hellebore which is satisfactory for use against Rose slugs, currant worms, cabbage worms and most other leaf eating insects, where a milder poison than paris green is desired. For many uses it is superior to Hellebore. Price: ½ lbs. 15c., 1 lb. 25c.

Breck's Victor Fly Driver

Safe to use, thoroughly effective and cheaper than any other first-class preparation for the purpose on the market. Put up in 1-gal. cans only.

Prices: 1-gal. can, \$1.00; case of 1 doz. cans, \$9.00.



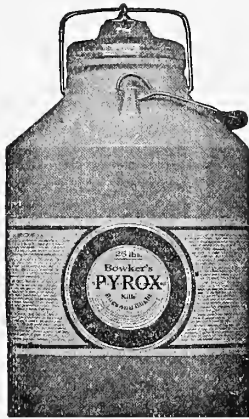
Bordeaux Mixture, Liquid, Acme Brand. We consider this the best concentrated Bordeaux Mixture on the market. One gallon makes 50 gallons of Bordeaux by simply adding 49 gallons of water. It does not clog the nozzle and adheres to the leaves. Full directions on cans for use.

Prices: 1-qt. cans, 50c; 1-gal. cans, \$1.50; 5-gal. cans, \$5.50; 10-gal., \$9.50; 25-gal., \$21.00 each.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

INSECTICIDES AND FUNGICIDES—Contd.

Prices subject to Market Changes.



Bowker's Pyrox. The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes saving labor and expense. "Sticks like paint" in spite of even heavy rains. Guaranteed under the National Insecticide Act. All ready to use by adding water. 1 lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75, 50 lbs. \$10.75, 100 lbs. \$20.00, 300 lbs. \$57.00. Large quantities, price on application.

Bowker's Concentrated Lime Sulphur kills San Jose Scale, Oyster Shell bark lice, etc., and gives the tree a thorough "house-cleaning." It should be

applied any time after the leaves drop in autumn and before the buds start in spring. Needs only to be diluted with cold water and it is ready to apply. One gallon makes 10 gallons of spray. Guaranteed under the National Insecticide Act. 1 gal. 75 cts., 5 gal. can \$3.00, 10 gal. can \$4.50, 50 gal. bbl. \$12.00. Write for special prices on larger quantities, stating quantity required.

Bowker's Arsenate of Lead (Disparene Brand). It is easy to apply and won't injure the most tender foliage. 1 lb. 32 cts., 5 lbs. \$1.20, 10 lbs. \$2.20, 25 lbs. \$5.25, 50 lbs. \$10.00, 100 lbs. \$19.00.

"Black Leaf 40." A concentrated solution of Nicotine sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against Green and Rosy apple, Aphis, Pear psylla, Hop louse, etc., one fluid ounce "Black Leaf 40" to eight gallons water. Against Black Aphis, Woolly Aphis, one fluid ounce "Black Leaf 40" to 6 gallons water. Add soap as follows: One pound of good laundry or fish oil soap to each thirty gallons water, which lessens formation of drops and gives better penetration. Dissolve the soap in the water before adding "Black Leaf 40." Keep solution well stirred while spraying. Full directions for all uses attached to every can. 1/2-lb. cans 75 cts. each, 2-lb. cans \$2.50 each, 10 lb. cans \$10.75 each.

Eciffo. A sure cure and prevention of water-bugs, cockroaches, etc. Per tin 50 cts.

Fungine. An infallible remedy for mildew, rust, bench rot and other fungi affecting flowers and vegetable plants. 1/2 pts. 40 cts., pt. cans 65 cts., qt. cans \$1.00, gals. \$3.50.



Grape Dust. Destroys mildew on grape vines. Can also be used in the garden for mould, mildew or rust mites. 5-lb. pkg. 40 cts.

In-a-Minute. Best known killer of roaches, hen lice, ants in the house, and also bed bugs, etc. Non-explosive, non-staining, and non-poisonous. Bottle, 35 cts.

Kerosene Emulsion, Acme Brand. This is a concentrated article for successful use against scale and all soft-bodied sucking insects, such as San Jose Scale, Plum Lecanium, etc. Dilute 10 to 12 times

for plant lice and soft-bodied bugs. Use strong solution for scale insects. Pt. can 25 cts., qt. can 40 cts., gal. can \$1.00 5-gal. can \$4.50.

Oriole Brand North Carolina Pine Tar. Strictly pure old process North Carolina Tar in full measure cans; useful for protecting cut surfaces of pruned trees, also broken and bruised places in the bark of trees and shrubs. Price per gal. 75 cts. (in gallon cans only.)

Bug Death. A patented non-poisonous powder, effective against potato, squash, and cucumber bugs, currant and tomato worms also other plant and vine eating pests. If used according to directions injury cannot result to the most tender plants and it has a tendency to assist growth. Bug Death may be applied dry in a shaker or mixed with water and sprayed. Prices 1 lb. boxes, 25 cts., 3 lb. boxes, 50 cts., 5 lb. boxes, 75 cts. 12 1/2 lb. boxes, \$1.50, 100 lb. drums, \$8.50.



Reg. U. S. Pat. OFF.
Pat. March 16 and Nov.
9, 1897.

ROGERS DRY LIME SULPHUR

In Rogers Brand of Dry Lime Sulphur we find successfully combined lime and sulphur in a dry form and producing a compound which has all of the insecticidal and fungicidal qualities of the liquid material and all of its advantages with none of its disadvantages. Safe and effective not only as a dormant spray but also as a summer spray in combination with arsenate of lead. Rogers Dry Lime Sulphur has been tested by experiment stations and found to be infinitely superior to all of the present dry compounds on the market, not only in safety but in effectiveness.

From 10 to 12 pounds of Rogers Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc.

From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for summer spraying on all seed fruits such as apples, pears, quinces, etc.

From 1 to 1 1/2 pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for summer spraying of peaches, plums and all stone fruits.

Prices: 1 lb. pkgs., 25 cts.; 5 lb. pkgs., 20 cts. per lb.; 10 lb. pkgs., 18 cts. per lb.; 25 lb. pkgs., 16 cts. per lb.; 100 lb. keg, 15 cts. per lb.; 225 lb. bbl. 14 cts. per lb.

RAT CORN

RAT CORN



Is not an experiment. On the contrary, it is a thoroughly tried, and proven destroyer of rats and mice. It is poison to rats and mice. When dead they leave no odor, as they are mummified. Keep away from fowl. It is sure death to rats and mice. Rat corn is guaranteed to do everything we claim, and this statement

can be used as our guarantee with each box you buy. Rat corn will kill rats and mice. It is safe, sane and sanitary; rats die in their nests. You find no dead ones around, no odor and no danger of being infected, as you do not have to handle dead rats to bury them when killed with rat corn. Start to use rat corn now before it is too late. Sold in 25c., 50c. and \$1.00 packages. Sent post paid on receipt of price.

For free delivery offers and general instructions regarding orders and shipments see third page of cover

INSECTICIDES AND FUNGICIDES—Contd.

All Prices on This Page Subject to Change Without Notice.

Lemon Oil. An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. Pt. 60 cts., qt. \$1.00, gal. \$3.00.

"Nico-Fume" is especially effective against Aphids ("Green Fly" and "Black Fly") and against all insects affected by tobacco. "Nico-Fume" is packed in special friction-top tins and is sold as follows: 24 sheets 85 cts., 144 sheets \$4.00, 288 sheets \$7.50.

"Nico-Fume" Liquid. ¼ lb. can 50 cts., 1 lb. can \$1.50, 4 lb. can \$5.50, 8 lb. can \$10.50.

Nikoteen. Packed in pint bottles; each bottle contains all the nicotine obtained from 200 pounds of tobacco stems. A cheap, clean and safe insecticide. Can be applied by fumigation, or applied locally, diluted as a spray. Pt. bottle \$1.50.

HOW TO MEASURE THE HOUSE. To ascertain how many cubic feet there are within any greenhouse, etc., multiply the length in feet by the breadth in feet, then by the average height; the result being the number of cubic feet.

Paris Green, Guaranteed Pure. This is the highest grade of Paris Green it is possible to make. It is manufactured from pure material and is always of uniform quality. Be careful of cheap greens and so-called new methods. These products are liable to burn and scorch the leaves. ¼ lb. 25 cts., ½ lb. 45 cts., 1 lb. 85 cts. Subject to market changes.

Reade's Electric Worm and Ant Destroyer. A most effective and quick acting liquid preparation, which will destroy earth worms, ants and other soil pests. Add a gallon to 120 gallons of water, mix well; apply carefully and thoroughly with an ordinary watering pot. All Golf green keepers should have a supply on hand. 1 gal. kegs \$4.00; 5 gal. kegs, \$3.50 per gal.

Sterlingworth Cut Worm Killer is a powder for sprinkling near the vegetation to be protected, and is so alluring to Cut Worms that they are irresistibly attracted to it. Dead Cut Worms may be seen wherever there are Cut Worms and this Killer is used. It is non-poisonous, and birds, fowl and pets that eat the dead Cut Worms are not killed. Do not use poison for killing Cut Worms. You may poison insect-eating birds. One pound protects 175 plants in hills, and 150 lineal feet when in rows. 1-lb. box 25 cts., 5-lb. tins \$1.00, 24-lb. drums \$4.00.

Slug Shot. Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. 1 lb. boxes 20 cts., 5 lb. pkg. 45 cts., 10 lb. pkg. 85 cts., in bbls. of about 225 lbs., per lb. 7½ cts.

Sterlingworth Anti-Crow Corn Oil is a non-poisonous oil for protecting newly planted corn from crows and blackbirds. Do not kill the crows. They eat bugs. Corn treated with this Oil will run through a seeder. Different and better than tar. 1-pt. can 25 cts., 1-qt. can 40 cts., 1-gal. can \$1.25.



Sterlingworth Plant Lice Killer. Is a combination of Nicotine soap and oil for use against all small sucking insects, lice, etc., infesting house plants. Use one part to 15 parts water and sprinkle or spray. Price 25 cts. pint, gal. \$1.50.

Sterlingworth Ant-i-cide. Is for sprinkling on ant hills or out of doors on the ground wherever ants appear. One pound covers about 200 square ft. 1 lb. box 25 cts., 5 lb. tins \$1.00, 25 lb. drums \$4.50 each.

Soap Spray, Imperial. Contains no mineral poisons, but does contain vegetable poisons, harmless to plants, but peculiarly effective against Red Spider on fruit, etc., Rose Bug, White, Black and Green Fly, Mealy Bug, Thrip, Aphid, and other insect pests on fruits, flowers and foliage. It sticks but can easily be washed off fruit before marketing. It does not spot leaves. Harmless to animals eating orchard grass. Largely used for general tree and shrub spraying against elm-leaf beetle, etc. Qt. 65 cts., gal. \$2.20, 5-gal. can \$9.00, 10-gal. \$17.25. Prices subject to change.

Soap, Fish Oil. This is for the destruction of San Jose scale and all sucking insects. Lb. 25 cts., 5 lb. pkg., \$1.10, 10 lb. pkg. \$2.00, per 100 lb. \$15.00. Special prices on kegs and casks.

Soap, Sulpho-Tobacco (Patented). A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsurpassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all animals. Every insect will succumb to this insecticide. 3 oz. cake 10 cts., 8 oz. cake 20 cts.

Sulphate of Copper (Blue Stone). Lb. 15 cts., subject to market changes.

Sulphur, Flowers of. Used to prevent and cure mildew on plants. Lb. 12 cts., 100 lbs., \$8.00.

Tree Tanglefoot. A perfect safeguard for trees, vines and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can. 1 lb. can 50 cts., 3 lb. can \$1.35, 10 lb. can \$4.25, 20 lb. can \$8.00.

Tree Burlap. 10 inches wide, for girdling trees. Prices quoted on application.

Tobacco Stems. For fumigating. If used as a mulch around sweet peas and other plants they prevent the destructive work of the wire and cut worms. Per lb. 5 cts., \$1.00 per 30 lb. sack, per 100 lb. \$3.00.

Tobacco Dust. Fine ground. Can be used for dusting on plants, animal and poultry houses, to destroy lice, vermin and other insects. Can also be used to fumigate against insects, lice, etc. Readily lighted and consumes itself without making a flame, throwing off great quantities of smoke. Lb., 10 cts., 100 lbs. \$4.50.

Vaporite. A fine, dry powder, most effective for killing ants, beetles, wire worms, cut worm and similar insects in the garden soil. To destroy ants one should dust the Vaporite over the ground near the largest ant hills and runs, then wet the insecticide down thoroughly with hose or watering pot, that it may be driven as far into the soil as possible. To use it most effectively against the cut worm, Vaporite should be thoroughly worked into the surface soil 5 or 6 days before planting time. 15 cts. lb., 5-lb. can 60 cts., 100 lbs. \$10.00.

Vermine. Destroys white grub, cut, eel and wire worms, slugs, maggots, root lice and ants. For greenhouses, gardens, lawns, tennis courts and golf-links. ¼ pt. 25 cts., ½ pt. cans 40 cts., pt. cans 65 cts., qt. cans \$1.00, gal. cans \$3.00.

For free delivery offers and general instructions regarding orders and shipments see third page of cover



The Acre-an-Hour Sifter

Is ideal for applying Bug Death Dry. Easy to operate and gives a quick covering to all plants and vines requiring a top application. Price, 75 cts. each. *Net.*

Dickey's Bug Death Shaker

The best thing in the way yet offered. Every person who has a garden will want one. Price, 35 cts. *Net.*

Cooper's Dipping Powder

A Sheep Dip made for Sheep. Cooper's Dipping Powder kills ticks, all the ticks, and with a single dipping.

Price: Small package, makes 25 gallons \$0.50
Large Package makes 100 gallons 2.00

MacDougall's Sheep Dip

An effective non-poisonous preparation in liquid form for dilution with water, for killing vermin on Sheep, Cattle and other domestic animals.

Per lb. 50c. One-half gallon \$1.50. One gallon \$2.50



The Acre-an-Hour Sifter

TOLMAN LAND LIME

LIME benefits the soil in the following ways:

- LIME sweetens a sour soil.
- LIME mellows heavy and clayey soils.
- LIME makes available certain valuable potash compounds otherwise lost.
- LIME increases the capacity of the lighter soils to retain moisture.
- LIME makes phosphatic fertilizers more effective.
- LIME makes organic matter decompose more rapidly and easily, thereby rendering the vital plant food contained more promptly available.
- LIME in the soil combats organisms causing diseases among cabbages, cauliflower, turnips, beets and the like.

TOLMAN LAND LIME has been prepared with great care under the advice of experts and practical farmers to satisfactorily meet the rapidly increasing demand for lime in agriculture. It comes from unusually pure calcium lime-rock testing approximately 96% straight CaCO₃ with less than 2% MgCO₃ present and is thoroughly kiln burned (not *unburned* lime-stone). On leaving the kiln it is carefully mixed with lime hydroxide in the proportion of one-third lime oxide to two-thirds lime hydroxide, yielding a mixture sufficiently caustic to do its work but amply tempered with the lime hydroxide to prevent soil and root burning as well as discomfort in handling. Our product is thus powerful, *and* safe even on light soils.

In order to make TOLMAN LAND LIME easier and pleasanter to use it comes in a uniformly sand grained size, coarse enough not to sift and blow about like pulverized lime and still sufficiently fine to promote ready absorption by the soil and work easily in spreaders.

We claim that our LIME accords with the latest recommendations of the various Agricultural Experiment Stations and that it is safe, powerful, economical, uniform and comfortable to handle. It comes packed in convenient, durable, cotton cloth sacks, one hundred pounds to the sack.

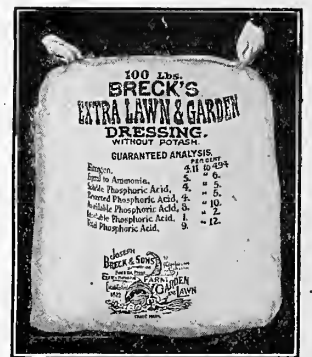
Price \$1.00 per 100 lbs., \$12.00 ton

FERTILIZERS

Breck's Extra Lawn and Garden Dressing

Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower.

| | |
|--|--------|
| Trial bag for 1000 square feet | \$0.65 |
| " 2500 " | 1.25 |
| 50-lb. bags for 5000 " | 2.25 |
| 100-lb. " 1/4 acre | 4.00 |



Bon Arbor Ant Destroyer

A most effective preparation for destroying and driving away ants infesting lawns, tennis courts and golf courses. Usually about 3 days is required to get rid of the ants and about three applications are necessary. Follow directions on package carefully. Price per lb. 50 cts. 5-lb. cans \$3.25; 10-lb. cans \$6.00; 25-lb. box \$12.50. Price subject to change.

Bon Arbor Plant Food

Dry chemicals, 30 gallons of water to one pound of Bon Arbor. A very powerful chemical fertilizer; follow directions carefully. Prices: 1/2-lb. can 35c; 1 lb. can 60c; 5-lb. can \$2.35.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Breck's Ram's Head Brand Pulverized Sheep Manure—(Odorless)

A standard dressing for lawns and around private homes or cemeteries; on golf courses and wherever a strong, luxuriant growth of grass is needed. No time is lost waiting for Pulverized Sheep Manure to rot, as is the case with stable or Barnyard Manure, and no necessity for raking off refuse after an application of Breck's Ram's Head Brand, or danger of tracking into the house, or making the lawn unsightly or evil smelling.

Apply Ram's Head Brand two or three times during the season before rain or watering at the rate of one pound or over to 30 square feet or less. This will keep the lawn or golf course in flourishing condition.

Ram's Head Brand is pure and unadulterated. We get it from Sheep Corrals where the animals have been kept under cover, hence it retains its full strength, and besides has been put through a mechanical drying and grinding process which destroys absolutely all weed seeds, rendering Ram's Head Brand very valuable for the florist to be used as a bench fertilizer.

We are selling increased quantities of our brand to the florist for this purpose and we can highly recommend it. \$55.00 ton; 100-lb. bags, \$3.00; 50-lb. bags, \$1.75; 5-lb. pkgs., 30c; 1-lb. pkgs., 10c; f. o. b. Boston.

Scotch Soot

This is much used by florists and gardeners, both as a fertilizer and fungicide. Mixed with Flowers of Sulphur (two-thirds soot, one-third sulphur) there is nothing better to prevent and cure mildew. Used as a fertilizer either in the dry state or in liquid, it quickly promotes growth. Per bag of about 2½ bu., \$4.00 per 100 lbs.

Breck's Extra Market Garden Manure

[4-9-1]

A high-grade, properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops. Especially recommended for market gardeners. \$2.00 for 50-lb. bag; \$3.75 per 100-lb. bag; \$72.00 per ton, all f. o. b. Boston.

Fine Ground Fertilizer Bone

We have a high grade of this valuable fertilizer prepared especially for us. It is useful for all crops, but especially for grass lands and Fruit Trees. Price per 50-lb. bag, \$2.20; 100-lb. bag, \$3.50; per ton, \$60.00.

Inch or Grape Bone

This is unmanipulated bone, broken into pieces that vary in size from one-quarter to an inch. It is unsurpassed as a lasting fertilizer for grape vines, fruit trees, shrubs and trees of all kinds. It should be used liberally in grape vine borders and when setting out vines and fruit trees. Mix with soil to a depth of one foot or more. Price, \$4.00 per 100 lbs.; \$65.00 per ton, f. o. b. Boston.

Agricultural Chemicals

Ton
100 lbs. 200-lb. bags

Plain Superphosphate or Acid Phosphate, 14%,
Plain Superphosphate or Acid Phosphate, 16%, \$42.00 ton;
\$2.50 per 100 lb.
Nitrate of Soda, 18.23% ammo. Per lb., 15c; 10 lbs. for
\$1.00; \$8.50 per 100 lbs.

On the following, prices are quoted on application. All quotations subject to change without notice and stock unsold.

Sulphate of Ammonia, 24.50% ammo.
Ground Tankage, 6% ammo., 30% bone phos.
Ground Tankage, 9% ammo., 20% bone phos.
Blood Tankage, 12% ammo.
High Grade Dried Blood, 16% ammo.
Ground Untreated Phosphate Rock, 31.12% total phos. acid, 68% bone phos.
Basic Lime Phosphate, 13% av. phos. acid, 30% lime.
Fine Ground Nova Scotia Land Plaster.
R. R. Lime, \$1.25 per 100 lbs.; \$18.00 per ton.

Breck's Wood Ashes

A valuable fertilizer for top dressing meadows, lawns and orchards, containing from 2 to 4% potash and 40 to 45% calcium oxide. Special prices quoted on carload lots. For shipment from Boston warehouse, price, 100-lb. bags, \$2.00; per ton, 200-lb. bags, \$35.00.

Soil, Peat, Leaf Mould, Etc.

Prepared Potting Soil. Specially prepared with peat, leaf mould, loam, sand and fertilizer. Peck, 30c; bu., \$1.00; per 3-bu. sack, \$2.00.

Peat, Rotted Fibrous. Fine, light and sweet. For some varieties of plants this is invaluable. Peck, 30c; bu., \$1.00; per 3-bu. sack, \$2.25.

Leaf Mould. Vegetable humus, a desirable addition to all soils used for potting. Peck, 30c; bu., \$1.00; 3-bu. sack, \$2.25.

Silver Sand. For rooting cuttings and mixing with potting soil. Peck, 50c; bu., \$1.50 net.

Fern Root or Orchid Peat. Bu., \$1.50; per 3-bu. sack, \$3.00.

Sphagnum Moss. Per bag of 2 bu., \$1.00; per bale, \$6.00.

Agricultural Salt. For killing weeds in Asparagus beds, walks, driveways, etc. Per 100 lbs., \$1.25.

Alphano Inoculant

Every can of Alphano Inoculant is guaranteed to contain an abundance of each and all of the legume Bacteria, together with the independent Nitrogen fixing Bacteria and a complete beneficial soil flora.

Alphano Inoculant is made by a new process and will thoroughly inoculate any legume.

List of 28 legumes that can be inoculated with Alphano Inoculant:

| | |
|----------------|-------------------|
| Alfalfa | Mammoth Clover |
| Red Clover | Crimson Clover |
| Sweet Clover | White Clover |
| Perennial Peas | Burr Clover |
| Sweet Peas | Yellow Clover |
| Cow Peas | Berseem Clover |
| Soy Beans | Canada Field Peas |
| Garden Peas | Velvet Beans |
| Garden Beans | Sword Beans |
| Lima Beans | Lespedeza Clover |
| Peanuts | Lupins |
| Alsike Clover | Vetch |
| Lentils | Serradella |
| Sainfoin | Navy Beans |

Price for the one-acre size can, \$1.00—net weight when packed, 2 lbs.



Breck's Improved Leaming Corn on Farm of Eliot Hubbard, Esq., Millis, Mass. Jas. A. Payson, Supt. Mapes Corn Manure Used

THE MAPES MANURES

All orders for 200 lbs. and over will be shipped in 200 pound bags. Delivered F. O. B. cars, Boston
Prices subject to change without notice

THE MAPES POTATO MANURE. 1916 Brand

Guaranteed Analysis. Minimum Percentages

Nitrogen, 3.71%; equivalent to Ammonia, 4.50%; total Phosphoric Acid, 8%; available Phosphoric Acid, 8%; Potash, soluble in distilled water, 1%

It is also well adapted for all vegetables at planting or any hoeing, particularly where starch and sugar formation is desired—superior quality of crop as well as large yield; also for sweet potatoes, asparagus, sweet corn, sugar beets, strawberries, and all small fruits—pears, grapes, etc.

The Phosphoric Acid and Organic Nitrogen are derived exclusively from animal bone, animal and organic matter. No Rock or Acid Phosphates used. The soluble Nitrogen and Ammonia are in form of high grade Salts of Ammonia and Nitrogen. The Potash is in form of high-grade Salts of Potash. No Muriate of Potash used.

Directions for Use.—May be used in hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows; mix as thoroughly as possible in any manner which best commends itself—with plow, hoe, brush, sled, chain, etc. Use 800 pounds and upward per acre on ordinary land.

The quantity of this manure may be increased to one ton per acre, and this quantity is successfully used by many growers particularly when potato crop is followed by wheat, grass, corn, etc.

Price, 100 lb. bag, \$4.50 200 lb. bag, \$8.50 Per ton in 200 lb. bag, \$82.00

THE MAPES CORN MANURE. 1916 Brand

Guaranteed Analysis. Minimum Percentages

Nitrogen, 2.47%; equivalent to Ammonia, 3%; total Phosphoric Acid, 10%; available Phosphoric Acid, 8%; Potash, soluble in distilled water, 1%

For sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seedling to grass.

The Phosphoric Acid and Organic Nitrogen are derived exclusively from animal bone, animal and organic matter. No Rock or Acid Phosphates used. The soluble Nitrogen and Ammonia are in form of high-grade Salts of Ammonia and Nitrogen. The Potash is in form of high-grade Salts of Potash.

Directions for Use.—On heavy or average good land, particularly when stable manure is used broadcast, use 200 to 400 pounds per acre, scattering well in and over hills and drills; on light lands, use broadcast 600 pounds per acre; on very light and plain lands, use broadcast 800 pounds per acre.

The best plan for securing good growth throughout the entire season and raising a large yield, is to broadcast the fertilizer evenly over the whole field after plowing, harrowing in. A portion of the fertilizer, say 200 to 400 pounds per acre, can be used in the hills, scattering well a small handful to each hill. Application at any hoeing or disturbance of the soil has always worked well.

Price, per 100 lb. bag, \$4.00 200 lb. bag, \$7.50 Per ton, 200 lb. bag, \$68.00

THE MAPES GENERAL CROP. 1916 Brand

Guaranteed Analysis. Minimum Percentages

Nitrogen, 1.65%; equivalent to Ammonia, 2%; total Phosphoric Acid, 10%; available Phosphoric Acid, 8%

A soluble Phosphate with Ammonia. The fertilizer furnishes not only abundant quantities of Phosphoric Acid, but also Ammonia, and can be used with or without farm manure, in the drill or broadcast, on all crops.

The Phosphoric Acid and Organic Nitrogen are derived exclusively from animal bone, animal and organic matter. No Rock or Acid Phosphates used. The soluble Nitrogen and Ammonia are in form of high-grade Salts of Ammonia and Nitrogen.

Directions for Use.—Use 200 to 600 pounds per acre, either in drill or broadcast.

Price, 100 lb. bag, \$3.00 200 lb. bag, \$5.50 Per ton, 200 lb. bag, \$50.00

Delivered Prices Quoted on Carload Lots.



A Crop of Potatoes Grown on Our Fertilizers at Hingham, Mass.

BACK UP BRECK'S SEEDS WITH BRADLEY'S FERTILIZERS

GOOD SEED ought to be backed up with good fertilizer. It is using good farm sense to do a good job with plow and harrow and then get the full benefit of it by planting selected seed and complete available fertilizers. **BRADLEY'S** have been

For Over 50 Years the Standard

PRICES FOR BRADLEY'S FERTILIZER

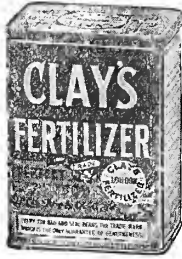
Shipment Spring 1919

| | Ammo. | Av. Phos. | Potash | Per Ton 200 lb. Bags | Per 200 lb. Bag | Per 100 lb. Bag |
|--|-------|-----------|--------|-------------------------|--------------------|--------------------|
| Bradley's Maine Potato Special . . . | 5 | 10 | .. | \$76.00 | \$ 8.00 | \$4.25 |
| Bradley's Special Eclipse Phosphate . | 1 | 8 | 1 | 44.00 | 5.00 | 2.75 |
| Bradley's Corn Phosphate | 2 | 10 | 1 | 55.00 | 6.00 | 3.25 |
| Bradley's XL Superphosphate of Lime | 3 | 9 | 1 | 63.00 | 6.50 | 3.50 |
| Bradley's Complete Manure for Potatoes and Vegetables | 4 | 9 | 1 | 72.00 | 7.50 | 4.00 |
| Northland Potato Grower | 4 | 8 | 4 | 92.00 | 10.00 | 5.25 |
| Bradley's 3 Star Special | 3 | 8 | 3 | 77.00 | 8.00 | 4.25 |

Prices Net. Delivery **F.O.B. Cars**, Boston. Prices subject to change without notice and our stock unsold.

Clay's Fertilizer

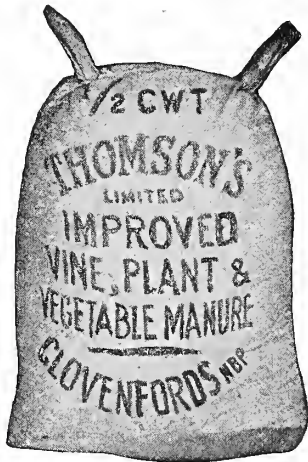
(Prices on English Fertilizers subject to change)



A safe and reliable preparation. In great favor with successful gardeners in England. Prices:

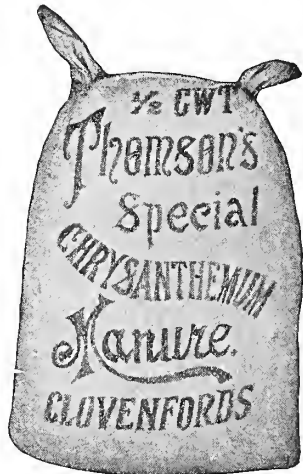
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|------------------------------|---------------------------------|
| 2 lb. cans | } Prices quoted on application. |
| 1/8 cwt. (14 lbs.) | |
| 1/4 cwt. (28 lbs.) | |
| 1/2 cwt. (56 lbs.) | |
| 1 cwt. (112 lbs.) | |

Thomson's Vine, Plant and Vegetable Manure



A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. Prices: 1/8 cwt. (14 lbs.) \$2.25; 1/4 cwt. (28 lbs.) \$4.00; 1/2 cwt. (56 lbs.) \$7.00; 1 cwt. (112 lbs.) \$12.00.

Thomson's Special Chrysanthemum Manure



Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaping dessert-spoon full will be sufficient for a 10-inch pot, sprinkled over the surface of the soil, and watered in with tepid water. This may be given three times during the growing season. Price, 14 lbs. \$2.50; 28 lbs. \$4.50; 56 lbs. \$7.50.

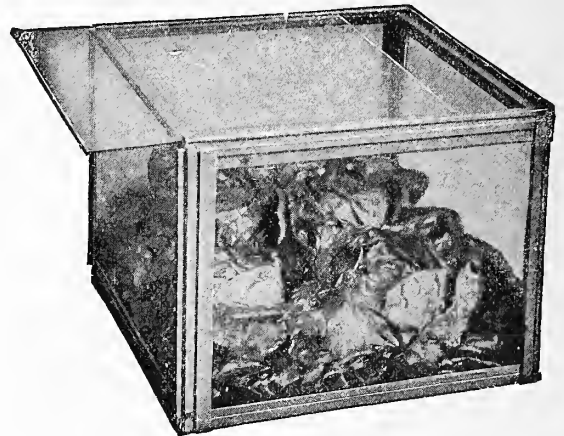
Bowker's Ammoniated Food for Flowers

A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color and healthy, luxuriant plants free from vermin. Price, small pkg. 20 cts.; large pkg. 30 cts.

Cocoanut Fibre

A chemically prepared cocoanut fibre, rich in plant food. Its peculiar character especially adapts it to induce root growth and cause healthy vigorous plants. For potting bulbs use one-third fibre to two-thirds of the usual soil preparation and you will be surprised at the results. Cocoanut Fibre is unsurpassed as a medium in which to sprout seeds. Price, 5 lbs. 35 cts.; 15 lbs. 60 cts.; 25 lbs. 85 cts.; 50 lbs. \$1.60; 100 lbs. \$3.00, net.

The Barrie Forcing Frame



The Barrie Forcing Frame

Under these frames corn, cabbage, cauliflower, lettuce, cucumbers, tomatoes, melons, egg plant, etc., as well as all tender flowers, can be started and grown in the open ground and brought to maturity much earlier than usual.

The frames placed over rhubarb or other permanent plants, either vegetables or flowers, greatly hasten their maturity in the spring.

Lettuce, etc., can be grown under or protected by the frames through the late fall.

Excellent for the starting of tender flower and vegetable seeds for transplanting into the open ground.

The frames also protect their contents from the ravages of the cut worm.

Placed over bulbs in the spring time, in the small garden, blooms of greater perfection may be had much earlier than usual.

The frames are constructed of Galvanized Iron unpainted, and can be instantly set up or taken apart without the use of tools.

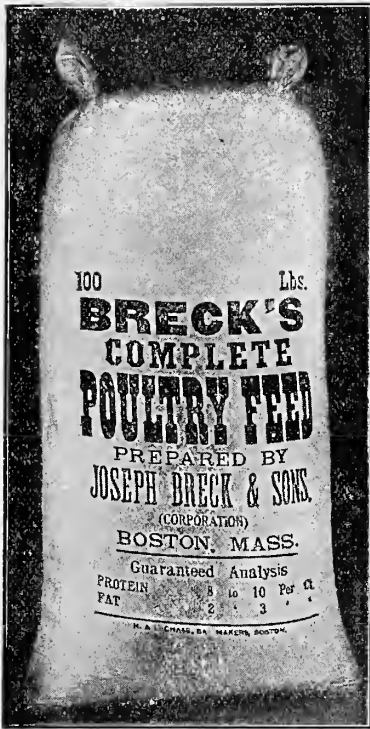
Any light of glass can be easily replaced, in case of breakage, without taking apart the frame, and the top glass slides open for ventilation.

The metal frame weighs two pounds without the glass and is absolutely strong and rigid. The glass consists of four panes 10 x 12 inches, and one pane 12 x 13 inches, standard sizes, easily obtainable anywhere.

To assemble, fit the corners of the top and bottom squares into the slits in the ends of the posts. Pass the stay rods, bent end up, through the holes in the squares, inside the posts. Attach nuts and tighten slightly. Slip in the glass and the frame is complete.

Carefully packed, knocked down, in heavy corrugated cartons, each containing six frames and glass complete.

Price, \$1.75 each; \$20.00 a dozen.



**BRECK'S
POULTRY
SUPPLIES**

**POULTRY
REMEDIES
STOCK FEED**

**Boston Agents
BLATCHFORD'S
CALF MEAL
ALWAYS IN STOCK**



All Prices Subject to Change Without Notice.

Breck's Hygienic Brand Chick Food

A scientifically proportioned mixture which will meet every demand of the growing chick, and supply without excess of fat, the food necessary to produce and sustain vigorous health. There is nothing in this preparation that is at all likely to induce indigestion or diarrhoea, but on the contrary, it is so balanced in its constituents as to in a large measure make these troubles impossible where cleanliness and proper brooding conditions exist. It also contains the bone-forming properties that prevent leg weakness. It is high in protein, the flesh and muscle-forming elements. There is sufficient mineral material to supply the needs of the bone structure of the rapidly growing chicks, while it is low in carbohydrate, the fat-forming element, which, where in excess, causes sickness and loss.

No other feed is necessary for the first eight or ten weeks. Feed dry. 50 lb. bags, \$2.25. 100 lb. bag, \$4.00.

Breck's Complete Poultry Feed

We have frequently been asked by many of our patrons to put up in a convenient form a complete Poultry Feed. In response to the above requests, after a great many experiments, we offer in *Breck's Complete Poultry Feed* what we believe is the best food for poultry that is on the market today.

Great care has been exercised in the selection and balancing of the materials of which it is composed. It is being used in large quantities by many of the most successful Poultry Raisers in New England, and is without doubt the best Food of the kind sold at the present time. *Feed dry.* 50 lb. bags, \$2.25; 100 lb. bags, \$4.00.

Breck's Mash Egg Food

Is a properly balanced meat and cereal preparation, and is one of the best egg-producing foods we know of for poultry that do not have large runs; it is just what is wanted to keep them in good vigorous condition. Can be fed wet or dry. Price, 100 lb. bags, \$3.75.

Breck's Alfalfa Meal

Our brand of best pea green California Alfalfa, grown on irrigated land, rich in protein; one of the best green feeds during the winter for poultry.

DIRECTIONS FOR FEEDING: Pour on boiling hot water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Shipped in 100 lb. bags only, \$3.00 per c.

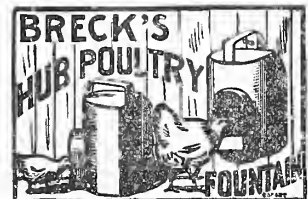
Breck's Banner Brand Cut Clover

Made from the best New York grown Red Clover, ground medium fine, all from Red Clover hay.

DIRECTIONS FOR FEEDING: Pour on boiling water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Per 50 lb. bag. Prices quoted on application.

Breck's Poultry and Swine Meal. A concentrated powder, a palatable animal meal for poultry and swine. Full directions for feeding with each package. Price per 100 lbs., \$4.00; 50 lbs., \$2.25; 25 lbs. (month's supply for 30 hens), \$1.50.

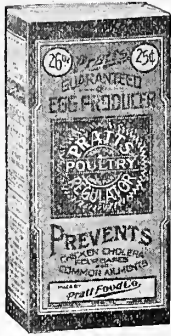
Breck's Hub Poultry Fountain. This fountain is made of the best galvanized iron, is very strong, easily cleaned, quickly filled, and is equally serviceable for both chickens and adult fowls. Half gal., 65 cents each; 1 gal., 85 cents each; 2 gals., \$1.15 each. Special prices per dozen or 100 upon application.



Blatchford's Calf Meal. The perfect milk substitute. Will raise and veal calves at one-third to one-quarter the expense of feeding milk. Used and endorsed by Experiment Stations and farmers all over the world; has been on the market for 100 years. A valuable feed for pigs, colts, lambs and poultry. It is absolutely the only milk substitute that contains the elements necessary for bodily growth and correct preparations. Blatchford's Calf Meal is not a stock food; it contains no drugs, medicine or stimulants; it is purely and simply a baby food for young animals. A 100 lb. bag makes 100 gallons of rich, nutritious gruel, thoroughly cooked and prepared for digestion. Price per 100 lbs. \$6.00, 50 lbs. \$3.25, 25 lbs. \$1.75, f.o.b. Boston.

Pratt's Poultry Regulator

(Formerly called Pratt's Poultry Food)



This is the original Poultry Regulator, in use by the most successful poultry raisers everywhere. It is entirely different from Pratt's Animal Regulator. It is composed of valuable imported roots, herbs and barks so blended as to make a perfect regulator, tonic and stimulant, suited to the constitution of the poultry.

Pratt's Poultry Regulator overcomes the difficulties met by every poultryman by regulating the blood, bowels and digestive organs of all fowl. Thus it keeps the birds in robust health, produces good, rich blood, healthy fat, sturdy muscles, strong bones, red combs and wattles, brilliant feathers and fertile eggs. It stands unrivalled as an egg producer, and when regularly used, the hens lay throughout the year.

Pratt's Poultry Regulator costs but a few cents a week for a big flock, and it pays its costs many times over in the results it produces. Results are immediate and permanent. **Trial pkg. 10 cts., 26-oz. pkg. 30c., 4-lb. pkg. 60c., 12-lb pails \$1.50, 25-lb. pails \$3.00, 50-lb. bag \$5.00, 100-lb. bag \$10.00.**

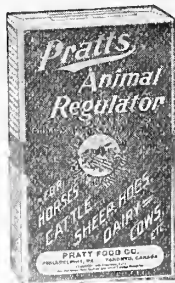
Pratt's Baby Chick Food

This is one of the greatest money savers and greatest chick savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese, should try at least one package of Pratt's Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want real success with your hatches, if you want to save all the baby chicks, if you want to grow them fast, get Pratt's Baby Chick Food on our recommendation for your first trial; after that you will never be without it. **3-lb. pkg. 30c; 6½-lb. pkg. 60c.; 25-lb. pail \$2.50. Pratt's Poultry Book mailed on request.**



Pratt's Roup Cure is a scientific preparation compounded into a fine powder, and when mixed with water, is absorbed by the blood at once, purifying the system, allaying inflammation, and reducing the fever. It not only cures but prevents roup, colds, canker, catarrh and diphtheria, and should be given to all fowls frequently to keep diseases away. **Extra large boxes 50 cts. and \$1.00, small size 25 cts.**

Pratt's White Diarrhoea Remedy. This remedy will positively save many dollars worth of little chicks to poultry raisers. It has taken us nearly three years to find a remedy for White Diarrhoea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. **Small pkg, 25 cts., extra large pkg. 50 cts. Postpaid.**



Pratt's Roup Pills. Quick, safe, sure; for roup, canker, and diphtheria. **1 1-2-oz. pkg. 25 cts., 3 1-2-oz. pkg. 50 cts. Postpaid.**

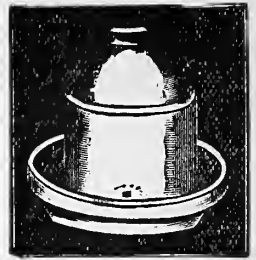
Pratt's Animal Regulator. The original stock regulator of America. Keeps horses well, improves their wind and makes their coats glossy. Cows give more and richer milk, butter fat being increased, and calves are strong and healthy. Steers fatten in half the time; hogs and sheep fatten quickly, free from disease. **In 30 cts., 60 cts. and \$1.00 pkgs. 25 lbs. \$3.75.**

Pratt's Poultry Disinfectant. Will protect your birds from nearly all the serious germ diseases. It gets rid of lice and mites, prevents roup, cholera, gapes, scaly leg and a host of other trouble makers.

Wonderfully effective in ridding cattle, horses, hogs, sheep and dogs of parasites and disease bacteria. **1 qt. 50c; ½ gal., 90c; 1 gal. \$1.50.**

Sanitary Poultry Fountains.

Made of glazed stoneware, in two pieces, a saucer and an inverted cup, finished off on top to prevent roosting. Strong, cheap, easily cleaned and quickly filled. The best stoneware fountain yet offered. The one-quart size is especially suitable for pigeons. **1 qt. 38 cts., 2 qts. 48 cts., 1 gal. 68 cts., 2 gals. \$1.05. Net. Packing charges free.**



Ground Oyster Shells. 100-lb. bag \$1.25; 500-lb. lots, \$1.20 per 100 lbs.

Mica Crystal Grit. 50-lb. bag 75 cts., 100 lbs. \$1.25.

Bone Meal for Poultry and Cattle. 50-lb. bag, \$2.00, 100-lb. bag \$3.50.

Cracked Poultry Bone. Coarse cracked bone for fowl grown fowl. \$3.50 per 100 lbs.

Poultry Charcoal

This Charcoal is especially prepared for poultry. It is carefully and uniformly graded in just the right sizes, is free from ammonia or other dangerous poisons, contains no useless dust or dirt and is the best charcoal sold for poultry. It is manufactured in four grades: X (Fine Powdered) for mash foods and ducks; XX (Fine Granulated) for brooder chicks and dry chick food mixtures; XXX (Medium Granulated) for half-grown fowls and pigeons; XXXX (Coarse Granulated) for full-grown fowls, geese and turkeys. **Per lb. 10 cts., 5 lbs. 30 cts., bag of 50 lbs. \$2.00.**

Spratt's Food. The celebrated English preparation; nothing equals it for young chicks. **50-lb. bag \$3.75, 100 lbs. \$7.00.**

Barley (Feeding). \$2.25 per bushel. *Net.*

Buckwheat (Feeding). \$2.50 per bushel. *Net.*

Peas Small white Canada, \$5.00 per bushel. *Net.*

Sunflower. Large Russian, 15 cts. per lb.

Millet. Good feeding quality, 8 cts. per lb. *Net.*

Kaffir Corn, or White Sorghum. 100-lb. bag \$4.50. *Net.*

Wheat. \$7.00 per 100 lbs. *Net.*

Ground Beef Scraps. Always freshly ground from the best kettle rendered cake scrap. **50-lb. bag \$2.75, 100-lb. bag \$5.00, ton \$98.00.**

Fish Scraps. Dry, fine ground, 100-lb. bags; \$5.00 per 100 lb. bag.

Darling's Meat Crisps. Made from meat trimmings taken from the markets of Chicago and cooked the same night. After being cooked in a most careful and thorough manner the feed is pressed in tremendous presses to take out every possible bit of grease and moisture. Guaranteed to contain 75 per cent protein. A concentrated feed for laying hens. **Small package 40 cts., large package 80 cts., 25-lb. pails, \$3.00 each. Net.**

Death to Lice. **5 oz. box, 10 cts., if by mail 15 cts.; 15 oz. box 25 cts., if by mail 40 cts.; 3 lb. pkg. 50 cts., by mail \$1.00; 100 oz. pkg. \$1.00.**

Liquid Lice Killer, Acme Brand. It is applied with an ordinary sprayer. It is of such strength that the gas given off by it destroys the pests; is perfectly safe to handle and is not injurious to fowls, animals or operator when used as directed. **Price, 1 qt. cans 35 cts., 2 qt. 60 cts., 4 qt. \$1.00.**

COW'S RELIEF

Is guaranteed to cure Caked Bag caused by garget, injury, overfeeding or calving; sore or injured Teats, Spider in the Teat, Stricture, Hard Milkers, Cow Pox and is especially valuable for heifers with the first calf, to remove the soreness and swelling that is too frequently a cause of kickers and hard milkers. Your money back if it does not satisfy you. **Small pkg. 75 cts., large \$1.50.**

Garget Remedy. This remedy has stood test of twenty years and is a complete success. It will not injure the butter or lessen flow of milk. **Per can 55 cts.**

Nest Eggs, China. Per doz., 25 cts. \$2.50 gross.

Breck's Water Glass. Silicate soda, for the preservation of fresh eggs. Of the various methods devised for preserving fresh eggs only two have proved successful, viz.: Cold Storage with temperature at 34° or the Water Glass Method, the latter being the only practical one for family use. Water Glass is recommended by the U. S. Dept. of Agriculture as being the best preservative having no chemical action whatever. It simply seals the pores of the shell, keeping the contents of the egg in same condition as when put into the solution. If directions are followed, fresh eggs will keep perfectly for a year or longer. Full directions on every can. Price per gallon \$1.00. Price subject to change.

Kow-Kure. It is a medicine for cows only.. It prevents abortion, cures barrenness, removes retained afterbirth, prevents tuberculosis, stops scours, cures milk fever, caked udder, swelling in the bag, bloating, red water, increases the flow of milk, cures cows "off their feed," improves the quality of the milk. Large size, \$1.20; small size, 60 cts.

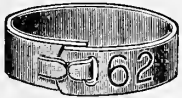
Sulpho-Naphthol. This preparation, originated by the late Doctor Cabot, is recommended for a great many purposes. It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects, and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. Trial size 10 cts. 25c. bottle makes 5 gals.; 50c. bottle makes 10 gals.; \$1.00 bottle, 50 gals. solution; 1 gal. can, \$3.00.



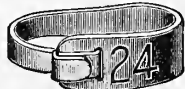
Spiral Celluloid Leg Bands. Best and cheapest to use. Last a lifetime. Put on and take off easily. Slip on just like a key ring. Will not come off. Birds cannot lose or remove them.

Colors: Black, Blue, Green, Pink, Red, White, Yellow. Per doz., 15 cts.; per 100, 75 cts. Special price on large quantity.

Leg Bands, Aluminum, for Poultry. Double Clinch. No. 1 for Bantams, No. 2 for Mediterraneans, No. 3 for American females; No. 4 for American males, Asiatic females, small turkeys; No. 5 for Asiatic males and turkeys. We number them to order. Per doz., 15 cts.; per 100, 65 cts. Postpaid. Numbering, extra 10 cts. per 100.



Double Clinch, Aluminum



Leader Adjustable

Leader Adjustable Leg Bands. Latest and best adjustable leg band out. Has neat, compact and smooth fastening with no catching points; easily attached and are absolutely secure. Made in two sizes: No. 1 for Bantams or Mediterraneans, No. 2 for Americans. Per doz., 15 cts.; per 100, 65 cts. Postpaid. Numbering, extra 10 cts. per 100.

Nests, Wire. Strong and clean. Each, 20 cts.; doz., \$2.00.

Guns, Insect Powder. 2-oz. size, 15 cts. each.

Carbonol. Combines all the good properties of Carbolic Acid and yet has none of its bad features. Such a substitute has long been sought. Carbonol is a preparation of coal tar product adapted to a wide range of uses. It is a disinfectant, antiseptic and insecticide. Follow directions that accompany each package. 4-oz. bottles, 25 cts.; pints, 50 cts.; quarts, 75 cts.; gallon cans, \$1.75.



Creonoid. Lice destroyer and cow spray. Creonoid is prepared especially for this purpose. An up-to-date anti-septic preparation made from coal tar. Creonoid stands for animal comfort. Follow directions on can carefully. Stock tormented with flies cannot make flesh or milk. Keeping the flies off may mean the difference between profit and loss. Cows sprayed with Creonoid just before milking are quiet and give better yields of milk, because the flies are kept away. Try it, and see the results for yourself. Prices: \$1.25 per gal. 5 or 10 gal. cans, \$1.00 gal.; 1/2 barrels, 85 cts. gal.; barrels, 75 cts. gal., f. o. b. Boston.

Milkol. An antiseptic, a disinfectant, cleanser, a curative agent. Keeps your live-stock clean and healthy, cleanses and purifies their quarters. Absolutely safe to use, non-poisonous and non-corrosive. One gallon makes from 60 to 256 gallons. Directions on every can. 1/2 gal. can, 85 cts.; 1 gal. can, \$1.50; 5 gal. can, \$1.25 per gal.



Clark Heaters. The use of Clark Heaters and coal is steadily on the increase. Write for special catalogue giving all sizes. Popular sizes are:—

- | | | |
|-------------|--|--------|
| No. 5 B. | Light and handy. 12 inches long. Weight 4 lbs. Covered with carpet | \$1.50 |
| No. 7 D. | 14 inches long. Weight 9 lbs. Flat slanting top. Covered with carpet | 2.25 |
| Clark Coal, | 1 doz. bricks in box, weight 7 1/2 lbs. | .75 |
| | Case of 100 bricks | 6.00 |

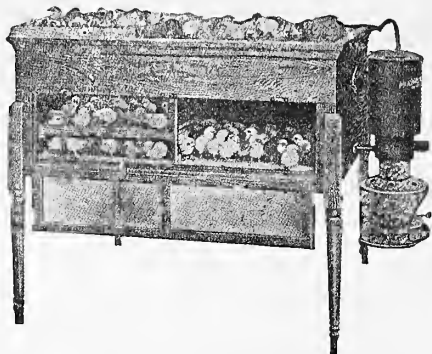


DISINFECTING
GERM-KILLING WHITE PAINT

The Disinfectant that paints. Use it instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

The necessity of absolute cleanliness and complete sanitation in barns, pens and stables where poultry and livestock are kept, if they are to thrive and produce as profitably as they should, has been pointed out by the Department of Agriculture, by Experiment Stations and by farm and poultry papers too often to be repeated here. Failure to keep their living quarters clean and sanitary is the surest means of introducing into flocks and herds the lice and other vermin that sap their vitality, and so reduce their production, as well as the contagious diseases that prove so costly if they once gain a foothold. Carbola can be applied to wood, brick, stone, cement or sand finished walls; to plaster board, tar paper or over whitewash or old oil paint that is hard and firm, but not glossy. It will not blister, flake or peel off, no matter how many coats are put on, and as the mineral pigment used has a greater fire resistance than asbestos it is apparent that several coatings of Carbola will act as an efficient fire retardant.

Trial package 25c. Delivered by parcel post for 35c. (Paints and disinfectants 250 sq. ft.). 10 lbs. (10 gals.) for \$1.00, 50 lbs. (50 gals.) for \$4.00, 300 lb. bbl. \$21.00. All F. O. E. Boston.



Prairie State Incubators

To those who desire to rear as well as to hatch chicks and ducks, the selection of an incubator is of vital importance. The high death rate experienced with chicks the first ten days is more frequently due to imperfect incubation than to any other cause. Too many incubators of today are constructed with reference solely to hatching the desired numbers without considering the manner in which they are brought into existence.

Weak, anæmic chicks, lacking in strength and vitality, are of no value, if you hatch thousands; hence the importance of carefully considering the merits of an incubator in this direction before making a selection.

The Prairie State Sand Tray Incubators have proven themselves by thousands of tests, both in the hands of the novice, as well as in comparative results obtained by the large poultry plants using different makes of incubators.

| | | | |
|--------|--------------------|-------|---------|
| No. 0. | 100 Eggs | ..... | \$27.00 |
| No. 1. | 150 Eggs | ..... | 35.00 |
| No. 2. | 240 Eggs | ..... | 50.00 |
| No. 3. | 390 Eggs | ..... | 65.00 |
| No. 0. | Keystone. 60 Eggs | ..... | 15.00 |
| No. 1. | Keystone, 100 Eggs | ..... | 18.50 |

For the above incubators with Underwriters' Insurable Heaters add to prices given: Prairie State, Nos. 0 and 1, \$4.00 each net; Nos. 2 and 3, \$5.00 each net; Keystone, Nos. 0 and 1, \$2.50 each net.

Southboro, Mass.

Prairie State Incubator Co., Homer City, Pa.:

Dear Sir:—Yours received and noted. Am pleased to state that our experience with the Prairie State Incubator, that I purchased of you and used this season, is such that I can thoroughly recommend it. I have used the _____ machines for 10 or 12 years and thought they were doing pretty good work but they do not bring out the chicks so uniformly good as the "Prairie State" has.

When they commence to hatch, they come out like Popcorn and clean up in a few hours; no dragging along a day or two.

W. R. GRAVES,

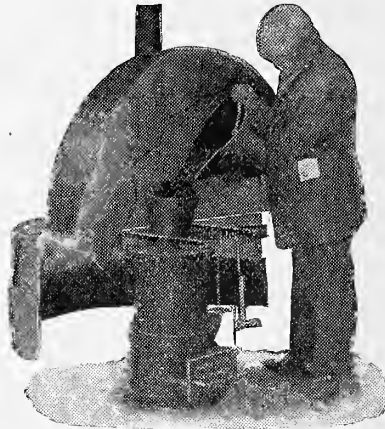
Ex-Pres. American Poultry Ass'n.

Prairie State Stove Brooder

The Prairie State Stove Brooder is of solid cast iron construction and will, therefore, last indefinitely. Its fire bowl is of ample capacity, which will positively carry a fire overnight and last an extra margin of from five to eight hours. No sheet iron enters into the construction of the stove. There is no coal magazine, consequently no bridging of ashes or coal, no belching of smoke into the brooder room. The chicks are comfortably warm over their backs by the deflection of heat over the canopy, which is the only correct way in brooding. The canopy is hinged and easily lifted, giving ready access to the stove and regulator and reduces to the lowest terms the labor involved in charging the fire box. The canopy is of flat construction, permitting deflection of heat and, at the same time, preventing rapid radiation above the top. The regulator is at once automatic, sensitive and simple,

giving triple control with one motion of the lever and assuring positive action at all times. The lower door is not a part of the regulating system and needs never be opened except for the removal of ashes. The Prairie State Brooder is not a makeshift, hastily placed upon the market to meet competition, but is an equipment of splendid design, characteristic of Prairie State methods and has been brought out only after most careful thought and experimenting on the part of our Company.

| | | |
|-----------------------------------|-------|---------|
| Sr. Prairie State Stove Brooder | ..... | \$40.00 |
| Jr. Prairie State Stove Brooder | ..... | 25.00 |
| No. 0 Prairie State Stove Brooder | ..... | 18.00 |



Holliston, Mass., June 26th, 1914.

Joseph Breck & Sons, Boston, Mass.:

Dear Sirs:—We have your inquiry of June 24th regarding the Prairie State Stove Brooders we have installed. The first installation of one brooder decided us to put in twenty, and after operating the twenty, we put in another twenty. We have now forty brooders in operation on our Holliston, Mass., plant, and about twenty more at our other branches. We brood 500 chicks to a brooder, making a total of about 30,000 chicks now being brooded under your brooders.

We do not think further comment is necessary.

PITTSFIELD POULTRY FARMS CO.,

Per Howard Gilmore.

Pairie State Brooders and Hovers

The Prairie State Brooders and Hovers are made in the most thorough manner. The No. 1 Brooder is, in fact, a colony house, as the hover can be removed and attached to another house. The No. 2 and No. 3 are constructed on the same general plans as the No. 1, only they are smaller in size.

The Universal Hover has stood the test of a number of years and has proved to be one of the most successful of brooders. It is easy to attach to any colony house or box. The lamp box is placed on the outside of the colony house, thus making it very easy for the attendant to look after the lamp.

The Portable Hover is just what its name indicates, a hover that can be moved from one house to another at any time. This hover is constructed entirely of galvanized sheet steel. No wood or other inflammable materials are used. It is insulated thoroughly with asbestos and mineral wool. Every inch of the inside of this house is available for brooding purposes and is uniformly heated throughout, there being no hot or cold spots.

PRICES

| | | |
|---|-------|---------|
| Universal Hover, complete with Lamp Case | ..... | \$10.00 |
| Hover, less Lamp Case | ..... | 9.00 |
| No. 1. Col. Brooder | ..... | 30.00 |
| No. 2. Col. Brooder | ..... | 27.50 |
| No. 3. Col. Brooder | ..... | 22.00 |
| Regulator for Col. Brooders and Hovers | ..... | 1.00 |
| Portable Hovers, complete with Lamp, Thermometer and Regulator | | 18.00 |
| Jr. Portable Hover, complete with Lamp, Thermometer and Regulator | | 11.00 |

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ALL BOOKS DELIVERED FREE AT PRICES QUOTED

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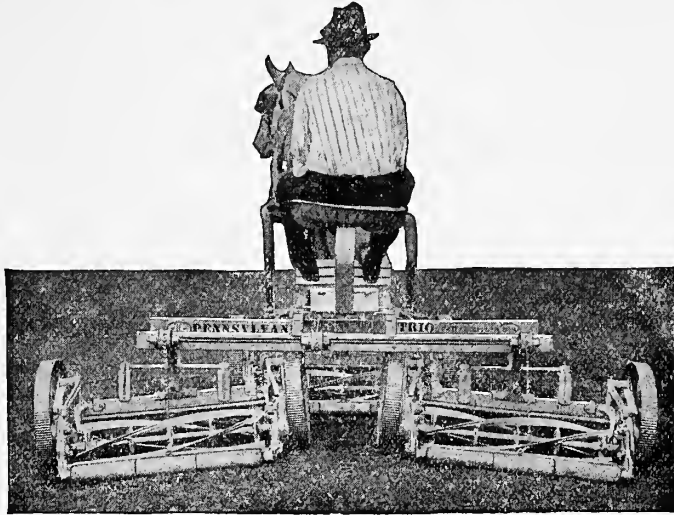
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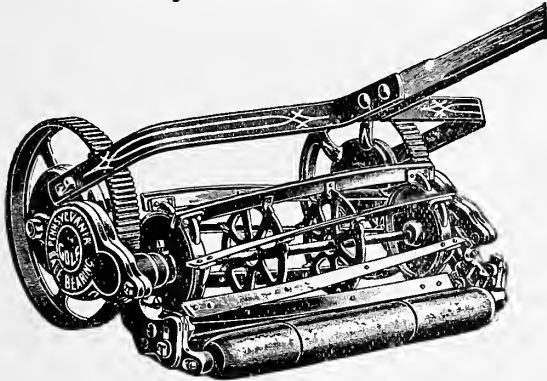
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Pennsylvania "Trio" Mower



The latest and best of the horse drawn mowers for golf courses and large estates. Width of swath, 86 inches. Descriptive circulars and price on application.

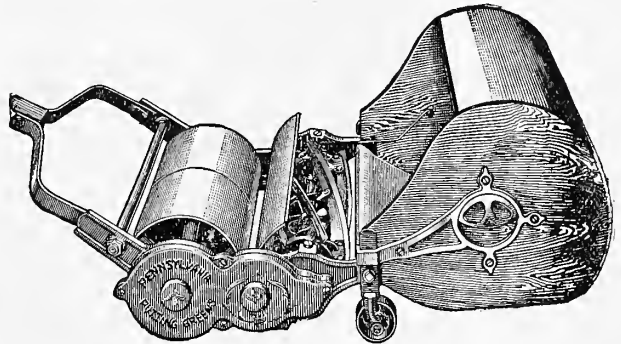
Pennsylvania Golf Mower



6 blades, 8-inch wheel, ball bearing.

| | |
|---------|------------------------|
| 16-inch | Our net price, \$32.00 |
| 18 " | " " 36.00 |

Pennsylvania Putting Green Mower

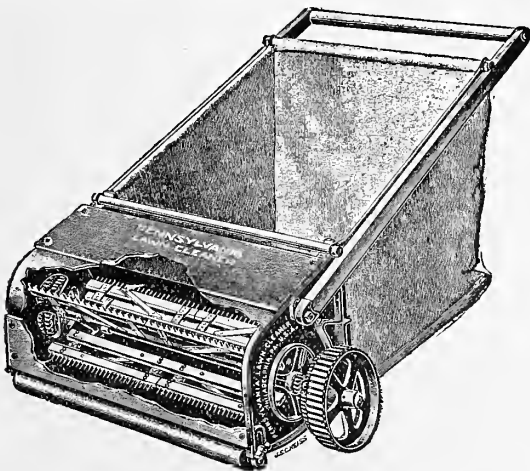


6 blades, 7-in. rollers.

Grass Box Additional

| | |
|---------|------------------------|
| 12-inch | Our net price, \$24.00 |
| 16 " | " " 32.00 |

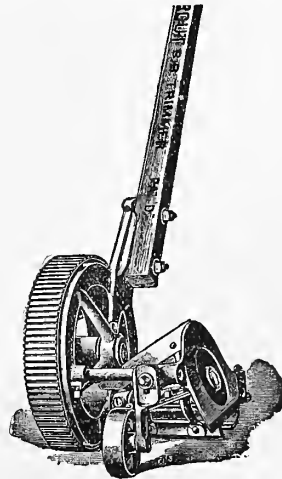
Pennsylvania Lawn Cleaner and Rake



Removes cut grass, litter, leaves, etc.

| | |
|---------|------------------------|
| 24-inch | Our net price, \$20.00 |
|---------|------------------------|

Pennsylvania Undercut Lawn Trimmer



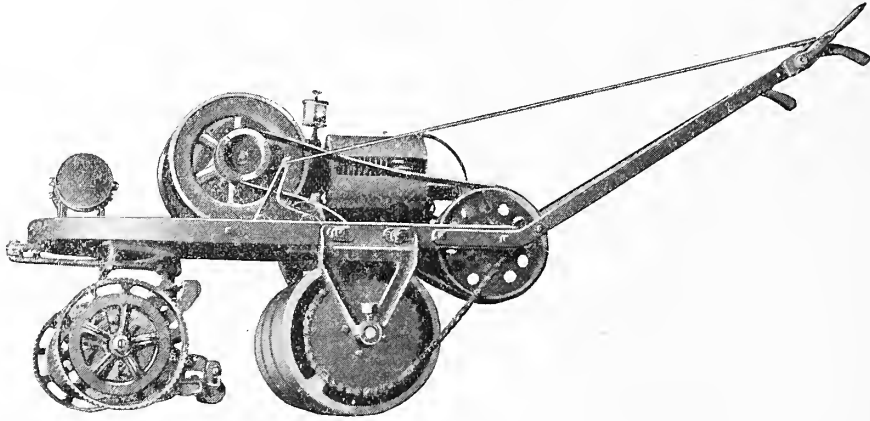
4 knives, ball bearing.

| | |
|------------|------------------------|
| 5-inch cut | Our net price, \$12.00 |
|------------|------------------------|

MOTOR LAWN MOWERS

The Motor Mowers shown on this page have stood the tests of Durability, Efficiency and Ease of Operation. As "Labor Savers" they will do the work of six to eight men using hand mowers, or two to three horse-drawn mowers. Cost of operation (gasoline and oil) is very light. We have no hesitancy in recommending them for either small or large places as stated.

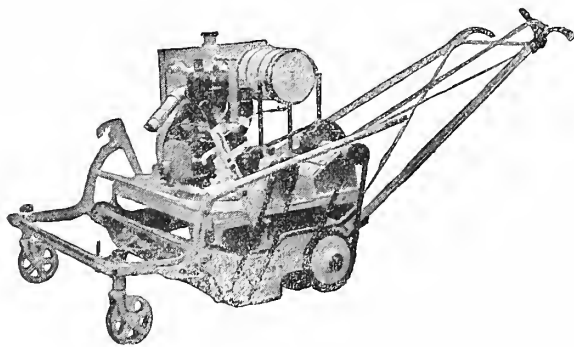
Ideal Tractor Lawn Mower



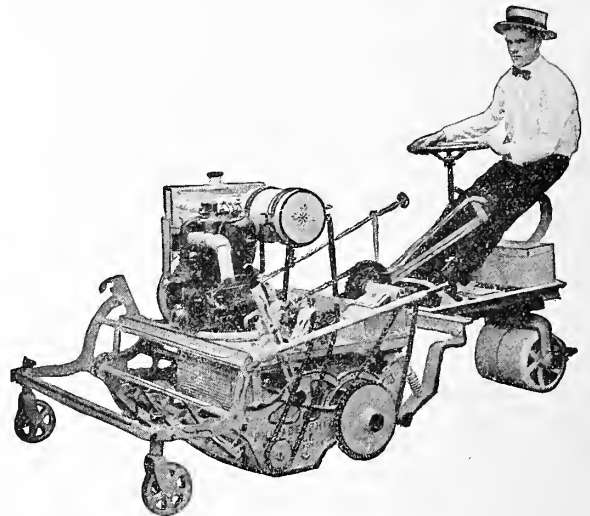
For Private Estates, Institutions, Small Parks, etc., the "Ideal" is all that its name implies. Simple, Powerful, Efficient and Durable, anyone can operate it successfully. Can be used as a Lawn Roller only, by removing cutting unit and substituting castor wheel. Width of cut, 30 inches. Speed per hour, 2¼ miles. Actual weight, 550 lbs. Will cut ¼ acre per hour.

Descriptive Circulars, Testimonials and Price upon Application.

GENUINE "PHILADELPHIA" MOTOR MOWERS



Walking type "Eagle" Motor Mower—30 inch



Riding type "Eagle" Motor Mower—40 inch

These mowers are intended for the heaviest kinds of work on Golf Courses, Public Parks, Cemeteries and all large areas where a mower must be in constant use. Operates under all conditions, both good and bad. The makers guarantee them against all imperfections in materials and workmanship with a full knowledge that they are as perfect as modern ingenuity and highest grade materials can make them.

The 30-inch Walking machine weighs 900 lbs. Travels from 2½ to 3¼ miles per hour. At normal speed (3 miles) it will cut ¼ acre per hour and consume about 4 gallons gasoline in an eight-hour day's work.

The 40-inch Riding machine weighs approximately 1,300 lbs. Travels from 2¾ to 3½ miles per hour. At normal speed (3¼ miles) it will cut 1¼ acres per hour, consuming 8 gallons gasoline in an eight-hour day's work.

Descriptive Circulars, Testimonials and Prices on Application.

McLERAN SAFETY BULL LEAD



ALL METAL—CANNOT BREAK OR OPEN ACCIDENTLY—LOCKS SHUT
—LOCKS OPEN—RING OPERATES HOOK—SEND FOR CIRCULAR

Our net price, each (6 lbs.) \$5.50

DAZEY CHURNS

The Dazey cannot be compared with any other churn, because there is such an immense difference. It is not an imitation; it is an entirely new departure in churn making. It is better. Any churn will agitate and make butter, but the Dazey is the only one that produces butter in its natural condition.

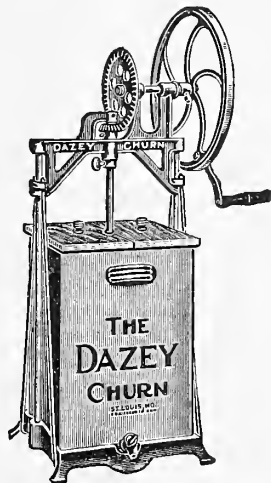
Descriptive circulars mailed on application.



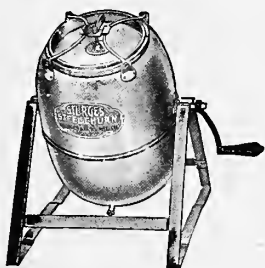
| Dazey Glass Churns | | Nos. 10 20 30 40 | | | |
|------------------------------------|--|------------------|--------|--------|--------|
| Capacity, pints | | 3 | 5 | 7 | 9 |
| Churning capacity, pints | | 2 | 3 | 4 | 5 |
| Weight, each | | 3 | 5 | 6 | 7 |
| Price, each | | \$1.25 | \$1.75 | \$2.25 | \$2.75 |

Dazey Metal Churns

| Dazey Metal Churns | | Nos. 100 200 300 400 600 1000 1600 2800 | | | | | | | |
|--------------------------------------|--|---|--------|--------|--------|--------|---------|---------|---------|
| Capacity, gals. | | 1 | 2 | 3 | 4 | 6 | 10 | 16 | 28 |
| Churning capacity, gals. ½ | | 1 | 2 | 3 | 4 | 7 | 12 | 13 | |
| Weight, each, crated . 10 | | 13 | 17 | 25 | 37 | 55 | 100 | 200 | |
| Price, each | | \$3.30 | \$3.60 | \$4.20 | \$5.70 | \$7.20 | \$12.00 | \$19.20 | \$42.00 |



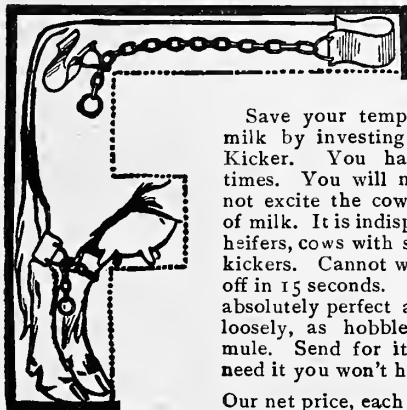
Sturges Steel Churns



All steel—not a piece of wood about it; handsomely finished with enamel paint. Inside is heavily tinned; cork-lined cover; malleable iron trunnions. Steel welded frame, without bolts or rivets.

| | | |
|--------|-----------------------------|-------------------------|
| No. 1. | 5 gals. (18 lbs.) | Net price, each, \$9.00 |
| No. 2. | 7 " (20 ") | " " 11.25 |
| No. 3. | 10 " (24 ") | " " 12.75 |

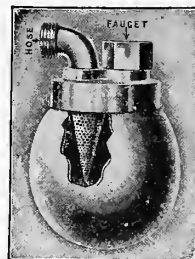
The Anti Cow-Kicker



Save your temper, your cows, your milk by investing \$1.00 for an Anti-Kicker. You have needed it many times. You will need it again. Does not excite the cow nor disturb the flow of milk. It is indispensable for breaking heifers, cows with sore teats, or vicious kickers. Cannot wear out. Put on or off in 15 seconds. Guaranteed to be an absolutely perfect anti-kicker, or put on loosely, as hobble for cow, horse or mule. Send for it to-day; when you need it you won't have time.

Our net price, each (2 lbs.) . . . \$1.40

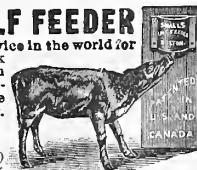
Barrie Soap Sprayer



For spraying any of the numerous insecticides combining a soap base, such as whale oil soap, sulpho-tobacco soap, fish oil and potash soap, fish oil and tobacco soap, ivory soap, etc. Our net price, each (8 lbs.) \$6.00

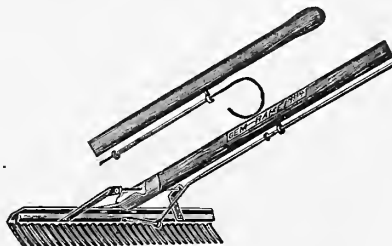
SMALL'S CALF FEEDER

is the only mechanical device in the world for PROPERLY feeding milk to calves. It enables them to suck just as nature intended they should. Write for descriptive circular.



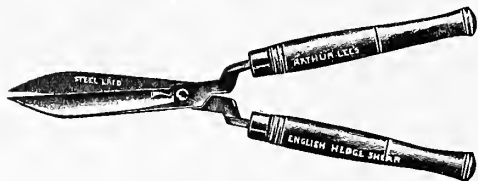
Weight 5 lbs.
Net Price . . . \$4.00
Extra Nipples25

Gem Dandelion Rake



The Gem Rake is self cleaning. Can be used for leaves. For Dandelions it has no equal.
16 in. Net price \$2.00
24 in. " " 2.50

Grass, Hedge and Border Shears



| No. | | | Net price, pair |
|------|---------------------|------------|-----------------|
| 100 | 7½ in. Grass | (4 lbs.) | \$1.85 |
| 100 | 8 in. Grass | (4 lbs.) | 1.85 |
| 100 | 9 in. Grass | (5 lbs.) | 2.25 |
| 100 | 10 in. Grass | (5 lbs.) | 2.60 |
| 101 | 8 in. Hedge | (4 lbs.) | 2.15 |
| 101 | 9 in. Hedge | (5 lbs.) | 2.40 |
| 101 | 10 in. Hedge | (5 lbs.) | 2.75 |
| 107 | Ladies' | (3 lbs.) | 2.00 |
| 104 | 9 in. L. H. Border | | 3.25 |
| 104 | 10 in. L. H. Border | | 3.50 |
| 105 | 9 in. L. H. Border | with wheel | 4.00 |
| 105 | 10 in. L. H. Border | with wheel | 4.25 |
| 106 | 9 in. Lawn | with wheel | 3.50 |
| 106½ | 9 in. L. H. Border | 2 wheels | 4.25 |

English Lawn Scythe



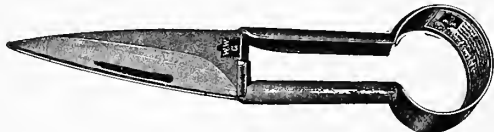
Waldron's, 34 to 36 inches (4 lbs.) Our net price, ea. \$2.75

Grass Hooks



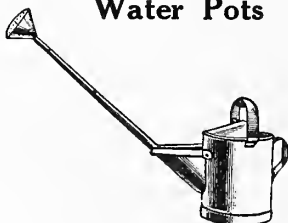
| | | |
|------------------------------------|------|--------|
| Clark's English, No. 2 (2 lbs.) | each | \$0.50 |
| Clark's English, No. 3 (2 lbs.) | " | .60 |
| Staniforth English, No. 3 (2 lbs.) | " | .80 |
| Breck's Pride (2 lbs.) | " | .50 |
| No. 70 (2 lbs.) | " | .50 |
| Village Blacksmith (2 lbs.) | " | .75 |
| Nolin Concave (2 lbs.) | " | .75 |

Grass Shears



| | | |
|--------------------------|------|--------|
| No. 0267 6-inch (2 lbs.) | each | \$0.85 |
| No. 0267 7-inch (2 lbs.) | " | 1.00 |

Water Pots



Galvanized Detachable Rose

| | | | | | |
|----------------|--------|-----------------|--------|-----------------|--------|
| 4-qt. (4 lbs.) | \$1.10 | 8-qt. (5 lbs.) | \$1.35 | 12-qt. (7 lbs.) | \$1.75 |
| 6-qt. (4 lbs.) | 1.20 | 10-qt. (6 lbs.) | 1.60 | 16-qt. (8 lbs.) | 2.35 |

Wotherspoon Galvanized Long Spout

| Regular Pattern | | | | | |
|-----------------|--------|-----------------|--------|------------------|--------|
| 4-qt. (4 lbs.) | \$2.80 | 8-qt. (5 lbs.) | \$4.50 | 12-qt. (8 lbs.) | \$5.50 |
| 6-qt. (4 lbs.) | 4.10 | 10-qt. (6 lbs.) | 5.00 | 16-qt. (10 lbs.) | 6.00 |
| French Pattern | | | | | |
| 4-qt. (5 lbs.) | \$4.50 | 8-qt. (7 lbs.) | \$5.00 | 12-qt. (10 lbs.) | \$6.20 |
| 6-qt. (6 lbs.) | 4.70 | 10-qt. (8 lbs.) | 5.50 | | |

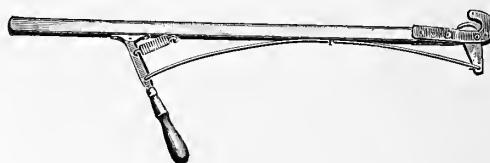
Tree Scrapers



Blades fastened by square-head machine bolts; hardwood handles.

| | Our net price |
|----------------------------------|---------------|
| No. 10, blade ¼ x 5 in. (2 lbs.) | each \$1.25 |
| No. 20, blade ⅜ x 5 in. (2 lbs.) | " .60 |

Tree Pruner with Springs



| | | | | | |
|--------|-----------|--------|--------|-----------|--------|
| 6-ft. | Net price | \$1.30 | 12-ft. | Net price | \$1.70 |
| 8-ft. | " | 1.50 | 14-ft. | " | 2.00 |
| 10-ft. | " | 1.60 | 16-ft. | " | 2.10 |

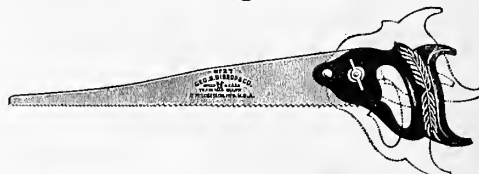
Extra knives, postpaid, 25 cents each.

Telephone Tree Pruner



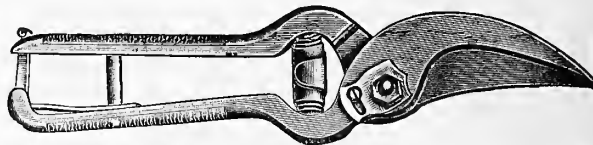
| | | |
|------------------------------|------|--------|
| Our net price (3 lbs.) | each | \$1.25 |
| Extra knives, postpaid, each | | .25 |
| Extra spring, postpaid, each | | .20 |

Pruning Saws



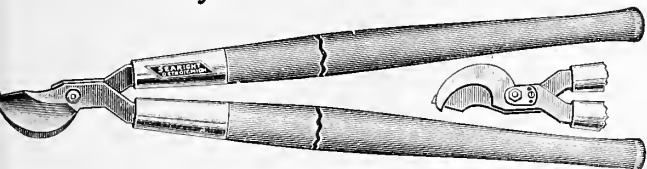
| | | |
|---|------|--------|
| Bishop (Coarse and Fine), 18 in. (2 lbs.) | each | \$1.75 |
| Illustrated, best pruning saw made | | |
| Single Edge, 18 inches (2 lbs.) | " | 1.20 |
| Single Edge, 20 inches (2 lbs.) | " | 1.40 |
| Double Edge, 18 inches (2 lbs.) | " | 1.50 |
| Double Edge, 20 inches (2 lbs.) | " | 1.60 |
| Adjustable Pole Saw (2 lbs.) | " | 1.50 |
| Forest No. 10 Pole Saw (3 lbs.) | " | 2.25 |
| Pruning Saw and Hook (2 lbs.) | " | 3.00 |

Pruning Shears



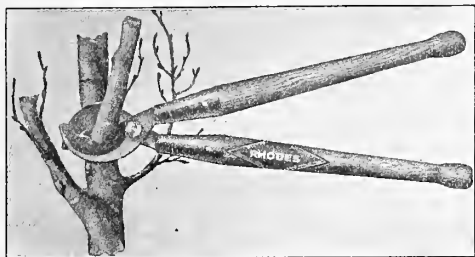
| | | |
|-------------------------------|------|--------|
| French, 7-in. (2 lbs.) | each | \$2.25 |
| French, 8-in. (2 lbs.) | " | 2.50 |
| French, 9-in. (2 lbs.) | " | 2.75 |
| French, 10-in. (2 lbs.) | " | 3.25 |
| Taylor Pattern, No. 1 (1 lb.) | " | .75 |
| Taylor Pattern, No. 2 (1 lb.) | " | .65 |
| No. 9 (2 lbs.) | " | .90 |
| No. 12 (2 lbs.) | " | .90 |

"Clyde" Draw Cut Pruners



| No. | | Our net price |
|------|-------------------------------|---------------|
| 5408 | 20-inch handles (6 lbs.)..... | each \$2.35 |
| 5406 | 24-inch handles (5 lbs.)..... | " 2.60 |
| 5406 | 41-inch handles (5 lbs.)..... | " 1.20 |
| 5400 | 24-inch handles (4 lbs.)..... | " 3.10 |
| 5401 | 22-inch handles (4 lbs.)..... | " 2.60 |
| 5408 | 26-inch handles (6 lbs.)..... | " 2.60 |

Rhodes Double Cut Pruners



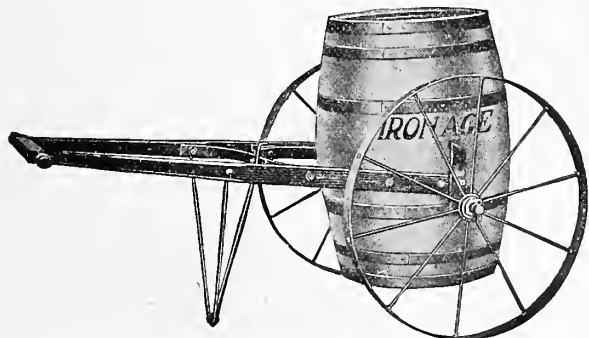
| | Our net price |
|---|---------------|
| 26, 30 or 36-inch pruners (6 lbs.)..... | each \$3.50 |
| 42-inch Bush pruners (8 lbs.)..... | " 4.50 |

Dandy Pruners



Made on honor from start to finish. Finest pruner made.
Net price per pair, \$2.00.

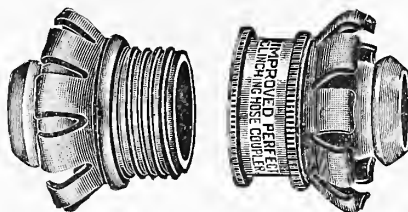
Water Barrel Trucks



A most convenient arrangement on the golf links, farm or lawn. For a well made, durable article, we consider the price very reasonable.

| | Our net price, each |
|---|---------------------|
| Water barrel truck only, 1½ in. tires, wood wheels. | \$15.85 |
| Water barrel truck only, 2½ in. tires, wood wheels. | 16.85 |
| Barrels fitted | 6.25 |
| Boxes fitted | 6.50 |
| Leaf racks fitted..... | 13.50 |

Clinching Hose Mender and Coupling



Self fastening. Slip it in the hose and hammer down—that's all.

| | Our net price |
|--|----------------|
| Perfect Clinching Couplings, ¼ or ½-in. (5 oz.) | Per set \$0.35 |
| Perfect Clinching Hose Menders, ¼ or ½-in. (2 oz.) | Each .15 |

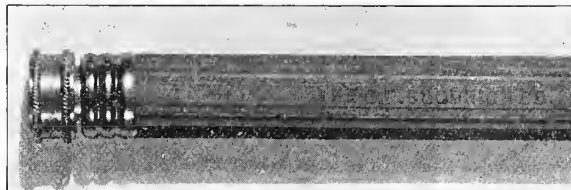
Cooper Hose Mender



The most practical and effective hose mender. No matter how bad your hose is, it can be made serviceable by this simple device. As it is made in brass only, it is indestructible.

| | Our net price |
|---------------------|---------------|
| ½-inch (2 oz.)..... | each \$0.10 |
| ¾-inch (3 oz.)..... | " .10 |
| 1-inch (6 oz.)..... | " .15 |

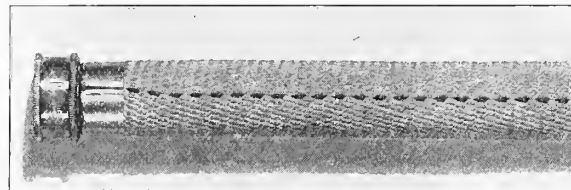
Garden and Lawn Hose



Rubber Hose

Prices include couplings.
Weights are given for 50 feet lengths.

| | Net price per ft. |
|--|-------------------|
| Goodrich Ribbed, ¾-inch (18 lbs.)..... | \$0.30 |
| Goodrich Ribbed, ½-inch (12 lbs.)..... | .25 |
| White Cover Braided Hose. Finest Quality | |
| North Star, ¾-inch (18 lbs.)..... | .26 |
| North Star, ½-inch (12 lbs.)..... | .22 |
| Dekagon Cover Braided Hose | |
| Whirlpool, ¾-inch, 5 ply (18 lbs.)..... | .23 |
| Whirlpool, ½-inch, 5 ply (12 lbs.)..... | .26 |
| Smooth Cover Wrapped Hose | |
| Freshet, ¾-inch, 5 ply (18 lbs.)..... | .21 |
| Freshet, ½-inch, 5 ply (12 lbs.)..... | .19 |
| Smooth Cover Wrapped Hose | |



Cotton Hose

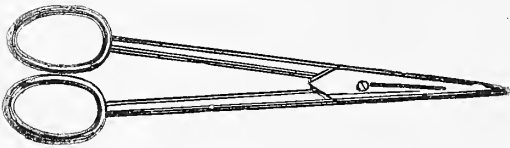
| | Net price per ft. |
|--|-------------------|
| Solar Cotton, ¾-inch (12 lbs.)..... | \$0.21 |
| Solar Cotton, ½-inch (10 lbs.)..... | .18 |
| Goodrich ribbed Hose is furnished in 50-ft. pieces or any length wanted. In less than 50-ft. pieces, couplings will be additional. | |

Pruning and Budding Knives



- No. 190 Buck handle, large Pruning.....\$1.50
- No. 312 Buck handle, peach Pruning..... 1.25
- No. 187 BC Buck handle, medium Pruning..... 1.35
- Combination Budding and Pruning Knife.
2 blades. Finest quality.
- Breck's No. 21711.....\$1.25
- By mail, add 5 cents each.

Vine Scissors



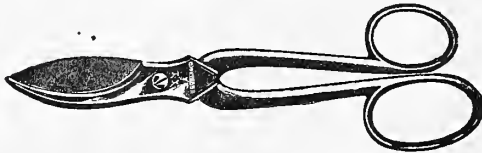
- Imported. 8-inch.....\$2.50
- By mail, add 5 cents per pair.

Flower Gatherers



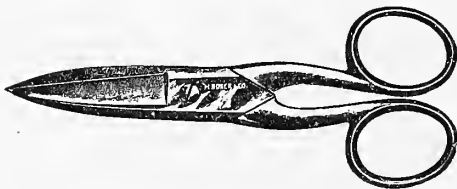
- Imported. Finest quality steel. 8-inch.....\$2.75
- By mail, add 5 cents per pair.

Pruning Scissors



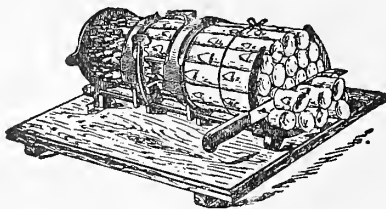
- No. 6514. 7-inch. Our net price, per pair.....\$1.25
- By mail, add 5 cents per pair.

Florists' Scissors



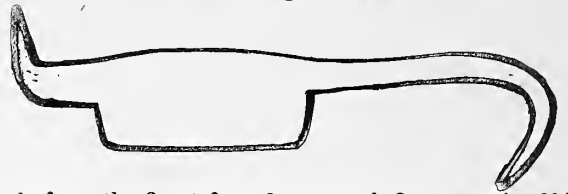
- No. 6327 5½-inch. Our net price, per pair.....\$1.00
- By mail, add 5 cents per pair.

Asparagus Buncher



- Latest Improved. Makes bunches right size for New England use.
- Our net price (7 lbs.).....each \$3.00

Grafting Chisel



- Made from the finest forged cast steel. Our net price \$0.75
- By mail, add 5 cents each.

Breck's Weeder



- Used by Cranberry Growers, and for all kinds of weeding. Especially adapted to Flower Beds, Vegetable Gardens, Shrubbery, etc. Forged from the best steel; practically indestructible; 4-prong, 2 x 2½, 18-in. handle, solid steel.
- Our net price (2 lbs.).....each \$0.85

Asparagus Knife



- Birch handle, 15½ inches. Drop forged blade.
- Our net price (1 lb.).....each \$0.60

Garden Line Reels



- Malleable iron japanned.
- Our net price (4 lbs.).....each \$2.50

Braided Garden Lines



- 50 ft. Our net price (1 lb.).....\$0.60
- 100 " " (1 lb.)..... 1.20

English Trowels



- 7 in. welded shank (1 lb.).....Our net price \$0.70

American Trowels

- 6 to 8 in. or ladies' trowels (1 lb.).....Our net price \$0.20

Garden Forks, Dibbles and Weeders

- Transplanting fork, English (1 lb.).....each \$1.00
- Transplanting fork, American (1 lb.)..... " .75
- Dibble (1 lb.)..... " .50
- Noyes' hand weeder (4 oz.)..... " .25
- Excelsior hand weeder (1 lb.)..... " .15
- Forged steel hand weeder (1 lb.)..... " 1.00
- Haseltine's hand weeder (4 oz.)..... " .35
- Lang's hand weeder (4 oz.)..... " .25

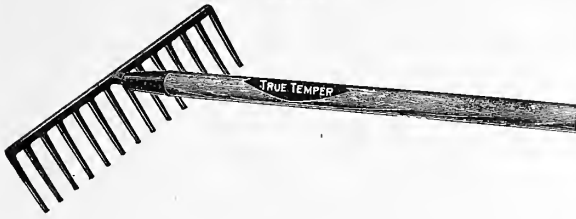
Cleveland Lawn Weeder



- No more broken backs. This little device gets at the root of the evil and removes it bodily.
- (3 lbs.)each \$1.00

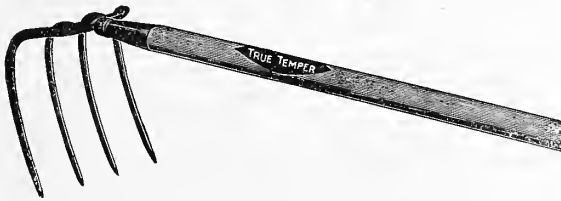
FARMING TOOLS

Rakes



| | | |
|-----------------------|---------------|--------|
| | Our net price | |
| 10 Teeth Garden | each | \$0.80 |
| 12 Teeth Garden | " | .90 |
| 14 Teeth Garden | " | .95 |
| 16 Teeth Garden | " | 1.05 |
| 18 Teeth Garden | " | 1.15 |
| 12 Teeth Gravel | " | 1.05 |
| 14 Teeth Gravel | " | 1.15 |
| 16 Teeth Gravel | " | 1.25 |
| 18 Teeth Gravel | " | 1.35 |

Manure Hooks



| | | |
|---------------|------|--------|
| 4 Prong | each | \$1.20 |
| 5 Prong | " | 1.30 |
| 6 Prong | " | 1.40 |

Potato Hooks

| | | |
|---------------|------|--------|
| 4 Prong | each | \$0.95 |
| 5 Prong | " | 1.20 |
| 6 Prong | " | 1.35 |

Stable Hoes



| | | |
|---------------|------|--------|
| 10 inch | each | \$0.95 |
|---------------|------|--------|

Shovels and Spades



Long or D handles same price.

| | | |
|----------------------------------|------|--------|
| "Columbia" (7 lbs.) | each | \$2.15 |
| "Our Leader" (7 lbs.) | " | 2.00 |
| "Hub Solid Steel" (6 lbs.) | " | 1.50 |
| "O. Ames" (8 lbs.) | " | 2.10 |

Nursery Spades

O. Ames Best Make. Blade 12½ x 7½ x 5½ tapered; strapped 8 in. higher than the ordinary spade.
Net price (8 lbs.).....\$3.30

Manure Forks



Our net price

| | | |
|--------------------------------|------|--------|
| 4 Tine D handle (7 lbs.) | each | \$1.40 |
| 5 Tine D handle (7 lbs.) | " | 1.65 |
| 6 Tine D handle (7 lbs.) | " | 1.90 |

Nursery Mattock

Made from the finest tool steel.

Net price, including 36 in. handle (6 lbs.).....\$1.50

Spading Forks



| | | |
|--------------------------------------|------|--------|
| 4 Tine Light D handle (6 lbs.) | each | \$1.75 |
| 4 Tine Heavy D handle (6 lbs.) | " | 1.85 |
| 4 Tine Flat D handle (6 lbs.) | " | 1.60 |

Hoes



| | | |
|---|------|--------|
| Field, 6 to 8 in. socket, extra quality | each | \$1.00 |
| Field, 6 to 8 in. shank, extra quality | " | .85 |

Post Spoons



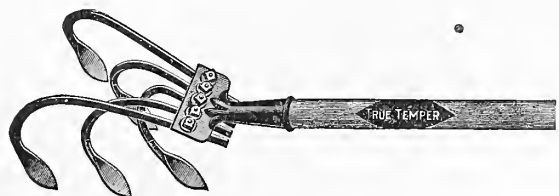
| | | |
|----------------------|------|--------|
| "O. Ames" 7 ft. | each | \$2.50 |
| "O. Ames" 8 ft. | " | 2.60 |

Scuffle Hoes



| | | | |
|-------------------------|--------|----------------------|--------|
| 6 in., hdd. American.. | \$0.90 | 6 in., hdd. Dutch.. | \$1.00 |
| 7 in., hdd. American.. | .95 | 7 in., hdd. Dutch.. | 1.05 |
| 8 in., hdd. American.. | 1.00 | 8 in., hdd. Dutch.. | 1.10 |
| 9 in., hdd. American.. | 1.05 | 9 in., hdd. Dutch.. | 1.15 |
| 10 in., hdd. American.. | 1.10 | 10 in., hdd. Dutch.. | 1.30 |

Invincible Garden Cultivator



Our net price (5 lbs.).....each \$1.25



Iwan's Post Hole Auger

This is the only auger that has met with universal satisfaction under all conditions of soil. It is effective in operation, and unexcelled for easy and quick work; no suction when removed from the hole.

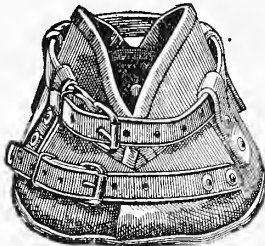
An operator can do three times as much work as with any other auger or digger now in use. The condition of the ground makes no difference. Whether wet or dry it simply gets there every time.

Total length of 12 and 14 inch sizes, 6 feet. All other sizes 4 feet.

| | | | | | |
|--------------------------|--------|--------|--------|--------|--------|
| Sizes inches | 3 | 4 | 5 | *6 | *7 |
| Our net price, each..... | \$2.35 | \$2.35 | \$2.35 | \$2.35 | \$2.50 |
| Sizes inches | *8 | *9 | *10 | 12 | 14 |
| Our net price, each..... | 2.50 | 2.65 | 3.00 | 8.00 | 10.00 |

Sizes marked * carried in stock.

Horse Lawn Boots



For Lawn or Golf work, Horse Boots are indispensable for use in connection with mower or roller. They prevent the horse sinking in damp or soft places and do not cut or tear up the turf. The following patterns are the ones in general use:

Our Net Prices

| | |
|--|---------|
| Breck's Links Lawn, per set of four (12 lbs.)..... | \$15.00 |
| Baker's, per set of four (12 lbs.)..... | 8.75 |

Please send diagram showing size of horse's hoof when ordering.

"Nox-All" Grass Catcher

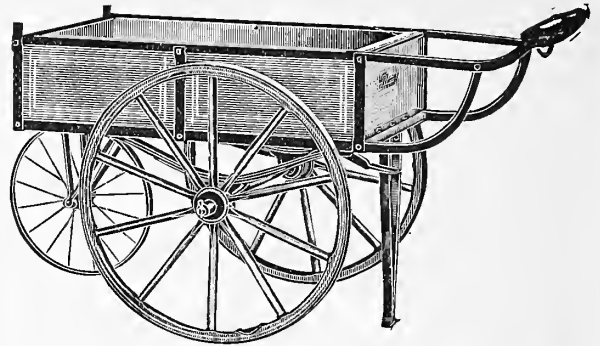


Collapsible frame of galvanized wire. Heavy galvanized iron bottom with slots making catchers adjustable to fit different sizes of mowers. Fitted with improved stationary handle, so attached that entire handle is within the catcher. Furnished in fine quality white duck only.

Our Net Prices

| | | |
|---------------|--|--------|
| No. 508 H. S. | 13 in. deep, 17 in. long, 19 in. wide. | |
| | Fits 12 to 16 in. mowers (4 lbs.) ea. | \$1.80 |
| No. 509 H. S. | 13 in. deep, 17 in. long, 23 in. wide. | |
| | Fits 16 to 20 in mowers (4 lbs.) ea. | 2.00 |

Pioneer Push Carts



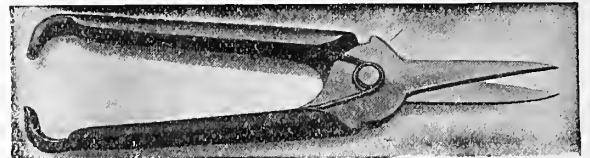
For printers, plumbers, small stores, painters and paper hangers, gardeners, grocers, street cleaners, etc., and for anyone who has small parcels to transfer from point to point, one of these carts is convenient and economic.

| | | | | |
|--------|----------|----------|--------------|-----------|
| | | | | Net price |
| No. 1 | 37 x 20 | x 8 in. | Steel Wheels | \$12.00 |
| No. 2 | 37 x 20 | x 8 in. | Steel Wheels | 14.00 |
| No. 3 | 40 x 24 | x 10 in. | Steel Wheels | 17.00 |
| No. 6½ | 40 x 24 | x 10 in. | Wood Wheels | 18.00 |
| No. 7 | 42 x 27 | x 10 in. | Steel Wheels | 23.00 |
| No. 15 | 51 x 25½ | x 12 in. | Steel Wheels | 29.00 |

Nos. 2 and 7 have steel front wheels.
No. 15 has two steel front wheels.

Descriptive catalog mailed on application.

Apple Trimming Shears



Best quality steel. Very useful in thinning out imperfect fruit. Every orchardist should have a pair in his kit.
No. 7436 Mfrs. price per doz. \$6.00
Our net price, per pair..... .50
By mail, add 5 cents per pair for postage.

Breck's Solid Brass Bull Leader



Open



Closed

Solid Brass Head. Handle cannot turn in hand. Strongest Bull Leader made.
Breck's Bull Leader (3 lbs.) Our net price....each \$3.00

Diamond Extension Ladder



The Diamond Extension Ladder is constructed in the most thorough manner and is light and very easily handled. Made of best selected timber, well ironed.

When ordering Extension Ladders add four feet for splice at regular price per foot.
Our net price, 20 to 30 feet.....per ft. \$0.42
Special prices on ladders over 30 feet long.

Lawn Sprinklers

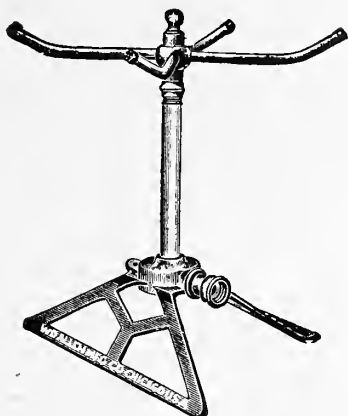
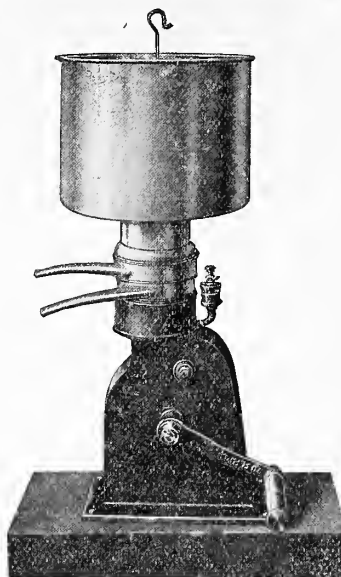


Fig. 46

Fig.

| | | |
|-----|---|------------|
| 43 | Pluvius, 3 arms, 11 in., ball bearing (4 lbs.) |\$2.00 |
| | Sunshine, exactly like Pluvius except that it stands on legs (3 lbs.) | 2.00 |
| | Putting Green, 2 arms, 48 in. high (17 lbs.) | 6.25 |
| | Aetna, 3 arms, 20 in. high (9 lbs.) | 2.25 |
| 46 | California, 4 arms, 12 in. high (5 lbs.) | 2.25 |
| 54 | C. B. G. (cheap but good) (2 lbs.) |60 |
| | Blake, No. 1, 3/4" hose pipe thread (1 lb.) |45 |
| | Blake, No. 2, 3/4" iron pipe thread (1 lb.) |45 |
| 52 | Garden City, 13 in. high (3 lbs.) | 1.25 |
| 237 | Australian, 3/8" iron pipe thread (3 oz.) |55 |
| 59 | Hartford, No. 6, 6 ft. high | 1.50 |
| | Hartford, No. 8, 8 ft. high | 1.70 |
| 61 | Jones Adjustable (9 lbs.) | 3.50 |
| | Rainfall (3 lbs.) | 2.00 |
| | Boston, No. 52X (10 lbs.) | 1.75 |
| 64 | Fountain (2 lbs.) | 1.25 |
| 62 | Fountain Ring, Baby (1 lb.) | 1.00 |
| 47 | Elgin Sprinkler (4 lbs.) | 1.00 |

"Favorite" Cream Separators

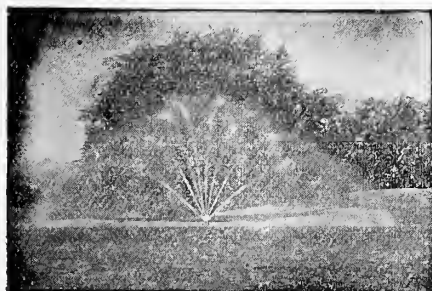


The "Favorite" Separators are made in Stockholm, Sweden, and are especially designed for the small milk producer and for family use. Thoroughly made from the finest material. Cleaning can be easily done in a moment's time. These separators have a regulator, making very even or sharp skimming. Only 70 R. P. M. are necessary, and at this speed skim evenly and with great ease, and can be regulated so that a percentage of cream (say 15%) may be obtained. Complete Instruction Manual sent with each separator.

Net price

No. 1 "Favorite," about 40 quarts per hour..... \$20.00
No. 2 "Favorite," about 60 quarts per hour..... 25.00

NEW LAWN TYPE SPRINKLERS



Peacock Sprinkler



Lawn Mist Sprinkler

TRADE
SKINNER
SYSTEM
OF IRRIGATION
MARK



Border Mist Sprinkler

Peacock Sprinkler

Can be used singly or several sections together. Spreads 25—30 feet on each side of the sprinkler.....Price \$15.75

Lawn Mist Sprinkler

For medium size lawns and gardens.....Price \$12.50

Border Mist Sprinkler

Will water in any direction desired.....Price \$12.50

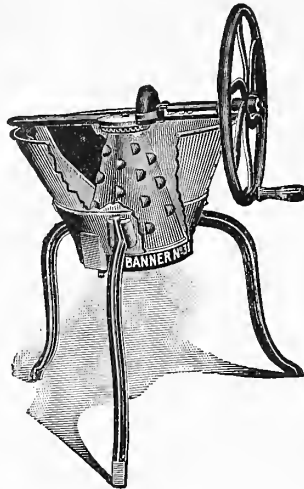
These Sprinklers have no moving parts—are practically indestructible, and cannot get out of order.

These Sprinklers are also made in "Junior" sizes at lower prices.

Detailed circular upon request.

Complete portable Skinner System Sprinkling Lines for small gardens, cut to measure. Prices on application.

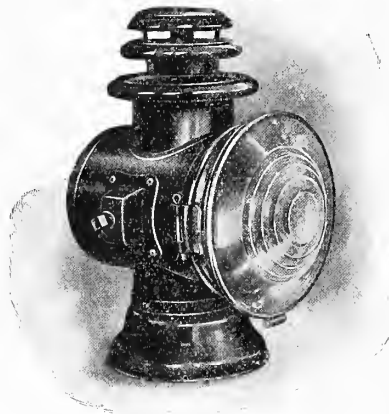
Banner Root Cutter No. 31



Made entirely of iron and steel. A positive feed—it must cut. The roots cannot get away from the knives. It has 19 gouge-shaped steel knives, fastened from the inside with two belts to a cast-iron cone-shaped drum. They project through the round openings in the drum about three-fourths of an inch, and every time the drum turns around once, the knives hit and cut the roots 19 times. The drum is driven by gear wheels with the power in favor of the operator, so it makes an easy running Root Cutter, with good capacity. The hopper is 24 inches in diameter at the top, 11 inches at the bottom, and 16 inches deep.

No. 31. For hand power Our net price, \$15.00
 No. 31. For engine power “ “ “ 17.00

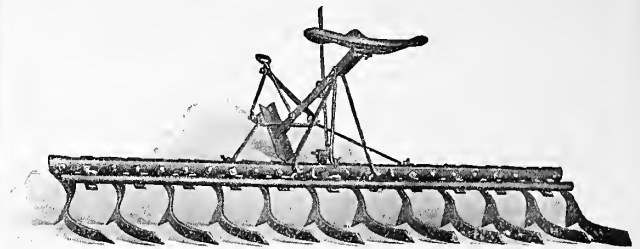
Dietz Lamps and Lanterns



The name “Dietz” has been a lantern guarantee for three generations.

| | | |
|---|------|--------|
| “Octo” Driving Lamp, plain (4 lbs.) | each | \$3.80 |
| “ “ “ optical (illustrated) (4 lbs.) | “ | 4.35 |
| Monarch No. 0 Lantern (3 lbs.) | “ | .85 |
| Blizzard No. 2 “ (4 lbs.) | “ | 1.35 |
| Pioneer Hanging Lamp No. 3 | “ | 7.25 |
| Pioneer Street Lamp No. 3 | “ | 7.00 |
| Wizard Lanterns, Short Globe (4 lbs.) | “ | 1.35 |
| Buckeye Dash Lamp (3 lbs.) | “ | 1.25 |

ACME Pulverizing Clod Crusher Harrow and Leveler



No. 17. 6½ Foot, Cut Rigid Frame, 2 Horse, Standard Type

A general purpose Harrow for the farm, the truck farm or the orchard. The man who owns an “Acme” is completely equipped for the preparation of perfect seed-beds after plowing regardless of the character of soil he has to work. Everything that a Harrow ought to do, the “Acme” does.

It cuts, crushes, turns, smoothes and levels, all in one operation. The shape of the coulters permits trash and sod turned under by the plow to remain beneath the surface, adding a valuable fertilizer to the soil. Other Harrows tear this up and permit it to waste on the surface.

It is made entirely of steel and iron, is practically indestructible, and such repairs as may be necessary after long use, as new coulters, may be had at a minimum cost.

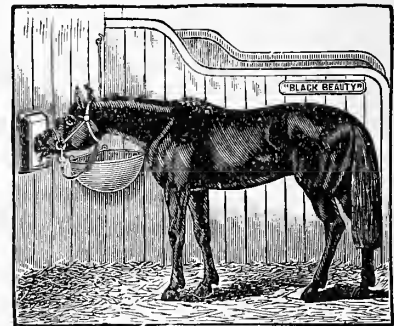
| Size | Width | Description | Standard | XL |
|------|-------------|-------------|----------|---------|
| G | 3 ft. 0 in. | 1 Horse | \$19.00 | \$19.65 |
| H | 4 “ 4 “ | 1 “ | 26.40 | 27.00 |
| 17 | 6 “ 6 “ | 2 “ | 32.00 | 33.65 |
| 23 | 6 “ 6 “ | 2 “ | 38.00 | 39.60 |
| 26 | 8 “ 6 “ | 2 “ | 44.00 | 45.55 |

Steel Lawn and Land Rollers

Our Steel Rollers are furnished in the following sizes, and will roll the exact widths given.

| | | Our net price |
|--|----------|---------------|
| No. 1, 2 Sect., 4 ft. 9 ins. wide with shafts, | 350 lbs. | \$35.00 |
| “ 14, 3 “ 6 ft. 0 ins. wide “ “ | 550 lbs. | 47.00 |
| “ 24, 3 “ 6 ft. 0 ins. wide “ “ | 500 lbs. | 47.00 |

Pure Salt Bricks and Feeders



Salt Cakes are made of the finest table salt, free from impurities. Hard as marble, lasting and economical. Horses and cattle are intelligent: they know when they require salt and how much. Let your animals use their instinct. Put the salt where they can get it.

| | | |
|---------------------------------------|------|--------|
| “Roto” Salt Bricks (5 lbs.) | each | \$0.25 |
| “ “ “ Feeders (7 lbs.) | “ | .50 |
| Square “ “ (5 lbs.) | “ | .25 |
| “ “ “ Feeders (6 lbs.) | “ | .50 |

Grow your own Vegetables

Cut down your living expenses. You'll be astonished how easy it is to save time, labor and money, and get bigger and better crops when you use

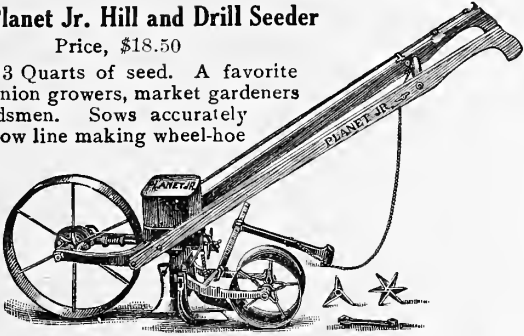
PLANET JR. FARM AND GARDEN TOOLS

Special 72 page Planet Jr. Catalogue Free. Send Postal

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$18.50

Holds 3 Quarts of seed. A favorite among onion growers, market gardeners and seedsmen. Sows accurately in a narrow line making wheel-hoe cultivation easy.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$19.50
No. 4 D (as a seeder only) \$15.50

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$23.00

A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe



No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

Price, complete, \$13.00
Packed weight, 30 lbs.

This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small

packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.



No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, \$16.00

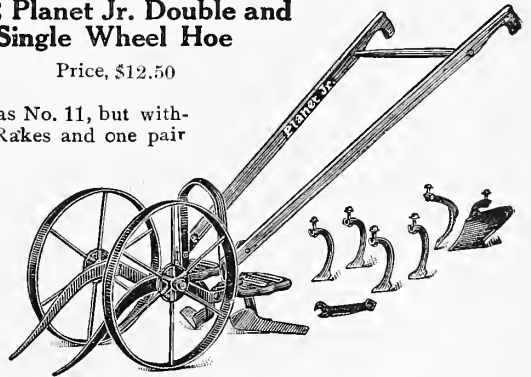
A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand cultivating tool in the world.



No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$12.50

Same as No. 11, but without the Rakes and one pair of Hoes.



No. 13 Double and Single Wheel Hoe

Price, \$9.00

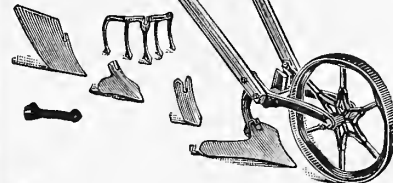
This tool is the No. 12, with 6-inch hoes only, these being the tools that are most used. Any of the attachments shown with No. 11 may be added at any time.



No. 33 Planet Jr. Single Wheel Hoe

(The No. 31 without Seeder). Price, \$6.50

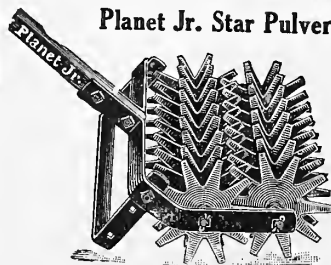
This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.



Planet Jr. Star Pulverizer, Leveler and Weeder

Price, \$6.50

This new tool is especially adapted for preparing the seed bed, and will be found of great value in smoothing and fining the soil surface. The rear blade is 13½ inches wide. After the crops are started, it may be used between rows as a weeder or as a crust breaker.



Planet Jr. Farm and Garden Tools

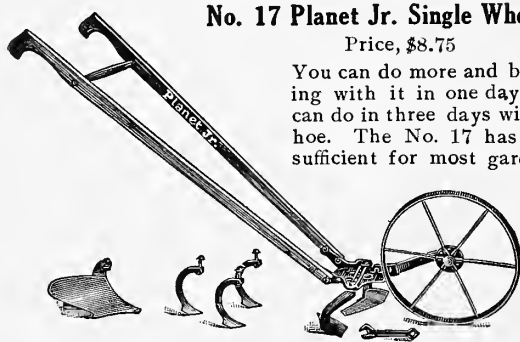
Old-time farming no longer pays—these scientific tools do the work of 3 to 6 men, give bigger yield, and save their cost in a single season. Invented and made by a practical farmer and manufacturer, with half a century's experience. Planet Jrs. are strong and lasting. Every tool fully guaranteed. Come and let us convince you of their economy.



No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Price, \$10.50

The highest type of Single Wheel Hoe made. Light but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.



No. 17 Planet Jr. Single Wheel Hoe

Price, \$8.75

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has an outfit sufficient for most garden work.

No. 17½ Planet Jr. Single Wheel Hoe

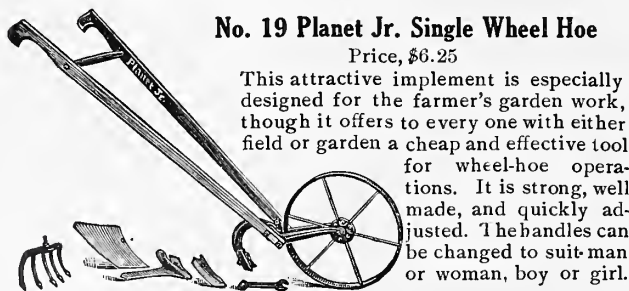
Price, \$7.60

This tool is identical with No. 16, except in equipment. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.

No. 18 Single Wheel Hoe

Price, \$6.25

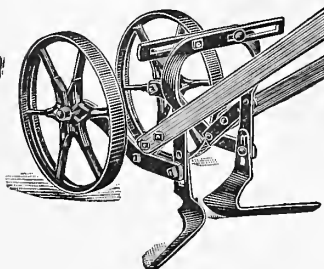
This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other attachments can be added as needed.



No. 19 Planet Jr. Single Wheel Hoe

Price, \$6.25

This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. It is strong, well made, and quickly adjusted. The handles can be changed to suit man or woman, boy or girl.



No. 60 Planet Jr. Double Wheel Onion Hoe

Price, \$7.50

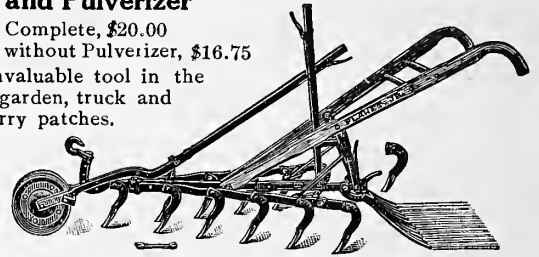
This new tool is a departure from all previous Wheel Hoes. It is adjustable for the complete culture of onions, or general hoeing. We offer a special Onion Harvester for this tool.

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer

Complete, \$20.00

No. 90B without Pulverizer, \$16.75

An invaluable tool in the market garden, truck and strawberry patches.

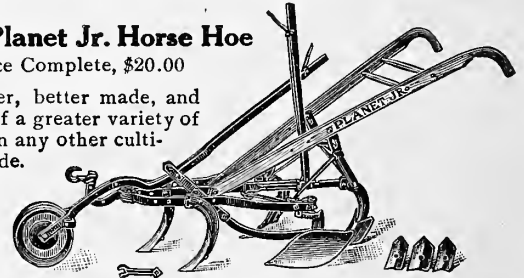


Has new steel wheel which prevents clogging. Its 12 chisel-shaped teeth cut out all weeds, stir and mellow the soil and leave the ground in the finest condition without throwing dirt on plants.

No. 8 Planet Jr. Horse Hoe

Price Complete, \$20.00

Stronger, better made, and capable of a greater variety of work than any other cultivator made.

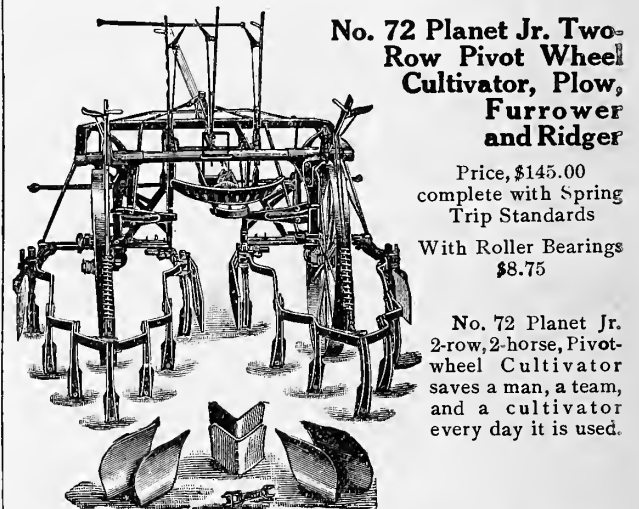


Non-clogging steel wheel. Depth regulator and extra long frame make it run steady.

No. 9 Planet Jr. Combined Horse Hoe and Cultivator

Price, with Steel Wheel, \$17.25

Is identical with No. 8, except that it has no depth regulator, and has a plain wheel instead of a lever wheel.



No. 72 Planet Jr. Two-Row Pivot Wheel Cultivator, Plow, Furrower and Ridger

Price, \$145.00 complete with Spring Trip Standards

With Roller Bearings \$8.75

No. 72 Planet Jr. 2-row, 2-horse, Pivot-wheel Cultivator saves a man, a team, and a cultivator every day it is used.

Cultivates 2 rows of corn, potatoes, beans, etc., at one passage, even if rows are crooked or irregular width. In check rows and listed corn it also beats any other tool. Can be equipped with spring-trip standards, discs, sweeps, hoe steels, and furrowing shovels. Specially hardened cultivating steels add 50 per cent to wear.

SPRAY PUMPS



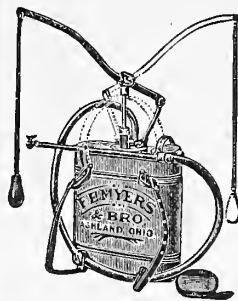
No. 327 1/2



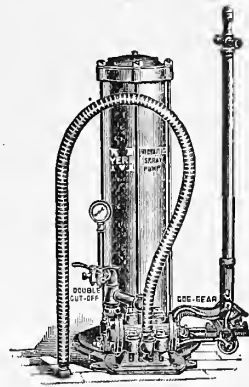
No. 324



No. 329



No. 331



No. R335A

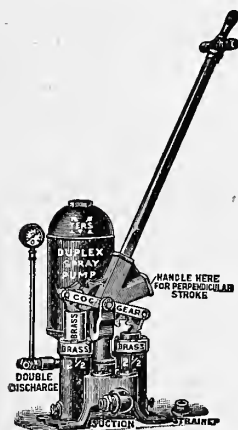
No. 331. Myers' Copper Knapsack Sprayer. Complete as illustrated. Net price . . . \$24.00

No. R335A. Myers' Hydraulic Spray Pump complete with pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Hose additional. Net price . . . 60.00

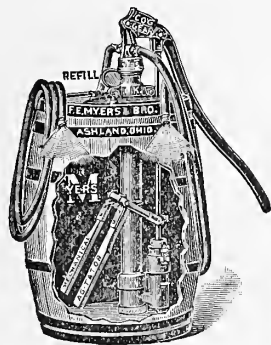
No. 327 1/2. Myers' Little Giant Brass Spray Pump with agitator. Complete with hose and graduating Vermorel nozzle and malleable foot rest. (8 lbs.) Net price . . . \$6.38

No. 324. Myers' Lever Bucket Spray Pump, with agitator, hose and graduating nozzle. (10 lbs.) Net price, 9 00

No. 329. Myers' General Purpose Sprayer, complete as illustrated. Net price . . . 16.50



No. R442A



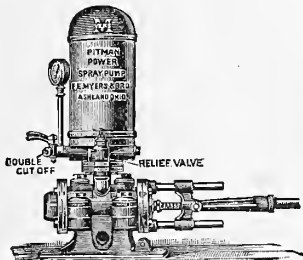
No. R308

No. R441. Myers' 2-inch Duplex Cog Gear Vertical Cylinder Hand Spray Pump with pressure gauge and double discharge. Hose, nozzle, etc., additional. Net price \$60.00

No. R308. Myers' O. K. Spray Pump with mechanical agitator, suction pipe and strainer. Hose and nozzles additional. Net price . . . 27.00



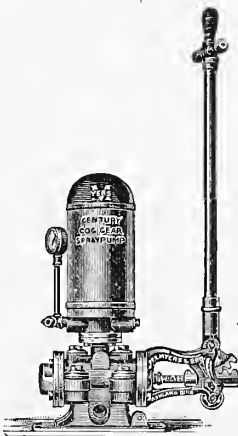
No. 310



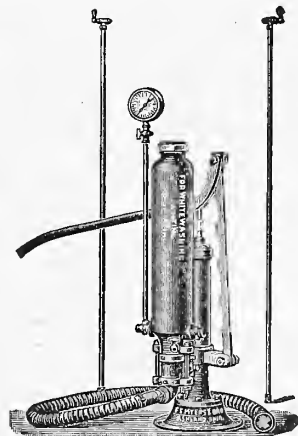
No. 313A

No. 310. Myers' Perfect D. A. Barrel Spray Pump with mechanical agitator, suction pipe, and strainer. Hose and nozzle additional. Net price . . . \$19.75

No. 313A. Myers' Junior Spray Pump with strainer, pressure gauge, relief valve, and 6-foot suction hose, two 8-foot extensions and nozzles. Discharge hose additional. Net price . . . 49.50



No. 438A



No. 334A

No. 438A. Myers' Century Spray Pump with strainer and pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Net price . . . \$52.50

No. 334A. Myers' Paint and Spray Pump, complete with pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Hose additional. Net price, 45.00



Fig. 1317



Fig. 1564



Fig. 1291



Fig. 1290



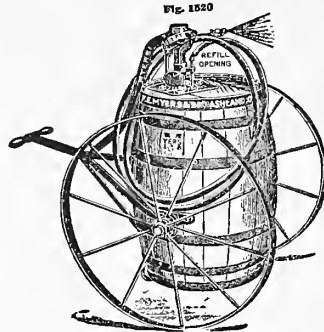
Fig. 1019

| | | | |
|------------|-------------------------------------|-----------|--------|
| Fig. 1317. | Power Nozzle | Net price | \$1.80 |
| " 1564. | Graduating Vermorel Nozzle | " | 1.20 |
| " 1291. | Long Distance Nozzle | " | 1.35 |
| " 1290. | Hand and Power Nozzle | " | 1.13 |
| " 1019. | Bordeaux Nozzle | " | 1.35 |
| " 1470. | Myers' Way Nozzle | " | 1.50 |
| " 480. | 4-ft. Pipe Extensions with Coupling | " | .40 |
| " 480. | 8-ft. " | " | .75 |
| " 480. | 8-ft. " " Stop Cock | " | 1.65 |
| " 480. | 8-ft. " " Lever | " | 1.88 |
| " 772. | Hose Reducer | " | .38 |
| " 1380. | 45-Degree Bend, 1/4 in. Pipe | " | .53 |

Creosote Brushes, complete with Poles, 12 ft. to 18 ft Net price . . . \$1.50

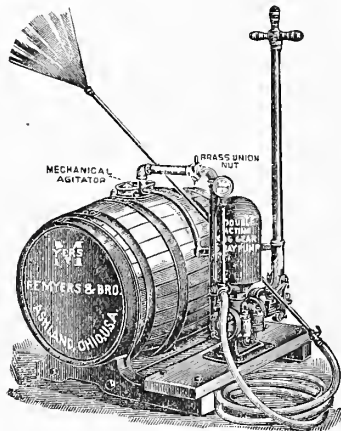
SPRAY PUMPS

Myers' Barrel Spray Outfit consists of an all steel Barrel Cart, attached to barrel—with the Myers No. 318B Goggear Spray Pump with one lead, 15 ft. 1/2-inch hose, nozzle, mechanical agitator, complete.



Myers' Barrel Spray Outfit

| | | |
|-------------------------------|------------|---------|
| No. 318B Pump, as described | Net Price | \$21.00 |
| Steel Cart only | | 18.00 |
| Barrel | | |
| Price of Outfit ready for use | Net price, | \$7.50 |
| | | 46.50 |



Myers' No. 316B

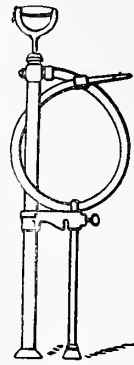
Myers' D. A. Complete Spray Outfit, No. 316B. Pump complete: 50-gallon barrel on skids, pressure gauge, one 15-ft. lead 1/2-in. hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Well adapted for spraying potatoes.

Our net price . . . \$60.00



Myers' Portable Sprayer

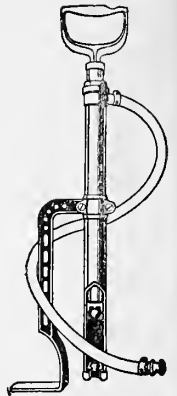
No. R337B Garden Sprayer Tank holds 12 1/2 gallons. Powerful pump, 15 ft. 1/2-inch hose, nozzle, two 4-ft. pipe extensions, complete Our net price, \$37.50



Breck's Force Pump



Brook's Pump



"Modoc" Pump

Breck's Brass Hand Force and Spray Pump. Our own design, adapted to all purposes and Spraying. Complete with spray and solid stream nozzles. (8 lbs.)

Our net price each, \$6.00

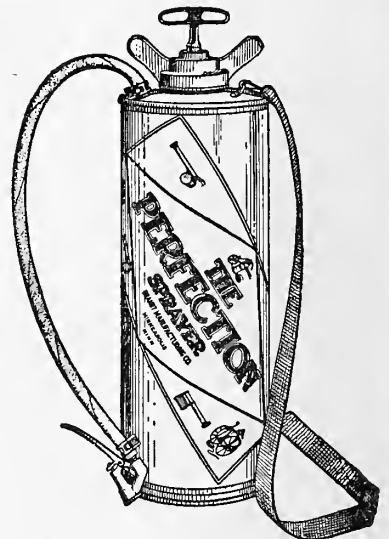
Brook's Brass Hand Pump. A low priced all Brass Pump invaluable for the poultry man and for whitewashing. (8 lbs.)

Our net price each, \$2.25

The "Modoc" Hand Pump will throw a straight stream or a fine spray with the same nozzle. (8 lbs.)

Our net price \$6.00

The Brandt Perfection Sprayer is the best compressed air sprayer made. This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly, and is tested with 50 pounds pressure before leaving the factory.



Perfection Compressed Air Sprayer

Perfection Galvanized Sprayer (12 lbs.) Our net price . . . \$7.50

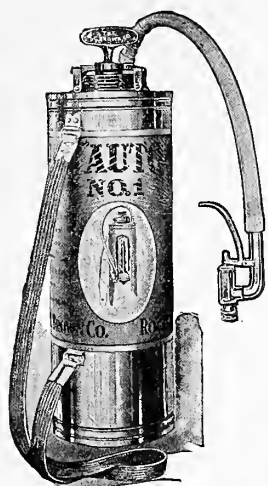
Perfection Brass Sprayer. (12 lbs.) Our net price, \$10.50



The Brandt's "Easy" is the best of all hand sprayers. Capacity 1 gallon. Excellent for spraying floor oils, etc.

| | | |
|---------------------|------------|--------|
| Brass (4 lbs.) | Net price, | \$4.00 |
| Galvanized (4 lbs.) | | 2.50 |

SPRAY PUMPS



Brown's Auto Spray

Brown's Auto Spray is recommended for trees and vines, shrubs, greenhouses, poultry-houses, hospitals and stables for disinfectants; for sheep and cattle dip and cattle fly oils.

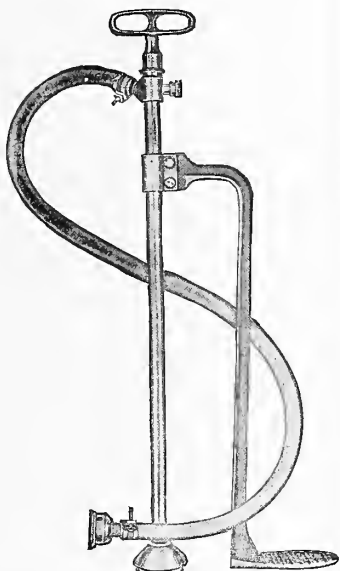
No. 1B Brass Tank (12 lbs.) . . . Our net price \$11.00
No. 1D Galvanized Tank (12 lbs.) . . . " " " " 7.50

Brass Extension Pipes (2 lb.) each, \$0.70
Brass Strainer (1 lb.) each, 1.50

Brown's Auto Spray No. 6 is the latest Double Acting Pump. It has a small cylinder and requires only a little effort to maintain. 200 lbs. pressure. Very accessible for cleaning. One nozzle for solid stream and one for mist spraying. Strainers in intake and discharge.

The pump and valves complete are made entirely of brass. For that reason this pump lasts much longer than a bucket pump made of other material.

Our net price each, (6 lbs.) . . . \$5.50



Brown's Auto Spray No. 6



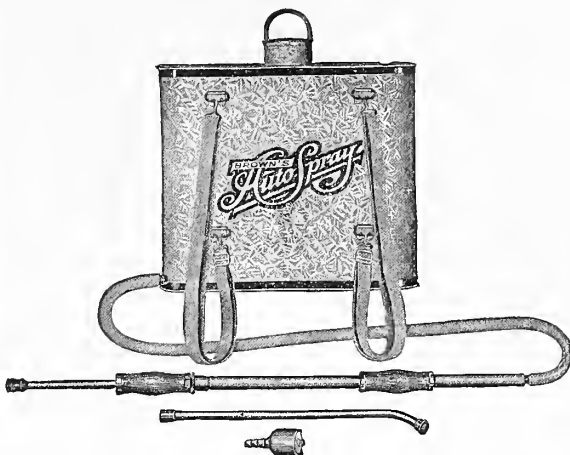
Breck's Acme Sprayer

For spraying cattle, horses, disinfectants. Very handy for house, stable, etc.

Acme, tin . . . 1 qt. (2 lbs.) . . . Net price, each, \$0.50
" brass . . . 1 qt. (2 lbs.) . . . " " " " 1.50
Little Wonder, 1 pt. (2 lbs.) . . . " " " " .45
Midget, 1/2 pt. (1 lb.) . . . " " " " .40

No. 1582. Myers' Three-row Potato Sprayer (not illustrated) to be used with any of the Myers' Barrel Pumps.

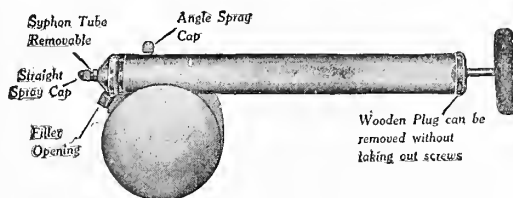
Our net price . . . \$27.00



Brown's Auto Spray No. 5

The Auto Spray No. 5 is a double action continuous stream pump, making it an ideal, all purpose, land sprayer.

Auto Spray No. 5 Pump, only . . . Our net price, each, \$5.50
Extensions . . . " " " " .70
Galvanized Knapsack . . . " " " " 4.00



Brown's Auto Spray No. 25

The Auto Spray No. 25 is a continuous sprayer or atomizer. Handles all solutions, insecticides and disinfectants; capacity, 1 quart.

No. 25A tin, 2 nozzles (2 lbs.) . . . Net price, each, \$1.00
No. 25C brass, 2 nozzles (2 lbs.) . . . " " " " 1.50



Brown's Non-Clog Jr. Nozzle

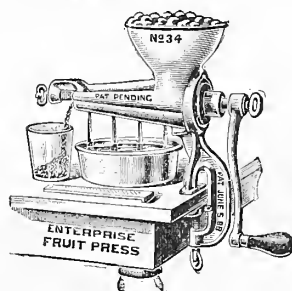
This nozzle can be used for all kinds of spraying and will fit any make of spray pump. Extra discs with each nozzle.

Straight or 45° angle. Our net price, each (1 lb.) . . . \$0.80

Meat Press

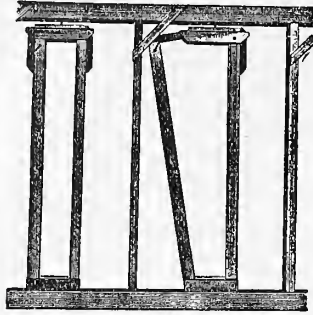
No. 1. 6 x 9 x 4 (9 lbs.) . . . Net price, each, \$2.50
No. 2. 8 x 12 x 5 (15 lbs.) . . . " " " " 3.50
No. 3. 10 x 14 x 16 (19 lbs.) . . . " " " " 4.50

Fruit Press



No. 34. Family (15 lbs.) . . . Net price, each, \$ 6.00
No. 46. Family (40 lbs.) . . . " " " " 36.00

Breck's Improved Swing Stanchion



This Stanchion gives as perfect freedom to cattle as it is possible to have and have them fastened at all. The cattle when standing can lap themselves as when loose, and when lying down they can rest the head upon the body as when in pasture.

Thousands are in use. Every dairyman who has used them approves them and adopts them exclusively.

Our net price, each, \$2.00

Buckley's Patent Watering Device

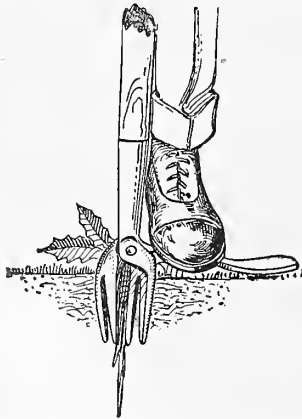


The above illustration shows the general application of this system, but a brief description will be necessary to demonstrate its importance, usefulness and simplicity. On application we will mail descriptive catalog with testimonials, etc.

No. 2 Stanchion Basin, with Valve (18 lbs.)

Our net price, each, \$3.00

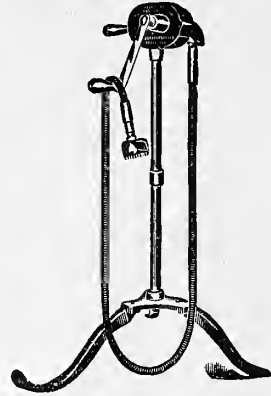
Simplex Automatic Weed Puller



You will find it a pleasure to weed your lawn with the Simplex Automatic Weed Puller. "It pulls 'em out by the roots, they can't come back." It's guaranteed. (4 lbs.)

Our net price, each, \$1.00

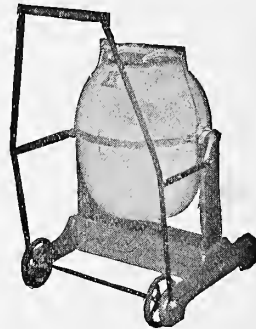
Clipping and Shearing Machines



If properly stabled, well fed, carefully groomed, and clipped in season, a horse will continue in good health and appearance. His value will not impair and he will do good work. Whether you own but 5 sheep or 5000, you cannot afford to overlook the merits of the sheep shearing machines. Machine shorn wool brings the highest price because the machine gets the wool that is next to the skin and that is the best wool of the whole fleece. Hand shears always leave this wool on.

| | |
|--|-----------------------|
| No. 1 Stewart Horse Clipping Machines. | Our net price, \$9.75 |
| Sheep Shearing attachment for No. 1 | " " " 9.00 |
| No. 2 Chicago Horse Clipping Machine | " " " 14.00 |
| No. 8 Stewart Sheep Shearing Machines | " " " 12.00 |
| Horse Clipping Attachment (fits any Hand Power Sheep Shearing Machine) | " " " 6.75 |
| No. 11 Stewart Knife Grinder (can be used on No. 1 and No. 8 Machines) | " " " 4.50 |

Superior Sanitary Churn



The Superior Sanitary Churn is made with the idea of furnishing the butter maker with a churn that will not absorb any moisture whatever, making it absolutely sanitary. It is very easy to wash and dry, there being no reason for placing it out in the sun to dry, or in the basement to keep it from leaking. It costs more than the ordinary churn and is worth more. The difference in price is nothing when you consider the difference in quality. The labor saved each year, the satisfaction of knowing there is nothing about your churn that will taint the butter, and that your churn will be just as sweet after use as when new. Power attachments can be furnished for the sanitary churns. Circular and prices mailed on application.

| | |
|-------------------------|------------------------------|
| 8 gallon size, complete | Our net price, each, \$12.50 |
| 10 " " " " | " " " 13.50 |
| 12 " " " " | " " " 14.50 |
| 15 " " " " | " " " 18.00 |
| 20 " " " " | " " " 21.50 |

Miller's Harness Preparations



HARNESS OIL

| | |
|------------------------|-----------------------------|
| No. 1, pints (2 lbs.) | Our net price, each, \$0.40 |
| " 2, quarts (3 ") | " " " .60 |
| " 4, gallons (11 ") | " " " 2.10 |

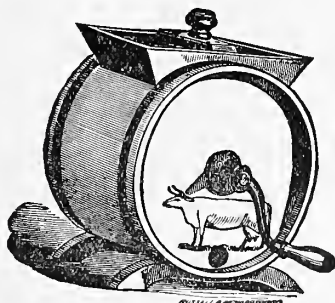
HARNESS DRESSING

| | |
|----------------------|-----------------------------|
| Pints (2 lbs.) | Our net price, each, \$0.40 |
| Quarts (3 ") | " " " .55 |
| Half Gallons (6 ") | " " " 1.10 |
| Gallons (11 ") | " " " 1.90 |

HARNESS COMPOSITION SOAP

| | |
|----------------------|-----------------------------|
| Small boxes (2 lbs.) | Our net price, each, \$0.35 |
| Medium " (3 ") | " " " .60 |
| Large " (6 ") | " " " 1.35 |

Churns



| | |
|--|-----------------------|
| No. 0. Cylinder Churns, 1 1/4 gal. (8 lbs.) | Our net price, \$3.60 |
| " 1. " " 2 3/4 " (10 ") | " " " 4.00 |
| " 2. " " 4 " (13 ") | " " " 4.80 |
| " 3. " " 7 " (16 ") | " " " 5.60 |

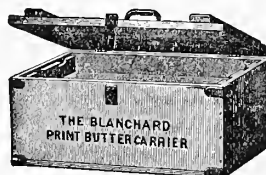


| | |
|--------------------------------------|------------------------|
| No. 1. Stoddard Bbl. Churns, 10 gal. | Our net price, \$13.50 |
| " 2. " " 15 " " | " " " 14.25 |
| " 3. " " 20 " " | " " " 16.13 |
| " 4. " " 25 " " | " " " 18.00 |
| " 5. " " 35 " " | " " " 21.00 |



| | |
|---------------------------------|-----------------------|
| No. 3. Blanchard Churns, 2 gal. | Our net price, \$9.60 |
| " 4. " " 4 " " | " " " 11.20 |
| " 5. " " 8 " " | " " " 12.80 |
| " 6. " " 12 " " | " " " 16.00 |

Butter Carriers

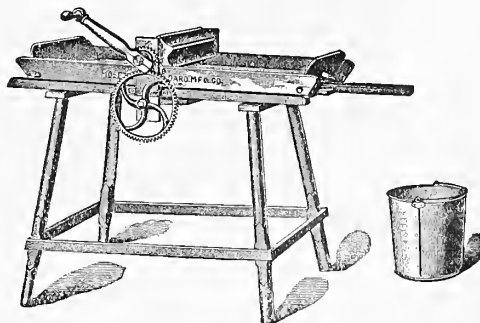


| | |
|-----------------------------|-----------------------|
| No. 6 1/2, capacity 12 lbs. | Our net price, \$4.80 |
| " 7 " 16 " " | " " " 5.60 |
| " 8 " 24 " " | " " " 6.40 |
| " 9 " 32 " " | " " " 7.20 |
| " 10 " 40 " " | " " " 8.00 |
| " 11 " 48 " " | " " " 9.60 |

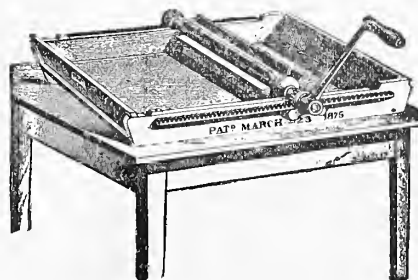
"Junior" Carriers will be fitted with galvanized iron ice boxes to fit in end of carrier, and bottom trays 4 1/2 inches shorter than above, for 75 cts. net each extra.

All carriers neatly stencilled with name of creamery or dairy without extra charge, when ordered in lots of six or more.

Butter Workers

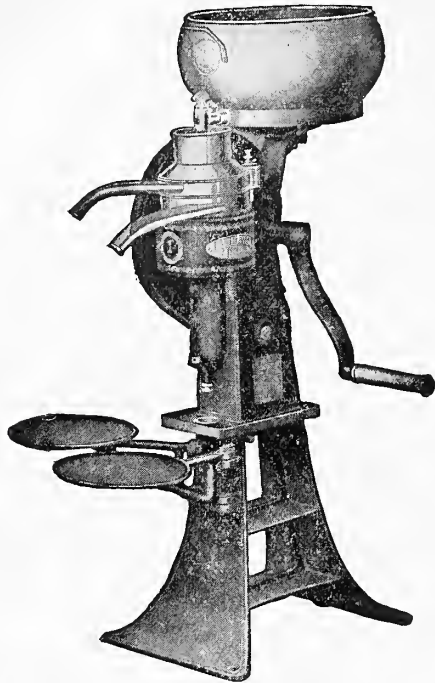


| | |
|------------------------------|-----------------------|
| No. 0. Waters' Butter Worker | Our net price, \$9.10 |
| " 1. " " " " | " " " 10.40 |
| " 2. " " " " | " " " 11.70 |
| " 3. " " " " | " " " 13.00 |
| " 4. " " " " | " " " 15.60 |



| | |
|-----------------------------|------------------------|
| No. 1. Reid's Butter Worker | Our net price, \$15.00 |
| " 2. " " " " | " " " 12.00 |
| " 3. " " " " | " " " 10.50 |
| " 4. " " " " | " " " 9.00 |

De Laval Cream Separators



"Alpha" or "Disc" Bowl Type

De Laval Cream Separators are guaranteed to be as represented and to fulfil all the claims made for them, being sold subject to the guarantee of their unqualified superiority in every material feature of separator practicability.

Prices range from \$52.50 to \$225.00, according to capacity.

Descriptive catalogues, prices, etc., mailed on application.

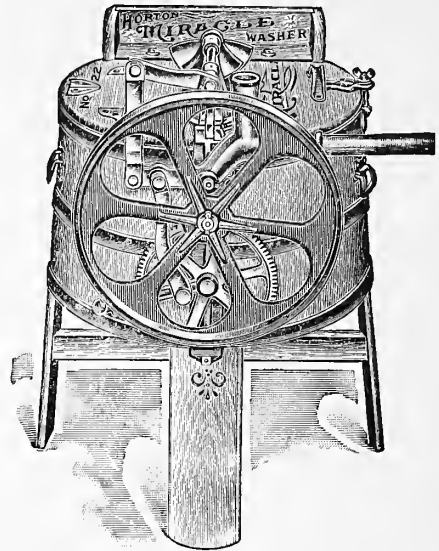
Game Traps



Light and Durable. Prices include Chains.
Equal in strength to traps of same size having external springs.

| | |
|----------------------------------|----------------------------|
| Kangaroo Rat or Gopher Trap | |
| No. 0. (1 lb.) | Our net price, each \$0.20 |
| Kangaroo Muskrat Trap | |
| No. 1. (1 lb.) | Our net price, each \$0.25 |
| Kangaroo Mink Trap | |
| No. 1 1/4. (2 lbs.) | Our net price, each \$0.35 |
| Kangaroo Fox, Skunk or Coon Trap | |
| No. 2. (2 lbs.) | Our net price, each \$0.50 |

Clothes Washers



No. 22 Miracle Washer

Peerless Water Motor Washer.

No. 30. Our net price, each \$22.00

Miracle Washer. Can furnish with pulley for power.

No. 22. Our net price, each \$17.00

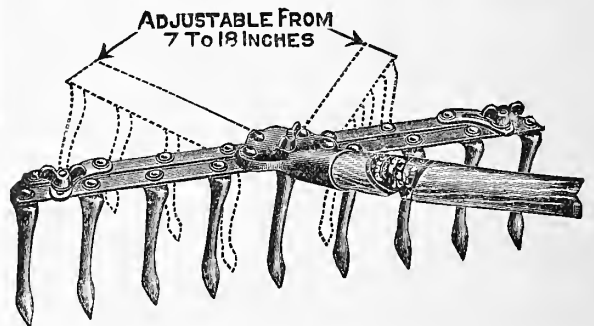
Combination Washer. A combined washing and wringing machine for gasoline engine power.

No. 25. Price on application

Electric Washer. Comes all ready for use. Simply attach plug to electric light socket. Can be used with hand lever if necessary.

No. 26. Price on application

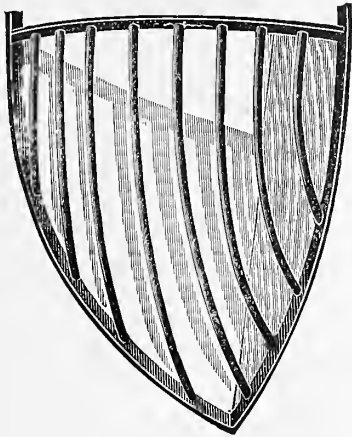
The "Pull Easy" Garden Cultivator



This Garden Cultivator is absolutely new. What is more, it is "the handiest little Garden Tool that ever sunk its teeth into Mother Earth." If you are among the army of early risers who faithfully tend a little patch of green things in the back yard—if you own a small farm, or till the soil in a few outlying acres of "truck" you will find this Adjustable Cultivator a valuable aid in doing your work swiftly and thoroughly.

| | |
|-------------------------------------|----------------------------|
| Pull Easy Hand Cultivator (10 lbs.) | Our net price, each \$1.50 |
| " " Wheel " (25 lbs.) | " " " 3.75 |
| " " Weeder " (6 lbs.) | " " " .50 |
| " " Junior " 10-inch | " " " .60 |
| " " " 48-inch | " " " .75 |
| " " Rocker Hoe | " " " 1.00 |

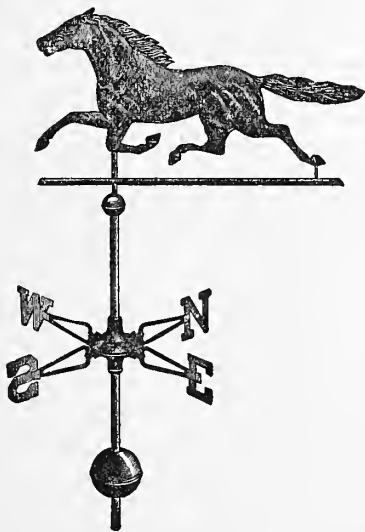
Stable Fittings



| | | | |
|-----------|------------------------------------|---------|--------|
| Fig. 182A | Wrought Iron Hay Rack..... | each | \$2.75 |
| Fig. 180A | Corner Rack | " | 4.50 |
| Fig. 210A | Gutter | per ft. | 1.40 |
| Fig. 247A | Half Circle Water Trough..... | each | 23.00 |
| Fig. 197A | Slow Feed Manger..... | " | 3.50 |
| Fig. 188A | Corner Manger, 15½ x 15½..... | " | 3.00 |
| | Corner Manger, 17 x 17 | " | 3.25 |
| Fig. 245A | Side Wall Trough..... | " | 11.70 |
| Fig. 254A | Harness Hook (10 lbs.)..... | " | 1.15 |
| Fig. 262A | Whip Rack (2 lbs.)..... | " | .85 |
| Fig. 198A | Salt Dish (7 lbs.)..... | " | 1.10 |
| Fig. 276A | Soap Dish (2 lbs.)..... | " | .50 |
| Fig. 225A | Cess Pool, 6 x 6..... | " | 1.35 |
| | Cess Pool, 9 x 9..... | " | 2.00 |
| | Cess Pool, 12 x 12..... | " | 3.40 |
| Fig. 235A | Vault Cover and Frame (18 in.).... | " | 6.70 |
| | Vault Cover and Frame (20 in.).... | " | 8.50 |
| | Vault Cover and Frame (30 in.).... | " | 18.35 |

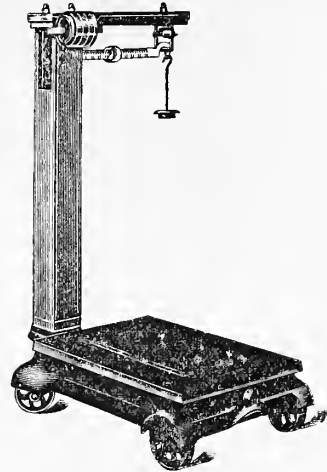
Complete Catalog of Stable Fittings mailed on application.

Weather Vanes



Our vanes are made entirely of copper, gilded with 23-karat gold leaf. They will not corrode or discolor, but remain bright and clean for many years. The price of each vane includes Wrought Iron Spire, Cardinal Points, Letters and Two Balls. Ask for Weather Vane Catalog—contains illustrations of more than seventy-five designs. Mailed free.

Scales



This illustration shows the new Cyclo Ball Bearing Swivel Wheel Portable Scale which is constructed with two swivel or castor wheels at the front. This novel construction enables the operator to move the scale in any direction.

Platform Scales

| | | | | |
|--------|-------------------------|----------|-----------|---------|
| No. 87 | Cyclo, Single Beam..... | 600 lbs. | Net price | \$28.00 |
| No. 87 | Cyclo, Double Beam.... | 600 lbs. | " | 30.00 |

Union Platform Scales

| | | | | |
|----------|-------|----------|-----------|---------|
| No. 1920 | | 244 lbs. | Net price | \$13.00 |
|----------|-------|----------|-----------|---------|

Forschner Folding Scales

| | | | Net | price |
|----------|-------------------------------|--------------|--------|-------|
| No. 4520 | 20 lbs. x 1 oz. without Glass | (4 lbs.).... | \$4.00 | |
| No. 5520 | 20 lbs. x 1 oz. with Glass | (4 lbs.).... | 4.50 | |

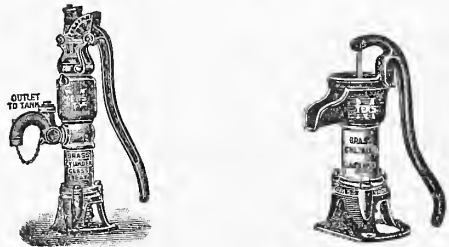
Milk Scales

| | | | | |
|--------------|-----------------------|----------|-----------|--------|
| No. 68 M. D. | 30 lbs. x 1/10 lb. .. | (5 lbs.) | Net price | \$3.25 |
|--------------|-----------------------|----------|-----------|--------|

Family Scales

| | | | | |
|----------|------------------------|----------|-----------|--------|
| No. 200S | Steel Top | (5 lbs.) | Net price | \$2.10 |
| No. 203S | Tile Top | (5 lbs.) | " | 2.60 |
| No. 202S | Steel Top, Tin Scoop.. | (6 lbs.) | " | 2.50 |
| No. 204S | Steel Top, Br. Scoop.. | (6 lbs.) | " | 3.00 |

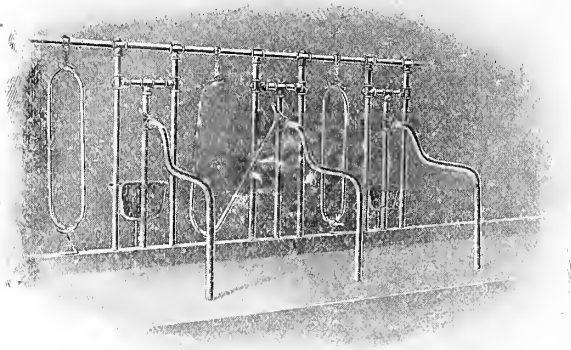
Myers Brass Cylinder House Pump



These Pumps have 3-inch brass cylinders, glass valve seats. Fitted for 1¼-inch pipe, either lead or iron. No solder necessary. Goggear reversible handles.

| | | | Net price |
|-----------|----------|---------------------------------------|-----------|
| Fig. 1463 | No. R245 | Myers House Lift Pump..... | \$8.25 |
| Fig. 1384 | No. R251 | Myers House Force and Lift Pump | 12.00 |
| Fig. 1366 | No. R220 | Myers Pitcher Pump..... | 7.50 |
| Fig. 911 | | Cock Spouts fitted on No. R251..... | 1.50 |

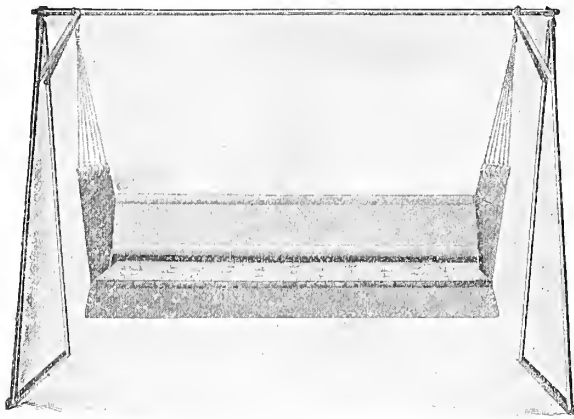
Porter Sanitary Barn Equipment



The cleanliness, convenience, and comfort of Porter Equipment will swell your dairy dividends. The better care you give your cows, the better they will pay you. Stable them in light, clean, comfortable, sanitary quarters and they'll require less feed, keep freer from disease, produce more milk, with a higher percentage of butter fat, and your milk and butter will bring top notch prices. These are facts proved over and over again in the experience of successful dairymen who are using Porter Litter Carriers, Feed Carriers, Stalls and Stanchions. Porter Equipment in your barn will mean a big boost for extra profits, for it's built with practical common-sense understanding of the care the Dairy Cow needs for best results. It keeps the stalls clean, prevents waste of feed and manure—gives your cows the best chance to show what they can earn for you.

Descriptive Catalogs and Price Lists mailed on application.

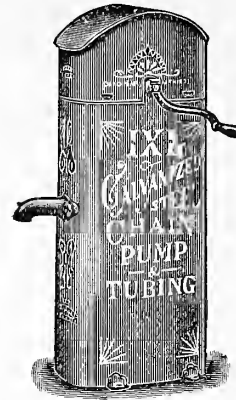
Breck's Couch Hammock



The "Sam-O-Set" is undoubtedly the most comfortable and durable couch hammock made (see cut). All the undesirable features of the ordinary hammock eliminated. Frame, steel tubing and angle steel. Bottom, diamond fabric. Mattress, 4-inch box, soft top and bottom covered with duck, tufted. Hammock, 12-oz. khaki duck. Magazine pocket in end. Luxury adjustable back. Ropes and hooks for hanging.

| | Our net price |
|--------------------------------|---------------|
| "Sam-O-Set" No. 75..... | \$20.00 |
| "Mayflower" No. 120..... | 15.00 |
| "Bungalow" No. 65..... | 10.50 |
| Awning Striped | 9.00 |
| Roller Awning "Khaki"..... | 7.00 |
| Folding Stand, Angle Iron..... | 5.00 |
| Folding Stand, Tubing | 5.50 |
| Child's Hammock Complete..... | 17.00 |

I. X. L. Galvanized Steel Chain Pump



There has never been a better device for raising water from the well than the old-fashioned chain pump with rubber buckets. The galvanized tubing does not make the water taste, it cannot rust, and will not rot or accumulate filth. This pump is anti-freezing and can be used in wells that are fifty feet deep or under successfully, giving sixteen gallons of water per minute.

| | |
|--------------------------------------|-------------|
| I. X. L. Curbs complete..... | each \$8.00 |
| Galvanized Tubing | per ft. .20 |
| Galvanized Couplings | " .50 |
| I. X. L. Rubber Buckets (3 oz.)..... | each .10 |
| Galvanized Pump Chain (1 lb.)..... | per ft. .10 |

Field, Garden, Golf and Lawn Rollers



| | | Garden and Lawn | | | |
|-----|------------------------------------|-----------------|--|---------------|--------------|
| No. | | | | Our net price | |
| 1 | 15 in. x 15 in., 2 sect., 150 lbs. | | | | \$17.00 |
| 2 | 15 in. x 22 in., 3 sect., 200 lbs. | | | | 23.00 |
| 4 | 20 in. x 20 in., 2 sect., 250 lbs. | | | | 28.00 |
| 5 | 20 in. x 20 in., 1 sect., 250 lbs. | | | | 28.00 |
| 6 | 20 in. x 24 in., 3 sect., 300 lbs. | | | | 35.00 |
| 11 | 24 in. x 24 in., 3 sect., 450 lbs. | | | | 51.00 |
| 25 | 30 in. x 24 in., 3 sect., 550 lbs. | | | | Discontinued |

| | | Golf and Lawn | | | | | |
|-----|--------|---------------|-------|--------|------|----------------|--|
| No. | Diam. | Length | Sect. | Face | Lbs. | | |
| 40 | 24 in. | 30 in. | 3 | 10 in. | 650 | On Application | |
| 41 | 24 in. | 40 in. | 4 | 10 in. | 800 | " | |
| 42 | 24 in. | 50 in. | 5 | 10 in. | 950 | " | |

| | | Two-Horse Field | | | | | |
|-----|--------|-----------------|-------|--------|-------|---|--|
| No. | Diam. | Length | Sect. | Face | Lbs. | | |
| 72 | 24 in. | 5 feet | 5 | 12 in. | 1,450 | " | |
| 76 | 28 in. | 6 feet | 6 | 12 in. | 1,950 | " | |

Whiffletrees and neck yoke extra per set. On application.
Prices included seats. Descriptive catalog on application.
Special sizes up to 10,000 lbs. furnished promptly.

Self-Setting Mole Trap



Simplest, safest and surest mole trap made; all steel, heavily tinned. Our net price, each (4 lbs.) \$1.25

Everwear Lawn Sweeper



For sweeping lawns, walks, golf grounds, etc.

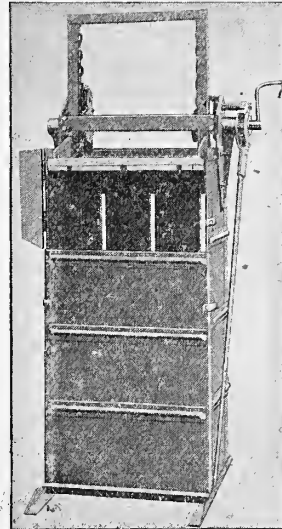
| | |
|--|------------------------------|
| 24 inch | Our net price, each, \$14.00 |
| 28 " | " " " 15.00 |
| 28 " Special for golf greens | " " " 18.00 |

Erado Weed Killer



Try Erado. It is guaranteed. If it is not entirely satisfactory you can return this implement for the full purchase price. Erado, solid brass (6 lbs.) Net price, each, \$1.75

"Pak-Tite" Paper Baler



Don't think you don't have waste paper enough to make a baler pay. There is not a grocery, dry goods, hardware, clothing or practically any retail or wholesale store that does not average twenty-five pounds per day, and when you commence to bale it you will quickly realize this.

| | Size of Bale | Wt. of Bale | Wt. of Machine | Price |
|-----------------|-----------------|-----------------|----------------|---------|
| No. 1 | 14" x 18" x 30" | 75 to 100 lbs. | 150 lbs. | \$28.00 |
| No. 2 | 16" x 20" x 32" | 100 to 150 lbs. | 190 lbs. | 35.00 |
| No. 3 | 20" x 24" x 34" | 200 to 300 lbs. | 275 lbs. | 50.00 |

FARM MACHINERY

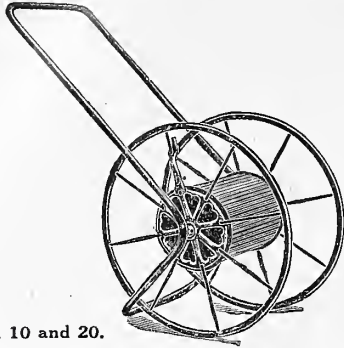
THE space in this catalogue is too limited to attempt any description of the extensive line of Farm Machinery we handle. In the following list are some of the most useful and popular machines. We will gladly mail circulars, quote prices or give you any information about same if you will write us regarding the implement wanted.

- Oliver Tractor Plows
- Oliver Riding Plows
- Easy Pull Manure Spreaders
- Cutaway Harrows
- Spike Tooth Harrows
- Iron Age Potato Planters
- Iron Age Potato Diggers
- Corn Planters
- Buckeye Mowing Machines
- Bullard Tedders
- Farm Carts and Wagons
- Worcester Wood Saws
- Root Cutters
- Tank Heaters

- Oliver Tractor Harrows
- Oliver Walking Plows
- Worcester Fertilizer Sowers
- Spring Tooth Harrows
- Walking Weeders
- Iron Age Potato Sprayers
- Field Rollers
- Hay Carrier Outfits
- Worcester Hay Rakes
- Sanitary Barn Equipment
- Ensilage Blowers and Cutters
- Grinding Mills
- Fan Mills
- Road Scrapers, Etc.

Our Implement Catalogue (see page 168) covers our entire line of Agricultural Implements, Machines, Woodenware, Etc.

All Iron Park Hose Reels



Nos. 10 and 20.

To meet the demand for Hose Reels having a larger capacity than the ordinary reels which carry from 50 to 100 feet, we have selected the Park Reels as being the most suitable.

| No. | Height Wheel Inches | Capacity $\frac{3}{4}$ in. Hose Feet | Net Cash Price |
|-----|---------------------|--------------------------------------|----------------|
| 10 | 21 | 100 | \$ 4.75 |
| 20 | 24 | 150 | 5.50 |
| 21 | 28 | 200 | 11.00 |
| 31 | 34 | 500 | 15.00 |
| 90 | 34 | 500 | 18.00 |
| 100 | 36 | 600 | 25.00 |

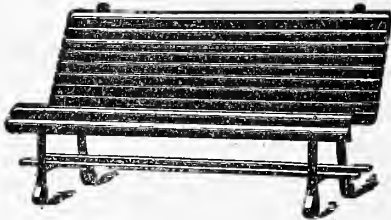
Mehler Practical Garden Tools



These are the invention of a practical amateur gardener, who has spent much time and labor in perfecting them. Each tool is fitted for particular work and performs the same to perfection.

| | | |
|-------------------------|------------|--------|
| Handy Gardener (3 lbs.) | Net price, | \$1.25 |
| " Hoe, (5 lbs.) | " " | 1.25 |
| " Edger, (5 lbs.) | " " | 1.25 |
| " Scraper, (8 lbs.) | " " | 1.25 |

Park and Lawn Settees



Boston Park Settee. This style of settee is being adopted by all large cities, it being especially adapted to use in parks and public grounds.

Mfrs. price, each \$10.00 Our net price \$9.00

Extra Heavy Lawn Settee. The extra heavy lawn settee has a heavy iron frame, the ends being bolted together with iron rod. Seat and backs are made from best quality stock.

48 in. long . . . Mfrs. price, per doz., \$96.00

Our net price, each \$7.00

Folding Lawn Settee. Our folding lawn settees are made from hardwood. Painted vermilion.

Our net price each \$1.25

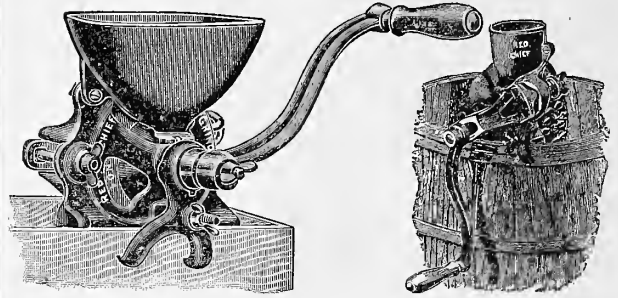
Scythes



| | | |
|--------------------------------------|---------------------|--------|
| Breck's "Victor," Warrented (5 lbs.) | Our net price, each | \$2.00 |
| High Grade, Solid Steel (5 lbs.) | " " " " | 1.75 |
| Sibley Clipper (5 lbs.) | " " " " | 1.75 |
| Heavy Bush (5 lbs.) | " " " " | 1.75 |
| Weed or Bramble (5 lbs.) | " " " " | 1.75 |

Hay Rakes and Scythe Snaths at lowest prices

Red Chief Grinders and Shellers



Grinding Mill

Corn Sheller

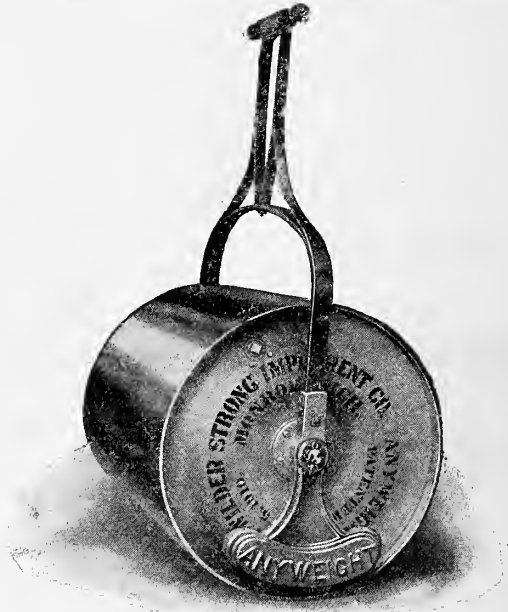
The Red Chief Mills will grind corn and all small grains for family use or for feed.

| | | |
|--------------------------|-----------------|---------|
| No. 2 Family Size, Small | Net price, each | \$ 4.50 |
| " 10 " " Large | " " " | 7.50 |
| " 15 Small, for Power | " " " | 13.50 |
| " 20 Large, " " | " " " | 28.00 |

The Red Chief Sheller has a larger capacity than some of the higher priced shellers.

| | | |
|---------------------|-----------------|--------|
| No. 1 Improved | Net price each, | \$2.50 |
| Pop Corn Attachment | " " " | .50 |

Water or Sand Ballast Rollers



The "Water Ballast Lawn and Garden Roller" idea is a brand new one and by the introduction of this type of tool, the old style, clumsy, iron and steel weighted machines are relegated to oblivion. The "Anyweight" system is one particularly pleasing to the user, as but a moment's time is required to obtain any weight from 115 pounds to one-half ton, suitable to condition of ground or strength of operator. To weight the machine, turn on end, remove pipe plug by unscrewing, insert garden hose, or, if necessary, use pail and funnel, fill the drum to any desired weight, screw in the threaded plug and your machine is ready for business.

Furnished complete with wrought iron handles and counterweights.

| No. | Width of Drum | Weight of Tool empty | Weight filled with Water | Weight filled with Sand | Our Net Price |
|------|------------------------------------|----------------------|--------------------------|-------------------------|---------------|
| 1424 | 14 $\frac{1}{4}$ x23 $\frac{1}{4}$ | 49 | 171 | 260 | \$13.45 |
| 1824 | 18x23 $\frac{1}{4}$ | 95 | 312 | 478 | 15.70 |
| 1830 | 18x31 $\frac{1}{4}$ | 110 | 402 | 625 | 17.20 |
| 2424 | 24x23 $\frac{1}{4}$ | 115 | 480 | 759 | 18.70 |
| 2430 | 24x31 $\frac{1}{4}$ | 132 | 624 | 1000 | 20.20 |
| 2456 | 24x56 | 313 | 1153 | 1793 | 55.00 |
| 2472 | 24x72 | 364 | 1440 | 2262 | 61.00 |

Mounted Grindstones



NOVA SCOTIA

Only the most carefully selected Bay de Chaleur stones are used. Best quality hardwood frames.

OUR NET PRICES:

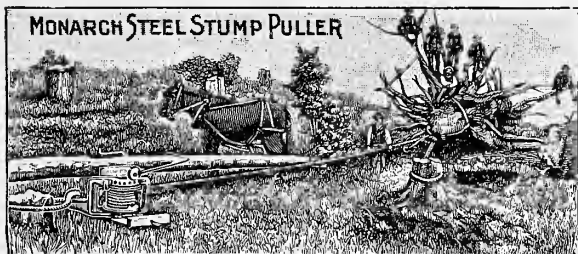
20-in. \$12.75, 22-in. \$13.50, 24-in. \$14.63, 26-in. \$18.00, 28-in. \$19.50, 30-in. \$21.00, 32-in. \$23.25, 34-in. \$24.75, 36-in. \$26.63

WESTERN

Best quality Western stones. Strong, durable frames.

| | | |
|---------------------|-------|---------|
| Samson No. 1 | each, | \$10.25 |
| " No. 2 | " | 9.85 |
| " No. 3 | " | 9.50 |
| Sterling (Bi Pedal) | " | 13.00 |
| Empire (for power) | " | 27.00 |

Monarch Steel Stump Puller



The most complete and most successful, most powerful and thoroughly up-to-date line of Steel Stump Pullers ever offered to the public. More Monarch Steel and Iron Stump Pullers are now at work and sold every year than all the rest combined.

Descriptive circulars, prices, etc., on application.

Ruberoid Roofing

RUBEROID
TRADE MARK REGISTERED

Ruberoid Roofing has been the standard prepared roofing for twenty years.

Ruberoid Roofing is ready to apply when sold. With each roll we supply sufficient nails, tin caps and cement for laying. No experience is required to apply it.

Outlasts tin, iron or shingles. Lives indefinitely with but ordinary care. Use Ruberine Paint—Ask for Prices.

| | | |
|--|---------|--------|
| 1/4 ply, per sq. or 100 sq. ft., weight, 1/4 ply 26 lbs. per sq. | per sq. | \$3.25 |
| 1 " " " 100 " " 1 " 33 " " | " | 3.75 |
| 2 " " " 100 " " 2 " 44 " " | " | 4.65 |
| 3 " " " 100 " " 3 " 54 " " | " | 5.50 |

Circulars and samples mailed on application.

Cow and Team Bells



COLONIAL COW BELLS. BRASS

| | | |
|----------------------|-------------------|---------------|
| Sizes, No. 22, 4-in. | No. 32, 4 1/2-in. | No. 42, 5-in. |
| Each \$1.50 | \$1.70 | \$2.00 |

LONG DISTANCE COW BELLS. STEEL

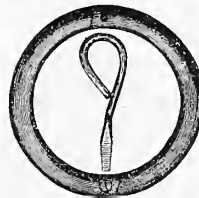
| | | | | | | |
|-------------|--------|--------|--------|--------|--------|--------|
| Nos. 8 | 9 | 10 | 11 | 12 | 013 | 014 |
| Each \$0.20 | \$0.25 | \$0.30 | \$0.35 | \$0.40 | \$0.45 | \$0.50 |

TEAM BELLS. STAMPED

| | | | |
|-------------|--------|--------|--------|
| Nos. 7B | 8B | 10B | 12B |
| Each \$0.30 | \$0.35 | \$0.40 | \$0.45 |

Parcel Post charges average 5 cents per bell.

Bull Rings



| | | |
|--|-------|--------|
| Copper, 2 in., best quality (1 lb.) | each, | \$0.35 |
| " 1 1/2 in., " (1 ") | " | .40 |
| " 3 " " (1 ") | " | .45 |
| Bronze Metal, 3 1/2 in., extra heavy (1 lb.) | " | 1.75 |

Veterinary Supplies



| | | |
|---------------------------------|-------|--------|
| No. 6525 Bull Punch | each, | \$1.75 |
| " 7058 Yale Milk Fever Outfit | " | 3.50 |
| " 12N Dose Syringe | " | 2.00 |
| " 345B Veterinary Thermometer | " | 1.50 |
| " 7035 Boston Teat Lance | " | 1.50 |
| " 7025 Self Retaining Milk Tube | " | .25 |
| " 7020 Plain Milk Tube | " | .20 |
| " 7030 Teat Dilators or Plugs | " | .25 |
| " 7070 Plain Teat Slitter | " | 1.25 |
| " 7065 Three Ring Teat Slitter | " | 2.00 |

Sent by mail, postage paid, on receipt of price.

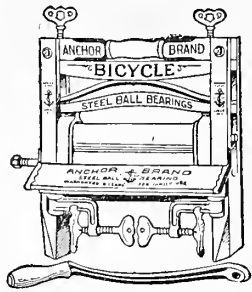
Rice's Calf Weaner



For preventing calves and cows sucking themselves or each other. The only weaner made giving freedom to the animal.

| | | |
|-----------------------------|-------|--------|
| No. 1 for calves (3 oz.) | each, | \$0.35 |
| " 2, 1 to 2 years (1 lb.) | " | .60 |
| " 3, for full grown (1 lb.) | " | .80 |

Clothes Wringers



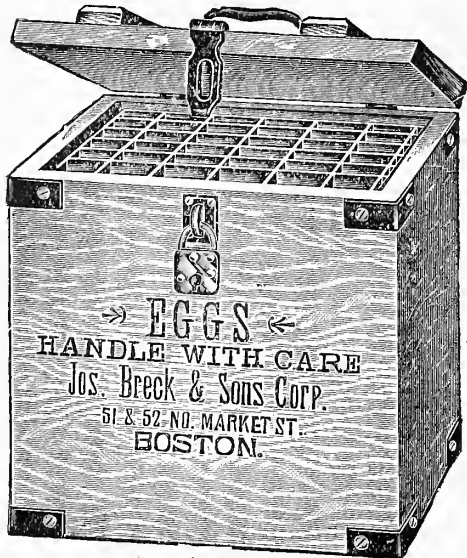
Wood Frame

| Name | | Length of warrant | Our net price each |
|---------|-------------------|-------------------|--------------------|
| Bicycle | No. 770 (19 lbs.) | 3 years | \$5.50 |
| " | " 771 (19 ") | 3 " | 6.00 |
| " | " 770B (19 ") | 3 " | 8.00 |
| " | " 110 (18 ") | 3 " | 4.75 |

Iron Frame

| | | | |
|---------|------------------|--------|--------|
| Pioneer | No. 22 (16 lbs.) | 1 year | \$4.75 |
|---------|------------------|--------|--------|

Breck's Private Express Egg Case



No more broken or exchanged eggs. Made of 3/4-inch stock, heavy japanned iron corners, with brass lock and two keys.

| | | |
|-------------------|----------------------|--------|
| 6 dozen (12 lbs.) | Our net price, each, | \$3.25 |
| 9 " (15 ") | " " " | 3.50 |
| 15 " (19 ") | " " " | 3.75 |

EXTRA FILLINGS. Net Price Per Set.

6 doz. (3 lbs.) 20 cts.; 9 doz. (4 lbs.) 20 cts.; 15 doz. (5 lbs.) 20 cts.

Breck's Egg Carrier

The Breck's Egg Carrier is made of pine, light and durable, locked corners, handsomely painted, japanned iron drop handle, brass hook and pasteboard cartons.

| | | |
|-------------------|----------------------|--------|
| 3 dozen (3 lbs.) | Our net price, each, | \$1.00 |
| 5 " (4 ") | " " " | 1.15 |
| 8 " (5 ") | " " " | 1.30 |
| 10 " (8 ") | " " " | 1.45 |
| 12 " (10 ") | " " " | 1.60 |

EXTRA FILLINGS. Net Price Per Set.

3 doz. (1 lb.) 6 cts.; 5 doz. (2 lbs.) 9 cts.; 8 doz. (2 lbs.) 12 cts.; 10 doz. (3 lbs.) 18 cts.; 12 doz. (3 lbs.) 18 cts.

Economy Jar

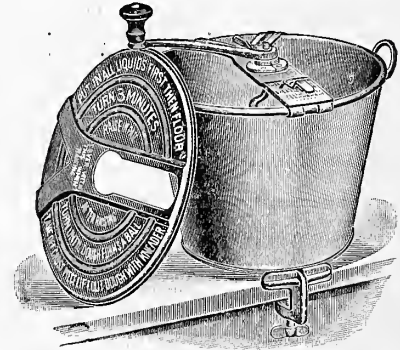


For preserving fruit, vegetables, meats, fish, game, etc. No rubber rings, sure seal, air tight, cannot leak. Stays sealed for years.

| | | |
|---------------|-----------|--------|
| Pints | Per doz., | \$1.55 |
| Quarts | " " | 1.70 |
| 1/2 gallons | " " | 2.00 |
| Extra caps | " " | .35 |
| Extra springs | " " | .15 |

Jars in dozen lots, price on application.

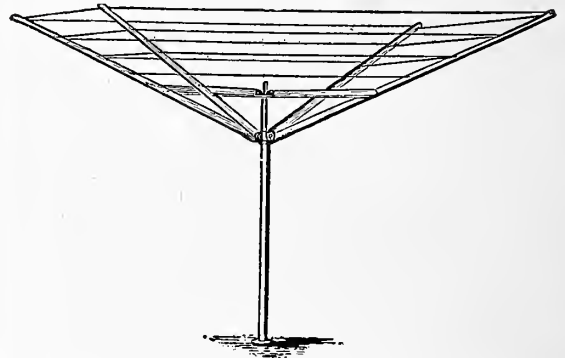
Universal Bread Maker



| | |
|---------------------------|--------|
| No. 4. 4 loaves (10 lbs.) | \$3.75 |
| " 8. 8 " (12 ") | 4.50 |

Breck's Outside Clothes Dryers

(See illustration)

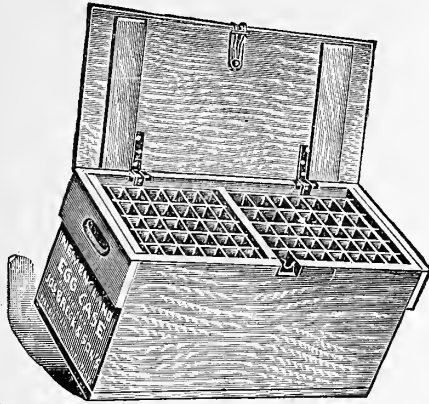


| | Our net price |
|--|---------------|
| Leader No. 1 110 ft. line, japanned trimmings, Each, | \$5.50 |
| " " 2 150 " " " " " | 5.75 |
| I. X. L. " 49 110 " Galvanized " " " | 6.50 |
| " " 50 150 " " " " " | 6.85 |

Bay State Outside Clothes Dryer

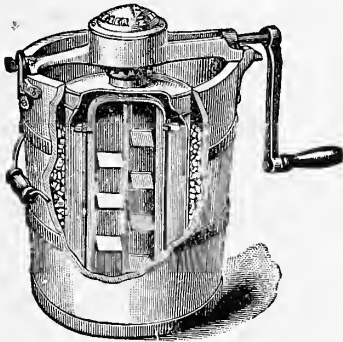
Bay State Cedar Post, Arms 8 to 10 feet long. Painted green, each, \$9.00.

New England Egg Cases



8 dz. Cases, complete, ea. \$1.25 8 dz. Fillings only, per set, \$0.20
 15 " " " " 1.40 15 " " " " .20
 30 " " " " 2.00 30 " " " " .35

White Mountain Ice Cream Freezer



There is no feature of merit in any freezer made that has not been embodied in the "White Mountain."

OUR NET PRICE LIST:

| | | | | | | | |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| Capacity | 2-Qt. | 3-Qt. | 4-Qt. | 6-Qt. | 8-Qt. | 10-Qt. | 12-Qt. |
| Price | \$4.05 | \$4.80 | \$5.65 | \$7.15 | 9.25 | \$11.80 | \$15.00 |
| | (14 lbs.) | (15 lbs.) | (19 lbs.) | (28 lbs.) | (30 lbs.) | (33 lbs.) | |

Enterprise Meat Choppers

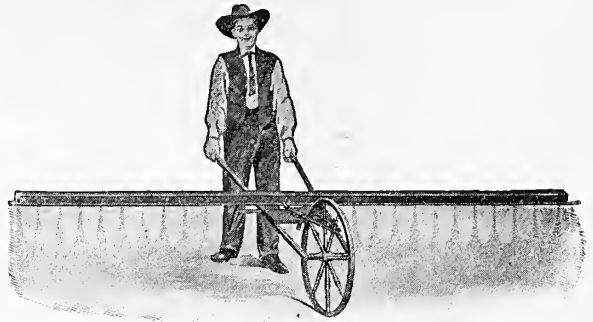


All Enterprise Choppers thoroughly tinned

| | | | |
|--------|------------|-----------|-----------------------|
| No. 5. | With Clamp | (6 lbs.) | Our net price, \$3.00 |
| " 10. | " | (10 lbs.) | 4.75 |
| " 20. | " | (18 lbs.) | 9.25 |
| " 12. | Legs | (11 lbs.) | 4.25 |
| " 22. | " | (15 lbs.) | 7.25 |
| " 32. | " | (20 lbs.) | 9.50 |

Descriptive catalogue of Enterprise goods mailed on application.

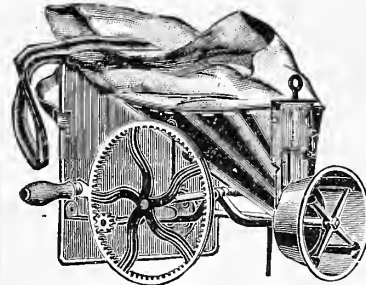
Thompson Grass Seeder



This seeder is arranged to sow all chaffy seeds such as red top, orchard grass and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground, the sowing is not affected by the wind.

No. 5 Seeder, complete, with 14-ft. hopper. Our net price, each \$9.00
 No. 4 Grain Hopper only, to use instead of regular Hopper. Our net price, each 5.00

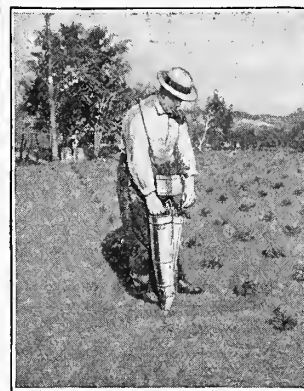
The Cahoon Broadcast Seed Sower



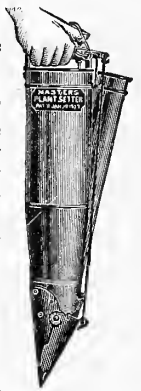
For sowing Grass Seed and all kinds of Grain from 4 to 8 acres per hour. At common walking gait will throw wheat 40 feet.

The acknowledged superiority of these machines has placed them in the front rank of labor-saving agricultural implements. A saving of four-fifths of the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. They are warranted to give perfect satisfaction and to save their cost in less time than any other farm implement, and with ordinary care will last many years. Our net price, each (8 lbs.) \$4.00

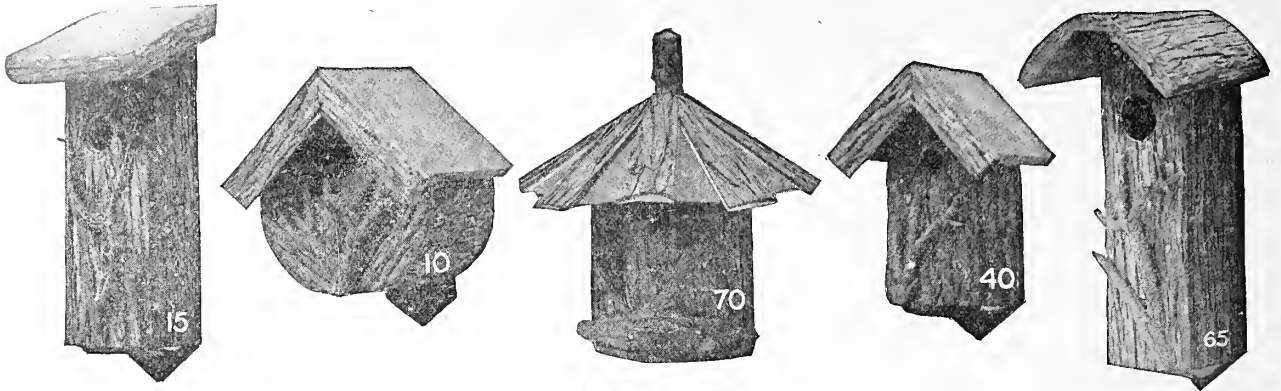
Masters Rapid Plant Setter



Here it is. The tool that truck growers have wanted for years. The MASTERS RAPID PLANT SETTER is the ideal tool for transplanting Cabbage, Tobacco, Sweet Potato, Cauliflower, Tomato, Strawberry, and all similar plants. Each plant is put into the ground just the right depth, set, watered and covered



in one operation. NO STOOPING AND NO LAME BACKS. Saves labor, does perfect work and more than three times as fast as can be done by hand. Will set plants in dryest weather and get a perfect stand. Thousands in use. No up to date Grower can afford to be without one. Satisfaction guaranteed or your money back. Net Price, Each, \$5.50

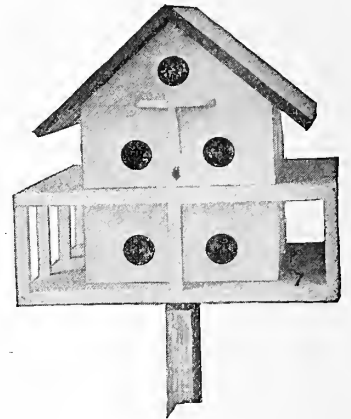


**DORSETT'S
RUSTIC BIRD HOUSES**

Dorsett's bird houses are a quality product, both in workmanship and selection of material. They are made from New Jersey swamp cedar, and are the proper size to meet the requirements of the birds mentioned, as these houses have all been tried out, and the manufacturer has had many years experience with birds that inhabit houses.

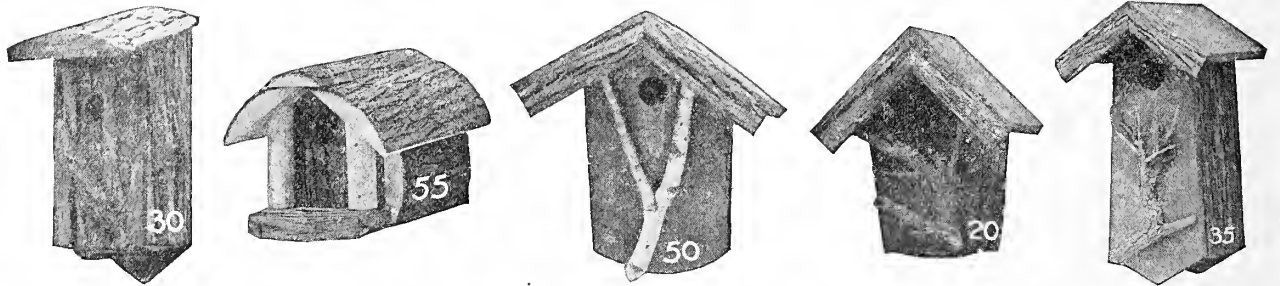


| | | | |
|---------|-------------|---|---------------------|
| No. 10. | Wren | . | Price, each, \$1.25 |
| " 15. | Bluebird | . | " 1.25 |
| " 20. | Wren | . | " 1.00 |
| " 40. | Wren | . | " 1.00 |
| " 55. | Bluebird | . | " 1.25 |
| " 30. | Small Birds | . | " 1.00 |
| " 35. | Woodpecker | . | " 1.25 |
| " 65. | Flicker | . | " 2.50 |
| " 50. | Wren | . | " 1.25 |
| " 70. | Swinging | . | " 1.50 |



MARTIN HOUSES

| | | | |
|--------|--------|---|---------------------|
| No. 5. | 6 Room | . | Price, each, \$5.00 |
| " 6. | 10 " | . | " 8.00 |
| " 7. | 14 " | . | " 10.50 |

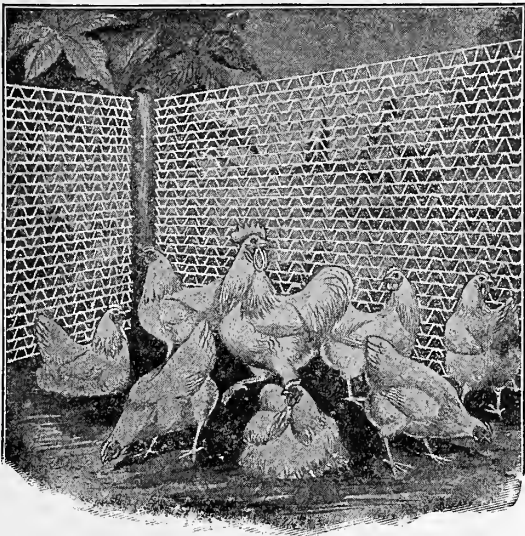


BERLEPSCH BIRD HOUSES

The Berlepsch houses are made of such woods as Hemlock, Oak, Ash, Bass Wood, Black Cherry, White Birch, and Yellow Birch, each with the natural bark adhering. Each house has attached to it at the back a hardwood batten, by which it may be fastened to the trunk of a tree, post, or side of a building. No pains are spared to make each individual bird home a perfect specimen of the type; the cavity in the log is practically a facsimile of the natural burrow of a bird, widening out as it descends and curving in again to a rounded point at the bottom.

| | | | |
|--|--|---|---------------------|
| Size No. 1. | For House Wrens | . | Price, each, \$1.10 |
| " 2. | For Nuthatches, Chickadees, etc. | . | " 1.20 |
| " 3. | For Bluebirds, Downy Woodpeckers, etc. | . | " 1.35 |
| " 4. | For Flickers, Screech Owls, etc. | . | " 1.50 |
| " 5. | For Pileated Woodpeckers, etc. | . | " 1.75 |
| " 6. | For Wood Ducks, Barn Owls, etc. | . | " 2.50 |
| Audubon Food House, complete with pole | . | . | " 10.00 |
| Weathercock Food House, complete with pole | . | . | " 8.00 |

United States Poultry Fence



The United States Poultry Fence is galvanized after weaving and will not rust as Fencing galvanized before weaving.

The United States Poultry Fence has proven best by test. It has long since established its superiority over other makes, and is in a class by itself. It is built to withstand use and abuse and is guaranteed to give satisfaction.

The United States Poultry Fence is strictly a "No-Sag" poultry fence, as the combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. These features place it a long stride beyond the Hex Mesh Netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging.

Our Net Price Per Bale.

No. 19. Wire Poultry Fence, 2-inch Mesh

| | | | |
|-----------------------|--------|-----------------------|--------|
| 12 in. high, per bale | \$2.48 | 42 in. high, per bale | \$7.22 |
| 18 " " " | 3.56 | 48 " " " | 8.25 |
| 24 " " " | 4.54 | 54 " " " | ... |
| 30 " " " | 5.42 | 60 " " " | 10.32 |
| 36 " " " | 6.19 | 72 " " " | 12.38 |

No. 19. Wire Chicken Fence, 1-inch Mesh

| | | | |
|-----------------------|--------|-----------------------|---------|
| 12 in. high, per bale | \$4.95 | 42 in. high, per bale | \$14.44 |
| 18 " " " | 7.12 | 48 " " " | 16.50 |
| 24 " " " | 9.08 | 54 " " " | ... |
| 30 " " " | 10.83 | 60 " " " | 20.63 |
| 36 " " " | 12.38 | 72 " " " | 24.75 |

Silver Finish "Hex" Poultry Netting

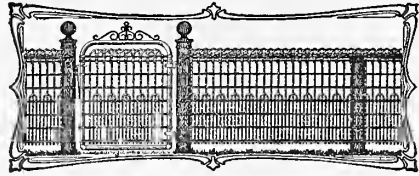
| | | | | |
|--------------------------|----------|--------|--------|--------|
| Width of bale | | 12 in. | 18 in. | 24 in. |
| No. 19 wire, 2-in. mesh. | Per bale | \$2.48 | \$3.56 | \$4.54 |
| No. 19 " 1-in. " | " | 6.30 | 9.06 | 11.55 |
| No. 20 " 2-in. " | " | 2.14 | 3.08 | 3.92 |
| No. 20 " 1-in. " | " | 4.95 | 7.12 | 9.08 |
| Width of bale | | 30 in. | 36 in. | 42 in. |
| No. 19 wire, 2-in. mesh. | Per bale | 5.42 | 6.19 | 7.22 |
| No. 19 " 1-in. " | " | 13.79 | 15.75 | 18.38 |
| No. 20 " 2-in. " | " | 4.68 | 5.35 | 6.24 |
| No. 20 " 1-in. " | " | 10.83 | 12.38 | 14.44 |
| Width of bale | | 48 in. | 60 in. | 72 in. |
| No. 19 wire, 2-in. mesh. | Per bale | 8.25 | 10.32 | 12.38 |
| No. 19 " 1-in. " | " | 21.00 | 26.75 | 31.50 |
| No. 20 " 2-in. " | " | 7.13 | 8.91 | 10.69 |
| No. 20 " 1-in. " | " | 16.50 | 20.63 | 24.25 |

Wire Fencing

| | | |
|---------------------------------|-------------------|--------|
| Barb Wire (about 15 ft. to lb.) | Net price per lb. | \$0.08 |
| Twisted " (about 16 ft. to lb.) | " | .08 |
| Ribbon " (about 10 ft. to lb.) | " | .15 |
| Staples for attaching above | " | .10 |

Best Quality Galvanized Steel Wire.

Cyclone Sanitary Yard Fencing



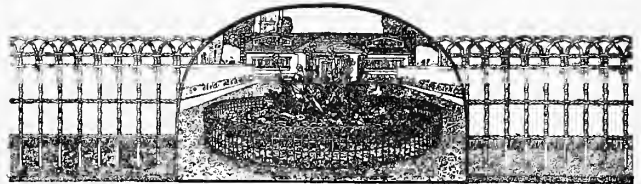
Style "F" Fabric is without question the neatest, strongest and most pleasing design yet conceived for ornamental fencing. It will not rot nor burn and being heavily galvanized requires no paint. Note also the sharp corrugation at the bottom of each picket—this effectually prevents the lower cable from being displaced. At the top, pickets of No. 9 wire are spaced 2 1/4 inches apart, and woven into a double cable, giving extra strength where the greatest wear comes; an extra picket of the same size interwoven in the lower half, gives a spacing of but 1 1/4 inches at the bottom, making it perfectly chicken proof.

Style "F" Fence

| | | |
|---|----------|--------|
| 36-inch. Style "F" Fabric (illustrated) | Per foot | \$0.22 |
| 42 " " " " " " " " " " " " | " | .24 |
| 48 " " " " " " " " " " " " | " | .28 |
| 3-foot Ornamental Gate to match | | 4.80 |

Pickets 1 1/8 in. apart at bottom.

Cyclone Flower Bed Border



Fits any shape or size of flower bed. Bottoms are left straight to project in the ground. Taken up in the winter and used from year to year.

| | | | | | |
|----------------|---------|--------|----------------|---------|--------|
| 16 inches high | Per ft. | \$0.11 | 22 inches high | Per ft. | \$0.13 |
|----------------|---------|--------|----------------|---------|--------|

Cyclone Single Trellis

Just the thing for climbing vines and flowers. Cut to any length; suitable for any porch or yard.

| | | | | | |
|----------------|---------|--------|----------------|---------|--------|
| 18 inches wide | Per ft. | \$0.08 | 24 inches wide | Per ft. | \$0.10 |
|----------------|---------|--------|----------------|---------|--------|

Cyclone Tree Guards

| | | |
|---------------------------------------|------|--------|
| 72 inches high x 9 inches in diameter | Each | \$1.50 |
|---------------------------------------|------|--------|

Descriptive Catalogues mailed on application.

Breck's Water Glass

Fresh Eggs in Winter at Summer Prices.

Of the various methods devised for preserving fresh eggs, only two have proved successful, viz.: Cold storage with a temperature of 34, or the Water Glass Method, the latter being the only practical one for family use.

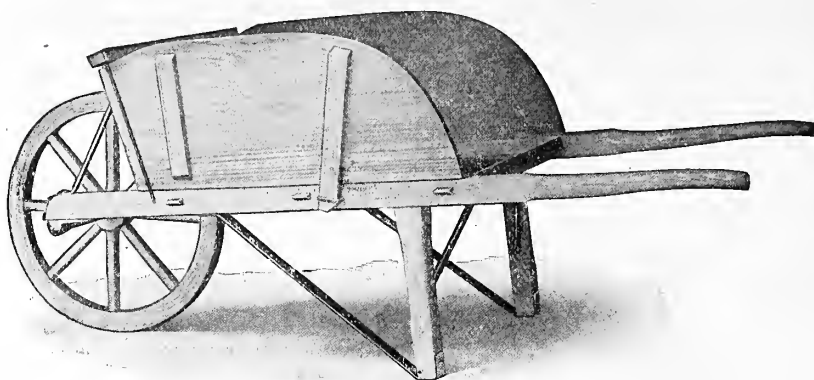
Water Glass is recommended by the U. S. Department of Agriculture as being one of the best preservatives, having no chemical action whatever. It simply seals the pores of the shells, keeping the contents of the egg in the same condition as when put into the solution.

If directions are followed, fresh eggs will keep perfectly for a year or longer. Use only *Fresh Eggs*.

DIRECTIONS.—Use only clean, watertight glass or earthen receptacles, stone earthenware being preferable. To one quart Water Glass, add enough water to make ten quarts of solution Stir or mix thoroughly. Dip each egg in this solution and pack in receptacle, small ends down. Cover eggs with solution to the depth of about two inches. Cover and set away in a cool cellar, out of the sunlight. Discard any eggs that float. If evaporation takes place, add water, but do not disturb or stir the fluid. A five-gallon stone jar with cover would hold fifteen dozen eggs, requiring one-half a gallon diluted, as above, to cover same. Do not use metal receptacles.

| | | | |
|---------------|-------------------|-------------|--------|
| Our Net Price | Subject to change | Per gallon, | \$1.00 |
|---------------|-------------------|-------------|--------|

WHEELBARROWS



Breck's Special Garden Barrows

This "Special" is very much stronger and more durable than the ordinary Garden Barrow. Made in one size only. "Special" Steel axle, wood wheel . . . Net Price, \$7.50

Breck's "Eureka" Garden Barrows

No. 3 Small "Boys' Size" . . . Net price, \$6.50
 " 4 Medium "Garden Size" . . . " " 6.75
 " 5 Large "Farm Size" . . . " " 7.00

Lawn or Stable Barrow

Very large, for Leaves, Manure, etc. . . Net Price, \$12.00

Canal or Dump Barrows

Wood Tray, Steel Wheel . . . Net Price, \$4.40
 " " Wood " . . . " " 4.10
 Steel " Steel " . . . " " 6.75

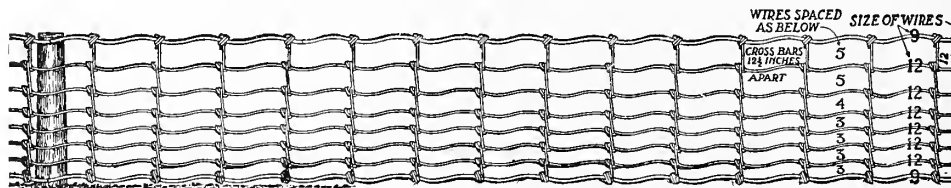
Cement or Dirt Barrows

Steel Tray (capacity 4 cu. ft.) . . . Net Price, \$10.75

Steel Coal Barrows

No. 6 Capacity 225 lbs. Coal . . . Net Price, \$24.75
 " 7 " 300 " " . . . " " 29.75
 " 8 " 450 " " . . . " " 33.00

Page Woven Wire Fence



The points of superiority in the Page Woven Wire Fence are: stronger, springier wire; extra heavy galvanizing; and the most practical construction.

| | Our Net Price Per Rod |
|---|-----------------------|
| 8 Bar 26-inch L Hog | \$0.74 |
| Spacing: 3, 3, 3, 3, 4, 5, 6. | |
| 9 Bar 33-inch L Hog | .83 |
| Spacing: 3, 3, 3, 4, 4, 5, 5, 6. | |
| 9 Bar 42-inch L Sheep | .87 |
| Spacing: 3, 4, 4, 5, 5, 6, 7, 8. | |
| 10 Bar 36-inch L Division | .91 |
| Spacing: 3, 3, 3, 3, 4, 4, 5, 5, 6. | |
| 8 Bar 45-inch R Dairy | 1.00 |
| Spacing: 4, 5, 6, 7, 7, 8, 8. | |
| 9 Bar 49-inch R Dairy loop top | 1.10 |
| Spacing: 4, 4, 5, 6, 7, 7, 8, 8. | |
| 11 Bar 48-inch R Lawn loop top | 1.25 |
| Spacing: 3, 3, 3, 4, 4, 5, 5, 6, 7, 8. | |
| 10 Bar 52-inch L Stock loop top | .98 |
| Spacing: 3, 3, 3, 3, 4, 4, 5, 5, 6, 7, 8. | |
| 12 Bar 58-inch R Standard Farm loop top | 1.38 |
| Spacing: 3, 3, 3, 4, 4, 4, 5, 6, 7, 8. | |
| 13 Bar 58-inch R Heavy Farm loop top | 1.44 |
| Spacing: 3, 3, 3, 3, 4, 4, 4, 5, 6, 7, 8, 8. | |

| | Our Net Price Per Rod |
|---|-----------------------|
| 16 Bar 48-inch I Garden loop top | \$1.56 |
| Spacing: 2, 2, 2, 2, 2, 3, 3, 3, 3, 4, 4, 4, 5, 6. | |
| 20 Bar 58-inch I Lawn loop top | 1.90 |
| Spacing: 2, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 5, 6. | |
| 22 Bar 72-inch I Paddock | 2.25 |
| Spacing: 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 5, 6, 6. | |
| 25 Bar 88-inch I Park | 2.75 |
| Spacing: 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 5, 5, 5, 5. | |
| 17 Bar 36-inch F Poultry | 1.00 |
| Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3. | |
| 20 Bar 48-inch F Poultry | 1.18 |
| Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 4, 4, 4. | |
| 22 Bar 58-inch F Poultry | 1.30 |
| Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 5, 5. | |
| 24 Bar 70-inch F Poultry | 1.44 |
| Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 5, 5, 6, 6. | |

Also, Page Wrought Iron Fence (40 styles).
 Gates and Crown Lawn Fence.
 Catalogue on application

OUR CATALOGUE OF AGRICULTURAL HARDWARE, IMPLEMENTS, MACHINES, DAIRY SUPPLIES, WOODENWARE, ETC., Is one of the most complete and best illustrated published in the United States. It is the result of our experience in this business covering a period of nearly a century. Heavy farm machinery and other lines not shown in this annual seed catalogue are fully described and priced.

A copy will be mailed on application

Free Delivery and General Instructions for Orders and Shipments



HERE orders are accompanied by Cash, we Deliver Free to any Post Office, Railroad, Express Office or Freight Station at our Expense, except where otherwise noted.

Vegetable and Flower Seeds at the package, ounce, ¼-pound, ½-pound and 1-pound prices. Excepting Peas, Beans, Corn and other items noted below.

Bulbs at the single and dozen rates.

Books and other publications.

Seeds in bulk, plants, nursery stock, fertilizers, Insecticides, horticultural sundries and agricultural hardware forwarded by Parcel Post, express or freight, as purchaser may direct; or in the event of there being given no shipping instructions, we will use our judgment and endeavor to ship in a way that will best protect our customer's interests.

After taking receipt for goods in good order from transportation company, our responsibility ceases.

We would impress on our friends the importance of sending us their orders early. Please do not wait until Spring, when we are so rushed that there is sometimes an unavoidable delay in filling orders. Use the order sheet which we send you with this catalog and give us, written plainly, your name, post office address and shipping instructions.

We recommend that all plants and nursery stock be shipped by express; all such orders will be forwarded direct from our Nursery, the Breck-Robinson Nursery Co., Munroe Station, Lexington, Mass., and at our customer's expense, unless special arrangements are made regarding delivery at time order is placed.

PACKING.—We make no charge for boxes or packing on orders at catalog prices. We charge for cotton bags as follows: 2 bushels, 65c. each; 1 bushel, 25c. each; ½ bushel, 20c. each; ¼ bushel, 12c. each; ⅛ bushel, 10c. each. On flower pots and other fragile articles, packages will be charged extra at cost.

PRICES.—Our prices are as low as those of any reliable dealer on the same quality of goods. For large orders, or on orders for export, we will be pleased to quote special prices.

SHIPMENTS BY PARCEL POST.—Seeds in packages and in bulk, bulbs and the majority of the articles shown in the Horticultural, Sundry, Insecticide and Hardware Sections of our catalog, can be delivered at your door or post office by Parcel Post. To enable our customers to estimate the amount which they should remit to cover Parcel Post charges, we give herewith a table of Parcel Post rates and condensed instructions in regard to Parcel Post shipments.

TABLE OF PARCEL POST RATES

Rates of postage on Fourth Class or Parcel Post matter— to be fully prepaid—unsealed—are as follows:

(a). Parcels weighing four ounces or less, except books, seeds, plants, etc., one cent for each ounce or fraction thereof, any distance.

(b). Parcels weighing eight ounces or less, containing books, seeds, cuttings, bulbs, roots, scions and plants, one cent for each two ounces or fraction thereof, regardless of distance.

(c). Parcels weighing more than eight ounces, containing books, seeds, plants, etc., parcels of miscellaneous printed matter weighing more than four pounds, and all other parcels of fourth-class matter weighing more than four ounces are chargeable according to distance zone, at the pound rates shown in the accompanying table, a fraction of a pound being considered a full pound.

Limit of Size.—Parcel Post matter may not exceed 72 inches in length and girth combined. In measuring a parcel the greatest distance in a straight line between the ends (but not around the parcel) is taken as its length, while the distance around the parcel at its thickest part is taken as its girth. For example, a parcel 35 inches long, 10 inches wide, and 5 inches high measures 65 inches in length and girth combined.

(Extract from Circular 111, Post Office Department)

TELEPHONE

RICHMOND 2360

Private Branch Exchange Connecting All Departments.

J. W. Breck-Robinson
(CORPORATION.)

BOSTON, MASS.

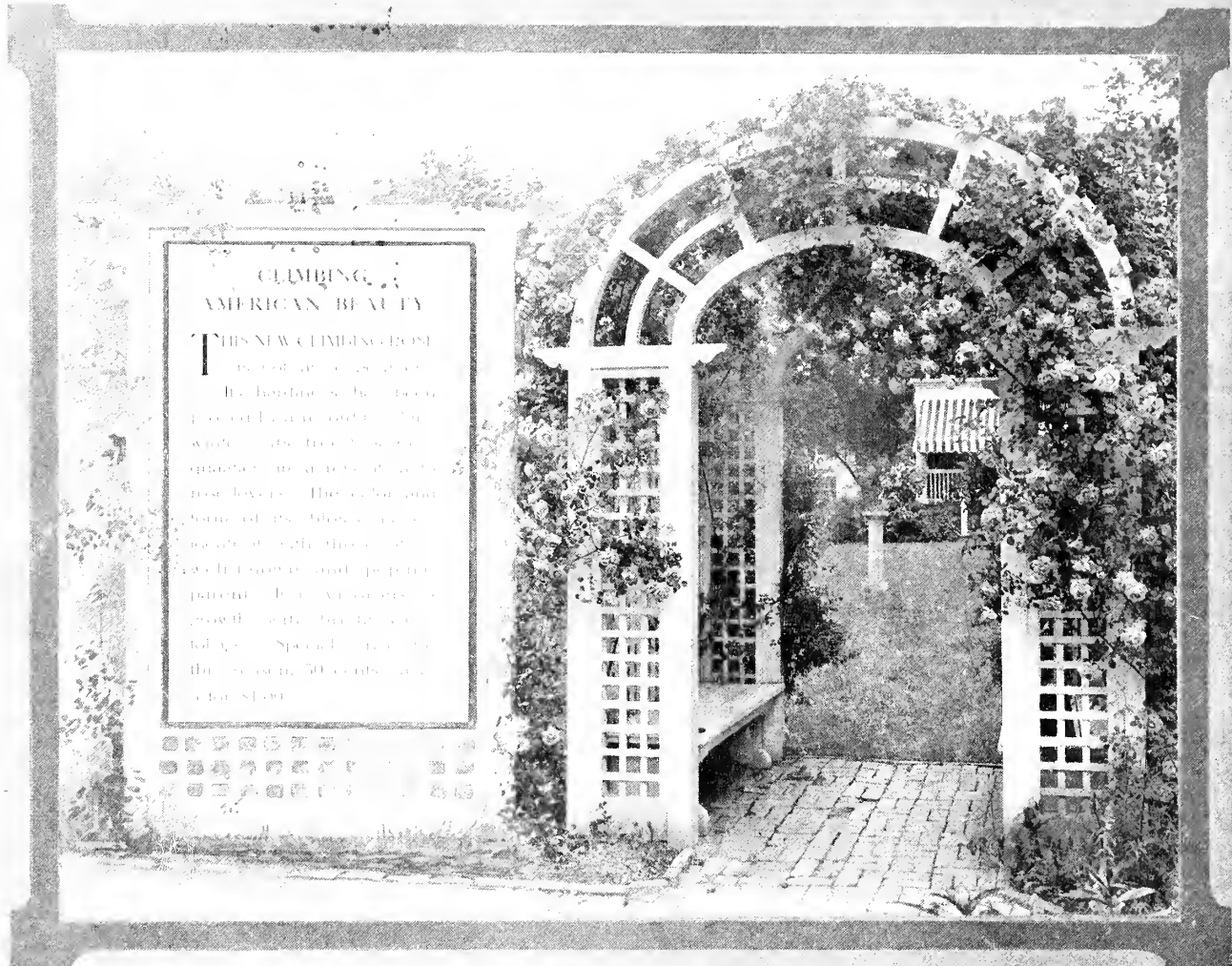
Our Store, opposite North side of Faneuil Hall, is only a minute's walk from Adams Square Subway Station

| Weight Lbs. | ZONES | | | | | | | |
|-------------|--------|---------|--------|--------|--------|--------|--------|--------|
| | Local | 1st-2nd | 3rd | 4th | 5th | 6th | 7th | 8th |
| 1 | \$0.05 | \$0.05 | \$0.06 | \$0.07 | \$0.08 | \$0.09 | \$0.11 | \$0.12 |
| 2 | .06 | .06 | .08 | .11 | .14 | .17 | .21 | .24 |
| 3 | .06 | .07 | .10 | .15 | .20 | .25 | .31 | .36 |
| 4 | .07 | .08 | .12 | .19 | .26 | .33 | .41 | .48 |
| 5 | .07 | .09 | .14 | .23 | .32 | .41 | .51 | .60 |
| 6 | .08 | .10 | .16 | .27 | .38 | .49 | .61 | .72 |
| 7 | .08 | .11 | .18 | .31 | .44 | .57 | .71 | .84 |
| 8 | .09 | .12 | .20 | .35 | .50 | .65 | .81 | .96 |
| 9 | .09 | .13 | .22 | .39 | .56 | .73 | .91 | 1.08 |
| 10 | .10 | .14 | .24 | .43 | .62 | .81 | 1.01 | 1.20 |
| 11 | .10 | .15 | .26 | .47 | .68 | .89 | 1.11 | 1.32 |
| 12 | .11 | .16 | .28 | .51 | .74 | .97 | 1.21 | 1.44 |
| 13 | .11 | .17 | .30 | .55 | .80 | 1.05 | 1.31 | 1.56 |
| 14 | .12 | .18 | .32 | .59 | .86 | 1.13 | 1.41 | 1.68 |
| 15 | .12 | .19 | .34 | .63 | .92 | 1.21 | 1.51 | 1.80 |
| 16 | .13 | .20 | .36 | .67 | .98 | 1.29 | 1.61 | 1.92 |
| 17 | .13 | .21 | .38 | .71 | 1.04 | 1.37 | 1.71 | 2.04 |
| 18 | .14 | .22 | .40 | .75 | 1.10 | 1.45 | 1.81 | 2.16 |
| 19 | .14 | .23 | .42 | .79 | 1.16 | 1.53 | 1.91 | 2.28 |
| 20 | .15 | .24 | .44 | .83 | 1.22 | 1.61 | 2.01 | 2.40 |
| 21 | .15 | .25 | .46 | .87 | 1.28 | 1.69 | 2.11 | 2.52 |
| 22 | .16 | .26 | .48 | .91 | 1.34 | 1.77 | 2.21 | 2.64 |
| 23 | .16 | .27 | .50 | .95 | 1.40 | 1.85 | 2.31 | 2.76 |
| 24 | .17 | .28 | .52 | .99 | 1.46 | 1.93 | 2.41 | 2.88 |
| 25 | .17 | .29 | .54 | 1.03 | 1.52 | 2.01 | 2.51 | 3.00 |
| 26 | .18 | .30 | .56 | 1.07 | 1.58 | 2.09 | 2.61 | 3.12 |
| 27 | .18 | .31 | .58 | 1.11 | 1.64 | 2.17 | 2.71 | 3.24 |
| 28 | .19 | .32 | .60 | 1.15 | 1.70 | 2.25 | 2.81 | 3.36 |
| 29 | .19 | .33 | .62 | 1.19 | 1.76 | 2.33 | 2.91 | 3.48 |
| 30 | .20 | .34 | .64 | 1.23 | 1.82 | 2.41 | 3.01 | 3.60 |
| 31 | .20 | .35 | .66 | 1.27 | 1.88 | 2.49 | 3.11 | 3.72 |
| 32 | .21 | .36 | .68 | 1.31 | 1.94 | 2.57 | 3.21 | 3.84 |
| 33 | .21 | .37 | .70 | 1.35 | 2.00 | 2.65 | 3.31 | 3.96 |
| 34 | .22 | .38 | .72 | 1.39 | 2.06 | 2.73 | 3.41 | 4.08 |
| 35 | .22 | .39 | .74 | 1.43 | 2.12 | 2.81 | 3.51 | 4.20 |
| 36 | .23 | .40 | .76 | 1.47 | 2.18 | 2.89 | 3.61 | 4.32 |
| 37 | .23 | .41 | .78 | 1.51 | 2.24 | 2.97 | 3.71 | 4.44 |
| 38 | .24 | .42 | .80 | 1.55 | 2.30 | 3.05 | 3.81 | 4.56 |
| 39 | .24 | .43 | .82 | 1.59 | 2.36 | 3.13 | 3.91 | 4.68 |
| 40 | .25 | .44 | .84 | 1.63 | 2.42 | 3.21 | 4.01 | 4.80 |
| 41 | .25 | .45 | .86 | 1.67 | 2.48 | 3.29 | 4.11 | 4.92 |
| 42 | .26 | .46 | .88 | 1.71 | 2.54 | 3.37 | 4.21 | 5.04 |
| 43 | .26 | .47 | .90 | 1.75 | 2.60 | 3.45 | 4.31 | 5.16 |
| 44 | .27 | .48 | .92 | 1.79 | 2.66 | 3.53 | 4.41 | 5.28 |
| 45 | .27 | .49 | .94 | 1.83 | 2.72 | 3.61 | 4.51 | 5.40 |
| 46 | .28 | .50 | .96 | 1.87 | 2.78 | 3.69 | 4.61 | 5.52 |
| 47 | .28 | .51 | .98 | 1.91 | 2.84 | 3.77 | 4.71 | 5.64 |
| 48 | .29 | .52 | 1.00 | 1.95 | 2.90 | 3.85 | 4.81 | 5.76 |
| 49 | .29 | .53 | 1.02 | 1.99 | 2.96 | 3.93 | 4.91 | 5.88 |
| 50 | .30 | .54 | 1.04 | 2.03 | 3.02 | 4.01 | 5.01 | 6.00 |
| 51 | .30 | .55 | 1.06 | 2.07 | 3.08 | 4.09 | 5.11 | 6.12 |
| 52 | .31 | .56 | 1.08 | 2.11 | 3.14 | 4.17 | 5.21 | 6.24 |
| 53 | .31 | .57 | 1.10 | 2.15 | 3.20 | 4.25 | 5.31 | 6.36 |
| 54 | .32 | .58 | 1.12 | 2.19 | 3.26 | 4.33 | 5.41 | 6.48 |
| 55 | .32 | .59 | 1.14 | 2.23 | 3.32 | 4.41 | 5.51 | 6.60 |
| 56 | .33 | .60 | 1.16 | 2.27 | 3.38 | 4.49 | 5.61 | 6.72 |
| 57 | .33 | .61 | 1.18 | 2.31 | 3.44 | 4.57 | 5.71 | 6.84 |
| 58 | .34 | .62 | 1.20 | 2.35 | 3.50 | 4.65 | 5.81 | 6.96 |
| 59 | .34 | .63 | 1.22 | 2.39 | 3.56 | 4.73 | 5.91 | 7.08 |
| 60 | .35 | .64 | 1.24 | 2.43 | 3.62 | 4.81 | 6.01 | 7.20 |
| 61 | .35 | .65 | 1.26 | 2.47 | 3.68 | 4.89 | 6.11 | 7.32 |
| 62 | .36 | .66 | 1.28 | 2.51 | 3.74 | 4.97 | 6.21 | 7.44 |
| 63 | .36 | .67 | 1.30 | 2.55 | 3.80 | 5.05 | 6.31 | 7.56 |
| 64 | .37 | .68 | 1.32 | 2.59 | 3.86 | 5.13 | 6.41 | 7.68 |
| 65 | .37 | .69 | 1.34 | 2.63 | 3.92 | 5.21 | 6.51 | 7.80 |
| 66 | .38 | .70 | 1.36 | 2.67 | 3.98 | 5.29 | 6.61 | 7.92 |
| 67 | .38 | .71 | 1.38 | 2.71 | 4.04 | 5.37 | 6.71 | 8.04 |
| 68 | .39 | .72 | 1.40 | 2.75 | 4.10 | 5.45 | 6.81 | 8.16 |
| 69 | .39 | .73 | 1.42 | 2.79 | 4.16 | 5.53 | 6.91 | 8.28 |
| 70 | .40 | .74 | 1.44 | 2.83 | 4.22 | 5.61 | 7.01 | 8.40 |

ZONE MILEAGE

| | |
|----------|----------------------|
| 1st Zone | 1 to 50 miles |
| 2nd " | 50 to 150 " |
| 3rd " | 150 to 300 " |
| 4th " | 300 to 600 " |
| 5th " | 600 to 1000 " |
| 6th " | 1000 to 1400 " |
| 7th " | 1400 to 1800 " |
| 8th " | Above 1800 " |

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