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U. S. DEPARTMENT OF AGRICULTURE  
DIVISION OF  
FEB 2 1899  
BOTANY  
SEED LABORATORY



# Breck's

SEED  
CATALOGUE  
1899

# • CARD •

*A year ago we called attention to the unprecedented crops and agricultural prosperity of '97 and predicted a general improvement of business based thereon.*

*We little thought then that a war destined to banish Spanish rule from the Western hemisphere was so near at hand or that those crops, and the improved conditions largely resultant from them, would give us an overwhelming prestige in the conflict.*

*Business received a severe check, as war became imminent, but confidence was soon restored and the year as a whole proved very satisfactory to us.*

*The conclusion of peace, another record-breaking crop, and generally favorable conditions have inaugurated a season of remarkable prosperity, that, already enjoyed throughout the West and South, is spreading this way and we believe the year of 1899 will be a very busy and, we trust, profitable one for all in the East as well.*

*Having outgrown our store-house on Clinton Street, we have secured one of nearly double its capacity (seven floors, 25 x 125) on State Street, which will greatly facilitate business.*

*Much thought and labor has been expended in bringing our '99 Annual up to date, especially in the Flower Seed Department.*

*The use of Incubators, Brooders and Poultry Supplies generally is increasing so rapidly and we have become such a factor in their distribution that we feel it incumbent on us to especially mention this Department.*

*Our "Golden Roll of Honor," "We Double It," "Bureau of Registry and Information," "Department of Landscape Architecture," and other features so popular with our patrons and as usual we shall endeavor by promoting the interests of our customers in every way to merit a continuance of their favors.*

*Entrance at the "Big Clock,"  
51 and 52 North Market St.,  
also entrances at 46 Merchants Row and 21 1-2 North Street.*

BOSTON, MASS.

*J. W. Brooker & Sons*  
CORPORATION

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ROCKY FORD MELON.

See Special Offers on third page of cover.

**TIP TOP MUSK MELON.**

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**NEW DWARF TELEPHONE PEA.**

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PANICUM CRUS GALLI.

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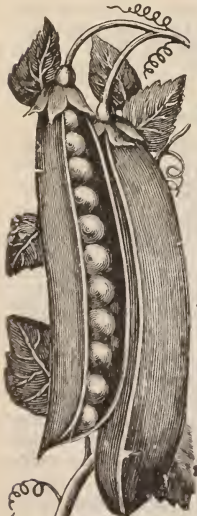
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NEW DWARF TELEPHONE PEA.

**JOSEPH POTATO.**

The New England Farmer says regarding this variety, which was included in the potato test it conducted season of 1897:—"We recommend every farmer to plant some

See Special Offers on third page of Cover.



'Joseph,' it produced with us a larger crop of even sized, marketable potatoes than any other." It is a main crop sort, of large, oblong form, very smooth and fine flavored. Pk., 60 cts.; bush., \$1.75; bbl., \$4.00.

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This differs from the type only in color, size and earliness. The shell is a bright orange red, the flesh is of extra quality and somewhat deeper in color than the olive green variety. The size is a trifle smaller, but the habit is decidedly earlier. Pkt., 5 cts.; oz., 10 cts.; lb., 80 cts.

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Owing to the attractive appearance and heavy cropping qualities of this variety, it is a favorite with market gardeners. It differs from the Smooth Hubbard in that it grows to a much larger size and the shell is covered with warty knobs. Pkt., 5 cts.; oz., 10 cts.; lb., 75 cts.

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This differs from all other tomatoes in its peculiar habit of ripening and in the firmness of the fruit. The plants are of vigorous habit although the foliage is of a greenish yellow color. If the fruit is picked in the middle stage of ripening it is the longest keeper of any, hence very valuable for long distance shipping. The skin is crack-proof. The flesh when fully ripe tender and melting and of delicate flavor. The color of the fruit when ripe is bright red, but before reaching this stage it is first green, then waxy white, changing to lemon and later to red. It is adapted both for home use and marketing. Pkt., 5 cts.; oz., 30 cts.

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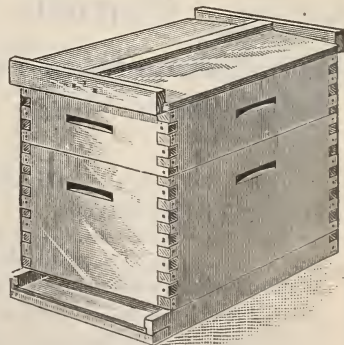
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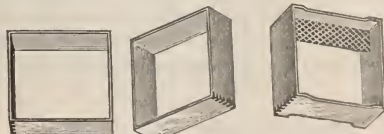
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**SECTION HONEY-BOXES.**

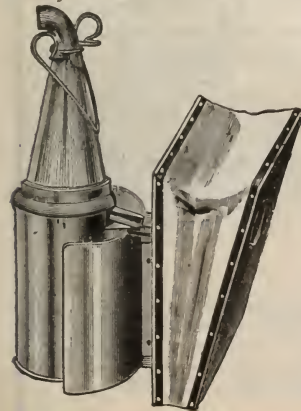
Section Boxes, each, 1ct.; per 100, 75 cts.; per 250, \$1.10; per 500, \$1.75. Our No. 1 sections are made of the choicest white basswood lumber, and are all perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows off to best advantage in a section not too white, as it is the honey rather than the wood that the consumer looks at.

**BINGHAM SMOKER.**

This is strong, well made, does not clog up, and burns any fuel. It has recently been improved by the addition of a curved snout to prevent fire dropping, and a safety attachment to prevent burning the fingers in removing the hot cone for replenishing. They have wide shields; have wire handle to cone, and inverted bellows. We carry but two of the many kinds and sizes manufactured, as our experience has shown them to be the most desirable. Conqueror, 3 in., each 75 cts, by mail, \$1.00; Large, 2½ in., each 70 cts., by mail, 90 cts.



SECTION HONEY-BOXES.



BINGHAM SMOKER.

Bee Supplies not included in special offers on third page of cover. We shall be pleased to quote prices on Bee Supplies not listed above.

See Special Offers on third page of cover.

# — BRECK'S —

## Bureau of Registry and Information

SUPPLIES THROUGH ITS

### Horticultural and Agricultural Departments

APPROVED . . .

Gardeners,  
Farm Managers,  
Farm Hands,  
Coachmen,  
Grooms,  
Superintendents for Public  
Institutions,  
Men for General Work on  
Country Places, etc.

### Mercantile Department

APPROVED . . .

Bookkeepers,  
Cashiers,  
Stenographers,  
Salesmen,  
Clerks,  
Shippers,  
Entry Clerks,  
Porters,  
Watchmen,  
Janitors,  
Hotel Help,  
Boys, etc.

Help for Institutions and Hospitals.

AND THROUGH ITS

### Female Mercantile Department,

Supplies approved Female Bookkeepers, Cashiers, Stenographers,  
Saleswomen, Young Ladies for Office Work, Matrons, Nurses, etc.

When this Bureau was established in 1890 our purpose was to secure to employers a better class of help than they had been obtaining.

How well we have succeeded is shown by the rapid growth of this Department of our business, and the many voluntary statements received concerning its convenience and the high grade of employees furnished.

We mail free on application circulars descriptive of our Bureau, and blank forms whereon employers can state particulars necessary to guide us in selecting suitable employees.

Our Bureau of Registry and Information has certainly improved and elevated the service and we believe it will continue to do so, besides supplying a long-felt want.

We take this opportunity to thank our customers for the business given us and to assure them that our Bureau was never so well prepared to serve them as now; those who have not as yet patronized it are invited to do so, and give us an opportunity to practically demonstrate the benefits to be derived from its use.

Yours respectfully,

Entrance at the "Big Clock,"  
47 to 54 North Market St.

Also Entrances at 46 Merchants  
Row and 21½ North St.,  
BOSTON, MASS.

*J. W. Brecker Long*  
(CORPORATION)  
47 54  
NO. MARKET ST., BOSTON.



# VEGETABLES

## GENERAL LIST

.. OF ..

# STANDARD VARIETIES.

All grown from Pedigree Stocks. Vitality Guaranteed.

See our Guaranty, page 6.

Goods delivered in your town or city at prices quoted.

Special Offers on third page of Cover.

**O**URS is the largest business of the kind in New England, and, we believe, the third oldest as well as largest in the United States. We have been growers and dealers for seventy-five years. There are no better strains of Flower, Vegetable, or Field seeds obtainable than those offered by us; our long and varied experience and large connections, at home and abroad, together with the great volume of business, cause the leading producers the world over to prefer us rather than smaller dealers for the general distribution of their specialties. Our Golden Roll of Honor shows we are both able and willing to satisfactorily serve the gardening public, else we would not be privileged to have on our books the names of persons, as customers, for such periods of years. Their recommendations bring us new patrons. If our methods of doing business are unknown to you, some of your neighbors can tell you of them, and also of the quality of our seeds. Inquire, and if results warrant it, send us a trial order. We supply only tested seeds of varieties that experience has shown to be the best.

NOTE.—Prices may vary as the season advances. Ours will always be as low as the lowest for goods of equal quality.

### ARTICHOKE.

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

**CULTURE.**—Sow seed in April in drills 1 in. deep. Following spring transplant the young plants in rows 2 ft. plant to plant, 3 ft. between the rows. Mulch during dry weather. They prefer rich deep loam, and should be well manured every spring. One ounce of seed sows 30 ft. of drill.

**Large Green Globe**, grown for the unripe flower-heads, which are produced in abundance from May to August. Packet, 5 cents; ounce, 25 cents; lb., \$3.00.

**Jerusalem**, a species of Sunflower (*Helianthus Tuberosus*). 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. Quart, 20 cents; peck, \$1.00 net.



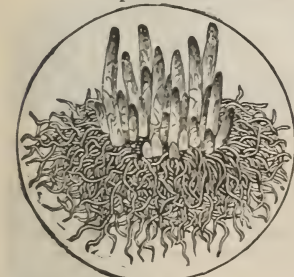
### ASPARAGUS.

German, *Spargel*.—French, *Asperge*.—Spanish, *Esbarragos*.

(For price on Asparagus Roots, see Vegetable Plants.)

An Asparagus bed may be made from one or two year old roots, planted in October, or during April and May. The bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly 2 ft. Plant the roots in rows 4 ft. apart, leaving about 12 in. between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction. Cover lightly at first, gradually filling the trenches as the plants grow.

Seed may be sown in April in drills 1 in. deep and 1 ft. apart. One ounce of seed sows 60 feet of drill.



Conover's Colossal, large and excellent	Pkt.	Ounce.	Lb.
Hub Asparagus, the best	.05	.10	.60
Moore's Giant	.10	.20	\$1.50
Palmetto	.05	.10	.75
		.20	1.00

(For Asparagus Plants, see under "Vegetable Plants.")

See Special Offers on third page of cover.

**BEANS — ENGLISH.**

Plant as early in spring as the ground can be worked. The rows should be three feet apart; set the seed in the rows six inches deep, four inches apart. As the pods get formed, top the plants, thereby preventing too much running to vine.

**Broad Windsor**, the best variety for general use. Packet, 10 cents; quart, 30 cents; peck, \$1.00 net.

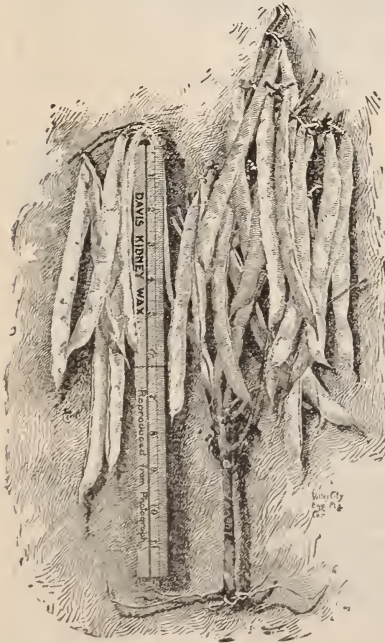
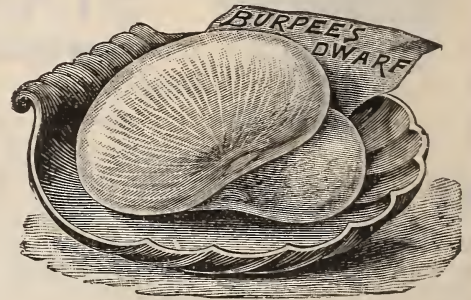
**BEANS — DWARF OR BUSH.**

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

To afford a regular succession of crops throughout the season, plant every two weeks, from the middle of spring to the end of summer; but not until the soil becomes warm, as they are very sensitive to cold. Plant in rows, eighteen inches apart, two inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods, when moist, will cause them to become damaged with rust. One quart will plant 100-foot drill.

**GREEN-PODDED VARIETIES.**

	Pkt.	Qt.	Pk.
<b>Breck's Dwarf Horticultural</b> , unexcelled	.10	.25	\$1.50
<b>Burlingame Medium</b> , a white field bean, in size between Marrow and Pea	.10	.20	1.00
<b>Burpee's Bush Lima</b> , a true bush form of the large Lima, of excellent quality	.10	.35	2.50
<b>Dreer's Bush Lima</b> , a bush form of the Dreer's Improved Lima, possessing all the good qualities of that sort	.10	.35	2.50
<b>Dwarf Horticultural</b> , one of the best shell beans	.10	.25	1.50
<b>Early China</b> , early and good	.10	.25	1.25
<b>Early Mohawk</b> , about the best early, quality excellent	.10	.25	1.25
<b>Henderson's Bush Lima</b> , a bush variety of the small Lima or Sieva	.10	.30	2.00
<b>Long Yellow Six Weeks</b> , an excellent general crop variety	.10	.25	1.50
<b>Low's Champion</b> , large, green, flat, stringless pods	.10	.25	1.50
<b>Prolific Tree Pea Bean</b> , the best for baking	.10	.20	1.00



Davis Kidney Wax.

	Pkt.	Qt.	Pk.
<b>Red Cranberry</b> , a stringless variety of great merit	.10	.25	\$1.50
<b>Red Kidney</b> , a standard field sort	.10	.25	1.25
<b>Red Valentine Improved</b> , desirable for private and market gardens	.10	.25	1.25
<b>Refugee or Thousand to One</b> , the best pickling bean	.10	.25	1.25
<b>Round Yellow Six Weeks or Yellow Cranberry</b> , good either as a string or shell bean	.10	.25	1.25
<b>Thorburn's Extra Early Market</b> , round fleshy pods, produced in clusters, productive	.10	.30	1.75
<b>Turtle Soup</b> , the small black bean used for soup	.10	.25	1.25
<b>Warren</b> , excellent either as a string or shell bean	.10	.25	1.50
<b>White Marrow</b> , used generally as a winter bean	.10	.20	1.00
<b>Yellow Eye Improved</b> , a desirable winter bean	.10	.20	1.00

**WAX-PODDED VARIETIES.**

	Pkt.	Qt.	Pk.
<b>Challenge Black Wax</b> , pods waxy-yellow, thick and tender	.10	.30	\$1.50
<b>Currie's Rust-Proof Wax</b> , nearly rustless, very productive	.10	.25	1.50
<b>Davis Kidney Wax</b> , the best white-seeded wax bean extant	.10	.25	1.50
<b>Golden-Eyed Wax</b> , almost rust-proof, quality good	.10	.25	1.50
<b>Jones' Round Pod</b> , a desirable white wax variety	.10	.35	1.75
<b>Lima Wax</b> , broad stringless pods, fine quality	.10	.35	1.75
<b>Prolific Black Wax</b> , the standard black-seeded variety	.10	.25	1.50
<b>Refugee Wax</b> , suitable for early or late planting	.10	.25	1.50
<b>Rust-Proof Golden Wax</b> , none more desirable	.10	.25	1.50
<b>Saddle-Back Wax</b> , very meaty and absolutely stringless	.10	.35	2.50
<b>Thorburn's Valentine Wax</b> , very early, fine quality, very prolific	.10	.25	1.50
<b>Wardwell's Kidney Wax</b> , productive and desirable	.10	.25	1.50
<b>White Wax</b> , very tender and delicious	.10	.35	1.75
<b>Yosemite Wax</b> , the pods are nearly all solid pulp	.15	.35	2.50

See Special Offers on third page of cover.

**BEANS—POLE OR RUNNING.**

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

It is desirable to make the planting of Pole Beans at least a week later than the first planting of the bush sorts, as they are more tender. Plant in hills 3 to four feet apart, putting four or five beans in a hill, and leaving space in the centre for the pole. A liberal quantity of well-composted manure in each hill is desirable.

**GREEN-PODDED VARIETIES.**

	Pkt.	Qt.	Pk.
<b>Brockton</b> , vigorous, productive, and fine quality . . . . .	.10	.30	\$1.75
<b>Carmine Podded Horticultural</b> , most desirable Horticultural bean for color, quality and productiveness . . . . .	.10	.30	2.00
<b>Concord</b> , or Parti-colored, excellent quality and very prolific . . . . .	.10	.30	1.75
<b>Dreer's Improved Lima</b> , early, large and fine quality . . . . .	.10	.30	1.75
<b>Horticultural Lima</b> , the best pole lima for New England . . . . .	.10	.30	1.75
<b>Horticultural</b> , the most popular pole bean, . . . . .	.10	.30	1.75
<b>Kentucky Wonder</b> , excellent green podded snap bean, very productive . . . . .	.10	.30	1.75
<b>Large White Lima</b> . This is considered the best quality of all pole beans . . . . .	.10	.30	1.75
<b>Lazy Wife's</b> , entirely stringless, green pods, fine flavor . . . . .	.10	.30	1.75
<b>Red Cranberry</b> , one of the earliest, quality unsurpassed . . . . .	.10	.30	1.75
<b>Scarlet Runner</b> , very ornamental flowers, early. An excellent string bean . . . . .	.10	.30	1.75
<b>Small Lima</b> , or Sieva, the earliest lima, small beans . . . . .	.10	.30	1.75
<b>White Case Knife</b> , early, productive, excellent flavor. Good green or dry . . . . .	.10	.30	1.75
<b>White Runners</b> , large white flowers. Good as a string bean . . . . .	.10	.30	1.75

**WAX-PODDED VARIETIES.**

	Pkt.	Qt.	Pk.
<b>Early Golden Cluster</b> , extra early, productive of good quality . . . . .	.10	.40	\$2.00
<b>Flageolet Wax</b> , long semi-transparent pods, follows Golden Butter . . . . .	.10	.40	2.00
<b>Giant Red</b> , an old-fashioned favorite yellow-podded sort . . . . .	.10	.40	2.00
<b>Indian Chief</b> , or <b>Black Wax</b> , the most popular wax pole bean . . . . .	.10	.35	1.75
<b>Mont d'Or</b> , or <b>Golden Butter</b> , earliest of the wax pole varieties. Excellent . . . . .	.10	.35	1.75

**BEET.**

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

Sow from April to middle of June, in deep rich sandy loam, one inch deep, in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up any vacant places with those taken out. The turnip rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens. One ounce will sow fifty feet of drill.



Dewing's Beet.

	Pkt.	Oz.	Lb
<b>Breck's Beats All</b> , superior in all respects to others as an early or main crop variety. . . . .	.05	.10	.75
<b>Columbia</b> , round and smooth, deep red flesh . . . . .	.05	.10	.60
<b>Crosby's Egyptian</b> , as early as the original type, but thicker, smoother, and of better quality . . . . .	.05	.10	1.00

<b>Dewing's Early Blood</b> , a standard variety of excellent quality . . . . .	.05	.10	.50
<b>Early Arlington</b> , early deep, round form, blood red color . . . . .	.05	.10	.60
<b>Early Bassano</b> , the earliest of all; flesh almost white . . . . .	.05	.10	.60
<b>Early Bastian</b> , a quick, large-growing sort, of good color . . . . .	.05	.10	.60
<b>Eclipse</b> , very early, dark-red color, small top, smooth roots . . . . .	.05	.10	.60
<b>Edmand's Early Turnip</b> , the best in shape, color, size, and quality . . . . .	.05	.10	.75
<b>Egyptian</b> , an early, good color, smooth turnip beet . . . . .	.05	.10	.60
<b>Long Smooth Blood Red</b> , an excellent late variety . . . . .	.05	.10	.60



Edmand's Beet

	Pkt.	Oz.	Lb.
<b>Swiss Chard or Sea-Kale Beet</b> . 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 . . . . .	.05	.10	.75
<b>Beet</b> , for greens . . . . .	.05	.10	.40

See Special Offers on third page of cover.



**MANGEL-WURZELS and SUGAR BEETS.**

Sow in April or May, six to eight pounds per acre. The value of these for stock-feeding cannot be over-estimated; for sheep, dairy-stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious, and economical. One ounce will sow 50 feet drill, 6 pounds per acre.



Long Yellow Mangel

	Pkt.	Oz.	Lb.
<b>Breck's Mammoth Long Red</b> , a selection of the long red variety. It is smooth skinned, fine grained, and a heavier cropper. We consider it superior to all others . . . . .	.05	.10	.40
<b>Gatepost</b> , the characteristics of this desirable variety are small top, tap root, heavy cropper, color pale orange . . . . .	.05	.10	.40
<b>Golden Tankard</b> , a half-long variety of a bright yellow color . . . . .	.05	.10	.40
<b>Long Yellow</b> , differs from long red only in color . . . . .	.05	.10	.40
<b>Kinver Yellow Globe</b> , large globular formed roots. Adapted for growing in shallow soils . . . . .	.05	.10	.40
<b>Norbiton Giant</b> , Long Red, a valuable variety . . . . .	.05	.10	.40
<b>Red Globe</b> , similar to Yellow Globe, except in color . . . . .	.05	.10	.40
<b>Breck's Imperial Sugar</b> , an improved American-grown French Sugar Beet . . . . .	.05	.10	.40
<b>Klein-Wanzleben Sugar Beet</b> , unsurpassed for the production of sugar or for cattle feeding . . . . .	.05	.10	.50
<b>Lane's Improved Sugar Beet</b> , a well-known variety, valuable for feeding to cattle . . . . .	.05	.10	.40



Breck's Sugar Beet

**BORECOLE, or KALE.**

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

Sow early in the spring in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. They are extremely hardy, and will endure quite a low temperature. One ounce will sow 150 feet drill.

**Dwarf Green Curled Scotch**, leaves of a bright green and very tender and closely curled. This variety should be sown in the spring. The quality is improved if the plants are touched by frost before being used. Pkt., .05; oz., .10; lb., 1.00.

**Siberian or German Greens**, sow in fall for spring use. Pkt., .05; oz., .10; lb., 1.00.

**Tall Green Curled Scotch**, similar to the dwarf but of more vigorous growth. Pkt., .05; oz., .10; lb., 1.00.



Kale, Green Curled, Scotch

**BROCCOLI.**

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

This vegetable somewhat resembles the Cauliflower, but is hardier. In parts of the country where the thermometer does not fall below 20° to 25° Broccoli can be had from November until March. It succeeds best in a moist and rather cool atmosphere. The seed should be sown in May in a seed-pan and the plants afterwards set out in rows two and a half feet apart and eighteen inches between the plants.

One ounce of seed produces about 1,200 plants.

	Pkt.	Oz.	Lb.
<b>Early Purple Cape</b> , similar to White Cape, but hardier . . . . .	.10	.30	\$3.00
<b>Walcheren</b> , a valuable late variety, with large, fine heads . . . . .	.10	.40	4.00
<b>White Cape</b> , heads medium size, close, compact, and of a creamy color . . . . .	.10	.30	4.00

See Special Offers on third page of cover.

**BRUSSELS SPROUTS.**

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

Species of the Cabbage family. It produces along the whole length of the stem small sprouts resembling miniature cabbages. These heads are a great delicacy boiled in the same way as Cauliflower. Seed should be sown about the middle of May in a seed bed, and the plants afterwards set out in rows two feet or more apart and cultivated like cabbage. It is ready for use late in autumn after the early frost. One ounce of seed produces about 1,200 plants.

**Dwarf Improved French**, of sturdy compact growth. Packet, 5 cts.; ounce, 20 cts; pound, \$2.00.  
**Improved Paris Market**, a most desirable strain. Packet, 5 cts.; ounce, 20 cents; pound, \$2.00

**CABBAGE.**

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

(For price on Cabbage Plants, see Vegetable Plants).

All the cabbage tribe requires is the soil to be rich, deep, well-drained, and abundantly manured. For the early kinds, plant thirty inches between the rows and sixteen inches between the plants. For late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hot-beds. Set out when the plants are strong enough into other hot-beds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. Late plants are sometimes subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To prevent this destruction, sprinkle the plants with wood ashes, air-slacked lime, plaster, slug-shot, or tobacco dust, when the plants are wet with dew. One ounce of seed produces 3,000 plants.

<b>All Seasons</b> , an early Drumhead variety, . . . . .	Pkt. .05	Oz. .25	Lb. \$2.50
<b>American Improved Savoy</b> , the best of all winter cabbages . . . . .	.05	.30	3.00
<b>Breck's Strain Early Jersey Wakefield</b> , a favorite with market-gardeners. Very early, medium size, of pyramidal shape . . . . .	.05	.25	2.50



Breck's Premium Drumhead Cabbage.

<b>Breck's Premium Drumhead</b> , recommended for its immense size and sure heading qualities . . . . .	.05	.25	2.50
<b>Breck's Premium Flat Dutch</b> . This we consider superior to any late cabbage . . . . .	.05	.25	2.50
<b>Drumhead Savoy</b> , the largest of this class . . . . .	.05	.30	3.00
<b>Early Etampes</b> , one of the earliest . . . . .	.05	.25	2.50
<b>Early Express</b> , of the Etampes type, but earlier . . . . .	.05	.25	2.50
<b>Early Winningstadt</b> , a conical-shaped variety . . . . .	.05	.25	2.50
<b>Early York</b> , a well-known, fine-flavored early variety . . . . .	.05	.20	2.00
<b>English Curled Savoy</b> , (for greens). Used only to sow early in spring for greens . . . . .	.05	.15	1.00
<b>Fottler's Improved Brunswick</b> , a short-stemmed early Drumhead . . . . .	.05	.25	2.50
<b>Henderson's Early Summer</b> , a little later than Wakefield; larger and more globular in shape . . . . .	.05	.25	2.50
<b>Henderson's Succession Cabbage</b> . Valuable second and late crop variety . . . . .	.05	.25	2.50
<b>Hollander or Danish Ball Head</b> , an unsurpassed winter variety, heads round, large, very hard, tender, and fine flavored . . . . .	.05	.30	2.50
<b>Marblehead Mammoth Drumhead</b> , the largest variety of Drumhead. Heads often weigh fifty pounds . . . . .	.05	.25	2.50
<b>Ox-Heart</b> , an early conical shaped variety . . . . .	.05	.25	1.75
<b>Perfection Red</b> , superior in size and quality to all other red varieties . . . . .	.10	.40	4.00
<b>Red Dutch, or Pickling</b> , an old but desirable sort for pickling . . . . .	.05	.25	2.50
<b>Warren-Stone-Mason</b> , an improved strain of Stone Mason, nearly as early as Fottler's Brunswick, rounder in shape and extremely solid . . . . .	.05	.30	3.00



American Drumhead Savoy Cabbage.

<b>Hollander or Danish Ball Head</b> , an unsurpassed winter variety, heads round, large, very hard, tender, and fine flavored . . . . .	.05	.30	2.50
<b>Marblehead Mammoth Drumhead</b> , the largest variety of Drumhead. Heads often weigh fifty pounds . . . . .	.05	.25	2.50
<b>Ox-Heart</b> , an early conical shaped variety . . . . .	.05	.25	1.75
<b>Perfection Red</b> , superior in size and quality to all other red varieties . . . . .	.10	.40	4.00
<b>Red Dutch, or Pickling</b> , an old but desirable sort for pickling . . . . .	.05	.25	2.50
<b>Warren-Stone-Mason</b> , an improved strain of Stone Mason, nearly as early as Fottler's Brunswick, rounder in shape and extremely solid . . . . .	.05	.30	3.00

See Special Offers on third page of cover.

**CARROT.**

German, *Mohre*. — French, *Carotte*. — Spanish, *Zanahoria*.

Carrots are grown largely both for feeding to stock and culinary purposes; the long varieties used for the former, the "Horn" and medium sorts for the latter. The "Horn" sorts can be grown on thin soil and are mostly for early use. The others prefer deep, sandy loam that was well-manured the previous year for some other crop, such as potatoes or onions. Sow in April or May about one inch deep in drills fifteen inches apart for garden sorts. The rows in field cultivation should be two feet apart. Thin out the plants from three to eight inches apart, according to variety. One ounce of seed is sufficient for one hundred feet drill, four pounds to an acre.



Chantenay Carrot



Scarlet Horn Carrot

	Pkt.	Oz.	Lb.
<b>Chantenay</b> , a type of Danvers, half-long but earlier and smaller, .05 .10 \$1.00			
<b>Danvers Half Long</b> , the most desirable main crop variety; an excellent keeper .05 .10 1.00			
<b>Early Scarlet Forcing</b> , very early and valuable for forcing .05 .15 1.00			
<b>Early Scarlet Horn</b> , a medium-sized, half-long variety of fine color .05 .10 1.00			
<b>Guerande or Oxheart</b> , intermediate between half-long and Horn sorts .05 .10 1.00			
<b>Large Yellow Belgian</b> , a desirable variety for feeding to stock, .05 .10 .50			
<b>Large White Belgian</b> , the largest and most profitable for feeding to stock .05 .10 .50			
<b>Long Orange Improved</b> , a large, long-rooted variety, suitable for table or stock .05 .10 .80			

**CARDOON.**

German, *Kardon*. — French, *Cardon*. — Spanish, *Cardo Hortense*.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart and an inch and a half deep, and thin out the young plants to a foot apart in the drills.

	Pkt.	Oz.	Lb.
<b>Large Spanish</b> . . . . .	.10	.30	\$3.00



Cardoon.

**CAULIFLOWER.**

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

(For price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious of the cabbage family. For the production of the Cauliflower a rich, deep loam is required, a low moist situation being preferable. A liberal supply of water when possible produces very marked results. Seed of the very early variety should be sown in a hot-bed in February or March. For later supply, sow seed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart, and 18 inches between the plants. Transplanting should be done in damp weather. One ounce of seed produces about 2,500 plants.



	Pkt.	Oz.	¼ lb.
<b>Breck's White Bouquet</b> . This we believe the earliest and most reliable Cauliflower for New England. Since its introduction it has become an especial favorite with the market gardeners .25 3.50 \$12.00			
<b>Early Dwarf Danish</b> , a variety of the Erfurt from Denmark. It matures evenly and is a reliable header .25 3.00 10.00			
<b>Earliest Dwarf Erfurt</b> , a very choice strain of the well-known Erfurt Cauliflower .25 3.00 12.00			
<b>Early Paris</b> , an old but still popular sort .10 .60 2.00			
<b>Early Snowball</b> , a reliable early variety, grown largely for market .20 2.50 10.00			
<b>Half Early Paris</b> , a well-known variety .10 .60 2.00			
<b>Lenormand's Short Stemmed</b> , a large dwarf sort, desirable for main crop .10 .60 2.00			
<b>Veitch's Autumn Giant</b> , a desirable large, late variety .10 .60 2.00			

**CHERVIL.**

German, *Gartenkerbel*. — French, *Corseuil*. — Spanish, *Cerafolio de Cafe*.

**Chervil, Curled**, an aromatic sweet herb. The young leaves are used in soups and salads. Sow evenly in May, in drills half inch deep, one foot apart. 5 cts. per pkt.; 20 cts. per oz.; \$2.00 per lb.  
**Chervil, Tuberous Rooted**, sow in April after treatment same as for carrots. 10 cts. per pkt.; 30 cts. per oz.; \$3.00 per lb.

See Special Offers on third page of cover.

Danvers Half-Long Carrot



**CELERY.**

German, *Sellerie*, French, *Celeri*, Spanish, *Apio*.

(For price on Celery Plants, see Vegetable Plants.)

Sow seed the first or second week in April in hot-bed or cold-frame. As soon as the plants have attained a height of three inches, transplant in prepared border, setting them four inches apart. In order to secure "stocky" plants, cut off the tops once or twice before again transplanting into richly manured soil, in rows four feet apart, and from seven to nine inches plant to plant.



Boston Market Celery.

Keep down all the weeds, and as fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. For winter use it is usually placed in frames and covered with litter, or stored in pits or cold cellars. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board twelve to fifteen inches wide on edge on each side of the row, and to hold them in place tack bits of laths across the rows at the top. One ounce of seed produces about 3,000 plants.



Rose-Ribbed Paris Self-Blanching Celery

	Pkt.	Oz.	Lb.
<b>Boston Market</b> , the best and most popular sort in cultivation . . . . .	.10	.30	\$3.50
<b>Carter's Dwarf Crimson</b> , solid, crisp, and fine-flavored . . . . .	.05	.25	2.50
<b>Celериac, or Turnip-Rooted</b> . The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad . . . . .	.05	.20	2.00
<b>Dilk's Many-Hearted</b> , a favorite with gardeners around Philadelphia . . . . .	.05	.30	3.00
<b>Giant Pascal</b> , a sport from Golden Self-Blanching. A strong grower and wonderful keeper . . . . .	.10	.30	3.00
<b>Golden Self-Blanching</b> , a self-blanching early golden-colored variety that is very popular. The seed we offer is from the introducer. . . . .	.10	.40	4.00
<b>New Rose</b> , possessed of fine keeping qualities, a desirable sort . . . . .	.05	.20	2.50
<b>Pink Plume</b> , color bright pink, quality first-class, an excellent keeper . . . . .	.05	.25	2.50
<b>Rose Ribbed Self-Blanching</b> , a sport from Paris Golden, of pleasing appearance and good quality . . . . .	.10	.40	4.00
<b>Sandringham</b> , a dwarf white variety, solid, crisp and fine-flavored . . . . .	.05	.25	2.50
<b>Triumph</b> , a large growing variety, fine quality and flavor, unsurpassed as a keeper . . . . .	.10	.40	4.00
<b>White Plume</b> . This variety can be blanched with boards. It is solid, and of a pleasing nutty flavor . . . . .	.10	.25	2.50
<b>Celery Seed for Flavoring</b> . . . . .	.05	.10	.50

**CHICORY.**

German, *Cichorie*. — French, *Chicoree*. — Spanish, *Achivoria de Cafe*.

It may be sown and treated in the same manner as carrots, used to mix with or as a substitute for coffee. The root is taken up, washed, cut in small pieces and carefully dried.

**Large Rooted.** 5 cts. per pkt.; 10 cts. per oz.; \$1.00 per lb.

**COLLARDS OR COLEWORTZ.**

A class of plants closely allied to the Cabbage family, used as greens and grown quite largely in sandy sections, particularly of the south. Transplanted when four inches high into rows three feet apart and one and a half feet apart in the rows. Thin out to three feet apart during the summer. 5 cts. per pkt.; 10 cts. per oz.; \$1.00 per lb.

**CORN SALAD, or FETTICUS.**

German, *Lammersalat*. — French, *Mache*. — Spanish, *Macka Valerianilla*.

Used as a salad. It is sown very early in spring, in rows one foot apart, and is fit for use in six or eight weeks. For early spring use sow in September, and winter in cold-frames, or cover with litter. One ounce will sow 100 feet of drill.

**Large-Leaved.** Per pkt., 5 cts.; ounce, 10 cts.; pound, \$1.00.



Chicory.

See Special Offers on third page of cover.

**CORN. — Sweet.**

German, *Mais*. — French, *Mais*. — Spanish, *Maiz*.

A rich, warm soil is best, especially for the earlier varieties, which ordinarily should not be planted before the middle of May. Successive plantings may be made until July. Plant in hills three or four feet apart each way, according to the height of the variety. One quart will plant about 200 hills.



Country Gentleman

Josiah Crosby's

Mammoth

Breck's Premier

Egyptian

	Pkt.	Qt.	Pk.
<b>Black Mexican</b> , said to be the sweetest corn in cultivation . . . . .	.10	.25	\$1.25
<b>Breck's Premier</b> , large, medium early, unequalled in quality . . . . .	.10	.25	1.25
<b>Breck's Zig-Zag</b> , a main crop sort, keeps longer in fit condition for table than any other variety . . . . .	.10	.25	1.25
<b>Columbus Market</b> , the largest early sort . . . . .	.10	.25	1.25
<b>Country Gentleman</b> , a large and later Ne Plus Ultra . . . . .	.10	.25	1.25
<b>Crosby</b> , Josiah Crosby's strain . . . . .	.10	.35	1.50
<b>Early Crosby</b> , early and of excellent quality . . . . .	.10	.25	1.25
<b>Early Maine</b> , earliest white-cob variety in cultivation . . . . .	.10	.25	1.25
<b>Early Marblehead</b> , a variety similar to Cory . . . . .	.10	.25	1.25
<b>Early Minnesota</b> , dwarf habit . . . . .	.10	.20	1.00
<b>Early Red Cory</b> , earliest of all the red-cob variety . . . . .	.10	.25	1.25
<b>Early White Cory</b> , in all respects, except color, similar to the preceding . . . . .	.10	.25	1.25
<b>Egyptian</b> , a very large late variety, exceedingly sweet and superior . . . . .	.10	.25	1.25
<b>First Crop Sugar</b> , an extra early eight-rowed variety of good quality . . . . .	.10	.25	1.25
<b>Mammoth Sugar</b> , a late variety, produces ears larger than any other . . . . .	.10	.25	1.25
<b>Moore's Concord</b> , ears large and well filled, early, and unsurpassed for richness . . . . .	.10	.20	1.00
<b>Potter's Excelsior</b> , perhaps the best and sweetest main-crop variety . . . . .	.10	.25	1.25
<b>Quincy Market</b> , larger ears and earlier than the common Crosby . . . . .	.10	.25	1.50
<b>Stowell's Evergreen</b> , the standard late variety . . . . .	.10	.25	1.00

SELECTED EARS, FIVE CENTS EACH.

**CORN. — Field.**

Varieties for Field Culture.

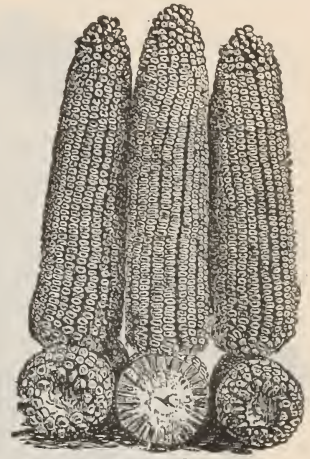
Special Offer No. 3 only applies to Field and Fodder Corns.

	Qt.	Pk.	Bu.
<b>Angel of Midnight</b> , the earliest and best yellow flint variety . . . . .	.20	.60	\$2.00
<b>Breck's Boston Market</b> . This variety is now so well known that it is scarcely necessary for us to say that it is especially adapted for the purpose of ensilaging. More than a dozen different agricultural experiment stations in the States have indorsed it, as have also thousands of successful farmers . . . . .	.15	.50	1.75
<b>Blunt's Prolific</b> , an early eight-rowed heavy dent variety . . . . .	.15	.50	1.50
<b>Cuban Giant Ensilage</b> , a large cropper but later than Leaming . . . . .	.15	.50	1.75
<b>Early Sanford</b> , a white flint variety, equally valuable for ensilage or grinding . . . . .	.15	.50	1.50
<b>Early Yellow Canada</b> , well-known early, eight-rowed flint variety . . . . .	.15	.50	1.50
<b>Evergreen Sweet Fodder</b> . For cutting green and feeding to stock this variety excels all others in tenderness, sweetness, and nutriment . . . . .	.15	.50	1.50

See Special Offers on third page of cover.

**CORN. — Field. — Continued.**

	Qt.	Pk.	Bu.
<b>Golden Beauty</b> , a tall-growing leafy dent variety, suitable for ensilage . . . . .	.15	.50	\$1.50
<b>Leaming</b> , a yellow dent variety, very valuable for ensilage . . . . .	.15	.50	1.50
<b>Longiellow</b> , eight-rowed yellow flint, long ears with small cob . . . . .	.15	.50	1.75
<b>Mastadon</b> , one of the best yellow dents for ensilage . . . . .	.15	.50	1.50
<b>P. &amp; W. Perfect Mammoth Ensilage</b> , a well-known ensilage variety . . . . .	.15	.50	1.50
<b>Pre-Historic</b> , a remarkable variety . . . . .	.25	1.00	3.00
<b>Pride of the North</b> . This variety can be successfully grown farther north than any other dent corn. Grown for ensilage or fodder . . . . .	.15	.50	1.50
<b>Red Cob Ensilage</b> , an excellent fodder and ensilage sort . . . . .	.15	.50	1.25
<b>White Southern</b> , valuable for ensilage and fodder . . . . .			1.00



Leaming Corn.

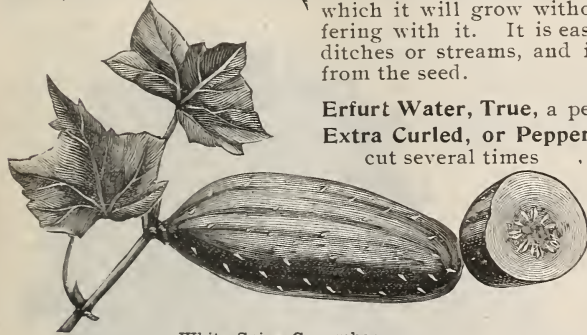
**POP-CORN.**

- Eight-Rowed White**, selected ears for seed purposes, 3 cts. per ear.
  - Tattooed Yankee Pop-Corn**, per pkt., 5 cts.
  - White Pearl**, selected ears for seed purposes, 3 cts. per ear.
  - White Rice**, selected ears for seed purposes, 3 cts. per ear.
- Special Offer No. 3 only applies to Ensilage and Pop-Corn.

**CRESS.**

German, *Gartex und Brunnen Kresse.* — French, *Cresson.* — Spanish, *Mastuerzo.*

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



White Spine Cucumber

	Pkt.	Oz.	Lb.
<b>Erfurt Water, True</b> , a perennial aquatic plant . . . . .	.10	.40	\$4.00
<b>Extra Curled, or Pepper-grass</b> , fine flavor, and can be cut several times . . . . .	.05	.10	.50
<b>Upland Cress</b> , a hardy perennial, similar to water cress in flavor . . . . .	.10	1.00	

**CUCUMBER.**

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

The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for both planting on and for carrying the young plants to their permanent location, or small pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June.

Plaster Dust, or an Infusion of Hellebore powder in water, will destroy the striped bug. One ounce will plant about fifty hills.

	Pkt.	Oz.	Lb.
<b>Boston Pickling</b> . Produces an abundant crop of short, dark-green fruit . . . . .	.05	.10	\$1.00
<b>Breck's Forcing White Spine</b> . This seed is raised from selected specimens by an Arlington market gardener and is the best obtainable . . . . .	.10	.40	5.00
<b>Early Cluster</b> . Grows in clusters. Bluish-green color . . . . .	.05	.10	.75
<b>Early Frame</b> . Of medium size. Valuable for both table and pickling . . . . .	.05	.10	.75
<b>Early Russian</b> . The earliest variety. About four inches long . . . . .	.05	.10	.75
<b>Emerald</b> . Similar to Tailby's Hybrid, but a better quality . . . . .	.05	.10	1.00
<b>Everbearing</b> . Medium size, early and productive . . . . .	.05	.10	1.00
<b>Evergreen</b> . Without an equal, quantity and quality considered . . . . .	.05	.10	1.00
<b>Improved Long Green</b> . The standard late variety. Productive and good . . . . .	.05	.10	1.00
<b>Improved White Spine</b> . The best table variety, of excellent quality . . . . .	.05	.10	1.00
<b>Japanese Climbing</b> . A productive variety, fine quality. The vine will grow over a summer house or climb a pole if given opportunity . . . . .	.05	.10	1.00
<b>Tailby's Hybrid</b> . A cross between White Spine and an English Frame sort . . . . .	.05	.10	1.00
<b>West India Gherkin</b> . A short green oval for pickling . . . . .	.05	.15	1.50

**ENGLISH FRAME VARIETIES.**

These are mostly grown by private gardeners. They attain a length of from twelve to thirty inches, and are of fine quality. **Rollinson's Telegraph. Blue Gown. Carter's Model.** Each, per pkt., 25 cts.

See Special Offers on third page of cover.

**DANDELION.**

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

Sow seed in May or June, in drills half an inch deep and twelve inches apart. Cultivate, to keep down the weeds during summer, and upon the approach of severe weather cover with litter, which should be removed early the following spring.

One ounce will sow 200 feet of drill. One lb. will sow an acre.

	Pkt.	Oz.	Lb.
<b>American Improved.</b> A fine home-grown variety .	.10	.40	\$4.00
<b>Thick-Leaved French.</b> Large and tender .	.10	.40	4.00

**EGG-PLANT.**

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

(For price of Plants, see Vegetable Plants.)

Sow the seed in hot-beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1, about two and a half feet apart. One ounce will produce about 1,000 plants.

	Pkt.	Oz.	Lb.
<b>Black Pekin</b> , early, fruit jet black, round in form and very solid, .	.10	.40	\$4.00
<b>Early Long Purple</b> , differing in shape from the foregoing; hardy and productive .	.10	.30	3.00
<b>White Pearl</b> , Quite an ornamental plant .	.10	.40	4.00



New York Improved Egg-Plant

**New York Improved**, the leading market variety; excellent and very productive

**ENDIVE.**

German, *Endivien* — French, *Chicorec*. — Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September.

As it is generally used for salads, it should be blanched by tying all the leaves into a bunch at the extreme top. One ounce will sow 150 feet of drill.

	Pkt.	Oz.	Lb.
<b>Broad-Leaved Batavian</b> , used for soup .	.05	.20	\$2.00
<b>Green Curled</b> , a nicely curled sort .	.05	.25	2.50
<b>Moss Curled</b> , of dense habit, finely curled, .	.05	.25	2.00



Moss Curled Endive

**KALE. — See Borecole.**

**KOHL RABI (Turnip-Rooted Cabbage).**

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

An intermediate vegetable between the Cabbage and Turnip. Sow in April, in rows 18 inches apart, and thin out or transplant in rows 8 inches apart. When 3 to 4 inches in diameter they are fit to eat. For late use, sow in June and July. One ounce will sow 150 feet of drill.



London Flag Leek.

	Pkt.	Oz.	Lb.
<b>Early White Vienna</b> , flesh white .	.05	.25	\$2.00
<b>Early Purple Vienna</b> , differing from the above in color .	.05	.25	2.00

**LEEK.**

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

Makes a valuable second crop on land that has been used for cabbage, etc., but the soil should receive a liberal dressing of well-composted manure before being planted. Sow the seed in April, in rows 1 foot apart, and transplant in July. Transplant quite deeply into rows 15 inches apart, with 6 inches between the plants. Hoe up the earth around the stems when they begin to grow, so as to blanch and make them tender. One ounce of seed will sow 100-foot drill.

	Pkt.	Oz.	Lb.
<b>Giant Carentan</b> , large size, hardy and excellent .	.05	.30	\$3.00
<b>London Flag</b> , a hardy sort .	.05	.20	2.00
<b>Musselburgh, or Scotch</b> , grows to a large size; .	.05	.30	3.00

See Special Offers on third page of cover.

**LETTUCE.**

German, *Lattich-Salat*. — French, *Laitue*. — Spanish, *Lechuga*.  
(For price on Lettuce Plants see Vegetable Plants.)

The most easily grown of all open-air plants used for salads. It requires a warm soil that has had a liberal dressing of well-rotted manure and abundant moisture. To be of a satisfactory quality, the growth should be rapid and vigorous. Seed may be sown in a frame in February or March, the plants set out as early as the ground can be worked, as light frosts will not injure them. Set the plants 9 inches apart in the rows, and 18 inches between the rows. For successive crops, sowings may be made every two weeks up to the end of August. One ounce of seed will produce about four thousand plants.



Grand Rapids Lettuce.

<b>All the Year Round</b> , an excellent summer lettuce, also valuable for forcing . . . . .	.05	.25	\$2.50
<b>Arlington Black-Seeded Tennis Ball</b> , a local grown, extra fine strain, a favorite sort . . . . .	.10	.40	4.00
<b>Asparagus</b> , especially desirable for spring and late summer planting . . . . .	.10	.35	3.50
<b>Big Boston</b> , a larger Boston Market . . . . .	.05	.30	3.00
<b>Black-Seeded Simpson</b> , one of the best for out-door culture . . . . .	.05	.25	2.50
<b>Black-Seeded Tennis Ball</b> , well-formed heads; one of the best for out-door culture; compact and tender . . . . .	.05	.30	3.00



Defiance Lettuce.

<b>Boston Curled</b> , esteemed for its earliness, beauty, and good table qualities . . . . .	.05	.25	2.50
<b>Breck's Boston Market</b> , a superior selection of White-Seeded Tennis Ball, grows very compact, and is a most profitable forcing variety . . . . .	.10	.40	4.00
<b>Defiance</b> , one of the best cabbage sorts and very tender . . . . .	.05	.20	2.00
<b>Denver Market</b> , an early head variety, with blistered leaves like the Savoy Cabbage . . . . .	.05	.30	3.00
<b>Early Curled Simpson</b> , forms a compact mass of tender leaves of a yellowish-green color . . . . .	.05	.20	2.00
<b>Early Prize Head</b> , large, hardy, and tender . . . . .	.05	.25	2.50
<b>Grand Rapids</b> , a desirable cabbage variety, leaves crisp and tender . . . . .	.05	.25	2.50
<b>Hanson</b> , one of the best in cultivation, large, solid, heavy, crisp heads . . . . .	.05	.20	2.00
<b>Hittinger's Belmont</b> , unsurpassed as a forcing variety . . . . .	.05	.30	3.00
<b>Paris Cos or Romain</b> , a sort with long, narrow upright leaves. When tied up blanches nicely and bears close planting . . . . .	.05	.20	2.00
<b>Salamander</b> , one of the best summer cabbage sorts, pale green . . . . .	.05	.20	2.00
<b>White Summer Cabbage</b> , large, extra tender, and keeps well . . . . .	.05	.20	2.00

**MARTYNIA.**

The seed-pods are used for pickling, and should be gathered when green and tender. Plant in the open ground the last week of May in rows two feet apart, making hills one foot apart in the rows; place several seeds in each hill, and when well up thin out to one plant. One ounce will plant fifty hills.

<b>Martynia Proboscidea</b> . . . . .	.05	.40	\$4.00
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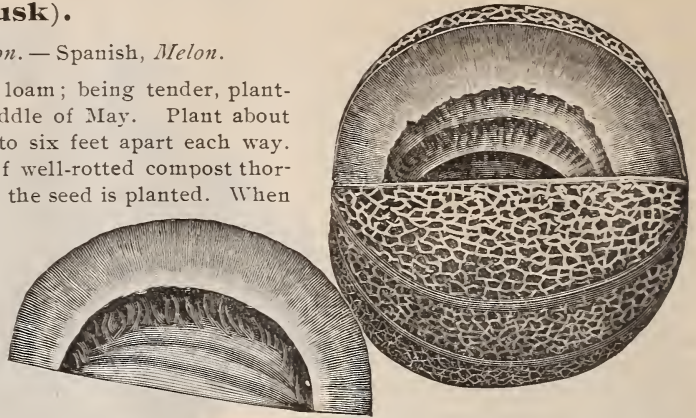
See special offers on third page of cover.

**MELON (Musk).**

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

Melons prefer a warm, light, sandy loam; being tender, plantings should not be made before the middle of May. Plant about six seeds, half-inch deep, in hills five to six feet apart each way. The hills should have at least a peck of well-rotted compost thoroughly stirred into each of them before the seed is planted. When well-grown thin out to three plants in a hill. If an earlier crop than this method of cultivation allows is desired, the directions given for growing early cucumbers may be followed.

One ounce will plant about sixty hills. Two pounds will plant an acre.



Breck's Emerald Gem Musk Melon

	Pkt.	Oz.	Lb.
Bay View Cantaloupe, large size, green flesh, fine flavor . . . . .	.05	.10	\$0.75
Breck's Improved Emerald Gem, beautiful, large, almost smooth, green variety, with very solid orange flesh of unequalled quality . . . . .	.10	.20	1.50
Casaba, large size, green flesh, fine quality . . . . .	.05	.10	.75
Delmonico, medium size, deep orange, pink flesh delightful flavor . . . . .	.05	.10	.75
Early Christiana, green, with yellow flesh, an excellent early sort . . . . .	.05	.10	.75
Emerald Gem, small, but prolific, superior quality . . . . .	.05	.10	.75
Extra Early Hackensack, several days earlier than Hackensack, beautifully netted . . . . .	.05	.10	.75
Hackensack, large, productive, and fine flavored . . . . .	.05	.10	.75
Kinsman's Queen, very early, fine quality . . . . .	.10	.20	
Large Yellow Musk, large, flesh salmon-yellow, very sweet . . . . .	.05	.10	.75
Long Island Beauty, round, one of the earliest and best . . . . .	.05	.10	.75
Miller's Cream, Osage type, thick salmon-color flesh . . . . .	.05	.10	.75
Montreal Green Nutmeg, early, large size, excellent quality . . . . .	.05	.10	.75
Prolific Nutmeg, thick, green flesh, with honey flavor . . . . .	.05	.10	.75
Surprise, bright yellow flesh, musky flavor, medium size . . . . .	.05	.10	.75
Tip Top, sweet, juicy, fine flavor, firm flesh . . . . .	.05	.10	1.00
White Japan, early, medium size, skin cream-white . . . . .	.05	.10	.75
Mango, for pickles, small, used in the green state . . . . .	.10	.20	2.00

**MELON (Water).**

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

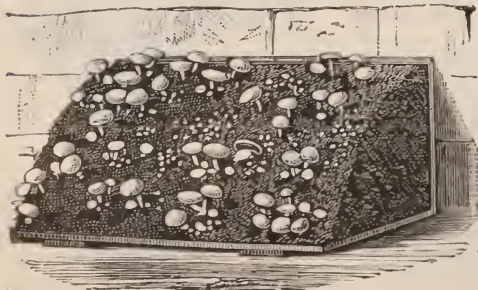
Water melons require the same general treatment as Musk Melons; but being more tender they should have the best possible exposure. The hills should be eight feet apart.

One ounce for thirty hills; five pounds for an acre.

	Pkt.	Oz.	Lb.
Black Spanish, scarlet flesh, thin rind, sugary flavor . . . . .	.05	.10	.70
Citron, for preserving . . . . .	.05	.10	.70
Cuban Queen, round, large, bright red, sweet and sugary . . . . .	.05	.10	.70
Green and Gold, a large early variety, of fine quality . . . . .	.05	.10	.70
Ice Cream, medium size, solid, scarlet flesh, fine flavor . . . . .	.05	.10	.70
Kolb's Gem, bright-red flesh, one of the best shippers . . . . .	.05	.10	.70
Mammoth Iron Clad, very large, solid, and of delicious flavor . . . . .	.05	.10	.70
Mountain Sweet, one of the best for general culture . . . . .	.05	.10	.70
Phinney's Early, a standard sort for N. E., bright-red flesh, sweet and tender . . . . .	.05	.10	.70
Vick's Early, early, medium size, oblong form, pink flesh . . . . .	.05	.10	.70

**MUSHROOM.**

German, *Champignon*. — French, *Champignon*. — Spanish, *Hongo*.  
(Special offer No. 3 only applies to Mushroom Spawn.)



Mushrooms may be grown in cellars, out-houses, sheds, or under greenhouse benches. The amateur, however, is more likely to meet with success in cellars than elsewhere, as the cool moisture of the atmosphere and the uniform temperature are more congenial to the growth of this vegetable than in the structures above ground. The temperature should range between fifty-five and sixty degrees. Use a mixture of equal weights, fresh horse droppings and loam that has no manure in it. Before placing this mixture in the bed turn it over every day for a week so that it does not heat violently, and be careful to keep it under cover so that it cannot get wet. Then begin to make the bed by spreading thin layers of the mixture, and pound each firm, until you have in all a depth of eight to ten inches; leave

See special offers on third page of cover.

**MUSHROOM.** — *Continued.*

it thus for a few days until the heat runs up to a hundred degrees or over and then declines to ninety degrees; when this point is reached it is ready for spawning, which is done by making holes, three or four inches deep and twelve inches apart each way; into each hole put a piece of spawn about as large as a hen's egg and fill in the hole with compost. At the end of ten or twelve days the spawn will have run through the whole bed. There should then be spread over the entire surface about two inches of fresh loam. Over all place a few inches of straw. All that remains to be done is to keep the temperature as near to sixty degrees as possible; it should never be allowed to fall below forty degrees, or the crops will be both reduced and delayed. Ordinarily, if the conditions are right, mushrooms will appear in about six weeks and continue to come for about a month. In the event of the surface of the bed becoming very dry sprinkle it freely with water at a temperature of about a hundred degrees. After the crop has been taken off the bed, it should receive a dressing of fresh loam to a depth of half an inch, thoroughly firmed, over the entire surface, and when dry a sprinkling with water as above recommended, and a second crop will soon be had. A brick of English spawn is sufficient for nine square feet of bed.

**Mushroom Spawn.** Original English Milltrack, superior to all others, lb., 12 cts.; 50 lbs., \$5.00; 100 lbs., \$9.00.

**Mushroom Spawn.** Genuine French Virgin, lb., 50 cts.; 100 lbs., \$45.00.

"How to Grow Mushrooms," by Faulkner, the most practical work on the subject to date \$1.50.  
 "Mushroom Culture," by Robinson. \$0.75.



**MUSTARD.**

German, *Senf.* — French, *Mustarde.* — Spanish, *Mostaza.*

Cultivated as a salad. The leaves are used like cress, when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse, or in a frame. One ounce will sow forty feet of drill.

	Oz.	Lb.
<b>Brown or Black.</b> More pungent in flavor than white . . . . .	.05	\$0.25
<b>Chinese.</b> Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad . . . . .	.10	.75
<b>White London</b> . . . . .	.05	.25

**NASTURTIUM, or INDIAN CRESS.**

German, *Indianische Kresse.* — French, *Capucine.* — Spanish, *Capuchina*

Cultivated both for use and ornament; the seeds while young and succulent are picked and used as capers. The young leaves are also useful in salads. Its beautiful scarlet and orange colored flowers, which bloom freely all summer, add a charm to the garden. One ounce will sow forty feet of drill.

	Pkt.	Oz.	Lb.
<b>Dwarf.</b> Good for borders . . . . .	.05	.20	\$1.75
<b>Tall.</b> Excellent for covering fences, trellis-work, etc., . . . . .	.05	.15	1.50

For complete list of finest flowering sorts, see Novelties, and pages 84 and 89.

**OKRA, or GUMBO.**

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

This vegetable is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, setting the plants from two to three feet apart. One ounce will sow forty feet of drill.

	Pkt.	Oz.	Lb.
<b>Dwarf Green.</b> Early and productive, tender pods . . . . .	.05	.10	\$0.75
<b>Tall Green.</b> Later than the foregoing, an immense cropper, pods extra large and tender . . . . .	.05	.10	.75
<b>White Velvet.</b> Large, creamy-white pods, very tender . . . . .	.05	.10	.75



Okra. White Velvet.

See Special Offers on third page of cover.



White Portugal

Yellow Globe Danvers

Southport White Globe

Red Globe

**ONION.**

German, *Zweibel*. — French, *Oignon*. — Spanish, *Cebolla*.

The Onion thrives best in rather strong, deep, loamy soil, which should be well enriched with old well-rotted manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed thinly in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and then raked even, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high thin to two inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow up and choke the crop. One ounce of seed will sow one hundred feet drill; four pounds per acre.

The seed we offer, with the exception of the imported varieties, is Eastern grown, and calculated to give more satisfactory results than Western-grown seed.

	Pkt.	Oz.	Lb.
<b>Breck's Yellow Globe Danvers.</b> Grown from specially selected bulbs . . . . .	.05	.25	\$2.00
<b>Extra Early Red.</b> Flat in shape and fully two weeks earlier than the Wethersfield . . . . .	.05	.20	1.60
<b>Giant Rocca.</b> Beautiful globe-shaped, light red onion, and mildly flavored . . . . .	.05	.20	1.50
<b>Large Red Wethersfield.</b> Deep-red color, immense yielder and excellent keeper . . . . .	.05	.20	1.50
<b>Mammoth Silver King.</b> Immense size, skin silvery white, very mild flavor . . . . .	.05	.25	2.00
<b>Queen.</b> A small white variety grown extensively in the South . . . . .	.05	.25	2.00
<b>Red Globe.</b> A fine, globe-shaped onion of superior quality . . . . .	.05	.20	2.00
<b>Red Italian Tripoli.</b> Same as the White, except in color . . . . .	.05	.20	1.50
<b>Southport White Globe.</b> Mild flavored, early and large, not a good keeper . . . . .	.05	.25	2.50
<b>Southport Yellow Globe.</b> Handsome and distinct . . . . .	.05	.20	2.00
<b>White Italian Tripoli.</b> Grows to an immense size, flat in shape, very mild in flavor . . . . .	.05	.20	1.50
<b>White Portugal.</b> Early, mildly flavored, and excellent . . . . .	.05	.25	2.00
<b>Yellow Globe Danvers.</b> Good, but not quite as good as Breck's strain . . . . .	.05	.20	1.50

**ONION SETS.**

(Prices Variable.)

Special Offer No. 3 only applies to Onion Sets.

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four 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.	Peck.
<b>Yellow or Red Onion Sets</b> . . . . .	.25	\$1.25
<b>Potato Onions</b> . . . . .	.25	1.25
<b>Top or Button Onions.</b> . . . . .	.25	1.00
<b>Garlic Sets</b> . . . . .	.50	
<b>White Onion Sets</b> . . . . .	.30	1.50
<b>Shallots</b> . . . . .	.30	2.00
<b>White Multiplier or Potato</b> . . . . .	.25	1.25

**PARSLEY.**

German, *Petersilie*. — French, *Persil*. — Spanish, *Perejil*.

Soak the seeds a few hours in tepid water, and sow early in the spring in drills one foot apart; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. One ounce to one hundred and fifty feet of drill.

	Pkt.	Oz.	Lb.
<b>Champion Moss Curled.</b> Leaves beautifully curled, extra fine for garnishing . . . . .	.05	.15	\$1.00
<b>Fern-leaved.</b> Most exquisite in form and coloring . . . . .	.05	.15	1.00
<b>Hamburg or Turnip-Rooted.</b> Roots used for flavoring soups . . . . .	.05	.10	.75

See special offers on third page of cover.



**PARSNIP.**

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

Sow thick in April, in rows twelve inches apart, and one inch deep, in a rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in the fall a sufficient quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. One ounce for one hundred feet of drill; five pounds to an acre.

	Pkt.	Oz.	Lb.
<b>Breck's Market Garden.</b> For flavor, texture of flesh, form, smoothness and as a crop- per, this variety is without an equal . . . . .	.05	.15	\$1.00
<b>Hollow Crown.</b> A well-known sort, fine quality . . . . .	.05	.10	.60
<b>Long Smooth.</b> The best for general use . . . . .	.05	.10	.60
<b>The Student.</b> A fine-flavored variety . . . . .	.05	.10	.60

**PEAS.**

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

Peas come earliest to maturity in light, rich soils, but for a general crop a deep loam or moderately heavy soil is better. For early crops decomposed leaves or leaf mould should be used; if the soil is very poor stronger manure may be applied. The first sowing will be earlier if covered only one inch deep; those following should be covered two to six inches deep, the deep planting preventing mildew and prolonging the season. Fresh manure, and wet, mucky soil should be avoided, as they cause the vines to grow too rank and tall. All wrinkled Peas are superior to, more delicate in flavor, and remain longer in season than the smooth sorts, but should not be sown until the ground becomes warm, for, as in sugar-corn, the wrinkled appearance indicates the greater amount of saccharine matter. One quart will sow one hundred feet of drill.

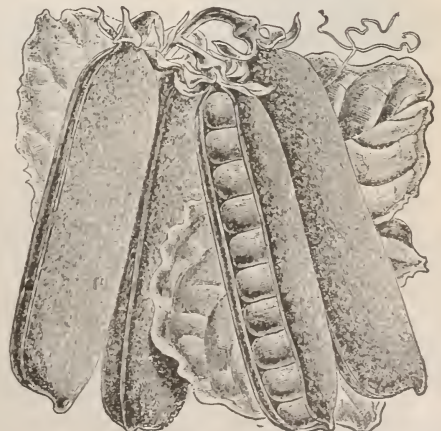


**EXTRA EARLY SORTS.**

	Pt.	Qt.	Pk.	Bu.
<b>Alaska.</b> A smooth, blue, prolific, sweet extra early variety . . . . .	.15	.25	\$1.25	\$4.50
<b>Aloha.</b> A fine-flavored early wrinkled variety . . . . .	.15	.25	1.25	4.50
<b>Bliss' American Wonder.</b> Well known early wrinkled sort, . . . . .	.15	.30	1.50	5.00
<b>Breck's Excelsior.</b> The best extra early for market and private garden . . . . .	.15	.30	1.50	5.00
<b>Carter's Premium Gem.</b> A dwarf prolific, green, wrinkled, early variety . . . . .	.15	.25	1.25	4.50
<b>Gradus.</b> The largest podded first early wrinkled pea. The pods are almost as large as those of Telephone, and are fit to pick about two days later than Alaska. Pkt., 25 cts.; . . . . .	.45	.80		
<b>Gregory's Surprise.</b> The earliest wrinkled sort, productive and of good quality . . . . . Pkt., 15 cts.; . . . . .	.25	.40	3.00	
<b>Improved Dan'l O'Rourke.</b> A standard extra early variety . . . . .	.15	.25	1.25	4.50
<b>McLean's Little Gem.</b> A variety similar to Premium Gem . . . . .	.15	.25	1.25	4.50
<b>Nott's Excelsior.</b> Extra early wrinkled sort, grows fifteen inches high, superior to American Wonder in quality and productiveness . . . . .	.15	.30	1.50	5.00
<b>P. &amp; W. Maud S.</b> A valuable extra early variety . . . . .	.15	.25	1.25	4.50
<b>Tom Thumb.</b> Very early, excellent quality, grows only about nine inches high . . . . .	.15	.25	1.25	5.00
<b>William Hurst.</b> In height and some other respects like Premium Gem, the pods, however, are produced in greater abundance and are larger and better-colored . . . . .	.15	.30	1.50	5.00

**SECOND EARLY SORTS.**

<b>Bliss's Abundance.</b> Strong vines of medium height that bear an enor- mous number of well-filled pods . . . . .	.15	.25	1.25	4.50
<b>Bliss's Everbearing.</b> A most desirable main crop variety for the private grower . . . . .	.15	.25	1.25	4.50
<b>Boston Wrinkled.</b> Superior to any other second early sort . . . . .	.15	.30	1.50	5.00
<b>Horsford's Market Garden.</b> Type and quality of Advancer, more productive . . . . .	.15	.25	1.25	4.50
<b>Juno.</b> Remarkably large, long, straight, thick throughout, well filled pods. Peas are dark green and a fine flavor. . . . .	.15	.25	1.50	5.00
<b>McLean's Advancer.</b> A dwarf green wrinkled marrow of fine flavor . . . . .	.15	.25	1.25	4.50



Gradus.

See Special Offers on third page of cover.

**PEAS.**— *Continued.*

**GENERAL CROP.**

	Pt.	Qt.	Pk.	Bu.
<b>Blackeye Marrow.</b> An excellent old-fashioned sort . . . . .	.10	.20	.65	\$2.00
<b>Breck's New Life.</b> All things considered, the most valuable pea of its season for home or for market . . . . .	.15	.30	2.00	6.00
<b>Carter's Telephone.</b> A vigorous grower, extra large well filled pods . . . . .	.15	.30	1.50	5.00
<b>Champion of England.</b> The standard late variety, sweet and productive . . . . .	.15	.25	1.25	4.00
<b>Dwarf Telephone.</b> Like the old variety except in height . . . . .	.20	.40	2.50	
<b>Dwarf White Marrow.</b> An old-fashioned yet popular variety . . . . .	.10	.20	.65	2.00
<b>Heroine.</b> A green wrinkled variety, following Advancer . . . . .	.15	.25	1.50	5.00
<b>Paragon.</b> Large, well filled pods, one of the latest . . . . .	.15	.30	1.50	5.00
<b>Pride of the Market.</b> An enormously productive wrinkled marrow of good quality . . . . .	.15	.30	1.75	6.00
<b>Profusion.</b> A productive, large-podded sort of good quality . . . . .	.15	.25	1.50	5.00
<b>Sharpe's Queen.</b> Large, well filled pods, of extra quality, equal in all and superior in some respects to Stratagem . . . . .	.15	.25	1.50	5.00
<b>Stratagem.</b> A sport that usually produces stalky vines covered with full pods of extra size . . . . .	.15	.30	1.50	5.00
<b>Shropshire Hero.</b> After the style of Yorkshire Hero, but more desirable . . . . .	.15	.25	1.50	5.00
<b>Yorkshire Hero.</b> A wrinkled marrow of extra fine quality . . . . .	.15	.25	1.50	5.00

**EDIBLE PODDED PEAS.**

	Pt.	Qt.
<b>Early Dwarf Wrinkled Sugar.</b> A French variety, early and of good quality . . . . .	.20	.40
<b>Tall Gray Sugar.</b> Can be used either shelled or cooked in the pods . . . . .	.20	.40



Ruby King Pepper



Sweet Mountain Pepper



Large Bell Pepper



Procopp's Giant Pepper

**PEPPER.**

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

Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about twenty inches apart and eight inches apart in the row. Repeated hoeings promote their growth. One ounce of seed will produce about 2,000 plants.

	Pkt.	Oz.	Lb
<b>Cayenne, Long Red.</b> The pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe . . . . .	.05	.25	\$3.00
<b>Golden Dawn.</b> Shaped like the Bell; color, golden yellow . . . . .	.05	.25	2.50
<b>Large Bell, or Bull Nose.</b> Fruit large; an early sweet variety . . . . .	.05	.25	3.00
<b>Procopp's Giant.</b> Long and large, fine scarlet; flesh thick . . . . .	.05	.25	3.00
<b>Red Cherry.</b> Fruit round, very productive, and ornamental . . . . .	.05	.25	2.50
<b>Red Chili.</b> Used for pepper sauce, small, narrow pods, about five inches long; very thick, fine flavor . . . . .	.05	.25	2.50
<b>Ruby King.</b> Pods about five inches long, very thick, fine flavor . . . . .	.05	.25	2.50
<b>Squash, or Tomato-Shaped.</b> The kind most generally grown for pickling; an excellent sort . . . . .	.05	.25	2.50
<b>Sweet Mountain, or Mammoth.</b> Similar in shape to the Large Bell, but of much larger size . . . . .	.05	.25	2.50

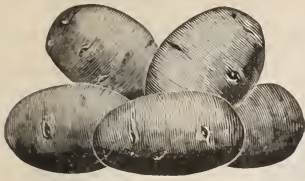
**PUMPKIN.**

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

The Pumpkin is now little used except for agricultural purposes, the squashes being so much sweeter, drier and finer grained for the kitchen. The farmer, however, finds the Pumpkin a serviceable addition to his feed. The most common and least troublesome method of cultivation is to plant them with corn, two or three seeds in each hill.

	Pkt.	Oz.	Lb.
<b>Connecticut Field.</b> Very productive; largely grown for feeding stock. Per bushel, \$4.00. . . . .	.05	.10	\$0.25
<b>Large Cheese.</b> Very productive; grown for both stock and table . . . . .	.05	.10	.60
<b>Mammoth.</b> Grows to an immense size, often weighing over one hundred pounds . . . . .	.10	.15	1.00
<b>Mammoth Red Etampes.</b> One of the largest; skin red, flesh very thick, firm and of fine flavor . . . . .	.05	.15	1.00
<b>Nantucket or Negro.</b> Dark warted shell, fine flavor, makes excellent pies. . . . .	.05	.10	.60
<b>Sweet Sugar.</b> Round, not large, but very sweet, and an excellent table variety . . . . .	.05	.10	.60

See Special Offers on third page of cover.



Breck's Chance Potatoes



New Queen Potatoes



Early Norther Potatoes

**POTATOES.**

(Prices subject to market changes.)

Special prices on large quantities quoted on application. Special Offers do not apply on Potatoes.

Of the many varieties of Potatoes that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of cultivation. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as Potatoes are of a perishable character, we assume no responsibility for damages incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature.

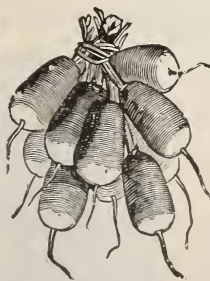
	Peck	Bush.	Bbl.
<b>Beauty of Hebron.</b> A standard sort, pure white skin and flesh, an excellent cropper,	.50	\$1.40	\$3.25
<b>Bliss' Triumph.</b> Extra early, of attractive appearance and superior quality .	.50	1.40	3.25
<b>Breck's Chance.</b> Quality is the leading feature, but it is early, a good cropper; the tubers are just the size wanted for the table . . . . .	.50	1.40	3.50
<b>Carman No. 1.</b> White-fleshed, medium; late sort of perfect quality . . . . .	.50	1.40	3.50
<b>Carman No. 3.</b> A potato with a long pedigree. Try it . . . . .	.50	1.40	3.50
<b>Clark's No. 1.</b> A well-known very productive sort of fine quality . . . . .	.50	1.40	3.50
<b>Early Harvest.</b> Wonderfully early, fine sized tubers . . . . .	.50	1.50	3.75
<b>Early Ohio, Jr.</b> An old rough-skinned standard sort, highly recommended . . . . .	.50	1.50	3.75
<b>Early Norther.</b> Earlier and more prolific than Early Rose, of which it is a seedling . . . . .	.50	1.40	3.50
<b>Early Rose.</b> Our stock of this standard variety is especially good . . . . .	.50	1.40	3.50
<b>Early Six Weeks.</b> Similar to Early Ohio, but earlier . . . . .	.50	1.50	3.75
<b>Freeman.</b> Medium early, very fine flavor . . . . .	.50	1.50	3.75
<b>Joseph.</b> Large, even sized tubers . . . . .	.60	1.75	4.00
<b>Lady Finger.</b> The genuine old-fashioned variety for baking . . . . .	1.00	3.50	
<b>New Queen,</b> of the Hebron type, but earlier, a greater yielder, fewer small ones . . . . .	.50	1.40	3.50
<b>P. &amp; W. Victory.</b> The handsome variety, resembling Clark's No. 1, but earlier . . . . .	.50	1.40	3.50
<b>Pearl of Savoy.</b> Very early, large oblong tubers, productive and of superior flavor . . . . .	.50	1.40	3.50
<b>Peerless, Jr.</b> "Quantity and Quality" would be a fitting name for this sort . . . . .	.60	1.50	4.00

**RADISH.**

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



Chartier Radish



French Breakfast Radish.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and especially in flavor. For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February. For winter Radishes, sow the seed about beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. 1 oz. of seed will sow 100 feet drill; 10 lbs. per acre.



Long Scarlet Radish

	Pkt.	Oz.	Lb.
<b>Chartier.</b> Color rose and white, quality excellent . . . . .	.05	.10	.75
<b>French Breakfast.</b> A variety of quick growth . . . . .	.05	.10	.75
<b>Long Black Winter.</b> An exceedingly fine winter variety, . . . . .	.05	.10	.75
<b>Long Scarlet Short-Top.</b> Bright, scarlet, crisp . . . . .	.05	.10	.75
<b>Olive Shaped Scarlet.</b> An early sort . . . . .	.05	.10	.75

See Special Offers on third page of cover.

**RADISHES.**—Continued.

	Pkt.	Oz.	Lb.
<b>Rose China Winter.</b> Bright rose color, grows to a large size, quality excellent . . .	.05	.10	.75
<b>Rosy Gem.</b> Globe-shaped, upper portion scarlet, shading into white at the tip . . .	.05	.10	\$1.00
<b>Round Black Winter.</b> Like the Long Black except in shape . . .	.05	.10	.75
<b>Scarlet Turnip.</b> One of the best for summer use . . .	.05	.10	.75
<b>White Turnip.</b> Excellent for summer use . . .	.05	.10	.75
<b>The Startle.</b> A half-long variety, fine for forcing . . .	.05	.10	1.00
<b>White Giant Stuttgart.</b> Withstands summer heat better than any other sort. Early, mild, and tender . . .	.05	.10	.75
<b>White Tipped Scarlet Turnip.</b> An early variety of medium size, crisp and tender . . .	.05	.10	.75
<b>Yellow Summer, Turnip Rooted.</b> Desirable summer sort . . .	.05	.10	.75

**RHUBARB.**

German, *Rhabarber*.—French, *Rhubarbe*.—Spanish, *Ruibarbo Bastardo*.  
(For price of Rhubarb Roots, see Vegetable Plants.)

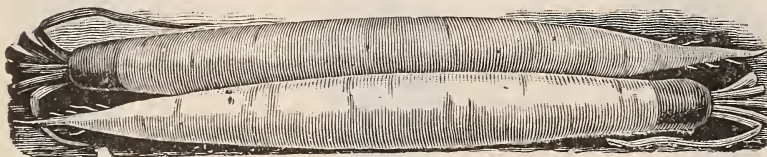
Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above.

	Pkt.	Oz.	Lb.
<b>Linnaeus.</b> Early, large, and tender . . .	.10	.25	\$2.00
<b>Victoria.</b> Very large, later than Linnaeus . . .	.10	.25	2.00

**SALSIFY, or OYSTER PLANT.**

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

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known.



It is used stewed, boiled, or fried, and sometimes as a salad sliced raw in vinegar with salt and pepper. When cooked it has an oyster flavor, and is commonly called "vegetable oyster." The directions for growing and keeping are the

same as for Parsnip. One ounce will sow fifty feet of drill.

	Pkt.	Oz.	Lb.
<b>Breck's Improved.</b> Roots of medium size, white and smooth . . .	.05	.15	\$1.50
<b>Mammoth Sandwich Island.</b> Twice as large as the preceding, and of fine quality . . .	.05	.15	1.50

**SPINACH.**

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

Spinach likes a rich soil, and should be sown for a main crop in August or September. When cold weather sets in, it should be protected from frost by covering it with straw and brush. For summer use sow at intervals of two or three weeks from April to August. One ounce will sow fifty feet of drill; twelve pounds per acre.

	Pkt.	Oz.	Lb.
<b>Long Standing.</b> Does not readily run to seed . . .	.05	.10	\$0.30
<b>New Zealand</b> ( <i>Tetragonia expansa</i> ). A distinct spreading plant, producing an abundant supply of greens all summer; should be started in a hot-bed, and transplanted when the ground is warm; set three feet apart each way . . .	.05	.15	1.00
<b>Prickly or Winter.</b> Hardy . . .	.05	.10	.30
<b>Round Thick Leaf.</b> One of the best . . .	.05	.10	.30
<b>Savoy Leaf.</b> An extra good "carrier" . . .	.05	.10	.30
<b>Victoria.</b> Good for spring sowing, broad dark green leaves . . .	.05	.10	.30



Long Standing Spinach.

**SQUASH.**

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

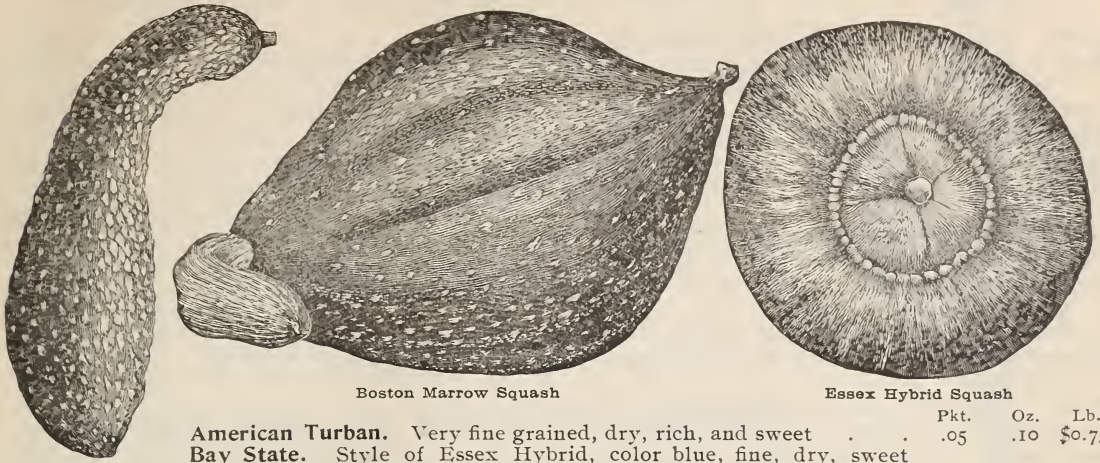
As all Squash are somewhat tender, they should not be planted out until danger from frost is past. They will grow on almost any soil, but a warm, mellow one that has been well manured suits them best. The hills for bush varieties should be about six feet apart; for running sorts, eight to ten feet. Thin out to two plants to a hill, and in the early stages of growth keep well sprinkled with plaster dust. Bush varieties, one ounce to fifty hills; running varieties, one ounce to twenty hills; four pounds per acre.



White Bush Scallop

See Special Offers on third page of cover.

**SQUASH.**—Continued.



Boston Marrow Squash

Essex Hybrid Squash

	Pkt.	Oz.	Lb.
<b>American Turban.</b> Very fine grained, dry, rich, and sweet . . . . .	.05	.10	\$0.75
<b>Bay State.</b> Style of Essex Hybrid, color blue, fine, dry, sweet flesh . . . . .	.05	.10	.75
<b>Crookneck Squash Boston Marrow.</b> A good fall and winter variety, follows in earliness the summer sorts . . . . .	.05	.10	.75
<b>Canada Crookneck.</b> The best of the winter Crooknecks for table use; small, but productive . . . . .	.05	.10	.75
<b>Early Golden Cluster.</b> Scalloped, early, golden yellow, fine . . . . .	.05	.10	.75
<b>Early Prolific Marrow.</b> Earlier and more prolific than the Boston Marrow . . . . .	.05	.10	.75
<b>Essex Hybrid.</b> A cross between Turban and Hubbard, an excellent keeper . . . . .	.05	.10	.75
<b>Golden Summer Crookneck.</b> Long in shape, bright yellow color, an excellent summer sort . . . . .	.05	.10	.75
<b>Hubbard.</b> A standard winter squash, meat dry and fine flavored . . . . .	.05	.10	.75
<b>Marblehead.</b> Remarkable for its combination of sweetness, dryness, and delicious flavor . . . . .	.05	.10	.75
<b>The Warren.</b> An improved Turban Squash, flesh thick and of excellent quality . . . . .	.05	.10	.75
<b>Warty Hubbard.</b> A heavy cropper, unsurpassed quality, good winter sort . . . . .	.05	.10	.75
<b>Mammoth White Bush Scalloped.</b> The best for very early use . . . . .	.05	.10	.75
<b>Winter Crookneck.</b> An old standard variety, hardy and a good keeper . . . . .	.05	.10	.75

**SUNFLOWER.**

	Qt.	Bush.
Large Russian. . . . .	.10	\$2.50

**TOBACCO.**

	Pkt.	Oz.	Lb.
<b>Connecticut Seed-Leaf.</b> Best adapted to the climate of the Northern and Middle States . . . . .	.05	.25	\$2.50
<b>Havana.</b> Imported seed . . . . .	.10	.30	3.00
<b>Rose Muscatel.</b> Makes an excellent quality cigar . . . . .	.10	.30	3.00

**TOMATO.**

German, *Liebsapfel*.—French, *Tomate*.—Spanish, *Tomate*.

(For Tomato Plants, see Vegetable Plants.)

The seed should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. One ounce will produce about 2,000 plants.



Dwarf Champion Tomato

See Special Offers on third page of cover.

**TOMATO.**—Continued.

	Pkt.	Oz.	Lb.
<b>Acme.</b> Very early and productive, medium size, dark-red fruit . . . . .	.05	.25	\$2.50
<b>Breck's Belmont.</b> The best for either forcing or out-door culture. Bright-scarlet fruit, finely flavored, very few seeds . . . . .	.05	.30	3.00
<b>Canada Victor.</b> One of the earliest, of medium size, very symmetrical in form . . . . .	.05	.25	2.50
<b>Dwarf Champion.</b> Of dwarf and strong habit, fruit fine color, with few seeds . . . . .	.05	.25	2.50
<b>Honor Bright.</b> Delicate flavor, very tender and the best keeper yet introduced . . . . .	.10	.50	
<b>Livingston's Beauty.</b> An early variety, growing in clusters of four or five, glossy crimson in color . . . . .	.05	.25	2.50
<b>Livingston's Favorite.</b> Perfect in shape; ripens evenly and quite early. It is noted for its good shipping qualities . . . . .	.05	.25	2.50
<b>Livingston's Perfection.</b> Large and early, blood-red, perfectly smooth, thick meat, few seeds . . . . .	.05	.25	2.50
<b>Lorillard.</b> Especially adapted for culture under glass . . . . .	.05	.25	2.50
<b>Paragon.</b> Medium size, color dark-red, ripens evenly, very solid, largely used for canning . . . . .	.05	.25	2.50
<b>Peach.</b> Resembles a peach in size, shape, and color; fine for preserves . . . . .	.05	.25	2.50
<b>Ponderosa.</b> The largest, solid and of good flavor . . . . .	.05	.25	2.50
<b>Red Cherry.</b> A small early variety, size and shape of a cherry, used for pickling . . . . .	.05	.30	3.00
<b>Stone.</b> Very smooth, solid, bright-scarlet color, thick-fleshed . . . . .	.05	.35	2.50
<b>Strawberry, or Winter Cherry</b> ( <i>Physalis Alkekengi</i> ). The fruit grows in a husk, and will keep all winter. It has a pleasant strawberry-like flavor and is esteemed by many for preserving . . . . .	.05	.30	3.00
<b>Yellow Cherry.</b> Similar to Red Cherry, except in color . . . . .	.05	.30	3.00

**TURNIP.**

German, *Steckrube*.—French, *Navet*.—Spanish, *Nabo Comun*.



Budlong Ruta Baga

Purple-Top Flat

White Egg

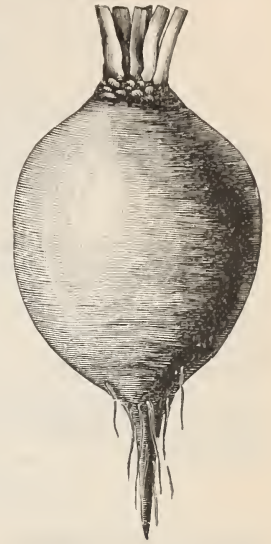
Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be well-decomposed compost, or the roots would be liable to be bad-flavored. The ground should be dug and ploughed deep and made mellow and fine. Sow the seed of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Ruta Baga sorts should be sown in drills fifteen inches apart, and for winter use may be sown from the twentieth of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. One ounce will sow 150 feet drill. Two pounds will sow one acre in drills. One pound will sow one acre broadcast.

	Pkt.	Oz.	Lb.
<b>Golden Ball.</b> A small, golden-yellow flesh variety, unsurpassed for table use . . . . .	.05	.10	.50
<b>Long White or Cow Horn.</b> Flesh white, fine graded and sweet, and of excellent quality . . . . .	.05	.10	.50
<b>Purple-Top Munich.</b> One of the best earlies, of good form and quality . . . . .	.05	.10	.50
<b>Purple-Top White Globe.</b> A round, handsome turnip of superior quality, either for the table or stock . . . . .	.05	.10	.50
<b>Purple-Top Milan.</b> The earliest of the flat Redtop Turnips, small strapped leaves, white, sweet, tender flesh . . . . .	.05	.10	.50
<b>Redtop Strap Leaf.</b> The best of the flat Turnips. Equally valuable for early or late crop . . . . .	.05	.10	.50
<b>White Egg.</b> A handsome egg-shaped white variety; grows large . . . . .	.05	.10	.50
<b>White-Top Milan.</b> The earliest of all turnips, very mild flavor . . . . .	.05	.10	.50
<b>White Norfolk.</b> One of the best late varieties for stock . . . . .	.05	.10	.50
<b>White-Top Strap Leaf.</b> Similar to the preceding, but not so popular . . . . .	.05	.10	.50
<b>Yellow Aberdeen.</b> Very hardy and productive; good for stock and table; keeps well . . . . .	.05	.10	.50
<b>Yellow Stone or Globe.</b> Of medium size, excellent flavor, and a good keeper; flesh yellow . . . . .	.05	.10	.50

See Special Offers on third page of cover.

**RUTA BAGA, or SWEDISH TURNIP.**

	Pkt.	Oz.	Lb.
<b>Budlong Swede.</b> A choice strain of white. Swede, said to be earlier and of better form than other sorts . . . . .	.05	.10	.50
<b>Improved American.</b> Flesh yellow, solid, sweet, and fine flavor . . . . .	.05	.10	.50
<b>Shamrock.</b> A globe-shaped, very hardy, fine-grained, yellow . . . . .	.05	.10	.50
<b>Skirving's Purple Top.</b> Large, yellow, firm flesh, sweet, and a good keeper . . . . .	.05	.10	.50
<b>St. Andrews.</b> A yellow flesh variety of excellent quality . . . . .	.05	.10	.50
<b>Sweet German.</b> Flesh pure white, very solid, sweet, mild, well flavored . . . . .	.05	.10	.50
<b>White French.</b> An excellent sort for table or stock. Flesh firm, white, and solid; a popular market variety . . . . .	.05	.10	.50



American P. T. Ruta Baga

**SWEET, POT, and MEDICINAL HERBS.**

These herbs are all of easy cultivation. Sow the seed as early in May as practical in shallow drills about fifteen inches apart, thin out when two or three inches high. Generally speaking, it is best to cut the herbs when in flower.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
<b>Anise</b> . . . . .	.05	\$0.15	<b>Fennel, Sweet</b> . . . . .	.05	\$0.15	<b>Rue</b> . . . . .	.05	\$0.25
<b>Arnica</b> . . . . .	.10	1.75	<b>Hop Seed</b> . . . . .	.10	1.00	<b>Saffron</b> . . . . .	.05	.20
<b>Balm</b> . . . . .	.05	.40	<b>Horehound.</b> . . . . .	.05	.25	<b>Sage</b> . . . . .	.05	.20
<b>Basil, Sweet,</b> . . . . .	.05	.40	<b>Hyssop</b> . . . . .	.05	.35	<b>Savory, Summer</b> . . . . .	.05	.20
<b>Borage</b> . . . . .	.05	.20	<b>Lavender</b> . . . . .	.05	.20	<b>Savory, Winter</b> . . . . .	.05	.20
<b>Caraway</b> . . . . .	.05	.10	<b>Lovage</b> . . . . .	.10	.40	<b>Sorrel, Broad-leaved</b> . . . . .	.05	.20
<b>Catnip</b> . . . . .	.10	.50	<b>Marjoram, Sweet</b> . . . . .	.05	.25	<b>Thyme, Broad-leaved</b> . . . . .	.05	.30
<b>Coriander</b> . . . . .	.05	.15	<b>Pennyroyal</b> . . . . .	.10	.60	<b>Wormwood</b> . . . . .	.05	.20
<b>Dill</b> . . . . .	.05	.15	<b>Rosemary</b> . . . . .	.05	.40			

**FRUIT, SHRUB and TREE SEEDS.**

Special Offers do not apply on these seeds.

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
<b>Apple</b> . . . . .	.05	.10	.50	<b>Barberry, Common</b> . . . . .	.10	.15	1.00
<b>Apricot Pits</b> . . . . .	.05	.10	.50	<b>Locust, Yellow</b> . . . . .	.10	.15	.50
<b>Blackberry</b> . . . . .	.15	1.00	10.00	<b>Ash, White</b> . . . . .	.10	.15	.75
<b>Currant</b> . . . . .	.10	.30	3.00	<b>Beech</b> . . . . .	.10	.15	.60
<b>Gooseberry</b> . . . . .	.15	.75		<b>Birch, White</b> . . . . .	.10	.15	1.50
<b>Peach Pits, per bush.</b> \$2.50.				<b>Cedar, Red</b> . . . . .	.10	.15	1.00
<b>Pear</b> . . . . .	.10	.25	2.50	<b>Elm, American</b> . . . . .	.10	.30	3.00
<b>Quince</b> . . . . .	.10	.25	2.50	<b>Maple, Sugar</b> . . . . .	.10	.20	1.00
<b>Raspberry</b> . . . . .	.10	.25	3.00	<b>Pine, White or Weymouth</b> . . . . .	.10	.20	1.00
<b>Strawberry</b> . . . . .	.10	.50	5.00	<b>Spruce, Norway</b> . . . . .	.10	.20	1.00
<b>Arbor Vitæ, Am.</b> . . . . .	.10	.30	2.00				

**BIRD SEEDS.**

None of our Special Offers apply on Bird Seeds.

<b>Sicily Canary</b> . . . . .	qt.	.15	<b>Millet, German</b> . . . . .	qt.	.10
<b>Hemp</b> . . . . .	.15		<b>Gravel, for Cages</b> . . . . .		.10
<b>Rape, German</b> . . . . .	"	.15	<b>Mocking Bird Food</b> . . . . .	lb.	.25
<b>Rape, English</b> . . . . .	"	.20	<b>Mocking Bird Food</b> . . . . .	bot.	.35
<b>Rice, Unhulled</b> . . . . .	"	.15	<b>Cuttle Fish Bone</b> . . . . .	J.	.25
<b>Flax</b> . . . . .	"	.15	<b>Song Restorer</b> . . . . .	bot.	.25
<b>Maw, or Poppy</b> . . . . .	"	.30	<b>Sorghum for pigeons,</b>		
<b>Parrot Food</b> . . . . .	"	.15	qt., .10; bush \$1.50.		

**SEEDS USED FOR FLAVORING, ETC.**

Special Offers do not apply on these seeds.

	Oz.	Lb.		Oz.	Lb.
<b>Anise</b> . . . . .	.10	.40	<b>Caraway</b> . . . . .	.10	.25
<b>Cummin</b> . . . . .	.10	.40	<b>Dill</b> . . . . .	.10	.50
<b>Coriander</b> . . . . .	.10	.25	<b>Fennel, Sweet</b> . . . . .	.10	.30
<b>Celery</b> . . . . .	.10	.50	<b>Medicinal Pumpkin,</b>	.10	.25



See Special Offers on third page of cover.

## VEGETABLE PLANTS AND ROOTS.

Special Offer No. 3 only applies to Vegetable Plants.

All are especially grown for our trade from choicest strains of seed.

### ASPARAGUS ROOTS.

	100	1000
Colossal, two year old roots . . . . .	\$1.00	\$7.00
The Hub, two year old roots . . . . .	1.25	10.00
Palmetto . . . . .	1.25	10.00

### CABBAGE PLANTS.

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

	100	1000
Early Jersey Wakefield . . . . .	\$1.00	\$8.00
Henderson's Summer . . . . .	1.00	8.00
Stone Mason . . . . .	1.00	8.00
Fottler's Brunswick . . . . .	1.00	8.00
For Winter Crop, Ready July 1st.		
Savoy American Improved . . . . .	.50	4.00
Fottler's Brunswick . . . . .	.50	4.00
Stone Mason . . . . .	.50	4.00

### CAULIFLOWER.

	100	1000
Breck's White Bouquet . . . . .	\$1.50	\$12.00
Snowball . . . . .	1.50	12.00

### CELERY PLANTS.

	100	1000
Boston Market . . . . .	\$1.00	\$8.00
Golden Self-Blanching . . . . .	1.00	8.00
Giant Pascal . . . . .	1.00	8.00
White Plume . . . . .	1.00	8.00

### CHIVES.

Used for flavoring soups, etc., each .15; dozen, \$1.25.

### EGG PLANTS.

	Doz.	100
New York Improved . . . . .	\$1.00	\$6.00
Black Pekin . . . . .	1.00	6.00

### TARRAGON PLANTS.

Each . . . . .	\$0.30
Per Dozen . . . . .	3.00

### HORSE-RADISH SETS.

Per dozen, 25 cents; per 100, 60 cents; per 1000 \$5.00.

### LETTUCE PLANTS.

	100
Boston Market Head . . . . .	\$0.75
Early Curled Simpson . . . . .	.75

### PEPPER PLANTS.

Large Bell or Bull Nose. Per doz., \$0.25; per 100, \$1.75.

### RHUBARB ROOTS.

Each . . . . .	\$0.20
Per dozen . . . . .	2.00

### SWEET POTATO PLANTS.

	100	1000
Nansemond . . . . .	\$0.75	\$6.00

### TOMATO PLANTS.

	Doz.	100
Breck's Belmont . . . . .	\$0.30	\$2.25
Acme . . . . .	.30	2.25
Paragon . . . . .	.30	2.25
Dwarf Champion . . . . .	.30	2.25
Livingston's Perfection . . . . .	.30	2.25

*"The neighbors are onto it (the quality); next year they will buy seeds from Breck."*

*—W. J. Wheeler, Worcester.*

This expression as to the quality of our seeds is only one of thousands.

## AGRICULTURAL SEEDS.

### GRAINS.

(Prices Subject to Market Change.)

Special Offer No. 3 only applies to seeds under this heading.

#### BARLEY.

	Per Bush.
Two-Rowed . . . . .	\$1.25
Four-Rowed . . . . .	1.00

#### BUCKWHEAT.

	Per Bush.
Silver Hulled . . . . .	\$1.10
Japanese, enormously productive . . . . .	1.10

#### OATS.

	Per Bush.
Welcome, fine variety . . . . .	\$0.80
Lincoln, unsurpassed . . . . .	.80
Black Tartarian, most prolific and distinct variety of black oats desirable for growing on meadow land . . . . .	1.50
Gray Winter or Turf . . . . .	1.50
Wild Rice, for naturalizing around duck ponds . . . . .	per lb. .25

#### RYE.

To avoid disappointment, we offer only New England grown Rye for seed purposes.

	Per Bush.
Spring . . . . .	\$1.50
Winter . . . . .	1.10

#### SPRING WHEAT.

	Per Bush.
Saskatchewan Fife, one of the best Spring sorts . . . . .	\$2.00
White Russian, beardless white chaff, amber-colored grain . . . . .	2.00

#### WINTER WHEAT.

	Per Bush.
Martin Amber, beardless heads, four to seven inches long, of amber color . . . . .	\$2.00
Clawson White, a well-known favorite sort . . . . .	2.25

See Special Offers on third page of cover.



## MISCELLANEOUS SEEDS.

### FOR FORAGE CROPS, PLOWING UNDER, ETC.

Special Offer No. 3 only applies to seeds under this heading.



Beggar Weed.

**BEANS, Breck's Soya.** The most suitable variety for cultivation in New England, valuable either as a fodder crop or for the silo. The dry beans when ground make an excellent meal for feeding to milch cows. When roasted and ground they form an excellent substitute for coffee. Quart, 20 cts.; peck, \$1.00; bushel, \$3.50.

—**Medium Green Soya.** Especially suitable for New England. Quart, 25 cts.; peck 1.25; bushel, \$4.00

**BEGGAR WEED (*Desmodium Molle*).** Recommended as a forage plant for thin, sandy lands. Sow about first of June in drills three feet apart, about five pounds per acre. Per lb., 40 cts.; 5 lbs., \$1.75.

**CORN, Broom.** This does best in a good, deep, moderately moist soil. 20 cts. lb., \$15.00 per 100 lbs.

—**Prehistoric.** A variety with a remarkable history. Of rapid growth, stout stalk, thickly set with leaves, three to five feet in length, four to seven inches wide. Said to produce four good ears to the stalk. Being a novelty, we recommend our customers to try it in a small way, and if it does just half of what is claimed for it, it will be more than satisfactory to the average planter.

Per quart, 25 cts.; peck, \$1.00; bush., \$3.00.

—**Jerusalem.** See Sorghum.

—**Kaffir.** See Sorghum.

**DHOURA.** See Sorghum.

**MILLET, Pearl (*Penicillaria Spicata*).** A valuable and very productive fodder plant; should not be sown until danger from frost is over. Drill, 18 inches apart, 10 pounds to acre. Lb., 15 cts., \$12 per 100 lbs.

**MILLET, Japanese Barnyard Grass (*Panicum Crus Galli*).** Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills eighteen inches apart, 15 lbs. to the acre. Price per lb., 12 cts.; 25 lbs. for \$2.50.

—**Breck's Japanese (*Panicum Miliaceum var. Japonica*).** In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best Millet yet introduced. Peck, 50 cts.; bushel, \$1.50.

**CLOVER, Crimson, German, or Scarlet.** Recommended as a valuable green manure crop and for an April green-food crop for cattle. Sow broadcast during July or August, 20 lbs. per acre. Per lb., 10 cts.; \$9.00 per 100 lbs.

**OATS, Gray Winter or Turf.** As hardy as winter wheat, and should be sown in August or September at the rate of one-and-a-half to two bushels per acre. They can be grazed late in the Fall or early Spring, without injury to the grain crop. The yield of grain on good soil is frequently from fifty to seventy bushels per acre. These oats are also valuable for Spring seeding. Per peck, 50 cts.; bushel, \$1.50.

**PEAS, Southern Cow.** Valuable both for fodder and as a green crop to plow under. Sow broadcast at the rate of one and a half to two bushels per acre.

—**Whippoorwill.** One of the earliest. Per quart, 20 cts.; per bushel, \$3.00.

—**Southern Yellow Eye.** Of rapid growth and a heavy cropper. Per quart, 20 cts.; per bushel, \$3.00. See Special Offers on third page of cover.



Millet, *Panicum Crus Galli*

**MISCELLANEOUS SEEDS.**—*Continued.*

- PEAS.** Clay or Wonderful. Will mature in New England. Per quart, 20 cts.; per bushel, \$3.00  
 —Southern Black Eye. A desirable sort. Per quart, 20 cts.; per bushel, \$3.00.  
 —Flat Forage (*Lathyrus Sylvestris*). A valuable perennial forage plant, does well on poor, sandy soil, its deeply penetrating roots enabling it to stand severe drought. The forage is relished by all farm stock. Plant the seeds thinly in drills one foot apart. Per oz., 20 cts.; lb., \$2.00.  
 —White Canada Field. Per bushel, \$1.35.  
 —Green Canada Field. Per bushel, \$1.35.  
 —Black Eye Marrow. Per bushel, \$1.75.  
**RAPE, Dwarf Essex.** Valuable for sheep pasture or for plowing under. If sown in May it will be ready for pasture in July. It may be sown as late as the end of July, and under reasonable conditions will produce a large amount of pasture or fodder. Broadcast, 10 lbs. to the acre. Per lb., 15 cts.; 100 lbs., \$9.00.  
**SACALINE** (*Polygonum Sachalanense*). A forage plant said to be suitable for growing on what are termed "waste lands." Seed should be started in the same way as cabbage, and the plants when large enough, set out four feet apart each way. Per pkt., 10 cts.; oz., 25 cts. Strong one-year-old plants, 10 cts each; \$8.00 per 100.

**SORGHUM.**

- Early Amber Sugar-Cane.** Ripens where Indian Corn matures. Per lb., 15 cts.; per 100 lbs., \$8.00.  
**Early Orange Sugar-Cane.** Ripens about ten days after Early Amber. Per lb., 15 cts.; per 100 lbs., \$8.00.  
**Brown Dhoura Corn.** Per lb., 15 cts.; per 100 lbs., \$8.00.  
**Yellow Branching.** (Yellow Millo Maize.) It is non-saccharine; used only for the large amount of foliage, green feed, or cured fodder that it furnishes, and for its grain. Per lb., 20 cts.; per 100 lbs., \$10.00.  
**White Branching.** (White Millo Maize.) The merit of this non-saccharine Sorghum is, that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. Per lb., 20 cts.; per 100 lbs, \$10.00.  
**Red Kaffir Corn or Sorghum.** Non-saccharine. The plant is low, stocky, perfectly erect. The whole stalk as well as the blades cure into excellent fodder, and in all stages of its growth is available for green feed. Per lb., 15 cts.; per 100 lbs., \$8.00  
**White Kaffir Corn.** Per lb., 15 cts.; per 100 lbs., \$8.00.  
**White African Sorghum, African Millet, or White Dhoura.** Per lb., 15 cts.; per 100 lbs. \$8.00.  
**Jerusalem Corn.** One of the best and surest for dry countries and seasons. Grows about three feet high, with one large head on main stalk and several smaller heads on side shoots. The grains are white and nearly flat. Per lb., 15 cts.; per 100 lbs., \$8.00.  
**SPURREY.** (*Spergula Arvensis*.) This plant will grow on land that is too dry and thin to support Clover, and so rapidly that three sowings may be made in one season. The crop may be fed both green and as hay. Sow broadcast 20 pounds per acre. Per lb., 12 cts.; per 100 lbs., \$10.00.  
**VETCHES—Spring Tares.** (*Vicia Sativa*.) Sown broadcast at rate of 1 to 1½ bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. A valuable plant. Per qt., 20 cts.; per bush., \$3.00.

**GRASSES.**

"And he gave it for his opinion that whoever would make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together."—SWIFT.



Timothy.

mand for the various soils and climates of America.

We invite special attention to our "Mixtures" for Permanent Pastures and Mowing Lands, which follow our descriptions. We have endeavored to bring into prominence a few important facts under the head of *Mixtures*, which, we think, cannot fail to be of interest to any one who is concerned in the laying down of profitable pastures, or who desire to obtain large crops of hay of choice quality from their fields.

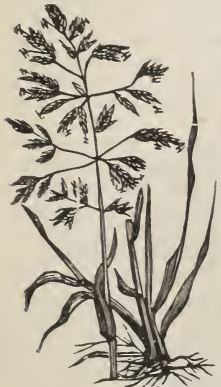
See Special Offers on third page of cover.

**Timothy** (Herd's Grass or Catstail) (*Phleum Pratense*). Root fibrous on moist soils; on dry soils often bulbous; perennial; flowers 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, without doubt, a most valuable grass for hay, especially in the North. It thrives best on moist, loamy soils of medium tenacity. Grows very readily and yields large crops on favorable soils. Should be cut just when the blossom falls. The hay is of best quality, yielding, under favorable circumstances, three or four tons per acre. (Per bushel, 45 lbs.)

**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, the luxuriance of its 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, where the subsoil is favorable, it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture with Timothy and Clover, and produces splendid crops of hay. This grass is sometimes condemned because of its coarse growth, which is only apparent when in a neglected condition, but with proper management no grass is more valuable. When pastured Orchard Grass should never be allowed to become coarse, but should be kept closely cropped. In this condition it is highly nutritive, and relished very much by all kinds of stock. (Per bushel, 14 lbs.)



Orchard Grass.



Kentucky Blue Grass.

**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, and is claimed by some to be the most valuable of all the grasses in our pastures. On the other hand, 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, while in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. Kentucky Blue Grass requires about 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, hence it is not suited for alternate husbandry, or where the land is to remain in grass two or three years, and be then plowed up. (Per bushel, 14 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 Timothy, after which the Red Top usually takes its place, and with some wild indigenous grass forms a close sward. When sown alone three bushels per acre are required, or 15 lbs. of the clean seed. (Per bushel, 10 lbs.)

Fancy or clean seed per bushel, about 40 lbs.



Red Top.



Perennial Rye 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 for lawns. For the latter purpose it is often sown by itself, and if cheapness is an object perhaps it is as good as could be sown, but we recommend the lawn mixture wherever practicable. Soil and treatment same as for Red Top (*A. vulgaris*). (Per bushel, 10 lbs.)

Fancy or clean seed, per bushel, 40 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. Cattle, sheep, and horses show a great partiality for it, and the pasture is generally eaten barest where this grass predominates. Does not thrive well on dry soils. (Per bushel, 14 lbs.)

**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. (Per bushel, 24 lbs.)

See Special Offers on third page of cover.

**Italian Rye (*Lolium Italicum*).** This is one of the most valuable grasses brought into notice during the present century. In nutritive value, earliness and quickness of growth after it has been mown, it by 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 and nutritive crops. (Per bushel, 18 lbs.)



Meadow Fescue.



Crested Dog's-Tail.



**Fowl Meadow (False Red Top, Duck Grass, Swamp Wire Grass), (*Poa serotina*).** Root slightly creeping; flowers in July and August. This perennial native grass is found on lowlands in many places, though it seldom takes full possession of the soil unless seed is sown. It has been largely introduced into New England, and is particularly adapted to moist, rich soils, such as the borders of rivers, ponds, etc., owing to the fact that an occasional overflow will not injure its growth. It may be mown at any time from June to October, as it never becomes so coarse and hard but the stalk is sweet and tender and eaten without waste. It

makes an excellent grass for oxen, cows, and sheep, but is thought too fine for horses. It is easily made into hay which is of a nutritive character. (Per bushel, 10 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. It endures the cropping of cattle and sheep probably better than any other variety of grass, making it, as stated above, well-nigh indispensable in all first-class permanent pastures. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. (Per bushel, 8 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. (Per bushel, 28 lbs.)

**Meadow Fescue (*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 sown mixed with other grasses. (Per bushel, 15 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. (Per bushel, 12 lbs.)

**Tall Fescue (*Festuca elatior*).** Root fibrous, somewhat creeping; perennial; flowers in 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. (Per bushel, 15 lbs.)



Sweet Vernal.



Italian Rye Grass.



Meadow Foxtail.



Hard Fescue.

See Special Offers on third page of cover.

**Hard Fescue** (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is regarded by some as a variety of the Red Fescue, though taller, and the panicle more open. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists the Summer drought, and develops remarkable verdure during Winter. It should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture and alternate husbandry. (Per bushel, 14 lbs.)

**Red or Creeping Fescue** (*Festuca rubra*). This grass is found growing 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. (Per bushel, 13 lbs.)

**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, and is largely used for this purpose. The seeds of this grass are scarce and most difficult to be had TRUE. An inferior variety of *Anthoxanthum* being sometimes offered at a low price by unscrupulous dealers, care ought to be exercised in buying. *Our seed is guaranteed to be the true Perennial Sweet Vernal.* (Per bushel, 11 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, and is particularly adapted to exposed and elevated situations, where it is found growing naturally. Cattle eat it readily, and it is much relished by sheep. The seed of this grass, like that of the Sweet Vernal, is scarce and most difficult to be had true. The seed we offer is guaranteed to be the true *Yellow Oat Grass.* (Per bushel, 11 lbs.)

**Tall Meadow Oat Grass** (*Arrhenatherum avenaceum*). 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. (Per bushel, 15 lbs.)

**Wood Meadow Grass** (*Poa nemoralis*). 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. Root fibrous, flowers in June and July. (Per bushel, 14 lbs.)



Sheep's Fescue.

## MILLETS.

See also page 39.

**Common Millet** (*Panicum Miliaceum*). Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast three-quarters of a bushel per acre from May first to August first. For grain, sow in drills, half-bushel to the acre, not later than June 20th. (Per bushel, 50 lbs.)

**German or Golden Millet** (*Panicum Miliaceum* var.). An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. The seeds are contained in rough, bristly sheaths, and are round, golden yellow, and beautiful in appearance. (Per bushel, 50 lbs.)

From close observation during the past few years, the fact has been established beyond doubt that seed of the German or Golden Millet grown in southern latitudes will produce a much larger yield of hay than from



Red Clover.

seed grown in northern or western sections of the country, and for that reason is far better for farmers to sow. We have a good stock of southern grown seed, and, knowing its value, confidently recommend it. Bear in mind that to the farmer, southern grown seed is worth double that of northern or western grown, as that seed is degenerated and hybridized with other millets.

**Hungarian Grass** (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre. It is very popular and valuable with those who are clearing timber lands. Like the common millet, it is an annual, and requires to be sown every season, but will produce a larger return than almost any other crop. (Per bushel, 48 lbs.)



White Clover.

## CLOVERS.

There are no plants so valuable for fertilizers as the Clover. They have the faculty of absorbing 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. (Per bushel, 60 lbs.)

See Special Offers on third page of cover.

**Medium Red** (*Trifolium pratense*). This is the common Red Clover in general cultivation, and too well known to need a general description. It is by far the most important of all varieties for the practical purposes of agriculture. When sown alone produces hay of splendid quality, and with Timothy or other grasses forms a desirable pasture. (Per bushel, 60 lbs.)

**Mammoth or Pea Vine** (*Trifolium pratense* var.). Grows five or six feet high; its stalks are so coarse and large that stock by its judicious use lands can be reclaimed, as it will clover will fail. (Per bushel,

**Alsike or Swedish** (*Trifolium* most hardy of clovers, and it resists cold and extreme moist soil yields an enormous a nutritive quality. Can be It is well suited to low lands rous roots spread over a large to resist the heaviest rains. sweet and fragrant, and much large amount of honey from

**Lucerne or Alfalfa** (*Medicago* succeeds well it is prob- of all clovers. It is not, how- the eastern or northern States, and southern. It requires a established, but when once a profitable crop for a number mous amount of green fodder, mencing to blossom. Al- it does not exhaust the soil, it. In States to which it is be obtained in one season.

**White Clover** (*Trifolium* Clover to the farmer is well in nearly every natural pas- soils. Being a deep-rooted on dry, sandy sections. It should form a part of all mixtures for permanent for alternate husbandry, when these crops are sown down for more than one year. (Per bushel, 60 lbs.)

**Crimson Clover** (*Trifolium incarnatum*). Is also known as Scarlet Clover and Carnation Clover. It is of rapid growth, and of great value where only one crop is desired, sown either alone or with Italian rye grass. It is an immense yielder, and can be fed green or made into hay. It may be sown in the fall for an early summer crop, or in the spring for cutting in July. (Per bushel, 60 lbs.)

## MIXTURES FOR PERMANENT PASTURES.

"One thing is certain: that good pasture land is the foundation of the riches of a farm."—SINCLAIR.

The oft-repeated complaints of wornout and exhausted pastures, made to us by some of our best New England farmers, have long impressed us with the fact that there must be something radically wrong with the manner in which our pastures are formed and cared for. Some remedy for this state of matters is imperatively necessary, and it seems to us that one most important line of improvement would be the sowing of a larger number of species of grasses in the laying out of these pastures.

As we have already expressed as our opinion, farmers, as a rule, in preparing their mixtures of grasses to be used in the laying down of permanent pastures, confine themselves to too few varieties, thus failing to arrive at the most profitable results. The chief properties which give value to a grass are nutritive powers, produce, early growth, and reproductiveness (that is, the property of growing rapidly after being cropped). If one species of grass could be discovered that possessed all these qualities in a superior degree to every other, there would be no necessity beyond that of botanical science for us to acquire the knowledge which enables us to distinguish the different species of grasses, the soils and subsoils best adapted to their growth, natural habits, and comparative value; but the results of all experiments have proven that a combination of all the merits and properties which give value to a grass is not to be found in any single species, or in fact in any two or three. In sowing a mixture or a number of different varieties we are but following nature, who can be always depended upon as the best teacher. This can be easily demonstrated by the careful examination of any old, rich, permanent pasture, on which will invariably be found fifteen or twenty species of grass or forage plants growing in great profusion. Where, however, it is left to nature to supply the necessary plants to make a rich and succulent pasturage, a great deal of valuable time is, of necessity, lost, or *seven or eight years* will elapse before the field will *naturally* assume the character of a rich and profitable pasture, while by *artificial* means the same result can be brought about in *one-fourth* the time.

In compiling any table of grasses and clovers to be used for permanent pasture purposes there are several important features to be taken into consideration. First, the proportion of plants which would be produced from the amount of each kind of seed sown should be determined, so that the undue predominance of any particular variety may be avoided. We have given this point special consideration in preparing our mixtures. A selection of grasses should be made that blossom at alternate months of the year, as it is a well-known fact that there is no month from April to September inclusive, in which some of the valuable grasses do not attain their full perfection.

See Special Offers on third page of cover.



Alsike Clover.

*lium hybridum*). This is the fast gaining popularity. It drought and wet, and on rich amount of hay or pasture of cut several times in a season. liable to wash, as its long, fib- area and hold the soil so as The heads are globular, very liked by bees, who obtain a them. (Per bushel, 60 lbs.)

*cago sativa*). Where this var- ably one of the most valuable ever, particularly adapted to but flourishes in all western fine mellow soil to get it firmly thoroughly fixed will produce of years. It yields an enor- and should be cut when com- though a prodigious yielder, but on the contrary improves adapted, four or five crops can (Per bushel 60 lbs.)

*repens*). The value of this known, and it is to be found ture. It is adapted to all plant, it withstands drought pastures, and is also valuable

By using a mixture comprising these species, it will be at once apparent that a rich and luxuriant growth will be secured throughout the entire season, which result cannot possibly be obtained if the stereotyped mixture usually recommended composes the sward. It would be almost impossible for us to give a series of tables which would comprehend all the variations of soils, altitudes and climates. We think, however, that those we have compiled will be found sufficiently comprehensive to meet all the contingencies that arise in ordinary farming.

These mixtures, which we recommend only after careful study and consultation with the best authorities, are of little or no value unless the seeds composing them are absolutely pure and true to name. We, therefore, especially request those who desire to obtain the best results from their mixtures for alternate husbandry, mowing lands, and permanent pastures, to avoid the probability of *disappointment* which would naturally attend the placing of orders with parties who have never given any degree of attention to this most important subject, and buy from us direct (or authorized agents), who are the first in this country to make a specialty of this branch of the seed business. We doubt if a full stock of all the grasses which form the components of our mixture could be found anywhere in the United States outside of our own establishment, and know they cannot be obtained in the same quantities and of equal quality.

In conclusion, we would say, that although pastures be formed in the best manner as recommended by us, with a combination of MANY different species of grasses, yet a judicious mode of treatment afterwards is as necessary to continue their value. By proper stocking and top-dressing, very indifferent pastures may be brought to a state of great fertility; but, on the contrary, the richest pastures by neglect of proper stocking, top-dressing, or by the too frequent repetition of hay crops, will become so unprofitable as to require many years to bring them again to their original value. This fact every practical farmer is well aware of, and after the proper mode of sowing and stocking has been determined on, a suitable top-dressing should be found. Under the head of Fertilizers, in another part of this Catalogue, will be found a reliable top-dressing, which we can strongly recommend as being specially adapted for pastures of this character.

**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 "	1 1/2 "	—
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	<i>Poa trivialis</i> . . . . .	—	2 "	4 "	6 "
Perennial Rye Grass . . . . .	<i>Lolium perenne</i> . . . . .	2 "	3 "	3 "	—
Meadow Foxtail . . . . .	<i>Alopecurus pratensis</i> . . . . .	1 "	2 "	2 "	2 "
Crested Dogstail . . . . .	<i>Cynosurus cristatus</i> . . . . .	2 "	1 "	1 "	4 "
Wood Meadow . . . . .	<i>Poa nemoralis</i> . . . . .	1 "	1 "	—	—
Yellow Oat Grass . . . . .	<i>Arena flavescens</i> . . . . .	2 "	1 "	—	—
Sweet Vernal . . . . .	<i>Anthoxanthum odoratum</i> . . . . .	2 "	1 "	—	—
White Clover . . . . .	<i>Trifolium repens</i> . . . . .	4 "	4 "	4 "	5 "
Alsike Clover . . . . .	" <i>hybridum</i> . . . . .	1 "	1 "	1/2 "	—
Perennial Red Clover . . . . .	" <i>pratense perenne</i> . . . . .	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

**ALTERNATE HUSBANDRY.**

**MIXTURES FOR MOWING AND GRAZING LANDS.**

As the pioneers of grass mixtures in this country, we naturally have great pleasure in learning from day to day and season to season that our remarks under the heading, "Mixtures for Permanent Pastures," are fast becoming universally admitted facts; and we predict, with confidence, that the time is not far distant when the practice of sowing only one or two varieties of grass seeds with the hope of obtaining the best results from it will pass, and the better and more profitable one of following nature's plan be adopted.

Many of our statements regarding Permanent Pasture Mixtures are equally pertinent when applied to Alternate Husbandry. It does not require much thought to convince any practical agriculturist that there is no basis to a system that employs the same quantity and kinds of grass seeds on all occasions, without regard to soil, duration of lay, or the condition in which the crop is to be used. 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

See Special Offers on third page of cover.



Crimson Clover



Lucerne Clover

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, consequently, 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 reseedling 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, Redtop, 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 equaled first crops of Timothy.

In making up the following tables the utmost care has been exercised, and we have no hesitation in recommending them to our patrons.

**BRECK'S SPECIAL MIXTURES FOR MOWING AND GRAZING LANDS.**

	1 or 2 Years' Mowing.			2 or 3 Years' Mowing or Grazing.			4 Years' Mowing or Grazing.			Permanent Mowing with occasional Grazing.		
	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	No. 11	No. 12	No. 13	No. 14	No. 15	No. 16
	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
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 Foxtail . . . . .	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foftail . . . . .	—	—	—	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 . . . . .	1 1/3	1 1/2	2	1 1/2	2	2	2	3	4	2	4	4
Sweet vernal . . . . .	1/4	1/2	1/2	1/2	1/2	1/2	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	1 1/2	2	2	2	2	1	1	2	1	1
White Clover . . . . .	—	—	—	2	1 1/2	1 1/2	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45

See Special Offers on third page of cover.



**NOTE.**

It will be noticed that the different tables are all based on the quantity required to sow one acre, so in ordering, our patrons will please state the number of acres for which the seed is desired. We shall, unless we are especially instructed to the contrary, put up each variety of seed in separate packages, packing the entire quantity necessary for one acre in a case. We recommend our friends to always buy their mixtures put up as above, and to refuse to receive them in any other shape. The advantage of buying the seed before it is mixed is very apparent, as it insures the purchaser obtaining the exact varieties and quantities which should compose the mixture he has ordered. This protection cannot be enjoyed where the seed is mixed before it is sent out.

**PRICES FOR JOSEPH BRECK & SONS' SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING AND GRAZING LANDS.**

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."

**PERMANENT PASTURES.**

For Light Soils.	For Medium Soils.	For Heavy Soils.	For Shady Places.
<b>No. 1.</b> Price Per Acre. \$10.00.	<b>No. 2.</b> Price per Acre. \$10.00.	<b>No. 3.</b> Price per Acre. \$9.50.	<b>No. 4.</b> Price Per Acre. \$9.50.

**ALTERNATE HUSBANDRY.**

For 1 or 2 Years' Mowing.			For 2 or 3 Years' Mowing or Grazing.			For 3 or 4 Years' Mowing or Grazing.			Permanent Mowing with Occasional Grazing.		
No. 5.	No. 6.	No. 7.	No. 8.	No. 9.	No. 10.	No. 11.	No. 12.	No. 13.	No. 14.	No. 15.	No. 16.
Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.	Light Soils.	Medium Soils.	Heavy Soils.
Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.
\$5.00.	\$5.00.	\$6.00.	\$6.00.	\$8.50.	\$8.50.	\$8.00.	\$9.50.	\$10.00.	\$10.00.	\$11.00.	\$11.50.

**Special prices for quantities for ten acres and upwards.**

While it is true that the mixtures which we have recommended are SEEMINGLY much more expensive than what is 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.

CAUTION.—Appreciating the fact that unscrupulous parties will probably offer mixtures for permanent pastures, mowing lands, and alternate husbandry, purporting to be the same as ours, we shall, as a matter of protection to both our patrons and ourselves, stencil or print on each case, and also on package containing each variety of seed, our name and address, and request our patrons before purchasing from any other source than ourselves direct, that they examine the case containing same, and if not stenciled as described they may know that IT IS NOT our mixture, and therefore not in any way entitled to our endorsement.

**PRICES OF AGRICULTURAL GRASSES AND CLOVERS.**

Subject to Market changes.

Special Quotations on Application.

KIND.		Price per lb.	Price per bush.	KIND.		Price per lb.	Price per bush.
R. I. Bent	<i>Agrostis canina</i>	\$0.25	\$2.25	Timothy	<i>Phleum pratense</i>	\$0.05	\$1.90
Red Top Chaff Seed	<i>Agrostis vulgaris</i>	.10	.80	Wood Meadow	<i>Poa nemoralis</i>	.40	7.00
Red Top Fancy Clean		.14	5.00	Blue Grass (fancy)	<i>Poa pratensis</i>	.13	1.75
Meadow Foxtail	<i>Alopecurus pratensis</i>	.30	2.25	Fowl Meadow	<i>Poa serotina</i>	.25	2.25
Sweet Vernal [true]	<i>Anthoxanthum odoratum</i>	.40	4.25	Rough Stalked Meadow	<i>Poa trivialis</i>	.40	8.00
Yellow Oat Grass	<i>Avena flavescens</i>	.70	6.75	Tall Meadow Oat	<i>Arrhenatherum avenaceum</i>	.30	5.25
Crested Dogstail	<i>Cynosurus cristatus</i>	.30	8.00	Hungarian Millet Grass	<i>Setaria germanica</i>	.03	1 10
Orchard Grass	<i>Dactylis glomerata</i>	.15	2.00	Common Millet	<i>Panicum Miliaceum</i>	.03	1.10
Hard Fescue	<i>Festuca duriuscula</i>	.15	2.00	Golden Millet	<i>Panicum Miliaceum var.</i>	.03	1.25
Tall Fescue	<i>Festuca elatior</i>	.35	5.50	Red Clover	<i>Trifolium pratense</i>	.12	
Sheep's Fescue	<i>Festuca ovina</i>	.15	1.80	Mammoth Red Clover	<i>Trifolium pratense var.</i>	.14	
Red Fescue	<i>Festuca rubra</i>	.20	2.50	White Clover	<i>Trifolium repens</i>	.20	
Meadow Fescue	<i>Festuca pratensis</i>	.25	3.50	Alsike Clover	<i>Trifolium hybridum</i>	.14	
Italian Rye Grass	<i>Lolium Italicum</i>	.10	1.80	Lucerne, or Alfalfa	<i>Medicago sativa</i>	.15	
Perennial Rye Grass	<i>Lolium perenne</i>	.09	2.00	Crimson Clover	<i>Trifolium incarnatum</i>	.10	

**"SATISFACTION."**

"The Lawn Grass Seed furnished by you on my orders of May and June, 1896, has given such satisfaction and our lawn has been so much admired that I am commissioned by the Granby Amateur Athletic Association, of which I am Vice-President, to negotiate with you for sufficient seed to thoroughly sow an area of 140,000 square feet, which will be used when finished as a cricket and lacrosse ground."

The above is an extract from a letter sent us Oct. 4, 1897, by H. L. GULLINE, Granby, P. Q., Canada.

See Special Offers on third page of cover.

**BRECK'S LAWN GRASS SEED.**

*By the courtesy of Luther Adams, Esq., of Newton, Mass., we produce here a partial view of his beautiful grounds. The fine lawns on Mr. Adams' estate are the product of BRECK'S LAWN GRASS SEEDS, and are but a fair representation of thousands of lawns raised from the same UNEQUALLED MIXTURE.*

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. feet. Price, per qt., \$0.25. One peck will sow 2,400 sq. feet. Price, per pk., \$1.25. One half peck will sow 1,200 sq. ft. " "  $\frac{1}{4}$  peck, .75. One bushel will sow 10,000 sq. ft. Price, per bush., 4.00. Four bushels will sow one acre.

We can supply other mixtures of so-called Lawn Grass Seed at competitive prices, but we recommend our own as being superior in every respect to all others. When desired we make special mixtures of Grasses to suit different soils and conditions.

**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 quart, 25 cents; peck, \$1.25; bushel, \$4.00.

**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 quart, 25 cents; peck, \$1.25; bushel, \$4.00.

**GOLF LINKS GRASS MIXTURE.**

Since the game of Golf became so popular in this country, we have had frequent demands for mixtures of grass seeds, suitable both for the Courses and Putting Greens, and adapted to low, damp, as well as the thinner dry soils on the elevations.

It will be readily understood that no one mixture would be suitable for the different conditions. We have, therefore, prepared three mixtures.

No. 1. For Putting Greens. Sow at the rate of eighty pounds to the acre. Per lb., 15 cents.

No. 2. For light and dry soils. Sow at the rate of fifty pounds to the acre. Per lb., 12 cents.

No. 3. For low and damp grounds. Sow at the rate of fifty pounds to the acre. Per lb., 8 cents.

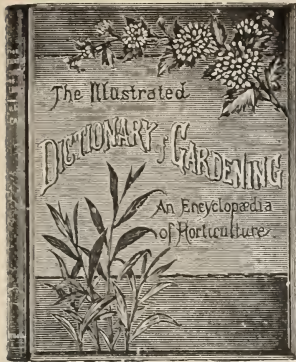
We will be glad to make special mixtures for other conditions of soil, etc.

*Do not use stable manure on your lawn. See page 59 for particulars of Breck's Odorless Lawn Dressing*

See Special Offers on third page of cover.

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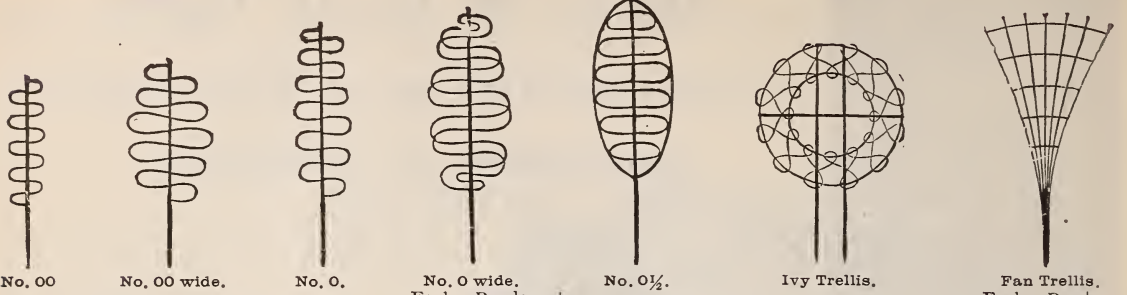
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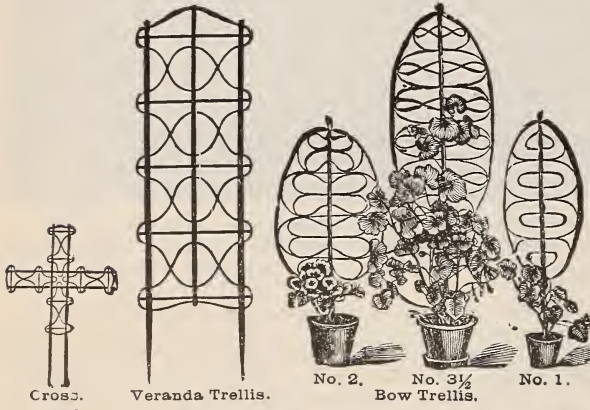
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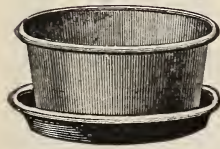
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9 "	2.15	16.00	9 "	.85	6.40	9 x 3 1/4 "	1.50	1.00
10 "	2.90	21.50	10 "	1.10	8.00	10 x 4 "	1.70	1.25
12 "	5.40	40.00	12 "	1.60	12.00			
13 "	8.00	60.00	13 "	2.15	16.00			
14 "	Each, .90		14 "	Each, .20				
15 "	" 1.20		15 "	" .25				
18 "	" 2.40		18 "	" .40				



### ROUND SEED PANS.

Size.	Each.	Per doz.	Per 100.
6 in.	\$0.06	\$0.65	\$4.80
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10 "	.20	1.95	14.50
12 "	.25	2.70	20.00
14 "	.45	5.40	40.00

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2 1/2 "	.07	.30	2.40	5 "	.15	1.20	10.35
3 "	.08	.45	3.90	6 "	.25	1.65	14.55
3 1/2 "	.09	.60	5.15				

Not less than one thousand at thousand rate.

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Natural wood finish. These are strong, light, and thoroughly serviceable.

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See Special Offers on third page of cover.

**WOOD POT LABELS.**

	Per 100	Plain	Painted		Per 100	Plain	Painted
		Per 100	Per 1000			Per 100	Per 1000
4 inch Pot Labels . . . . .	\$0.15	\$0.60	\$0.75	3½ inch Tree Label (iron wired)	\$0.15	\$1.00	\$1.25
4½ " " " . . . . .	.15	.65	.75	3½ " " " (copper wired)	.20	1.50	1.75
5 " " " . . . . .	.15	.70	.85	8 " Garden Label . . . . .	.40	3.50	—
6 " " " . . . . .	.15	.85	1.00	12 " " " . . . . .	.50	4.50	—
3½ " Tree Label (pierced)	.15	.60	.80				



**RUSTIC WORK.**

Strongly made from Natural Roots and Knots.

<b>Hanging Baskets.</b>		8 in.	9 in.	10 in.	11 in.	12 in.
Each . . . . .		\$0.80	\$0.90	\$1.00	\$1.10	\$1.20
<b>Window Boxes.</b>			18 in.	24 in.	30 in. long.	
Each . . . . .			\$1.20	\$1.50	\$2.00	
<b>Hexagon Stands.</b>	Height 26 and 31 inches.					
Diameter, . . . . .				16 in.	20 in.	24 in.
Each . . . . .				\$2.75	\$3.50	\$4.75
<b>Oblong Stands.</b>	Height			24 in.	28 in.	31 in.
Length . . . . .				18 in.	24 in.	28 in.
Each . . . . .				\$2.50	\$4.00	\$6.00
<b>Arm Chair.</b> No. 3. Each . . . . .						\$6.50
<b>Rustic Settee.</b> Length of seat . . . . .			2½ ft.	3½ ft.	4½ ft.	
Each . . . . .			\$5.50	\$7.50	\$10.00	

Any special size or design made to order.

**CARNATION SUPPORT.**

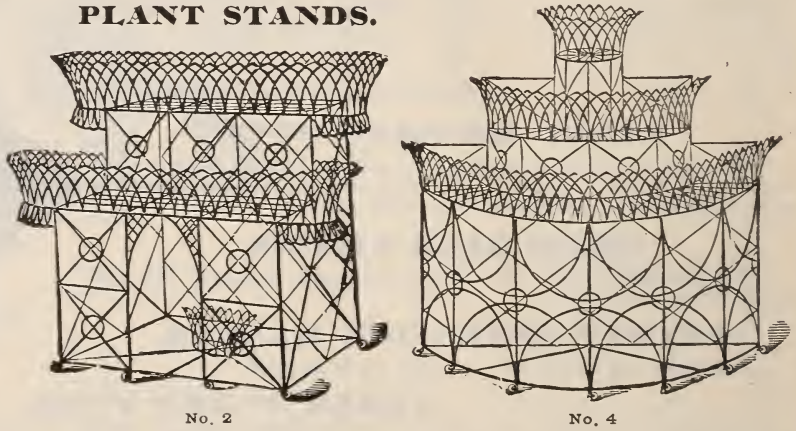
It is cheap, indestructible, is adjustable to different heights, is quickly placed in position; strings are unnecessary.

No. 1 is the standard size; it enters the soil 5 in., its height is 20 in. above foot-piece, and has 3 rings each 6 in. in diameter. Price, \$2.50 per 100.

**Wire.** These stands are most desirable, either for house use, or for conservatories. They are elegantly made, painted a beautiful green, mounted on porcelain castors, and finished with gold bronze, making them very attractive and ornamental.

- No. 1. Oblong Stand, 24 in. high, 30 in. long, 9½ in. wide. \$2.50.
- No. 2. Square Stand, with 2 shelves, 33 in. high, 18 in. deep, 33 in. long. \$3.25.
- No. 3. Is like No. 2, but has 3 shelves, 36 in. high, 24 in. deep, 33 in. long. \$4.00.
- No. 4. Semicircle stand, 36 in. high, 26 in. deep. \$4.75.

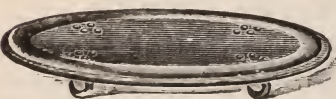
**PLANT STANDS.**



**Folding Wire.** Similar in appearance and size to the rigid wire stands; when not in use, the parts can be folded closely together for storing away. 2 shelves, \$2.25; 3 shelves, \$4.00.

**Wood.** Made of ash and varnished, half-circular shape. 3 shelves, 3 ft. 2 in. in height, each \$1.00; 4 shelves, 3 ft. 8 in. in height, each \$1.50.

**SAUCER TRUCKS for LARGE POTS and TUBS.**



These are made of Indurated Waterproof Fibre Ware, mounted on 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.

No. 1, 22 in. diameter, 5 castors, each . . . . .	\$1.50	No. 4, 17 in. diameter, 4 castors, each . . . . .	\$0.75
No. 2, 20 " " " " " " . . . . .	1.25	No. 5, 13 " " " 3 " " " . . . . .	.65
No. 3, 18 " " " " " " . . . . .	1.00		

**SAUCERS WITHOUT CASTORS.**

Made from Indurated Fibre Ware, prevents moisture passing through to injure table, floor or carpet.

6 in. . . . . each, 0.08, per doz., 0.80	10 in. . . . . each, .13 per doz., 1.12
8 " . . . . . " " " " " " .10, " " " " " " .90	12 " . . . . . " " " " " " .15 " " " " 1.25

Special Offer No. 3 only applies to articles on this page.

**FLORIST'S VASES.**

Special Offer No. 3 only applies to articles on this page.

Made of Indurated Fibre Ware, light, neat and clean.

No.	Diam.	Depth.	Each.	Doz.
	8 in.	13 in. (inside)	\$0.50	\$4.80
1	5½ "	10 "	.40	4.20
2	4½ "	9 "	.35	3.60
3	4 "	6 "	.30	3.00
4	3 "	4½ "	.25	2.40



**LADY'S FAVORITE SPRINKLER.**

This is the most practical sprinkler yet offered to use on house plants, cut flowers or for the laundry. Each, 75 cts.

**TOMATO SUPPORTS.**

**WIRE TOMATO SUPPORTS.**

Per doz., \$1.25.



**"TWO HOOP" WOOD TOMATO SUPPORT.**

Strong, light, practical, quickly set in position and can be stored from season to season in a small space. Per doz., \$1.00.

**"TIE JOINT" TOMATO SUPPORT.**

These supports are made of four upright and eight cross pieces of wood that are easily set and retained in position. They are durable, and can be stored away like so many canes when not in use. Per doz., \$1.75.

**"TOUGH ON FLIES."**

This article has been thoroughly tested in New England and is in every particular as represented.



Harmless and effective. One application instantly and positively relieves horses and cattle from all annoyance from *Green Heads*, the dreaded *Texas Heel Flys* well as from other *flies*, *gnats* and *insects* of every description for at least twenty four hours. It improves the coat of the animal and abolishes the use of fly nets. It prevents *thrush* and other hoof diseases. It is soothing and healing if applied to sores, and stands unrivalled as a disinfectant. Applied to cows, its wonderful effect in securing for them perfect rest and a chance to feed in peace quickly manifests itself in their improved appearance and by the increased quantity of milk given. It is the greatest compound of this progressive age. Recommended by thousands using it. One gallon lasts four head of horses or cattle an entire season. Price of "Tough-on-Flies": Quart cans, 50 cts., ½ gallon cans, \$1.00, gallon cans, \$1.50, and five gallon cans, \$1.40 per gallon.

**ANTI-FLY.**

A harmless, but effective preparation of drugs and chemicals to relieve horses and cattle from the annoyance of flies and other insects. It contains no tar, nor does it spoil the appearance of the animal's coat. Price, per qt., 50 cts.; ½ gal., \$1.00; per gal., \$1.50; 5 gal. cans, per gal., \$1.40.

**INSECTICIDE DISTRIBUTORS.**



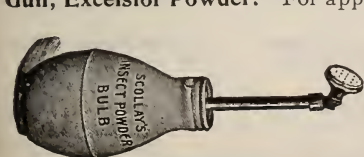
Liquid Spraying Bellows.

**Bellows, Woodason's for Liquid and Powder.** Though a little higher in price than other makes, these are really the cheapest bellows on the market, because they are well made of the *best materials*; consequently do better work and last longer. Large double cone, each, \$3.00; small single cone, each, \$1.00; liquid spraying, large, each, \$2.00; small, \$1.25.

**Houchin's Bellows.** Cheap and useful for applying insecticides in powder form. Nos. 11, 75 cts.; 14, \$1.00; 19, \$1.25.

**Dusters, Tin.** These have finely perforated bottoms for applying Paris Green, Slug Shot, etc. 20 cts. each.

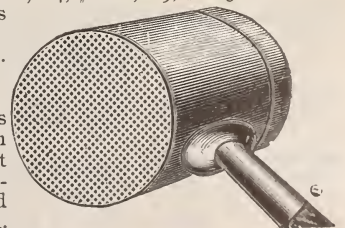
**Gun, Excelsior Powder.** For applying insect powders, etc. 15 cts. each.



**Cyclone Powder.** 15 cts. each.

**Blizzard Powder.** 10 cts. each.

**Powder Puff, Scollay's Insect.** This is a large, strong rubber bulb, with long metal neck and distributor set at an angle that enables the operator to apply either powder or liquid over or under the leaves. \$1.00 ea.



See Special Offers on third page of cover.

**SPRAYING CALENDAR.**

This calendar, in a concise way, gives our friends the benefit of the many experiments made by the Agricultural Colleges of the country for a number of years. It is believed they can be followed without danger to the crops and much profit to the grower.

The number of applications given in each case has particular reference to localities in which fungous and insect enemies are most abundant. If the crops are not affected at the time advised, the spraying is unnecessary. Know the enemy and the remedy, and apply them at the proper season, keeping in mind the fact that good judgment and prompt and persistent action is more necessary to success than any definite rules.

The applications to which an asterisk \* is prefixed are of most importance.

PLANT.	First Application.	Second Application.	Third Application.	Fourth Application.
<b>Apple.</b> Scab, codlin moth, bud moth.	When buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. For bud moth, Arsenites when leaf buds open.	*When blossoms have fallen, Bordeaux and Arsenites.	S-12 days later, Bordeaux and Arsenites.
<b>Cabbage.</b> Worms, aphid.	*When worms or aphid are first seen, Kerosene emulsion.	7-10 days later, if not heading, renew emulsion.	*7-10 days later, if heading, hot water 130° F.	Repeat third in 10-14 days if necessary.
<b>Carnation.</b> Rust and other fungous diseases, red spider.	*When rust is first noticed, Bordeaux. Kerosene emulsion when red spider is first seen..	*For rust repeat first in 10-14 days. For red spider repeat in 3-4 days.	Repeat second, using the Ammoniacal carbonate of copper if plants are in bloom.	Repeat second as before if necessary.
<b>Cherry.</b> Rot, aphid, slug.	As buds are breaking, Bordeaux; when aphid appears, Kerosene emulsion.	When fruit has set, Bordeaux. If slugs appear, dust leaves with air-slaked lime. Hellebore.	10-14 days, if rot appears, Bordeaux.	10-14 days later, Ammoniacal copper carbonate.
<b>Currant.</b> Mildew, worms.	*At first sign of worms, Arsenites.	*10 days later, Hellebore. If leaves mildew, Bordeaux.	If worms persist, Hellebore.	
<b>Gooseberry.</b> Mildew, worms.	*When leaves expand, Bordeaux. For worms, as above.	*10-14 days later, Bordeaux. For worms, as above.	*10-14 days later, Ammoniacal copper carbonate. For worms, as above.	*10-14 days later repeat third.
<b>Grape.</b> Fungous diseases, flea beetle.	In spring when buds swell, copper sulphate solution. *Paris green for flea beetle.	*When leaves are 1-1½ inches in diameter, Bordeaux. Paris Green for larvæ of flea beetle.	*When flowers have fallen, Bordeaux. Paris Green as before.	*10-14 days later, Bordeaux.
<b>Nursery Stock.</b> Fungous diseases.	*When first leaves appear, Bordeaux.	*10-14 days, repeat first.	10-14 days, repeat first.	10-14 days, repeat first.
<b>Peach Nectarine Apricot.</b> Rot, Mildew.	*Before buds swell, copper sulphate solution.	Before flowers open, Bordeaux.	*When fruit has set, Bordeaux.	*When fruit is nearly grown, ammoniacal copper carbonate.
<b>Pear.</b> Leaf blight, scab, psylla, codlin moth.	As buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. Kerosene emulsion when leaves open for psylla.	*When blossoms have fallen, Bordeaux and Arsenites. Kerosene emulsion if necessary.	*S-12 days later, repeat third.
<b>Plum.</b> Fungous diseases, curculio.	*During first warm days of early spring, Bordeaux for black knot. When leaves are off in the fall, Kerosene emulsion for plum scale.	*When buds are swelling, Bordeaux for black knot and other fungous diseases. During mid-winter, kerosene emulsion for plum scale.	*When blossoms have fallen, Bordeaux. Begin to jar trees for curculio. Before buds start, Kerosene emulsion for plum scale.	*10-14 days later, Bordeaux. Jar trees for curculio every 2-4 days. For San Jose scale, Kerosene emulsion when young appear spring and summer.
<b>Potato.</b> Scab, blight, beetles.	*Soak seed for scab in corrosive sublimate solution, 2 oz. to 16 gals. of water, for 90 minutes.	*When beetles first appear, Arsenites.	*When vines are two-thirds grown, Bordeaux. Arsenites for beetles if necessary.	10-15 days later, repeat third.
<b>Raspberry. } Blackberry. } Dewberry. }</b> Anthracnose, rust.	Before buds break, copper sulphate solution. Cut out badly diseased canes.	During summer, if rust appears on leaves, Bordeaux.	Repeat second if necessary.	*Orange or red rust is treated best by destroying entirely the affected plants.
<b>Rose.</b> Mildew, black spot, red spider, aphid.	For mildew. *Keep heating pipes painted with equal parts lime and sulphur mixed with water to form a thin paste.	For black spot. *Spray plants once a week with Ammoniacal copper carbonate, using fine spray.	For red spider. *Spray plants twice a week with kerosene emulsion. Apply to under side of foliage.	For aphid. *Spray affected parts with Kerosene emulsion when necessary.
<b>Strawberry.</b> Rust	*As first fruits are setting, Bordeaux.	As first fruits are ripening, Ammoniacal copper carbonate.	*When last fruits are harvested, Bordeaux.	Repeat third if foliage rusts.
<b>Tomato.</b> Rot blight.	At first appearance of blight or rot, under glass or out of doors, Bordeaux.	Repeat first if diseases are not checked.	Repeat first when necessary.	

For Aphides or Plant Lice use Kerosene Emulsion on all Plants.

See Special Offers on third page of cover.



## INSECTICIDES AND FUNGICIDES.

For Spraying Pumps and Appliances see Hardware Catalogue.  
Special Offer No. 3 only applies to articles on this page.

**Arsenate of Lead.** For spraying trees, etc. Does not burn the foliage. Per lb., 20 cts.

**Bisulphide.** For use in destroying lice on melons, cucumbers, and other plants. A light, tight cover of cloth or paper is put over the hill, and under it a teaspoonful of Bisulphide in a small vessel. In an hour every louse under the cover will be dead. Per pint, 30 cts.



**Breck's Liquid Anti-Ants.** A preparation that destroys or drives away ants from lawns, trees, etc. ½ pt., 30 cts.; pt., 50 cts.

**Breck's Anti-Ant Powder.** A preparation in powder form that contains the same qualities as the preceding, and can be used indoors as effectively as on small plants, flower beds, etc. Per box, 30 and 50 cts.

**Breck's Dalmation Insect Powder.** ("Bubach.") Manufactured especially for us from clean, dried flowers. It is put up in air-tight packages and keeps its strength indefinitely. It is invaluable to the housekeeper for the destruction of flies, fleas, roaches, and other noxious insects. Packed in four sizes, 10, 15, 25 and 40 cts.

**Breck's Bordeaux Mixture.** Sufficient to make 50 gals., \$1.00; for 20 gals., 50 cts.

**Bordeaux Mixture, Lenox Brand.** A liquid form, only requires water added to make it ready for use. 1 gallon makes 50 of proper strength for applying. Per gal., \$1.00; per qt., 50 cts.

**Bug Death.** A new, said to be non-poisonous, preparation that is an effectual substitute for Paris Green, although a little more expensive to use. 1 lb. package, 15 cts.; 5 lbs., 50 cts.; 12½ lbs., \$1.00.

**Bug Exterminator. "The Puritan."** For water-bugs, roaches, and ants. Per tin, 50 cts.

**Carbolic Purifying Powder.** For removing unhealthy odors. Small pkg., 25 cts.; 6 lb. pkg., \$1.00.

**Canker Worm Exterminator. (Morrill's Tree Ink.)** A sure protection to trees from the ravages of grub and canker worms. Directions with each can.

2-lb. Cans . . . . .	\$0.30	20-lb. Cans . . . . .	\$2.00
3-lb. " . . . . .	.45	28-lb. " . . . . .	2.80
5-lb. " . . . . .	.60	125-lb. Kegs, per lb. . . . .	.09
10-lb. " . . . . .	1.10	460-lb. Barrels, " . . . . .	.07

**Caterpillar. Lime. (Ermisch's Raupenleim.)** This is a German preparation. Recommended by the Royal Ministry of Agriculture, and also by several U. S. Agricultural Experiment Stations as being superior to any yet offered to prevent the ravages of grubs, cankerworms, etc. It is applied in the same way as Tree Ink, and is more lasting and effective. 5-lb. cans, \$1.00; 10-lb. cans, \$1.75; 25-lb. cans, \$4.00; 50-lb. keg, \$6.75; 100-lb. keg, \$12.75; in barrels of about 250 lbs., per lb., 11 cts.

This article is higher in price than other preparations for the purpose but the long effectiveness of a single application compared with that of others makes it really the cheapest.

**Dip, McDougall's Sheep.** An effective, non-poisonous preparation for killing vermin on sheep, cattle, and domestic animals. Per lb., 50 cts.; qt., 75 cts.; ½ gal., \$1.50; 1 gal., \$2.50.

**Dip, Leggatt's Sheep.** An American article for the same purpose as the preceding. Per qt., 75 cts.; ½ gal., \$1.50; 1 gal., \$2.50.

**Disinfecting Powder. Searle's.** A powerful deodorizer in powder form. Per can, 25 cts.

**Eciffo.** A sure cure and prevention of water bugs, cockroaches, etc. Per tin, 50 cts.

**Fir Tree Oil. Soluble.** An invaluable preparation for destroying all insects and parasites that infest fruit trees, plants and animals, whether on the foliage or at the roots of the plants. Per qt., \$1.25; pt., 75 cts.; ½ pt., 50 cts.

**Fir Tree Oil Soap.** This article contains no poison, yet is quite effective in destroying red spider, mealy bug, aphid, etc. It can also be used in the garden against potato bugs, cabbage worms, currant worms, black fly, etc. ½ lb. tin, 25 cts.; 2-lb. tins, 75 cts.

**Fostite.** A light powder that can be evenly applied with a bellows; destroys mildew, black rot, and rust. Per 5-lb. pkg., 50 cts.

**Fruit and Flower Soap.** An effective, general insecticide. Pkg., 25 cts.

To prevent mildew on grapes and other fruits and vegetables, rotting of tomatoes, potatoes, and all diseases of a fungous character, apple scab and mildew, pear leaf blight, plum fruit rot, cherry, gooseberry, strawberry and celery blight, 1-lb. boxes, 15 cts. each; 5-lb. boxes, 75 cts. each.

### LEGGETT'S FUNGIROID A POWDERED BORDEAUX MIXTURE

**Grape Dust.** Destroys mildew on grape vines. Can also be used in the garden for mould, mildew, or rust mites. 5-lb. pkg., 35 cts.

**Hellebore. Breck's Pure Powdered.** We furnish a guaranteed pure article; ground from fresh roots. It is easily applied either in liquid or powder form and destroys currant worms, rose slugs, etc. Each package has special directions for its effective use. Packed in three sizes, air-tight packages, 10, 15, and 25 cts. each.

**Kill-M-Right.** A soap that is specially prepared to be applied with the "Stott" sprayers. It destroys red spider, mealy bug, aphid, etc. 5-lb. tins, \$1.75; 10-lb. tins, \$3.25; 20-lb. tins, \$6.00.

**Kerosene Emulsion. Breck's.** For plant lice, scale, cabbage worm, etc. (See Spraying Calendar.) Per qt., 25 cts.; gal., 50 cts.; 5 gal., \$1.25.

**Kerosene Emulsion.** A paste preparation of this invaluable insecticide. Destroys plant lice and sucking insects of all kinds. 1-lb. can makes 10 gals. spray, 15 cts.; 5-lb. can, 50 gals. spray, 60 cts.; 25-lb. can, 250 gals. spray, \$2.50.

**Little's Antipest.** A safe and sure preparation for the destruction of all insect pests, equally suitable for greenhouse, garden and orchard. Per pt., 60 cts.; qt., \$1.00; gal., \$2.50.

**London Purple.** For spraying fruit trees, potatoes, etc. 1 lb., 25 cts.

See Special Offers on third page of cover.

Special Offer No. 3 only applies to articles on this page.

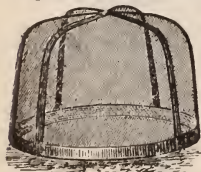
- Lemon Oil Insecticide.** Per qt., \$1.00; per gal., \$3.00.
- Nikoteen.** Packed in pint bottles; each bottle contains all the Nikoteen obtained from two hundred pounds Tobacco Stems. A cheap, clean, and safe insecticide. Pint bottle, \$1.50.
- Paris Green, Breck's Guaranteed Pure.**  $\frac{1}{4}$  lb., 10 cts.;  $\frac{1}{2}$  lb., 15 cts.; 1 lb., 30 cts.
- Paris Green and Fungicoid.** Per pkg., 40 cents.
- Powell's Guicide Powder.** For potato blight, potato rot, grapevine flea beetle, potato bugs, pear and cherry slugs, codling moths, curculio and strawberry crown borers. Can be used either dry or in solution. 25-lb. boxes, .06 per lb., \$1.50 per box.
- Powell's Copperdine.** A paste poisonous to human and animal life, a combined fungicide and insecticide. A substitute for Bordeaux mixture; requires no preparation except the addition of water. 1-lb. can makes 16 gals. of spray, 25 cts.; 5-lb. cans, 80 gals. spray, \$1.00; 25-lb. cans, 400 gals. spray, \$4.50.
- Powell's Quassaine.** In paste form. 1-lb. cans make 25 gals. of spray, 25 cts.; 5-lb. cans, 125 gals. spray, \$1.25; 25-lb. cans, 625 gals. spray, \$4.50.
- Powell's Bordeaux Mixture.** Ready for use by simply adding water. 1 lb., 5 gals. spray, 25 cts.; 5 lbs., 25 gals. spray, 60 cts.; 10 lbs., 50 gals. spray, \$1.00; 25 lbs., 125 gals. spray, \$2.50.
- Slug Shot.** Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows. Price, 5-lb. pkg., 30 cts.; 10-lb. pkg., 50 cts.; in barrels of about 225 lbs., 4 cts. per lb.
- Soa., Pinner's Tobacco.** Manufactured from the essential oil of tobacco, for the destruction of all insects, parasites and their eggs. Per lb., 50 cts.;  $\frac{1}{2}$  lb., 30 cts.
- Soap, Whale Oil.** For destroying insects on plants, trees, vines, etc., for washing down the bark of trees, grapevines, etc. In boxes, 1-lb., 15 cts.; 2 $\frac{1}{2}$ -lb., 35 cts., in buckets of about 14 lbs., \$1.75.
- Soap, Sulpho-Tobacco. Rose's Perfected.** Does perfect work on all insects affecting flowers, trees, and animals. In tin boxes, sufficient for 10 gals. of water, 25 cts.
- Spanish Pink.** A safe and effective article for the destruction of cabbage and web-worms, caterpillars, and other chewing insects that affect cabbage, squash, cucumbers, melons, etc. Non-poisonous. 35 cts. per lb.
- Sulphate of Copper. (Blue Stone).** Per lb., 8 cts.
- Sulphur, Flowers of.** Used to prevent and cure mildew on plants. 8 cts. per lb.; \$6.00 per 100 lbs.
- Tobacco Extract. Black Squall Brand.** Pure, highly concentrated; hydrometer test, after Beaume's scale 40 degrees, temperature 60 degrees Fahrenheit, being of uniform strength, is always effective. It can be applied by vaporizing or spraying. It effectually destroys green fly, red spider, and scale. Per pt., 25 cts.; per qt., 40 cts.; per gal., \$1.00; 5 gals., \$4.00.
- Tobacco Extract. Rose Leaf Brand.** A perfectly pure, aqueous extract, highly concentrated and always uniform in strength of nicotine poison. Destroys green fly, mealy bug, red spider, and scale. Pts., 25 cts.; qts., 45 cts.; 1 gal., \$1.25; 5 gals., \$5.00.
- Tobacco and Sulphur Powder.** Prevents and cures mildew. Kills green and black fly and other insects. 10 cts. per lb.; \$6.00 per 100 lbs.
- Tobacco Dust.** Very finely pulverized. A valuable insecticide and fertilizer. 5 cts. per lb.; \$2.00 per 100 lbs.
- 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. \$1.00 per bbl.; \$2.50 per ba e.
- XL-ALL Liquid Insecticide.** For syringing, spraying, dipping, or sponging. Destroys all insects, especially effective against mealy bug and red spider. Can be used without injury in graperies, even when the fruit is in an advanced stage of growth. Pt., 75 cts., qt., \$1.25.
- XL-ALL Vaporizing Compound.** The safest, cheapest and most effectual fumigating preparation extant. It destroys mealy bug, thrip, and all kinds of aphids. Price per bottle, No. 1, \$8.25; No. 2, \$4.50; No. 3, \$2.25; No. 4, \$1.15. The smallest bottle is sufficient to fumigate 5,000 cubic feet. Fumigators, large, \$1.00; medium, 85 cts.

## MISCELLANEOUS REQUISITES.

- Baskets, Verbena.** Wood or wire handles. Standard size per 100, \$2.00; per 1000, \$18.00. Large size: 12 in. long, 7 in. wide, 3 in. deep, per 100, \$3.00; per 1000, \$25.00.
- Caps, Hay, Breck's Improved,** brown, medicated, complete with ropes and pins, 50 cts. each; \$45.00 per 100.
- Color, Improved Butter.** Wells, Richardson & Co.'s imparts the "golden tint of June" to butter at all seasons of the year. Bottles sufficient for 500 lbs., 25 cts., 1250 lbs., 50 cts.; 3000 lbs., \$1.00.
- Color, Hanson's Butter.** A universal favorite, bottles, 25 cts., 50 cts., and \$1.00 each.
- Cotton Batting.** For packing flowers, etc., per sheet, 6 cts.

## GLAZIER'S POINTS, VAN RIPPER'S.

- The only durable and reliable points. Made of galvanized steel wire; no rights and lefts. Price, per box of 1000, 60 cts.; by mail, 75 cts. Pincers for driving same, 40 cts.; by mail, 50 cts.
- Mats, Archangel.** An excellent light covering for frames, hotbeds, etc., 75 cts. each.
- Mats, Straw** for hotbeds, etc., 6x6, \$1.50 each. Other sizes to order.
- Paper, Waxed,** for packing flowers, etc., per lb., 30 cts.



**Paper, White,** for packing flowers, etc., per lb., 10 cts.

**Paper, Wrapping.** Strong manilla, per lb., 8 cts.

**Paper, Tarred,** for using with tree ink, in rolls about 50 lbs., per lb., 4 cts.

**Protectors, Arlington Plant.** Protects from bugs, borers and fowls, also subdues wind, rain and cold, 15 cts., each; doz., \$1.50.

**Protecting Cloth for Hot Beds.** Used as a substitute for glass for protecting plants in early spring, in pieces of 40 yards, 10 cts. per yard.

**Putty Bulbs.** A simple and useful device for applying putty to sashes, \$1.00 each.

See Special Offers on third page of cover.

**Rosita.** A strong and cheap material for tying plants, per lb., 30 cts.  
**Sprinklers.** Scollay's Rubber, an indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc., three sizes, 50 cts., 75 cts., and \$1.00 each.

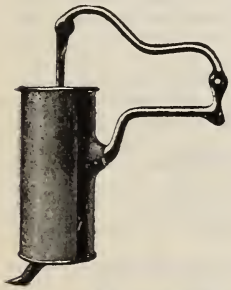


**Sashes for Hot Beds.** Extra well made from thoroughly seasoned lumber, frame 1½ in., 3x6 ft., \$2.25; 1¾ in., 3x6 ft., \$2.40 each. Unpainted and unglazed sashes, from \$1.15 to \$1.35 each.  
**Sieves, Wire.** For preparing potting soil, sifting loam, gravel, etc., from 16 to 20 inches diameter, 85 cts. to \$1.50 each.  
**Stakes, Cane.** These are light, strong and durable. They vary in length from 6 to 10 ft. Florists use them much, and cut them to any desired length. \$1.00 per 100; \$4.00 per 500.  
**Stakes, Unpainted Hardwood.** These are especially adapted for florists' use. They are neat and strong, 2 ft., per 100, 25 cts., per 1000, \$1.75; 3 ft., per 100, 30 cts., per 1000, \$2.25; 4 ft., per 100, 45 cts., per 1000, \$3.00.  
**Silkline.** Used by florists for growing Smilax and Asparagus on, also for tying in bouquet work, per reel, 25 cts.

**Soil, Prepared Potting, Rotted Fibrous Peat, Leaf Mould,** 50 cts. per pk., \$1.00 per bu., \$2.00 per bbl.  
**Sphagnum Moss.** \$1.00 per bu., \$2.00 per bbl.  
**Tinfoil.** For bouquets. Per lb., 15 cts.  
**Twine.** Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.  
**Twine, Parceling.** All sizes. Per ball, 10 to 25 cts.  
**Tape, Electric.** Exceedingly useful for mending Rubber Hose. It is a strong, adhesive ribbon, three-quarters of an inch wide, can be wound tightly around a leaking part and thus stop it. Per coil, 25 and 50 cts.

**Wire, Bouquet, Nos. 23 and 24.** Per stone, \$1.50.  
**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., ½ lb., and ¼ lb. pkgs., price, 40 cts. 25 cts., and 15 cts., respectively.

**Mastica.** For Glazing Greenhouses, new or old, Elastic, adhesive, easy to apply. Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing that is satisfactory for any length of time. After much study the inventor of "Mastica" decided that the composition must be of different materials from that used heretofore for this purpose, must be elastic and tenacious, and these qualities must be retained to admit of expansion and contraction without cracking. This result has been reached in "Mastica" which, when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance and preventing the evaporating of the liquids, and remains in a soft, pliable, and elastic condition for years. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" can be bed in or use on the outside, with a machine. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Put up in gallon, \$1.00; half gallons, 60 cts.; quarter gallons, 35 cts. Machines for applying, \$1.00 each.



Mastica Machine

Special Offer No. 3 only applies on the above articles.



(Prices subject to change.)

**BRECK'S POULTRY AND SWINE MEAL.**

This article is the most complete animal food for poultry obtainable. It is concentrated, pure, palatable and effective. It was first offered to the American public in 1893, but it has since that time found its way into the yards of the most progressive poultry men in the country, because it is superior in every respect to all other meals made from meat or animal matter.

100 lb. bag, \$2.25; 50 lb. bag, \$1.50; trial bag (a month's supply for thirty hens) \$1.00

**Ground Oyster Shells.** 100 lb. bags, 65 cts. per 100 lbs.; in bbls. of 250 lbs., 65 cts. per 100 lbs.

**Granite Crystal Grit.** 50 lb. bag, 75 cts.; 100 lb. bag \$1.00.

**Mica Crystal Grit.** 50 lb. bag, 65 cts., 100 lb., 90 cts.

**Cracked Poultry Bone.** Per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**—Bone Meal for Poultry and Cattle.** 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Flour of Bone.** 50 lb. bags, \$1.50; 100 lb. bags, \$2.50; per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Ground Beef Scraps.** 50 lb. bags, \$1.50; 100 lb. bags, \$2.50.

**Fish Meal. (Desiccated Fish.)** 50 lb. bag, \$1.25; 100 lb. bag, \$2.00.

**Cut Clover Hay.** 50 lb. bags, \$1.25; 100 lbs. \$2.00.

**Wheat.** \$1.75 to \$2.00 per 100 lbs., according to quality. Net.

**Wheat Screenings.** \$1.25 to \$1.75 per 100 lb. bag, according to quality. Net.

Poultry Supplies, except as marked Net are subject to offer No. 1 in N. E. Outside of N. E. Offer No. 3 only applies.





**FERTILIZERS.**

**BRECK'S FLOWER FOOD.**

This preparation is perfectly odorless and clean to handle. It is the most concentrated, safest and effective plant food on the market. Soluble in water, and no trouble whatever to prepare for use. It promotes a healthy vigorous growth of wood, leaf and flower. Put up in two sizes — beautiful lithographed boxes.

No. 1, sufficient for 30 plants for one year, 25 cts.; by mail, 40 cts.

No. 2, sufficient for 30 plants for three months, 15 cts.; by mail, 20 cts. **Bradley's Lily Brand Flower Food.** No. 1, 25 cts.; by mail 50 cts. No. 2, 15 cts.; by mail, 25 cts.

**IMPERIAL LIQUID PLANT FOOD.**

This preparation is said to contain all the food necessary for a healthy growth. It is recommended to market gardeners for feeding lettuce and other greenhouse crops, and to florists for general use. It is in a liquid form and will be appreciated



by those who grow plants in the house. Per pt. 25 cts.; qt. 40 cts.

**BRECK'S LAWN AND GARDEN DRESSING.**

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the Market. It is manufactured expressly for us and we vouch for its containing all the constituents required to produce a luxuriant growth. We believe beyond a question that ours is the only absolutely odorless Lawn Dressing. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a firmer growth, which remains rich, green and velvety throughout the season. 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. In making new lawns apply at the same time the seed is sown and rake in with the seed. 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. It is equally as suitable for flower beds and all vegetable crops as for the lawn.

**FOR LAWNS.**

Trial bag for	1,000 square feet	\$0.50
"	2,500 "	1.00
"	50-lb. bags for 5,000 sq. ft.,	1.75
"	100 lb. " ¼ acre	3.00

**FOR FLOWER BEDS AND THE KITCHEN GARDEN.**

25-lb. bags for	600 square feet	\$1.00
50-lb. "	1,200 "	1.75
100-lb. "	2,500 "	3.00
200-lb. "	½ acre "	5.50

**BRECK'S MARKET GARDEN MANURE.**

Not subject to either of our special offers, but a discount of 5% may be deducted when cash accompanies order.

A high grade, properly balanced, chemical fertilizer that is especially recommended to market gardeners and farmers for potatoes and all vegetable crops. 50 lbs., \$1.00; 100 lbs., \$1.70; ton, \$32.00.

**PERUVIAN GUANO.**

For forcing early vegetables or second garden crops, the brand "No. 1 Guaranteed," Peruvian Guano, is especially recommended. It is generally used by florists, and nothing is better for house plants than a weak solution applied once or twice a week.

PRICE: Per ton		} Net, F. O. B. {	\$65.00		
" 100-lb. bag				} Boston. {	4.00
" 1-lb. package					.10

**UNLEACHED HARD-WOOD ASHES.**

We can supply direct from one of the most careful collectors in Canada, Unleached Hard-wood Ashes. Price on carload lots delivered at any point upon application.

PRICE: Per ton, in barrels	} Special offer No. 3 only {	\$16.00
Per barrel		

**SHEEP MANURE.**

This is a pure natural manure, and nutritious food for plants. Its effect is immediate. It is the best of all manures for mixing with the soil for green-house plants—one part manure and six parts soil. Price, in bags of 100 lbs. each, \$2.25; per ton, \$40.00. Sheep manure at ton price is net F. O. B. Boston; smaller quantities as quoted are subject to Special Offer No. 3 only.

**PLASTER DUST.**

For destroying insects upon vines. Per 5-lb box, 15 cts.; 25-lb bag, 50 cts.; barrels of about 150 lbs., \$2.00 per barrel. Net F. O. B. Boston.

See Special Offers on third page of cover.

**STURTEVANT'S GRANULATED TOBACCO AND SULPHUR.**

**LAWN DRESSING AND GARDEN FERTILIZER.**

It prevents the ravages of worms on the lawn, and tends to keep plants free from insects. It should be used at the rate of 50 lbs. per 1000 square feet. Price, for 100-lb. bag, \$2.50, per 50-lb. bag, \$1.50, per 25-lb. bag, \$1.00.

**JADOO FIBRE AND LIQUID.**

Nothing like it for sprouting seeds or making roots and growth in —  
**Fibre.** Per bag, 3½ cts. per lb.; 25-lb. box, \$1.25; 10-lb. box, 60 cts.; 5-lb. box, 35 cts.  
**Liquid.** 5-gallon can, \$5.00; 2-gallon can, \$2.50; pint bottles, 25 cts. each. } **Jadoo preparations net f. o. b. Boston.**

**MAPES MANURES.**

These are the standard Special Crop Fertilizers of the world. They may cost a little more than some other "complete manures," but they give far better results in the field.

We are the sole Boston Agents, also for some other New England sections. Pamphlets giving full information in regard to the Manures mailed free.

Our Special Offers do not apply to Mapes Manures, but we allow five per cent discount for cash payments. F. O. B. Boston.

**Potato Manure.** For Irish and sweet potatoes; also for asparagus, early vegetables, tomatoes, sugar beets, fruits, sorghum and sugar cane. Per bag of 200 lbs., \$3.90; three bags and over, \$38.00 per ton.

**Fruit and Vine Manure.** For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries and all small fruits. Is slow in effects. Per bag of 200 lbs., \$4.00; three bags and over, \$39.00 per ton.

**Complete Manure (for heavy soils)** For use on heavy or clay soil, for wheat, rye, oats, seeding grass, or spring top-dressing of meadows, pastures, etc., *any soils* where *small* quantity of potash, but large quantities of ammonia and phosphoric acid are required. It is very safe for use around young plants, nursery work, strawberry vines. Is very forcing. Per bag of 200 lbs., \$4.00; three bags and over, \$39.00 per ton.

**Complete Manure (for light soils.) Early Vegetable or truck Manure.** for all kinds of soils, light or heavy, use broadcast; special for onions, also on light soils for asparagus, sweet potatoes, melons, tomatoes, wheat and seeding to grass. Per bag of 200 lbs., \$4.20; three bags and over, \$41.00 per ton.

**Complete Manure ("A" brand.)** For use in hill or drill on all crops, particularly in connection with farm manures. Special for peas, beans, buckwheat and turnips. Per bag of 200 lbs, \$3.50, three bags and over, \$34.00 per ton.

**Complete Manure (for general use.)** A substitute for stable manure. For use on all crops and all soils with or without stable manure. Use broadcast; use sparingly if put in hills. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag of 200 lbs., \$3.70; three bags and over, \$36.00 per ton.

**Corn Manure.** For sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass. Per bag of 200 lbs., \$3.50, three bags and over \$34.00 per ton.

**Cauliflower and Cabbage Manure.** Ammonia, 5.50 to 6.50 per cent; phosphoric acid, 6 to 8 per cent; actual potash, 8 to 10 per cent. Per bag of 200 lbs., \$3.80; three bags and over, \$37.00 per ton.

**Grass and Grain Spring Top Dressing.** Ammonia, 5 to 6 per cent; phosphoric acid, 7 to 9 per cent; actual potash, 5 to 7 per cent. Per bag of 200 lbs., \$4.10; three bags and over, \$40.00 per ton.

**STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.**

These goods are so well known in New England that any remark from us regarding them is uncalled for.

Stockbridge Potato Manure, for one acre without stable manure,*	1000 to 1500 lbs.	} <b>Stockbridge Special Manures.</b> \$2.00 per 100-lb. bag. \$38.00 per ton.
Stockbridge Corn Manure, " " "	600 to 1200 lbs.	
Stockbridge Grass Manure, Top Dressing, " " "	300 to 600 lbs.	
Stockbridge Seeding Down Manure, " " "	600 to 800 lbs.	
Stockbridge Vegetable Manure, " " "	1000 to 2000 lbs.	
Stockbridge Fruit Manure, " " "	1000 to 2000 lbs.	
Stockbridge Root Manure, " " "	600 to 1500 lbs.	
Stockbridge Asparagus Manure, " " "	1200 to 2000 lbs.	
Stockbridge Celery Manure, " " "	1500 to 2000 lbs.	

**Bowker's Hill and Drill Phosphate.** Per 50-lb. bag, \$1.00; 100-lb. bag, \$1.70; per ton, \$34.00.  
**Bowker's Fresh Ground Fertilizer Bone.** Per 50-lb. bag, \$1.00; 100-lb. bag, \$1.70; per ton, \$30.00.

\* The prices are NET F. O. B. BOSTON, and not subject to our special offers; but a discount of five per cent may be deducted when cash accompanies order.

**CHEMICALS.**

Prices Variable. Subject to Change without Notice.	
Sulphate Ammonia, 25 per cent ammonia, per 100 lbs.	\$3.50
Nitrate Soda, 95 per cent purity, " " "	3.50
Muriate Potash, 80 to 85 per cent M. Potash, " " "	2.50
Sulphate Potash, 50 to 55 per cent S. Potash, " " "	1.60
Kainit, 20 to 25 per cent Sulphate Potash, " " "	1.00
Bone Black, " " "	1.75
Sulphuric Acid, " " "	2.00
Land Plaster. Per 100 lbs., 50 cts.; per ton, \$8.00.	NET F. O. B. BOSTON.

Carboys for Sulphuric Acid, \$1.50, returnable. Chemicals, net cash, F. O. B. BOSTON.

See Special Offers on third page of cover.

# BRADLEY'S FERTILIZERS

Are guaranteed to contain more plant food in a better mechanical condition and of higher agricultural value than any other fertilizers in the world, and they are, therefore, as the New England Homestead affirms "the most economical to use."

Do not be misled into purchasing unknown fertilizers of uncertain value, but buy Bradley's Fertilizers which have grown large crops of superior grass, grain, and vegetables, on thousands of farms all over New England for more than thirty years.

Among their leading brands are :

## BRADLEY'S SUPERPHOSPHATE

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizer in the world.

From its unvarying quality and uniform condition it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise,— "*the Old Reliable.*"

## BRADLEY'S POTATO MANURE

For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated *field tests* have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced special "potato manures" whose alleged scientific combination is their principle claim to the farmers' patronage.

## BRADLEY'S COMPLETE MANURES

For Potatoes and Vegetables. — For Corn and Grain. — For Top-Dressing Grass and Grain, with 10 per cent. Potash.

These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food materials obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

*Send to us for finely Illustrated pamphlets, describing all of their brands, and let us quote you prices on all of these unequalled fertilizers before purchasing elsewhere.*

## PRICES FOR BRADLEY'S STANDARD FERTILIZERS:

Bradley's Superphosphate . . . . .	50 lb. bag, \$1.00	100 lb. bag, \$1.70	ton \$32.00
Bradley's Potato Manure . . . . .	" " 1.00	" " 1.70	" 32.00
Bradley's Complete Manure for Potatoes and Vegetables . . . . .	" " . . . . .	" " 1.90	" 37.00
Bradley's Complete Manure for Corn and Grain . . . . .	" " . . . . .	" " 1.90	" 37.00
Bradley's Complete Manure for Top Dressing Grass and Grain . . . . .	" " . . . . .	" " 1.90	" 37.00
Bradley's Complete Manure with ten per cent. Potash . . . . .	" " . . . . .	" " 1.90	" 37.00
Bradley's High Grade Tobacco Manure . . . . .	" " . . . . .	" " 2.25	" 45.00
Bradley's Seeding-Down Manure . . . . .	" " . . . . .	" " 1.70	" 32.00
Bradley's Bone Fertilizer . . . . .	" " . . . . .	" " 1.70	" 32.00

These prices are not subject to Special Offers, but we allow a discount of 5 per cent when cash accompanies order.

See Special Offers on third page of cover.

**VALUABLE TABLES.****SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE.**

	Quantity per acre		Quantity per acre
Artichoke, 1 oz. to 500 plants	½ lb.	Hemp	1 bu.
Asparagus, 1 oz. to 200 plants	5 lbs.	Kale, 1 oz. to 3,000 plants	4 oz.
Barley	2½ bu.	Kohl Rabi, 1 oz. to 200 feet of drill	2 lbs.
Beans, Dwarf, 1 qt. to 150 feet of drill	1¼ "	Leek, 1 oz. to 250 feet of drill	4 "
Beans, Pole, 1 qt. to 200 hills	½ "	Lettuce, 1 oz. to 250 feet of drill	3 "
Beet, Garden, 1 oz. to 100 feet of drill	10 lbs.	Martynia, 1 oz. to 50 feet of drill	10 "
Beet, Mangel, 1 oz. to 150 feet of drill	6 "	Melon, Musk, 1 oz. to 100 hills	1¾ "
Broccoli, 1 oz. to 3,000 plants	5 oz.	" Water, 1 oz. to 25 hills	1½ "
Broom, Corn	10 lbs.	Nasturtium, 1 oz. to 50 feet of drill	10 bu.
Brussels Sprouts, 1 oz. to 3,000 plants	5 oz.	Oats	2½ "
Buckwheat	½ bu.	Okra, 1 oz. to 50 feet of drill	10 lbs.
Cabbage, 1 oz. to 3,000 plants	5 oz.	Onion Seed, 1 oz. to 200 feet of drill	4 to 5 "
Carrot, 1 oz. to 150 feet of drill	2½ lbs.	" " for Sets	30 to 50 "
Cauliflower, 1 oz. to 3,000 plants	5 oz.	Onion Sets, 1 qt. to 20 feet of drill	8 bu.
Celery, 1 oz. to 10,000 plants	4 "	Parsnip, 1 oz. to 250 feet of drill	5 lbs.
Clover, Alsike and White Dutch	6 lb.	Parsley, 1 oz. to 250 feet of drill	8 "
" Lucerne, large Red, Crimson & Trefoil	8 "	Peas, Garden, 1 qt. to 150 feet of drill	1½ bu.
" Medium	10 "	" Field,	2½ "
Collards, 1 oz. to 2,500 plants	6 "	Pepper, 1 oz. to 1,500 plants	4 oz.
Corn, Sweet, 1 qt. to 500 hills	8 qts.	Potatoes,	10 bu.
Cress, 1 oz. to 150 feet of drill	8 lbs.	Pumpkin, 1 qt. to 300 hills	4 qts.
Cucumber, 1 oz. to 80 hills	1¼ "	Radish, 1 oz. to 150 feet of drill	8 lbs.
Egg Plant, 1 oz. to 2,000 plants	8 oz.	Rye	1½ bu.
Endive, 1 oz. to 300 feet of drill	3 lbs.	Salsify, 1 oz. to 60 feet of drill	8 lbs.
Flax, broadcast	½ bu.	Spinach, 1 oz. to 150 feet of drill	10 lbs.
Garlic, bulbs, 1 lb. to 10 feet of drill		Summer Savory, 1 oz. to 500 feet of drill	2 lbs.
Gourd, 1 oz. to 25 hills	2¼ lbs.	Squash, Summer, 1 oz. to 40 hills	2 lbs.
Grass, Blue, Kentucky	3 bu.	" Winter, 1 oz. to 10 hills	3 "
" Blue, English	2 "	Tomato, 1 oz. to 3,000 plants	3 oz.
" Hungarian and Millet	¾ "	Tobacco, 1 oz. to 5,000 plants	2 "
" Mixed Lawn	3 to 5 "	Turnip, 1 oz. to 250 feet of drill	1½ lbs.
" Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow	3 bu.	Vetches	3 bu.
" Timothy	½ "	Wheat	1 to 2 "

**NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.**

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
½ foot	174,240	4 feet by 2 feet	5,444	10 feet	435
1 "	43,560	4 " 3 "	3,629	11 "	360
1½ "	19,360	4 " 4 "	2,722	12 "	302
2 feet	10,890	5 " 5 "	1,742	15 "	193
2½ "	6,969	6 " "	1,210	18 "	134
3 feet by 1 foot	14,520	7 " "	889	20 "	108
3 " 2 feet	7,260	8 " "	680	25 "	69
3 " 3 "	4,840	9 " "	573	30 "	64
4 " 1 "	10,888				

**WEIGHT OF VARIOUS ARTICLES.**

	Per bush., 48 lbs.		Per bush., 60 lbs.
Apples	22 "	Peas	8 "
" Dried	48 "	Plastering Hair	50 "
Barley	60 "	Rape	56 "
Beans	48 "	Rye	10 "
Buckwheat	46 "	Red Top Seed, Chaff Seed	40 "
Broom Corn	14 "	Red Top Fancy, Clean Seed	50 "
Blue Grass, Kentucky	24 "	Salt, Coarse	56 "
" " English	20 "	" Michigan	56 "
Bran	60 "	Sweet Potatoes	45 "
Canary Seed	46 "	Timothy Seed	58 "
Castor Beans	60 "	Turnips	60 "
Clover Seed	56 "	Wheat	200 "
Corn, Shelled	70 "	Beef and Pork, per bbl., net.	196 "
" on Ear	50 "	Flour, per bbl., net	200 "
Corn Meal	22 "	White Fish and Trout, per bbl., net	280 "
Charcoal	80 "	Salt, per bbl.	220 "
Coal, Mineral	40 "	Lime,	4½ "
Cranberries	28 "	Hay, well settled, per cubic foot	22 "
Dried Peaches	56 "	Corn, on Cob, in bin,	45 "
Flax Seed	40 "	" Shelled.	48 "
Hemp Seed	48 "	Wheat,	25½ "
Hungarian Grass Seed	60 "	Oats,	60 "
Irish Potatoes, heaping measure	50 "	Potatoes,	95 "
Millet	38 "	Sand, Dry,	135 "
Malt	32 "	Clay, Compact,	169 "
Oats	33 "	Marble,	5,616 "
Osage Orange	14 "	Seasoned Beech Wood, per cord	6,960 "
Orchard Grass	52 "	" Hickory,	
Onions			



## DEPARTMENT OF LANDSCAPE GARDENING and ESTATE DEVELOPMENT.

We have, in connection with our comprehensive business, a Department of Landscape Gardening and Engineering, under the charge of a competent party whom we recommend to our patrons.

We undertake to advise as to the laying out of gardens, the general improvement of landed property, and the development of building estates; to provide plans and estimates, and, for a fixed sum, to carry out all the work incidental to the making of a small suburban garden, as well as to the designing and executing of the most extended estate improvement. We make no charge for plans, but they remain our property unless the work is carried out by us. The client, however, is expected to undertake transportation and other charges incident to the examination of the grounds in order to obtain a thorough understanding of their capabilities. To facilitate business, please address,

**JOSEPH BRECK & SONS, Corporation,**  
"Department of Landscape Gardening." 47-54 No. Market St., Boston, Mass.,

For General List of Flower Seeds see Pages 63 to 97.

— 1899 —

# BRECK'S SPECIALTIES AND NOVELTIES

... IN ...

## FLOWER SEEDS, ETC.



Abutilons, New Fancy California.

**ABUTILONS, New Fancy California.** The flowers of these are of all sizes and forms, some so full as to be almost double. The colors are pure white, lemon yellow, rose, scarlet, crimson, as well as yellow and red shades, beautifully veined. Pkt., 10 cts.

**ASPARAGUS Sprengeri.** A most desirable species, especially useful as a house pot plant and for growing in hanging baskets. The foliage makes a growth of over three feet, is of dark green color, most useful for cutting, as it retains its freshness for weeks. Pkt., 20 cts; plants, 25 cts. each.

**ANTIRRHINUM.** We are offering finer strains of this much-improved, old-fashioned favorite than are obtainable elsewhere. Our seed is from an unequalled private collection.

**Majus Grandiflorum.** The plants are of very robust growth. The flowers are nearly double the size of the ordinary kinds, while the colors are very vivid and striking. Splendid mixture, all colors. pkt., 10 cts. The following are new varieties of this season:

**Cupreatum.** Carmine red and coppery orange, with yellow lip.

**Kermesinum.** Fiery crimson.

**Brilliant.** Orange, carmine and yellow, with white throat. Pkt., 20 cts. each.

**Dwarf.** This class is of neat growth and covered with flower spikes; if sown in March or April and planted out when strong

enough, they make a fine display throughout the summer and fall. Height 1½ feet. Crimson, scarlet, striped, yellow, white, carmine and white, any color. Pkt., 10 cts; mixed pkt., 10 cts.

**Tom Thumb.** These are of dwarf, compact growth, and come very true in color from seed. Height, 6 to 12 inches. Crimson, rose, white, yellow, striped, orange and scarlet, any color. Pkt., 10 cts; mixed pkt., 10 cts.

**Yellow Queen.** An acquisition; the plants grow 15 inches high and produce, true from seed, an abundance of large, beautifully formed flowers of a bright yellow color. Pkt., 10 cts.

**AMARANTHUS Hybridus.** "Brilliant." A vigorous growing hybrid of *A. tricolor*. The plant attains a height of about five feet, is not of branching habit, and is covered from the ground to tip with beautiful, variegated, red and green leaves. The flower is carmine-rose, tinted yellow. Pkt., 20 cts.

**ADENOPHORA Potanini.** A splendid new hardy perennial, allied to the Campanula. Its slender but elegant flower spikes are two to three feet in length, and during the months of July and August are covered with beautiful, bell-shaped flowers of a light blue color. Pkt., 20 cts.

See Special Offers on third page of cover.



Adenophora Potanni.

Hohenzollern. Compared with the original *Comet Aster*, this new variety is twice the size, and, owing to the peculiar formation of the flowers, its very size softens its general appearance and makes it in every respect more desirable. The graceful, re-curved petals of the *Comet* type are retained. The flowers are frequently seven inches in diameter, of the purest white, and surpass many of the Japanese *Chrysanthemums* in beauty. The plant is of vigorous habit and produces an abundance of flowers on stems almost two feet in length. Pkt., 15 cts.

*Dwarf Comet Perfection*. This new class is likely to become a general favorite for many reasons. Its dwarf habit of growth—about two-thirds of a foot in height—makes it specially valuable for bedding. Its early blooming quality—it may be had in flower by July,—the large size, fine formation and pure white color of the flowers are features that recommend it. It will prove of especial service for pot culture. Pkt., 15 cts.



Aster, Dwarf Mignon.

**AJUGA Metallica Crispa.** A very dwarf, hardy perennial, growing about four inches high, and producing rather large, curiously-curved leaves of a dark green color with a metallic hue. The small, erect flower spikes are well furnished with tiny bright blue flowers. Of great value for edging or carpet bedding. Pkt., 25 cts.

**ASTILBE Chinensis.** A new vigorous growing spiræa from China. Its flower stalks attain a height of from five to six feet. The plume-like flowers are creamy white, shaded with rose. A perfectly hardy perennial. Pkt., 15 cts.

**BALSAM.** "Prince Bismarck." The brilliant salmon-rose of this sort represents an entirely new color in *Camellia Flowered Balsams*. The plants are free bloomers. The flowers are the perfection of form and doubleness; comes true from seed. Pkt., 15 cts.

**ASTERS.** *The Aster Seeds we offer are in every case the very best of the several classes, all having been grown especially for us by the most skilled and successful cultivators of the different kinds in America, England, France and Germany; many of the strains, which are superior to all others, we control exclusively. Our Aster Seed is popular with the leading Florists and private growers throughout the Union, and we recommend it in the full assurance that it will satisfy and delight all who plant it.*

*For complete list of varieties see pages 67-70.*

**Giant Comet, "Sulphur Yellow."** This new and desirable color is of the very best type of the *Giant Comet* strain, consequently is sure to meet with a welcome. Pkt., 15 cts.



Dwarf Comet Perfection Aster.

**Dwarf Mignon.** Another Aster of dwarf habit that will enhance the value of the class. It grows about ten inches high, branches just above the ground, and produces in profusion the same lovely, semi-globular flowers for which the *Tall Mignon Aster* is so much prized. For beds, borders, pot cultivation or cutting it cannot fail to prove of immense value. The colors are *Crimson* and *White*. Each, pkt., 15 cts.; mixed pkt., 15 cts.

**Japanese Branching.** The plants are of branching habit; the flowers have twisted petals like the *Comet Aster* or *Japanese Chrysanthemum*. They bloom somewhat later than the *German* sorts. Colors, *White, Crimson, Pink, Purple*. Mixed pkt., 10 cts. each.

**Dwarf Queen.** "Vermilion." A new, brilliant and unique color. A valuable addition to our bedding asters. Pkt., 10 cts.

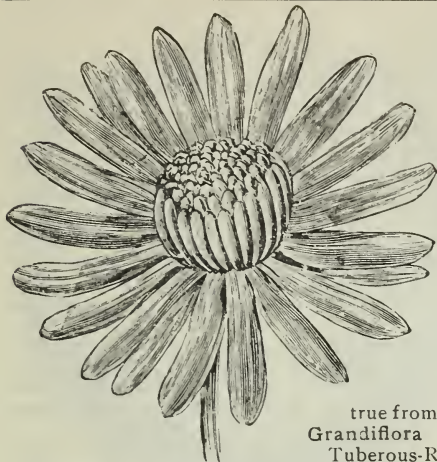
**Triumph.** "Deep Violet." A welcome addition to the finest of all dwarf asters. The flowers are of true *Pæony*-form, very double, and of a satiny, deep violet. Pkt., 15 cts.

**Dwarf Chrysanthemum Perfection.** "Pure White." A new color in this favorite class. Flowers very large, very double, and of faultless form. Pkt., 15 cts.

**Queen of the Market.** "Scarlet." A magnificent color of the earliest flowering aster. Pkt., 15 cts.

**Marguerite Single Flowered China.** These single flowered asters have already become general favorites, both for garden decoration and for cutting. This new color—pale mauve—is perfectly distinct from anything hitherto offered, and is of great beauty. Pkt., 15 cts.

For general list of Asters see pages 67-70.



*Bidens Atrosanguinea Superba*

a departure from the type. The seed we offer will produce thirty to forty per cent. of the true variety; the balance,

however, are true from seed. Pkt., 25 cts.

**Grandiflora Erecta Cristata.** Tuberos-Rooted. Our illustration shows the style of this flower and how much it is beautiful, large flowered Begonias, much varied in color. Pkt., 50 cts.

**BIDENS Atrosanguinea Superba.** A tuberous-rooted, tender perennial of dwarf growth, that flowers from June until frost. Height, one foot. Daisy-like flowers are borne singly on stems well above the foliage. The color is blackish purple. The petals of the flowers are irregular in size and frequently crested and curled. Pkt., 15 cts.

**BEGONIA Hybrida.** "Butterfly." Remarkable new strain of the tuberous-rooted, large, single-flowered Begonias. The flowers are marbled or spotted white on bright scarlet or brilliant carmine. It comes quite



*Begonia, "Butterfly."*

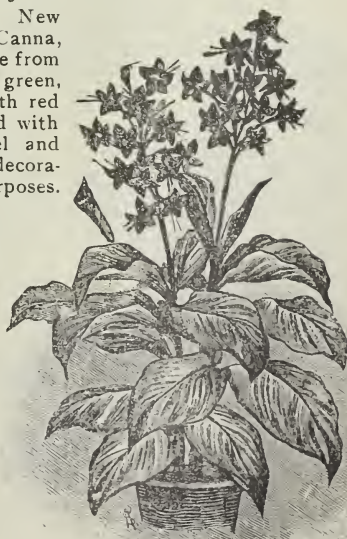


Early Blooming Cannas.

**Breck's International Prize.** Tuberos-Rooted. Single. Without any exception this is the finest strain of tuberous-rooted Begonias offered. The flowers are of the finest and most varied colors and largest size. Pkt., 25 cts.

—Double. From the same source as the single flowered; unequalled. Pkt., 25 cts.

**CANNA Variegata.** New variegated leaved Canna, reproducing itself true from seed. Leaves, light green, lined and blotched with red and yellow and edged with light red. A novel and beautiful plant for decorative and bedding purposes. Pkt., 25 cts.



*Canna Variegata.*

**CALLIOPSIS.** "California Sunbeams." This is an improved strain, being larger flowered and of earlier blooming habit than the *lanceifolia* hitherto offered. The flowers are borne on long stems, and are all beautifully fringed or toothed. The color varies from light to deep yellow shades. Pkt., 10 cts.

**COSMOS.** This is now a fashionable flower, and with good reason, for the strains offered vie with the rose in variety and brightness of colors, besides its cost is low and cultivation easy. The only difficulty in growing it in New England has been its late blooming habit. These plants seem to be very much at home in California, where they bloom in from five to six weeks from time of planting. To induce early blooming grow the plants in small pots or shallow boxes, allowing them to become pot bound before they are planted outside. Sow the seed in March, as soon as possible, transplant into two-inch pots, and again into four-inch pots which should be well filled with roots before the plants are set out in the garden. Do not either over feed or over water as semi-starvation will produce more satis-

See Special Offers on third page of cover.

**COSMOS.**—*Continued.*

Early Blooming Cosmos.

**CANDYTUFT.** "Little Prince." (*Iberis coronaria princeps*.) Charming dwarf variety of the *Candytuft* "Empress." It forms candelabra-shaped pyramids, six inches in height, with four to five spiral spikes of large, pure white flowers, borne well above the dark green foliage. It will prove of great value for beds or borders. Pkt., 15 cts.

"Rose Cardinal." A very striking and rich color. Quite distinct deep rosy cardinal. It differs very much from the carmine, and will be found a grand addition to this well known popular flower. Pkt., 15 cts.

**CENTAUREA, Imperialis.** Mixed Colors. New large flowering hybrids of the sweet scented *Centaureas*, the result of crossing *C. Margarite* with *C. Moschata*. They inherit the vigorous growth of the latter, and form large, branching bushes three to four feet in height, covered with long-stemmed, noble flowers, of the exact form and of the same fragrance as those of the popular *C. Margarite* but of almost double the size. Unfavorable or wet weather does not affect these flowers as it does the other *Centaureas*.

The plants bloom profusely from July until frost. The colors embrace all shades of white, lilac, rose and purple. Pkt., 20 cts.

**Americana Alba.** Pure white flowered variety of the American corn flower. The flowers are very large—five to six inches across, and look like finely cut tissue paper. Pkt., 20 cts.

**CHRYSANTHEMUM, Carinatum.** "Chameleon." An exceedingly effective, large flowered, annual variety. The markings are four in number, in quite distinct colors, light bronze with purple zone, clear yellow and crimson, alternating and changing as blooms mature, presenting a striking appearance during entire period of flower. Pkt., 15 cts.

**COLEUS, Large Leaved Dwarf.** An entirely new class of coleus that is especially adapted for carpet bedding. The plants attain a height of six to eight inches and produce their leaves in great profusion. The seedlings need no cutting back, simply pinch out the small flower stems and you have a perfect carpet of living leaves. The colors are blackish red to red, marbled and spotted. They come perfectly true from seed. Pkt., 20 cts.



Candytuft, Little Prince.



New Large Leaved Coleus.

See Special Offers on third page of Cover.

factory and earlier bloom than the usual kindness. We list all the best varieties produced to date, including the *New Early Blooming* sort, which, although somewhat smaller flowered than the choice California strains produces beautifully colored flowers and blooms freely from July until frost.

**New Early Blooming.** While many people will continue to grow the large and exceedingly beautiful flowered sorts, although to do so successfully means a little trouble, yet this strain, because of its early flowering will find favor with many. The seed we offer was grown in Massachusetts and is the result of patient selection for a number of years. The flowers are of fair size and many lovely shades. Pkt., 10 cts.

**Early Blooming, White.** Same strain as the preceding. Pkt., 10 cts.

**Giants.** Red, pink, white. The flowers are of perfect form and immense size. Separate colors or mixed. Pkt., 5 cts.

**Camelliaflora.** Red, pink and white. Separate or mixed, splendid varieties with very large overlapping petals somewhat like single Camellias, but larger. Pkt., 5 cts.

**Tints of Dawn.** New and distinct varieties. The flowers have a white ground, finely flaked or flushed with delicate pink; they are variously formed and very beautiful. Pkt., 5 cts.

**Fringed.** White and pink. Separate or mixed. Most exquisite and perfect flowers, with petals overlapping or pleated. Pkt., 5 cts.

**New Marguerite.** Distinct and beautiful; the petals are deeply and irregularly lacinated and fringed. Pkt., 5 cts.

**New Early Blooming California.** Much earlier than the old sorts. These embrace a great variety of forms and shades of color. Mixed. Pkt., 5 cts.

**Golden Yellow.** Perfectly distinct in habit; the plants being of branching growth and furnished from the bottom up with finely cut, glossy, green foliage. Pkt., 5 cts.



Cyclamen. Bush Hill Pioneer.

**CYCLAMEN. Giganteum, Breck's Imperial.** This strain is unsurpassed in vigor of habit, size of flower and variety of strong and delicate shades and colors. The seed is saved especially for our trade from a private German collection. Pkt. 50, cts.

**"Papilio."** The flowers of this new type have highly fimbriated and curled petals. The seed we offer is mixed, and represents about five colors, white to dark red. A very beautiful class and a distinct break from previous forms. The foliage is handsomely mottled. Pkt., \$1.00.

**Bush Hill Pioneer.** Flowers white, of considerable substance, with a strikingly distinct crest or feather of the same color upon the face of each petal. This, the first variety of its kind, is undoubtedly destined to be the forerunner of an entirely new strain of Cyclamen, the feather adding enormously to the substance and lasting properties of the flower, besides opening up the possibilities of endless variety by the introduction of a colored feather on the white ground or a white feather on the colored ground. Pkt., 50 cts.

**Large Flowered Double.** An entirely new variety from Persia. The flowers are of beautiful form, and the richness of their colors yield to none of the older single sorts. They are without doubt of first merit and will increase the loveliness of the entire family by contrast. Pkt. 50 cts.

**DELPHINIUM. Caucasicum.** A new hardy perennial Larkspur with slender flower spikes more than three feet in height. The colors of the flowers range from pale blue to intense ultra marine blue. Pkt. 15 cts.

**DIANTHUS. Heddewigii Albus.** A fragrant clove scented variety. Flower of a lustrous white and even edged, useful for cutting. Pkt. 10 cts.

**GAILLARDIA. Grandiflora Compacta.** A new compact growing perennial variety. The blooms, borne on perfectly upright stalks, have the same range of colors and markings as the tall growing sorts, and in addition are more profusely in bloom from early in June until frost. Pkt. 15 cts.

**GERARDIA. Hybrida.** A perennial that will bloom the first year. The plants attain a height of less than two feet, forming pyramidal bushes, well furnished with Pentstemon-like flowers, of colors from pink to deep violet. Pkt. 15 cts.

**GLOXINIA. Hybrida. "Coquette."** The essential feature of this novelty, which distinguishes it from all existing varieties, is that the mostly three colored flowers show a yellow throat. Pkt. 25 cts.

**LUPINUS Arboreus. "Snow Queen."** A remarkable new perennial lupin. It forms dense bushes about four feet high that are completely covered with elegant racemes of snowy white flowers.

The vivid green foliage adds to the general effect. As a border plant this is a decided acquisition. It is very suitable for cutting and blooms at a season when good white flowers are generally scarce. Pkt., 25 cts.

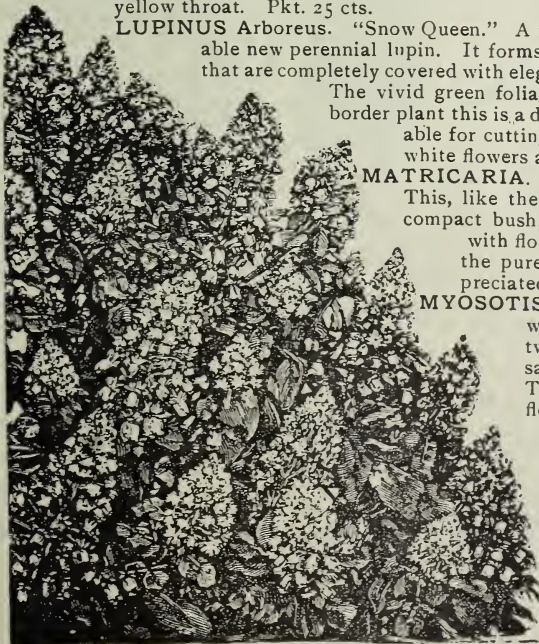
**MATRICARIA. Eximia Double "Snowball."** This, like the "Golden Ball," forms a densely compact bush, one foot high, profusely covered with flowers. The flowers, however, are of the purest white. It will be generally appreciated. Pkt., 15 cts.

**MYOSOTIS. Alpestris Stricta Alba.** This will be prized as a companion to the two colors—rose and blue—of the same habit that have preceded it. The plant is of pillar-like form, the flower stems erect and covered with pure white flowers, making it suitable alike for bedding or pot culture. Pkt., 15 cts.

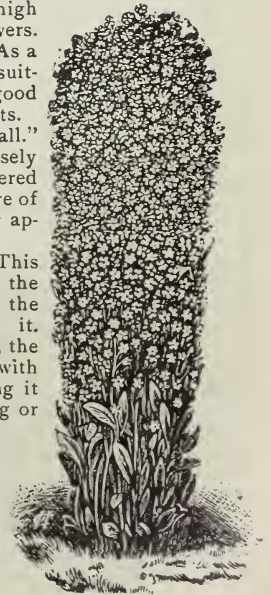
**MIGNONETTE. "Bismarck."** This is a splendid strain selected from the desirable "Machet" type. This new variety produces extraordinary large flowerspikes of a reddish color. Pkt., 20 cts.



"Cyclamen Papilio."



Mignonette. Bismarck.



Myosotis Stricta Alba.

SWEET PEAS. — *Lathyrus Odoratus*.

Here are Sweet Peas on tiptoe for a flight  
With wings of gentle flush o'er delicate white,  
And taper fingers catching at all things,  
To bind them all about with tiny rings.—Keats.

(See pages 91, 92 for complete list.)



We were the first Seedsmen in America to popularize these gems of beauty and fragrance, and we still maintain our position with the largest stock of the best strains of the kinds that give satisfaction to planters. There are now so many sorts offered the public that in some cases it is quite difficult to make a selection and be sure of having only the best. To overcome this trouble we have materially shortened our list, and while we retain as complete a variety of colors and blendings as formerly, our patrons have only half as many names to select from. With the exception of some of the 1899 novelties, all are American grown, and are superior in all respects to imported strains.

## NOVELTIES FOR 1899.

**Sadie Burpee.** Of extremely dainty form and pure, pearly whiteness. It is the prettiest shaped flower yet produced, being of the fashionable hooded form. The plant is a strong grower, free flowering, and produces its flowers on long, stout stems. The seed is both black and white. Pkt., 20 cts.

**Prince of Wales.** Award of Merit. Royal Horticultural Society, 1897. A bright, rose-self of intense color and fine, bold form, also of great substance, bearing three and frequently four flowers, well placed, on long, stout stems; a most desirable addition, being extremely free flowering and quite unique in color; has received much admiration during the past summer. Pkt., 20 cts.

**Lady Mary Currie.** Award of merit, Royal Horticultural Society, 1897. First-class certificates at Trentham, Leicester, Wolverhampton and Edinburgh, 1897. A deep orange pink, delicately shaded rosy lilac, a most charming flower of exquisite brilliancy; it has been much admired wherever shown, and is likely to become one of the greatest favorites. Pkt., 10 cts.

**Chancellor.** First-class certificates, Scottish Horticultural Association, Edinburgh, Wolverhampton and Trentham, 1897. Standards, bright orange, wings bright orange pink, just a shade lighter than the standards; it is really a self-colored flower of intense glowing color, grand form, good substance, large size, usually three-flowered, well placed on long, stout stems. Pkt., 10 cts.

**Colonist.** First-class certificates, Wolverhampton and Leicester, 1897. This is a lovely flower, of fine form and substance, usually three-flowered, nicely arranged on long, stout stems; the growth is extremely vigorous, very free flowering, the rows being literally covered with bloom of the most beautiful soft lilac, overlaid with the brightest rose. Pkt., 10 cts.

**Duchess of Sutherland.** A pearl white, delicately suffused with light pink, bright and charming, of fine form and good substance; the flowers being well placed on the stem make it a decided and desirable acquisition. Pkt., 10 cts.

**Duke of Sutherland.** First-class certificate, Edinburgh, 1897. Deep claret, with a deeper flush of maroon on the back of the standard, the wings are of a bright indigo blue throughout; with age, the whole flower becomes of the same rich and bright indigo blue as the wings, a very effective color and quite distinct. Pkt., 10 cts.

**Black Knight.** This is one of the finest flowers, the color being absolutely a deep maroon-self, clear and shining, the standard bearing a bright metallic polish, flowers well expanded, also well placed on the long, stout stem; the plants are of vigorous growth, and very free flowering. Pkt., 10 cts.

**Earliest of All.** This sort is identical in color with the Extra Early Blanche Ferry, but it is of dwarfier growth and comes into bloom ten days earlier. For this characteristic it will be much appreciated by both private growers and florists. Pkt., 10 cts; oz., 40 cts.

**Modesty.** This is the most delicate pink in existence. Although of such a delicate blush it is really a self-color, and sufficiently pink not to conflict with any of the whites. Pkt., 10 cts.

**Stella Morse.** The blossom opens with quite a suggestion of yellow which becomes a little lighter as the flower grows older. About the third day it is a delicate primrose with a delicate rosy-pink on the edge. Pkt., 10 cts.

**Navy Blue.** Entirely distinct from anything yet offered. General color dark blue; standards brilliant royal purple; wings pure violet, the whole flower elegantly veined in sharp relief. Pkt., 20 cts.

## THREE NEW CUPIDS.

**Beauty.** Standards delicate rose, lightening to nearly white at the edges, and slightly striped with carmine. The wings are suffused rosy carmine, deepening at the edges. Pkt., 10 cts.

**Alice Eckford.** Standards creamy white, shaded flesh pink. Wings silvery white, with a pink flush. Pkt., 20 cts.

**Primrose.** The flowers are of a rich, creamy tint identical with that of the tall Primrose. Pkt., 20 cts.

## OUR OWN INTRODUCTIONS.

**Breck's Harvard.** This beautiful, deep crimson variety, introduced by us three years ago, has become a great favorite throughout the country. Per lb., 75 cts.; oz., 10 cts.; pkt., 5 cts.

**Blushing Bride.** The beautiful rose and white flowered variety, grown so largely by Boston florists. Per lb., 15 cts.; oz., 10 cts.; pkt., 5 cts.

**Fisher's Snowflake.** A new white, that received the first FIRST CLASS CERTIFICATE OF MERIT awarded by the Massachusetts Horticultural Society to a Sweet Pea. We control the entire stock and offer it only in sealed packages. Per lb., \$1.00; oz., 15 cts.; pkt., 5 cts.

**Breck's Boston Mixture.** Lb., 75 cts.; oz., 10 cts.

**Breck's Choice Mixture.** Lb., 60 cts.; oz., 10 cts.

**Eckford's Mixture.** Lb., 60 cts.; oz., 10 cts.

For general list of Sweet Peas see pages 91, 92.  
See Special Offers on third page of cover.



Nasturtiums.

and covered with beautiful foliage, which shows off its brilliant seed-pods to great advantage. The seed-pods are the striking feature of the plant; they are almost globular in form (see cut) over two inches in diameter, of a shining orange-red tint and enclose a cherry-like fruit of the same color. This is edible and especially recommended as a preserve. The intense color of the seed-pod makes the plant valuable for decorative purposes. Pkt., 10 cts.

**SALPIGLOSSIS. Emperor.** A showy new variety, with one strong main stem, thickly covered with blossoms as large as those of the grandiflora section, and prettily veined with rich yellow. The new colors for 1899 are deep scarlet, purplish brown and golden, yellow, rose. Mixed, 25 cts.; separate colors, 25 cts.

**SALVIA Splendens, "Ingenieur Clavenad."** A series of distinct new varieties of the early flowering scarlet Sage, gained by artificial hybridizing. The plants are of compact growth and very early and free blooming. The colors contained in the mixture offered are creamy white; creamy white, red striped; violet, white striped and purplish violet. Pkt., 25 cts.

**SUNFLOWER. Helianthus Cucumerifolius Orion.** Effective new variety of the "Stella" type. The petals of this novelty are twisted like those of the Cactus Dahlias. The color and form are excellent, and the plants flower freely. Pkt., 15 cts.

**Stella.** This new annual Sunflower attains a height of three to four feet and differs from the miniature sunflower by its larger and better formed flowers of the purest golden-yellow, with a black disc. The individual flowers, three inches across, are all borne on long stems and rise well above the small green foliage. Pkt., 10 cts.

**New Double-Flowered Annual.** This plant in many respects resembles the well-known double-flowered perennial sunflower. It is of compact, pyramidal growth, attains a height of six feet and is entirely covered from the end of July until frost with beautiful double, golden-yellow flowers. Pkt., 10 cts.

**TAGETES. Patula, Double "Liliput."** Sulphur-yellow double Liliput French Marigold. Beautiful and very effective for beds and borders. Pkt. 15 cts.

**VIOLA CORNUTA. "Papilio."** New bedding Pansy, having large loose petaled flowers. The color is an exceedingly lovely violet lilac, with small dark eye at the base of the petals.

**VERBENA. Hybrida Grandiflora Alba.** This is the first of the Mammoth Verbenas that produces itself true from seed. The flower trusses are large and of the purest white. Pkt. 20 cts.

**ZINNIA. Elegans. "Double Miniature."** An interesting departure in this favorite class. The plant grows less than six inches high, and shows in habit, foliage and bloom a perfection not usually found amongst Zinnias. The small pointed leaves stand closely together and immediately above them are formed the almost sessile flowers which do not show any stiffness. The colors, offered in mixture, are white, scarlet, crimson, purple, dark rose, and yellow. Pkt., 15 cts.

**MIGNONETTE. Compacta argentea.** Recommended as being much superior to anything hitherto offered as a White Mignonette. It is of bushy, compact growth and produces about sixty or seventy per cent of fine, large, silvery white flower spikes. Pkt., 20 cts.

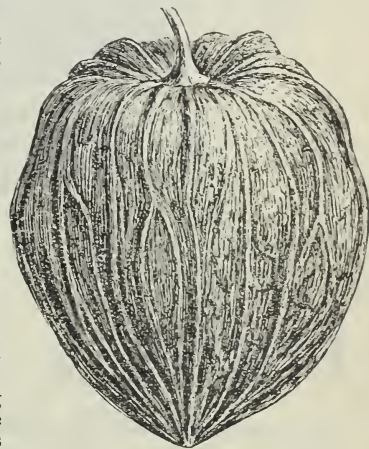
**NASTURTIIUMS.** We call especial attention to our strains of Tall and Dwarf. *They are really beautiful, scarce named varieties.* We have them grown for us by the most successful cultivator of this popular flower in the world. We assort the varieties ourselves, and can thus assure customers of their obtaining, not only the most vigorous strain in existence, but the greatest number of shades and delicate colors. The mixture includes white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow, etc. Tall Mixed, pkt., 5 cts.; oz., 15 cts.; Dwarf Mixed, pkt., 5 cts.; oz., 20 cts. Tropæolum Lobbianum Mixed, pkt., 10 cts.; oz., 40 cts. For complete list of varieties, see pages 87, 92, 93.

**Loobs. Yellow.** A new variety of Tropæolum Lobbianum with pure golden yellow flowers without any spots. Pkt., 15 cts.

**PHYSALIS FRANCHETI.**

We are indebted to Japan for this addition to our ornamental plants.

It grows about two feet high, is of erect habit,



Physalis Francheti.



Helianthus Orion.

# We Double It

We will take pleasure in duplicating all **FIRST PREMIUMS** offered in 1899 by any Horticultural or Agricultural Society in the United States, that may be secured with the product of Flower Seeds or Bulbs purchased of us. **WE WILL PAY** the amount on presentation of the certificate of the society's award, accompanied by particulars of cultivation, and a statement that the seeds from which the prize winners were grown, were **BRECK'S SEEDS.** (*This offer is copyrighted.*)

## THE GREAT INTER-STATE FAIR '98



## FIRST PRIZE.

with particulars of cultivation, and we will send you a sum equal to that awarded by the society. The *same specimens* must not be entered in more than one class or show, and if awarded specific prizes they cannot also be included in collections. We do not duplicate prizes offered for arrangement of exhibit, or for mixed exhibits.

Persons who intend competing for prizes must secure the necessary seeds or bulbs direct from us.

Our purpose in making this unique offer is threefold:

- 1st. We aim to awaken a greater interest in Horticultural and Agricultural Societies, and to increase the competition at their Exhibitions for the premiums offered.
- 2nd. We hope that the enhanced value of these *First Prizes*—will result in the production of better specimens exhibited, through the planting of high grade seeds and more intense cultivation; and that by demonstrating possibilities, stimulate a purpose on the part of growers to attain the highest standard of perfection.
- 3rd. We believe that the Seeds and Bulbs offered by us are the best strains in the world, and we wish to encourage those who are not acquainted with our goods to ascertain it by experience.

If you are successful in obtaining any *First Prizes* with the product of *Breck's Seeds or Bulbs*, in accordance with the offer we make above, send us the society's certificates of such prizes (which certificates will be returned to you), together

## The Immense Number OF First Prizes

AWARDED TO THE PRODUCT OF **Breck's Flower Seeds** SEASON OF 1898 15

## Proof of Their Superiority.

The interest attaching to our offer "We Double It," was fully maintained, and as a consequence we have been asked to duplicate a great many First Prizes. From such a large list as we have it is somewhat difficult to make a selection that will be fairly representative, the following however, will give a general idea.

The largest sum paid to one person, season of 1898, under our offer to duplicate prizes gained with the product by Breck's Flower Seeds was \$35.75, to Wm. Bain, No. Chatham, N. Y. His awards included *Aster s, Cockscomb, Chrysanthemums, Phlox, Dahlias, Verbenas, Sweet Peas, Tuberos Begonias, Antirrhinums, Marigolds, Balsams, etc.*

The smallest sum, was \$1.50, to C. T. Buell, Mechanicsville, Ill., being a duplicate of First Prize for Sweet Peas. John Grape, Waukesha, secured the First Prize for *Sweet Peas*, offered by the Wisconsin State Board of Agriculture. Also for *Pansies and Double Petunias*. Our old friend, C. W. Eno, New York, was first with *Dianthus, Nasturtiums, Ten Week Stocks and Petunias*. *The Worcester County Horticultural Society's First Prizes* were awarded to the product of Breck's Seeds for *Asters, Nasturtiums, Phlox, Zinnias, Scabiosa, Fringed Petunia, and Sweet Peas*.

*The Massachusetts Horticultural Society's Sweet Pea Award* for 30 vases distinct varieties was secured by H. B. Watts, Leicester, Mass., with the product of seeds bought of us. The Superiority of our strain of *Antirrhinums* was also attested by Alexander Adam of Longwood, securing the *Massachusetts Horticultural Society's Prize* for this old but now very popular favorite.

We congratulate all our 1898 Prize Winners.

We wish them and others equal success for 1899, with *the seeds that Produce Prize Crops.*



JOSEPH BRECK & SONS,  
 (CORPORATION),  
 47 to 54 North Market St.,  
 BOSTON,  
 MASS.

We prefer that Remittances be made to us (when possible) by

**EXPRESS MONEY ORDERS**

They are absolutely safe, and can be obtained at any office of the  
**AMERICAN EXPRESS COMPANY.**

**RATES FOR ORDERS PAYABLE IN ANY PART OF THE WORLD:**

\$5.00.....	5 cents.	\$30.00 .....	12 cents.	\$60.00.....	20 cents.
10.00.....	8 "	40.00.....	15 "	75.00.....	25 "
20.00.....	10 "	50.00.....	18 "	100.00.....	30 "

Over \$100.00 at above rates.

Where this Company has no office, or if more convenient, remittances may be made by Bank Draft, Post Office Order, or Registered Letter.

*Orders so received* will be considered as *accompanied by Cash*, and entitled to the benefits to be derived from our *Special Offer*.

JOSEPH BRECK & SONS (CORPORATION.)

READ OTHER SIDE.

**HOW TO ORDER GOODS.** ( 483 )  
( Nov., 1894. )

ANY DESCRIPTION OF GOODS SOLD BY US MAY BE ORDERED THROUGH THE

**READ OTHER SIDE.** **American Express Co.'s Purchasing Department,**

At places where that Company has agencies. Where the price of goods does not exceed \$5.00 they will advance amount of bill and forward goods to you by first express, to be paid for upon delivery; thereby saving you the trouble of remitting the money in advance. No charge is made by the Express Company for their service other than a small fee for advancing the money, and the usual rates for carrying the goods.

For full information and supply of Order Blanks, apply to that Company's local Agent in your place.  
Fill out the Order Blanks to read. Purchase of

**EVERYTHING FOR GARDEN, FARM AND LAWN.**

**JOSEPH BRECK & SONS, (Corporation,)**

**49-54 No. Market Street, - - - BOSTON, MASS.**

## The "BAY STATE" Wheel Harrow.

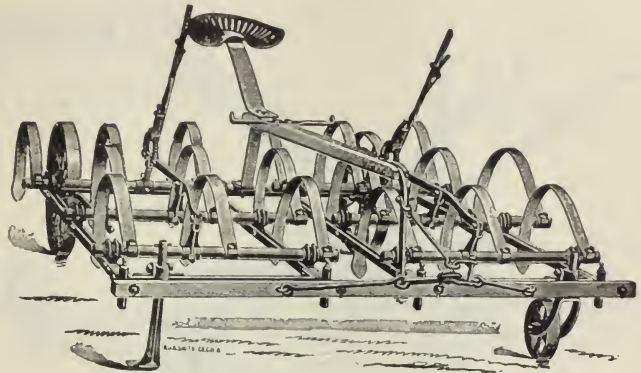
WITH RIDING ATTACHMENT.

THE ONLY HARROW in the market having a Riding or Wheel attachment whereby the harrow is practically independent of the wheel attachment, and when the levers are thrown forward and teeth raised, or when teeth have entered the ground, the frame rests upon the axle and supports attached to it.

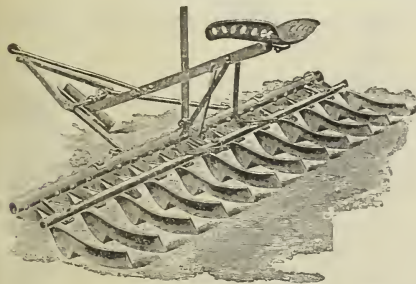
OVERCOMES the objections that exist in other Spring Tooth Harrows, and will work in trash, stones and soils where other Harrows fail.

Send for descriptive circulars, mailed free.

Made with 16 teeth, larger sizes to order.



Manufacturer's price, 16 Tooth Harrow complete \$25.00. Our net price \$20.00.



### The "ACME" Pulverizing Harrow AN OLD FAVORITE AT A REASONABLE PRICE.

Clod Crusher and Leveller.

For durability, ease of handling to take from field to field, and satisfactory work, the 'Acme' is the best Harrow for the money we have ever seen. It is unquestionably the best sod Harrow, and lighter of draft than any Disc Harrow.

We do not know how anybody can farm without the 'Acme,' especially as it now costs but little more than the ordinary spike tooth harrow. Catalogue mailed on application.

No. 17. Two Horse (see cut) 6 ft. 6 in. cut. Our net price each \$15.00.

" H. One " 4 " 4 " " " " " 13.00.

Not included in our Special Offers.

## Genuine Oliver Chilled Plows.

JOSEPH BRECK & SONS (Corporation),

General Agents for the New England States.

GENUINE

Oliver Plows

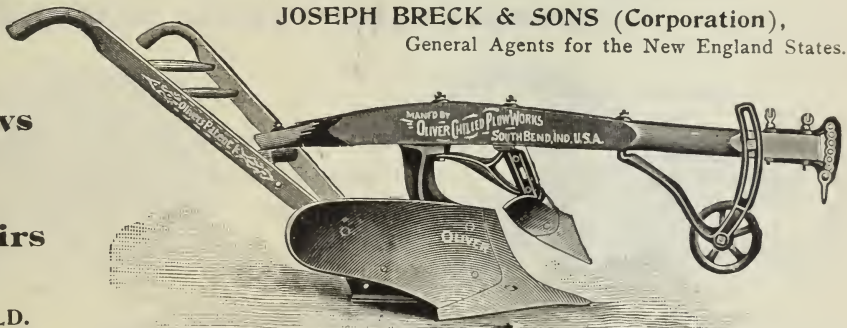
AND

GENUINE

Oliver Repairs

ARE THE

BEST IN THE WORLD.



DESCRIPTION.	Capacity.	Weight.	Plain.	With Wheel.	With Wheel and Lointer or Cutter.
No. A. Light One-Horse . . . . .	Furrow, 4½ x 8 in.	50 lbs.	\$4.00	\$1.75	\$6.25
" B. Medium " . . . . .	" 5 x 10 "	65 "	5.50	6.25	7.75
" 10. Heavy " . . . . .	" 5½ x 11 "	70 "	6.50	7.25	8.75
" 13. Very Light Two-Horse . . . . .	" 6 x 11 "	80 "	7.00	8.00	10.00
" 19. Light " . . . . .	" 6½ x 12 "	100 "	7.50	8.50	10.50
" 20. Medium " . . . . .	" 7 x 13 "	110 "	8.00	9.00	11.00
" E. Heavy " . . . . .	" 7 x 14 "	125 "	8.50	9.50	11.50
" 40. Heavy Two or Three-Horse . . . . .	" 9 x 16 "	130 "	8.50	9.50	11.50

### Oliver Hillside or Swivel Plows.

DESCRIPTION.	Capacity.	Weight	Plain.	Complete W. & J.
No. 52. Light One-Horse . . . . .	Furrows, 6 x 11	100 lbs.	\$10.00	
" 56. Heavy Two-Horse . . . . .	" 6 x 14	160 "	12.00	\$15.00
" 57. Medium " . . . . .	" 6 x 13	140 "	11.00	14.00

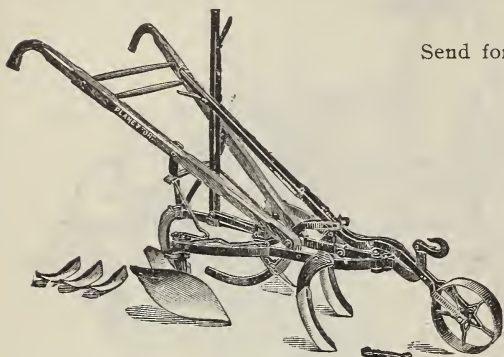
Beware of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious, and cannot be relied upon to fit well or do good work.

See Special Offers on third page of cover.

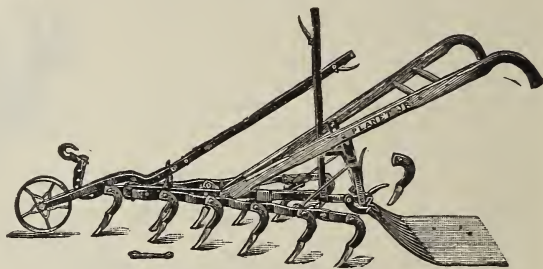
# "Planet Jr." Implements for 1899.

## HORSE TOOLS

Send for complete catalogue, mailed on application.  
For extra parts see next page.



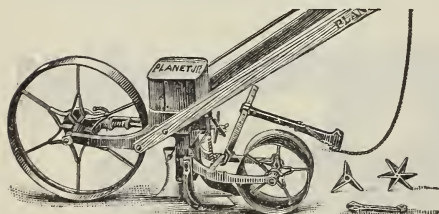
Planet Jr. No. 8 Horse Hoe.



Planet Jr. 12 Tooth Harrow.

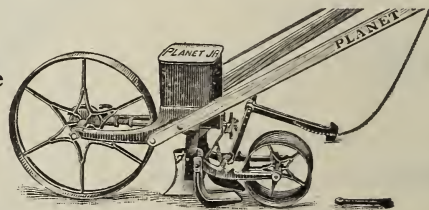
No. 8 Horse Hoe and Cultivator, complete	\$8.00	Twelve-Tooth Harrow, without pulverizer	\$6.65
No. 7 " " " "	7.50	" " " " or wheel	5.40
No. 6 " " " "	7.25	No. 4 Plain Cultivator, with wheel	4.50
No. 5 " " " "	6.75	No. 4 " " without wheel	3.75
No. 5 " " " " without wheel	6.00	Double Celery Hiller	11.00
No. 9 Horse Hoe and Cultivator, complete	7.00	Single Celery Hiller	9.50
No. 9 " " without wheel	6.25	Universal Cultivator (cuts 5 feet 3 inches)	35.00
Nine-Tooth Horse Hoe Attachment	5.00	Spring Tooth Universal Cultivator, two horse	31.00
Irish Potato Digger	16.00	Pivot Wheel Cultivator, complete, two horse	40.00
Sweet Potato Digger	16.00	Two Row Pivot Wheel Cultivator, two horse	50.00
Sweet Potato Horse Hoe, complete	7.50	Beet Cultivator, two horse	50.00
Twelve-Tooth Harrow, complete	8.00		

## "PLANET JR." SEED SOWERS.

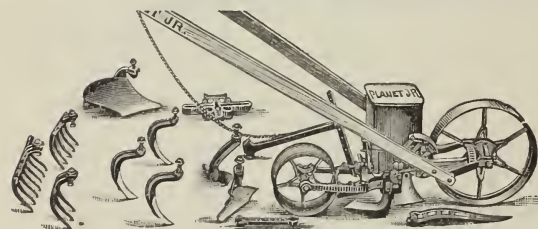


No. 3 Hill Dropping Drill.

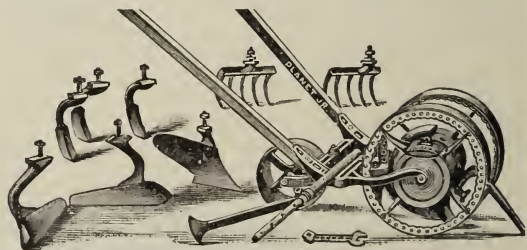
New and Valuable  
Improvements  
for 1899



No. 5 Seed Drill. Rows or Hill.



No. 4 Seed Drill, Complete.

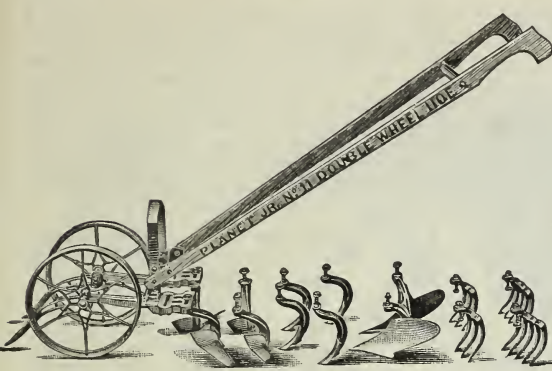


No. 1 Combined Drill, Complete.

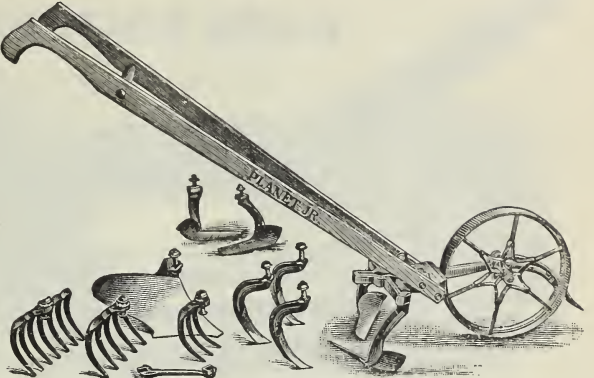
No. 2 Seed Drill	\$6.50	No. 4 Hill Dropping Seed Drill, Cultivator, Rake and Plow	\$10.00
No. 1 Combined Drill, Cultivator, Rake and Plow	9.00	No. 4 Hill Dropping Seed Drill, (plain as a drill only)	7.00
Fertilizer and Pea Drill	12.00	No. 3 Hill Dropping Seed Drill	9.00
Fertilizer and Seed Drill Combined	16.00		
No. 5 Market Gardener's Hill Dropping Drill	12.00		

Our Special Offer No. 1 (see third page of cover) applies to all Planet Jr. Goods.

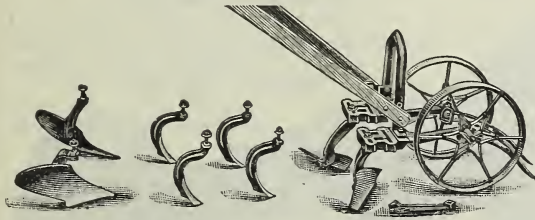
# "Planet Jr." Wheel Hoes.



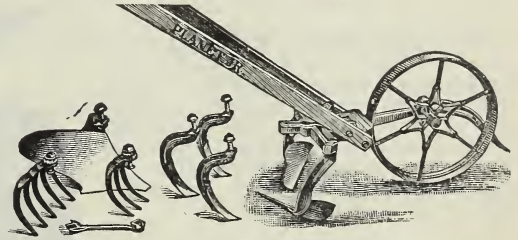
Planet Jr. No. 11 Double Wheel Hoe.



Planet Jr. No. 15 Single Wheel Hoe.



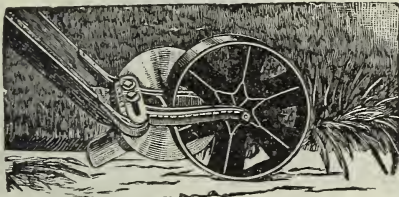
Planet Jr. No. 12 Double Wheel Hoe.



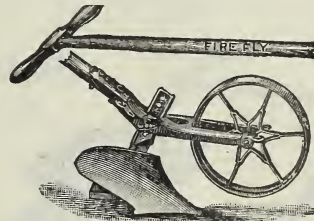
Planet Jr. No. 16 Single Wheel H e.

No. 11.	Double Wheel Hoe, complete .	\$8.00
No. 12.	" " " less rakes, etc. .	6.00
No. 13.	" " " plain (hoes only) .	4.00
No. 15.	Single " " complete .	6.00
No. 16.	" " " less sweeps and rakes .	5.00
No. 17.	Single Wheel Hoe, less rakes and hoes .	4.00

No. 18.	Single Wheel Hoe, hoes only .	\$3.00
	Single Wheel Hoe, complete (1896 style) .	4.50
	" " " plain (1896 style) .	2.75
No. 10.	Double Wheel Hoe, complete .	6.00
No. 10.	" " " plain .	3.50
	Fire Fly Single Wheel Hoe .	3.75



Planet Jr. Grass Edger, \$5.00.



Fire Fly Hand Plow, \$2.00.

## "PLANET JR." EXTRAS.

Not included in our special offer

1 1/4 inch Steels . . . . .	\$ .08	15-inch Furrower . . . . .	\$1.25
1 3/4 " " " " . . . . .	.09	20 " " " with wings . . . . .	1.75
2 1/4 " " " " . . . . .	.10	10 " " " without wings . . . . .	.80
3 " " " " . . . . .	.11	Wings, each . . . . .	.50
4 " " " " . . . . .	.12	Ridging Steels, each . . . . .	1.10
7 inch Shovel Steel . . . . .	.25	Roller . . . . .	1.50
8 " " " " . . . . .	.30	Reversed Rake . . . . .	.80
Bolts . . . . .	.1 1/2	Pulverizer . . . . .	2.00
8-inch Sweep and Bolt . . . . .	.30	" " for Harrow, special . . . . .	1.75
10 " " " " . . . . .	.35	Marking Attachment . . . . .	2.50
12 " " " " . . . . .	.40	Nine-Tooth Horse Hoe Attachment . . . . .	5.00
15 " " " " . . . . .	.45	Vine Lifter Attachment . . . . .	1.40
6 " Side Steels, each . . . . .	.50	Lever Runner Attachment . . . . .	1.60
6 " Hoe . . . . .	.40	Lever Wheel for No. 8 Horse Hoe . . . . .	1.90
10 " " " " . . . . .	.50	" " " 6 " " . . . . .	1.40
10 " " Furrower . . . . .	.80	Wheel for No. 5 Horse Hoe . . . . .	.80

Large Descriptive Catalogue of "Planet Jr." Goods Mailed on Application.

Our Special Offer No. 1 (see third page of cover) applies to all Planet Jr. Goods.

# GENUINE PHILADELPHIA LAWN MOWERS FOR 1898. HAND MACHINES.



Style T Philadelphia Mower.

CLYMER PHILA

The style K Mower, with its 10-inch wheels and five-bladed cylinder is the lightest running and smoothest cutting mower ever used on a lawn. It will cut as high grass as any machine made, and, like the other Philadelphia mowers, it combines all that is desirable in the way of quality, simplicity, durability and ease of operation.

**PRICE LIST.**

Width.	Weight.	Mfrs. Price.	J. B. & S. Net Cash Price.
14 in.	45 lbs.	\$20.00	\$8.00
16 "	48 "	22.00	9.00
18 "	50 "	24.00	10.00
20 "	54 "	26.00	11.00

The style T machines have wheels 7 inches in diameter. The wiper is made from wrought iron, having the spiral knives bolted on. By this device the knives can be easily detached and replaced at a trifling cost, if necessary. Having a four-blade cylinder, the machine does fine work. While these improvements add considerably to the cost, the price is no higher than that of other machines.

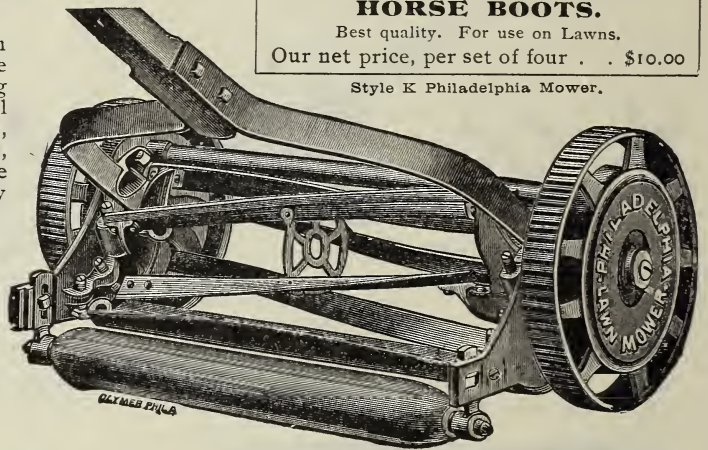
**PRICE LIST.**

Width.	Weight.	Mfrs. Prices.	Jos. Breck & Sons' Net Cash Price
12 inch	30 lbs.	\$16.00	\$6.00
14 "	32 "	17.00	6.50
16 "	34 "	19.00	7.50
18 "	36 "	21.00	8.50
20 "	38 "	23.00	9.50

**HORSE BOOTS.**

Best quality. For use on Lawns.  
Our net price, per set of four . . \$10.00

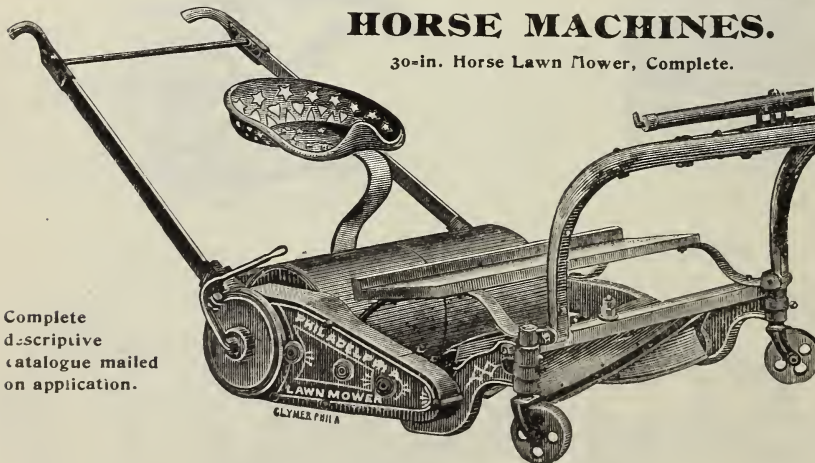
Style K Philadelphia Mower.



CLYMER PHILA

## HORSE MACHINES.

30-in. Horse Lawn Mower, Complete.



Complete descriptive catalogue mailed on application.

**Lawn Mowers of all Kinds Properly Repaired.**  
Send Machines to us early and avoid the rush.

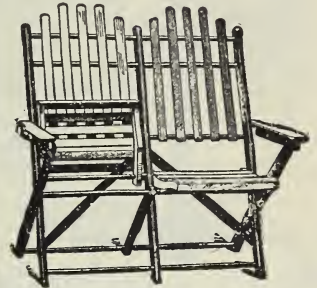
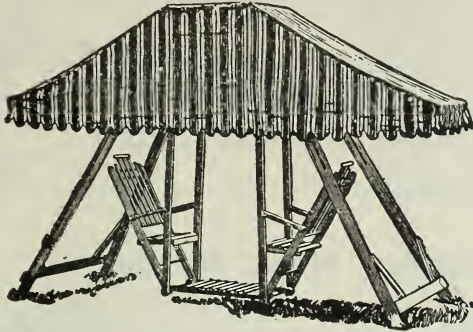
In addition to the machines shown in this catalogue we carry in stock all the other mowers made by the Philadelphia Lawn Mower Co., and can furnish same at the lowest cash prices.

	Manufacturers' Prices.	Jos. Breck & Sons' Net Cash Prices
25-in. Pony (or two-man) Lawn Mowers,		
30-in. " " " " " "	\$ 50.00	\$ 35.00
30-in. " " " " " "	75.00	52.50
Adapted to lawns where there are many trees.		
30-in. Horse Lawn Mower, with draft rod,	100.00	65.00
30-in. " " " " " seat and shafts,	120.00	80.00
35-in. " " " " " draft rod,	120.00	80.00
35-in. " " " " " seat and shafts,	140.00	95.00
Recommended for the majority of lawns.		
36-in. Horse Lawn Mower, with seat and shafts,	160.00	125.00
For large parks, public grounds and golf links.		

Special prices on large quantities or for export.

# Lawn Swings, Chairs and Settees.

"Made in the home of the deer and the moose,  
Of the silver birch and the mountain spruce."



These **Awnings** are perfectly automatic and furnish a delightful and healthful exercise for persons of all ages, as the smallest child can operate them with absolute ease and safety. As a promoter of health, strength and vitality, this swing has no equal, as with it either gentle or vigorous exercise may be taken at will.

The **Chairs and Settees** illustrated are entirely new in design, and are the only folding ones made, having wide arm rests. They are strong, attractively finished, very comfortable, and for the **Piazza or Lawn** have no equal.

### Price List.

No. 2. Lawn Swings, for the Lawn, 8 ft. high, weight 75 lbs., . . . . .	each,	\$ 5.50
No. 3. " " " Park, 12 " " " 190 " . . . . .	"	15.00
No. 5. Double Swing for four persons . . . . .	"	9.00
Awning for No. 2 Lawn Swing . . . . .	"	6.00
Folding Chairs, . . . . .	"	1.25
Folding Settees, . . . . .	"	2.50

## GARDEN AND LAWN HOSE.

The Best, Most Reliable and consequently the Cheapest Hose Sold.

### Price List. Prices Include Couplings.

Jos. Breck  
& Sons'  
Manufac- turers' Net Cash  
Prices. Prices.

#### RUBBER HOSE.

Superior 3/4-inch, 3-ply, for extra heavy pressure, per foot	\$0.30	\$0.20
Boston 3/4-inch, 3-ply, for heavy pressure, per foot	.30	.17
Boston, 1/2-inch, 3-ply " heavy " "	.25	.15
Extra, 3/4-inch, 3-ply " ordinary " "	.30	.14
Extra, 1/2-inch, 3-ply " ordinary " "	.25	.12

#### BLUE LINE COTTON HOSE.

Cotton, 3/4-inch, for all pressures, per foot	.30	.12
Cotton, 1/2-inch, " " "	.25	.11

Please remember that we offer no cheap grade of Garden Hose, every foot is warranted, and is sure to give satisfaction.

## Hose Nozzles or Pipes.

Boss Spray Hose Pipe, . . . . . each, 40 cts.; including postage, 50 cts. each.  
Throws straight or flat fan shaped spray.

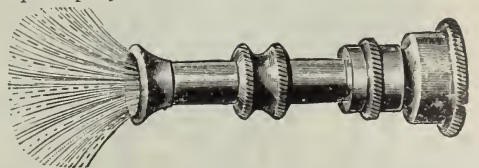
New Boston Spray Nozzle, each 40 cts.; including postage 50 cts. each.

Throws straight stream and two distinct forms of sprays.

Neptune Hose Nozzle, each, 35 cts.; including postage, 40 cts. each.

Made of hard rubber with soft rubber tip for florists use.

Fairy Spray Pipe, . . . . . each, 50 cts., including postage, 60 cts. each.



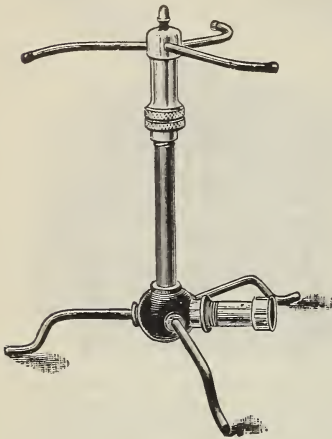
## Hose Menders.

All the Popular Kinds carried in stock at Reasonable Prices.

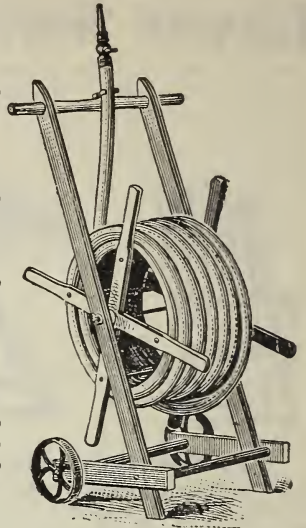
See Special Offers on third page of cover.



## Lawn Sprinklers.



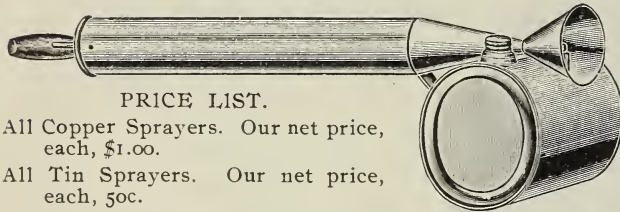
Twin-Comet Lawn Sprinkler, . . .	Each, 5.00
Child's Revolving Lawn Fountain, "	" 4.00
Nickel Plated Lawn Sprinklers; 4 arms.	
No ball top . . .	2.75
Nickel Plated Lawn Sprinkler; 4 arms.	
With ball top . . .	3.00
Nickel Plated Lawn Sprinkler; 6 arms.	
No ball top . . .	3.25
Nickel Plated Lawn Sprinkler; 6 arms.	
With ball top . . .	3.50
San Francisco Lawn Sprinkler . . .	1.25



## Garden Hose Reels.

"Hub," carries 100 ft. 3/4-inch hose, each,	2.00
"Victor," " 50 " " " " "	1.00
"Lawn," " 300 " " " " "	9.00

Our Reels are made from selected stock, nicely painted and finished.



### PRICE LIST.

All Copper Sprayers. Our net price, each, \$1.00.  
All Tin Sprayers. Our net price, each, 50c.

## Common Sense Sprayers

Invaluable for spraying all kinds of insecticides in a liquid or dry powder form, and for spraying cattle with kerosene.

They are especially adapted to the use of Poultrymen and Florists and can be used by all to advantage around the house and place. The copper sprayer is not affected by acids, and is practically indestructible.

## NOTICE!

Our stock of Farm, Garden, Lawn, and Greenhouse requisites is very large. As our space does not permit mention of the great variety, will send our Catalogue of 314 pages, on request, to all who send us orders from this book, and to others on receipt of 15 cents to cover transportation.

## Rice's

## Calf Weaner.



For preventing calves and cows sucking themselves or each other. The only weaner made giving perfect freedom to the animal.

No. 1, for calves, each,	\$0.30
No. 2, 1 to 2 years, "	.50
No. 3, For full grown,	.75

By mail, No. 1, 35c.; No. 2, 56c.; No. 3, 85c.

## "Miller Junior" Sprinkling Cart.



These carts are intended for sprinkling lawns and private grounds or country places, and for truck gardens and flower gardens, cemeteries, yards and drives. They are very handy sprinklers around railroad shops and mills and lumber yards, and all places where a one-horse sprinkling cart of moderate capacity is useful. They will sprinkle wide or narrow. They can be used for laying dust or for watering grass as the wide tires prevent any injury to the sod. The valves work separately from the driver's seat so that either side can be used. A hose-threaded brass bib faucet is placed in the rear of the barrel, to which a regular three-quarter inch garden hose can be attached for watering plants and filling barrels.

Not included in our special offers.

Sprinkling cart as shown. Our net price, \$90.00.

See Special Offers on third page of cover.



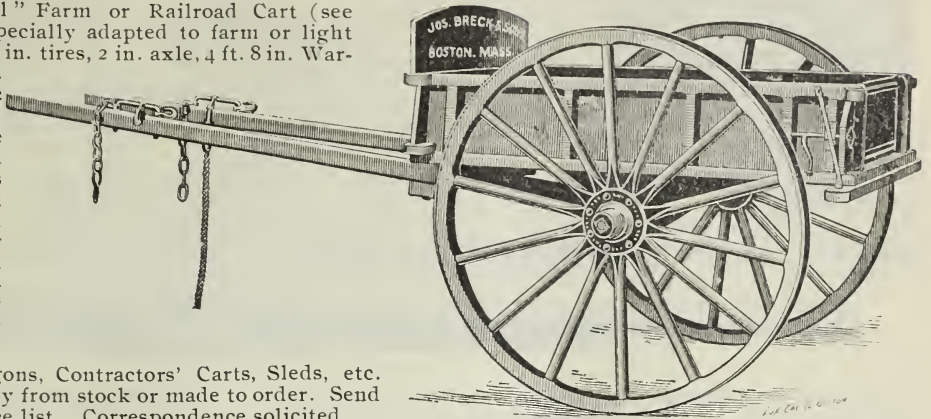
**BRECK'S "SPECIAL" FARM OR RAILROAD CART**

Breck's "Special" Farm or Railroad Cart (see illustration) is especially adapted to farm or light contract work. 4 in. tires, 2 in. axle, 4 ft. 8 in. Warner hub wheels. Capacity 22 cubic feet.

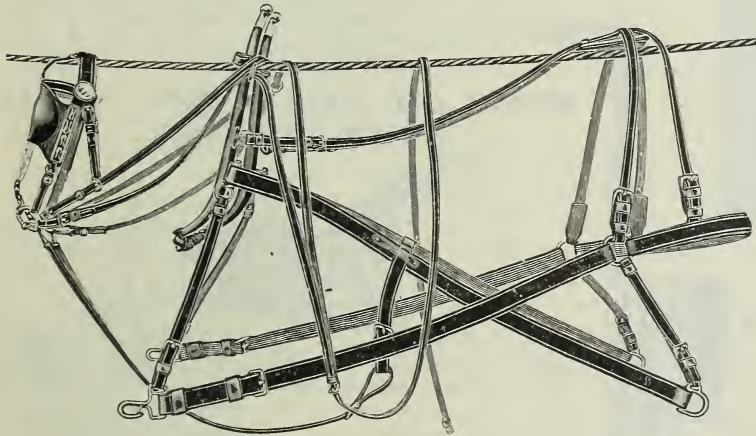
Nothing but the best material, both wood and iron, is used. Each cart is well painted and we can assure our customers that they compare favorably with any offered in New England.

N.B. Farm Wagons, Contractors' Carts, Sleds, etc. furnished promptly from stock or made to order. Send for illustrated price list. Correspondence solicited.

Farm or Railroad Cart, . . . . .	Mfrs. price each, \$60.00	Our net price, each, \$50.00
Shifting sides for same . . . . .	"    set, 6.00	"    set, 5.00



**OAK TANNED LEATHER HARNESS, STRICTLY HAND MADE**



We offer an excellent line of harness, made expressly for us in large quantities at very low prices, quality being considered. These are not the cheap machine sewed harness that generally give out during the first rain storm they are used in, but a plain, well finished, strong, hand sewed article, that we guarantee to be exactly as represented. Any style of harness built to order promptly and at a reasonable price.

**BRECK'S EXTRA DOUBLE TEAM HARNESS.**

Special Cart Harness, complete, less collar, each . . . . .	Mfrs. price, \$32.00	Our net price, \$25.00
Extra Double Team Harness, less collars . . . . .	"    65.00	"    50.00
Double Farm Harness, complete, less collars . . . . .	"    50.00	"    40.00
Single Driving Harness . . . . .	"    28.00	"    23.00
Single Express Harness . . . . .	"    38.00	"    30.00
Collars, extra quality, all sizes, each . . . . .	"    3.50	"    3.00
Sweat Pads, all sizes, each . . . . .	"    .50	"    .40
Hame Straps, common, 20 inch, each . . . . .	"    .40	"    .25
"    "    extra, 1 1/8 x 24 inch, each . . . . .	"    .50	"    .30
"    "    1 1/8 x 30 " . . . . .	"    .60	"    .35

In addition to the foregoing we carry in stock a complete assortment of Trace, Whiffree, Stake, Back, Breast and Tailboard Chains, Beck and Belly Bands, Hames, Halters, Tie Ropes, Stake Irons, Wire Cushions, 3 Bow Tops, Umbrellas, etc., at lowest market prices.

W. E. WHITMAN, Manager. Factory at Auburn, Maine

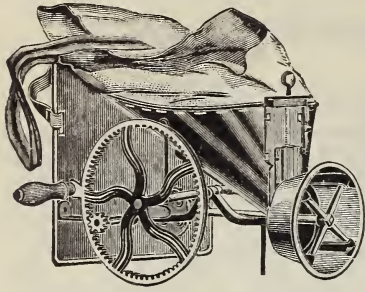
**THE WHITMAN AGRICULTURAL WORKS.**

MANUFACTURERS OF

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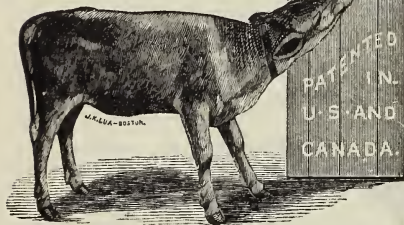
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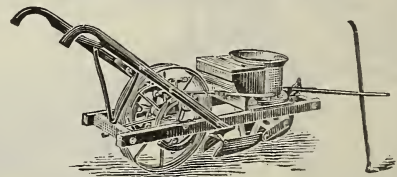
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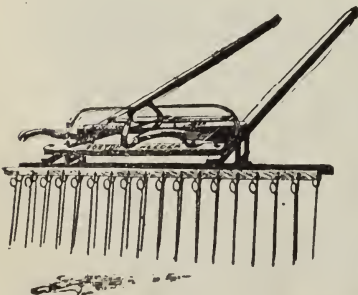
2-qt.	\$1.74	10 qt.	\$5.89
3 "	2.14	12 "	7.00
4 "	2.64	15 "	8.50
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For complete catalogue of Agricultural Hardware, Implements and Machines, Woodenware, etc., and how to obtain it, see page xiv.

See Special Offers on third page of cover.



It is somewhat difficult to convey detailed particulars as to how success may be had in the planting and maturing of flowers. The skilled gardener who has every appliance necessary, often fails in his efforts; while the little girl who has no knowledge of the art, but loves flowers, will frequently surprise not only herself but the older folks, *who are not so much interested*, with the results obtained by her labor and love. "The Norwegians have a pretty and significant word, 'Opelske,' which they use in speaking of the care of flowers. It means literally 'loving up,' or cherishing them into health and vigor."

The following practical information, in connection with the special cultural notes, that, when necessary, are set in the right-hand column against the variety, will be of service in making for success.

**Hardy Annuals** (hA.).—This class requires no artificial aid, but grow and flower freely in the open air, mature their seeds and die in the same year. Before sowing the seeds in the open border, the soil should be thoroughly enriched with fertilizer, or stable manure, dug and raked until firm, level and smooth. If possible, the location should be free from shade, although some sorts do well where they do not have the sun for more than half the day.

Seed should be sown in spring as soon as the ground is dry enough to work freely. After the seed is sown shake over it fine soil sufficient to cover, lighter or heavier, according to its size; a good rule is, say, to cover, to twice the depth of the diameter of the seed. Very fine seed, such as *Portulacas*, require no covering at all, but should be merely pressed into the soil with a piece of board, or the palm of the hand. A second sowing ought always to be made in from two to four weeks after the first, in order to provide for a succession, as well as to insure against failure.

When it is desired to sow hardy Annuals and carry them along indoors until they can be planted out for early effect, there is nothing better than shallow boxes, two or three inches deep, filled with sandy loam. Take especial care until the plants are up and during their early stages of growth to give plenty of air and moisture, and yet *not too much water* or they will "damp off." When they are well out of the seed leaf they should be planted in rows in other shallow boxes; or in two-inch pots, setting from three to six plants around the edges. If they begin to crowd one another before the weather is suitable for setting out a second transplanting, more thinly or into larger pots, may be necessary. When first set out in the garden, or during very dry weather, until well established, they should be watered frequently. Keep down all weeds, and loosen the ground occasionally so that the plants may receive the full benefit of rains and dews, which will not be the case if the ground is allowed to become hard or crusted.

**Half-Hardy Annuals** (hhA.).—These, in the latitude of Boston, should not be sown out-doors until about the middle of May. A good rule, followed by a successful gardener, is to sow these, and even some of the tender Annuals, at the same time he makes his sowings of cucumbers and melons. With half-hardy Annuals, however, it is generally best to sow them under the same conditions as advised for hardy Annuals in-doors.

**Tender Annuals** (tA.).—To get strong plants and an early bloom, sow the seed in shallow boxes or pots in March, and place them in a warm greenhouse, or plunge in a moderate hot bed, shade from the strong sun and water only with a very fine rose. A very light, sandy soil and good drainage are essentials. Be particular that the finer seeds are not covered over deep, but have the soil pressed closely about them. Water frequently, especially if the greenhouse or hot bed is very warm. When the plants are out of the seed leaf, transplant into shallow boxes or small pots. When sufficiently strong and the weather is suitable, set out in the flower beds, but not before the end of May.

**Hardy Biennials** (hB.) and **Perennials** (hP.).—These require the same conditions as hardy Annuals. Those marked with a dagger (†) if sown early, in boxes, as directed for hardy and half-hardy Annuals, will bloom the first year. All, however, may be sown in the open border in August or September; in which case it is a good plan at the commencement of frost to give them a light covering of straw, leaves or

See Special Offers on third page of cover.

dry litter. When the frost is out of the ground in spring remove the covering, loosen the soil around the plants, and when large enough transplant them to where they are permanently to remain.

**Half-Hardy Biennials** (hhB.) and **Half-Hardy Perennials** (hhP.).—These may be sown in the open border as directed for hardy Annuals, but, when practical, it is generally better to start them in-doors, as recommended for half hardy Annuals.

**Tender Biennials** (tB.) and **Tender Perennials** (tP.).—Accord these the same treatment as recommended for tender Annuals.

Those to whom a greenhouse or hot bed is not available will meet with good success by placing the boxes or pots in the open sunlight in the windows of the dwelling house, and keep the temperature from 65 to 75 degrees during the day and 10 degrees less at night. If the soil was in proper condition at planting time, a slight sprinkling once a week will be sufficient until the plants begin to grow nicely.

**Greenhouse Seeds.**—Some of these may be sown at almost any season of the year. Leaf mould, or peat, with some fine sand added, is the most suitable soil, and the shallow pots or boxes before recommended can be used. The smaller seeds of greenhouse plants are somewhat difficult to germinate unless extra care be taken with them; they require to be slightly watered occasionally, and sheltered from the hot sun until large enough to transplant. Press the soil firmly down into the pot or box and make perfectly level, so that no unequal settlement takes place through watering. The seeds should be sown thinly and covered very lightly with finely sifted sphagnum moss. A pane of glass placed over the pot or box until the little plants get well started is of decided benefit, but care should be taken to air occasionally, when excessive moisture is shown by water globules on the under side of the glass. When the young plants have two leaves they should be transplanted into a similar soil, in other pots or boxes. To do this do not pull them out one by one, but, if in a pot, remove the entire contents and break up gently; if in a box, loosen by running a trowel around the side and take out a mass at a time, thus preserving the little roots which are so essential to their future welfare. After transplanting, keep in a shady part of the greenhouse and water sparingly until established, when they may be removed to the light.

It is well to know that Poppies delight in a rich, sandy loam, that Eschscholtzias will do best in a poor soil; or of Pansies, give them abundance of old manure, the richest earth you can find, plenty of water and partial shade; that you need not be anxious if it is not convenient to carry water for Nasturtiums in a dry time, for their habitat is dry Chili, and they will thrive in a dryer soil and atmosphere than almost any other plant; or that Zinnias like a heavy, cool clay; Sweet Peas a deep, rich soil and plenty of water, while such gross feeders as Roses, Sunflowers, Hollyhocks, Dahlias and Asters cannot be planted in too rich a situation; yet,

"To raise your flowers, various arts combine,  
Study these well, and fancy's flight decline;  
If you would have a vivid, vigorous breed,  
Of every kind, examine well the seed;  
Learn to what elements your plants belong;  
What is their constitution, weak or strong;

Be their physician, careful of their lives,  
And see that every species daily thrives;  
These love much air, these on much earth rely;  
These, without constant warmth, decay and die;  
Supply the wants of each, and they will pay  
For all your care through each succeeding day."

### EXPLANATORY.

Our General List of Flower Seeds, it will be found, is divided into the following groups, viz.: Annuals, Perennials and Biennials; Climbers; Greenhouse Plants; Everlastings; Ornamental Grasses, etc. The botanical and common names are arranged in alphabetical order, and a very complete index will be found in front of book. The dash (—) designates the repetition of the name above it as applying to the variety to which the dash is prefixed; the *first column*, following the name, denotes hardiness and duration; the *second column*, height in feet; the *third column*, color, or predominating colors; the *fourth* and *fifth columns* show the price per ounce and packet respectively; the *sixth column* gives brief descriptions or special notes on culture. To this arrangement and the following abbreviations we have given the most careful attention, and we trust that their simplicity will not only find favor with our customers, but prove valuable to them as a handy reference.

### KEY TO ABBREVIATIONS.

hA designates Hardy Annuals—Lasting but one year.  
hhA " Half Hardy Annuals—Lasting but one year.  
tA " Tender Annuals—Lasting but one year.  
hB " Hardy Biennials—Lasting two years.  
hhB " Half Hardy Biennials—Require protection during winter.  
hP " Hardy Perennials—Lasting three or more years.  
hhP " Half Hardy Perennials—Require protection during winter.  
tP " Tender Perennials—Lasting three or more years, but require greenhouse protection during winter.  
f " Biennials or Perennials that, if sown early, will bloom the first year.  
Trail, " Trailing Habit; and Var., Various.

The abbreviations of colors are—

blk.—black.  
br.—brown.  
tri.—tricolor.  
car.—carmine.

crim.—crimson.  
sul.—sulphur.  
lav.—lavender.  
pur.—purple.

var.—variegated.  
scar.—scarlet.  
spot.—striped.  
ver.—vermilion.

In some instances when the flower is of two colors, these are indicated by the initial letters only,—for example, b&w—blue and white; s&y—scarlet and yellow; w&p—white and pink.

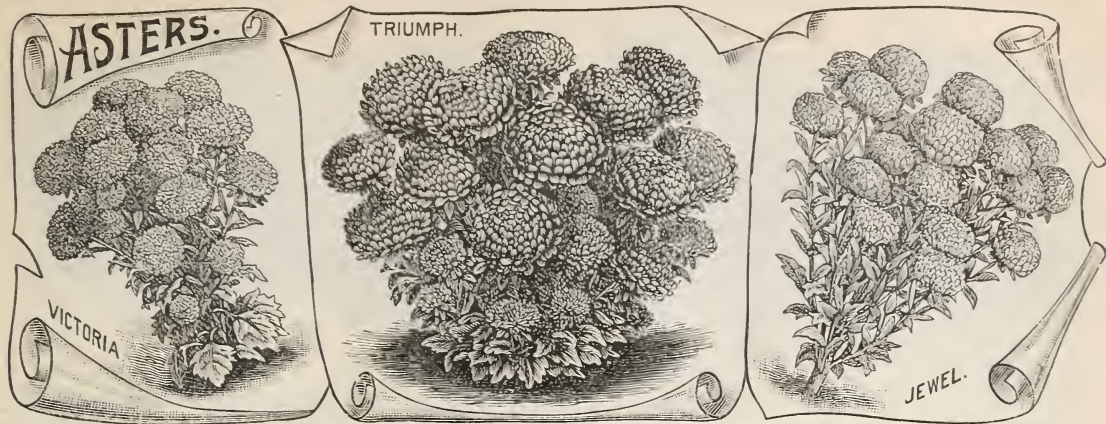
For Flower Seed Novelties, see colored pages.



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Abobra</b> (see Climbers)					
<b>Abronia</b> , arenaria .....	hhA	trai	yel.	.50 5	} Sweet scented, verbena like trailers. Do best in light soil. Sow in open ground in May.
umbellata grandiflora .....	"	"	rose	.50 5	
villosa .....	"	"	pur.	.50 5	
<b>Abutilon</b> , see Seeds for Greenhouse					
<b>Abyssinian Grass</b> , see Ornamental Grasses					
<b>Acacia</b> , see Seeds for Greenhouse					
<b>Acanthus mollis</b> .....	hP	3	white	5	} Ornamental foliage, valuable for decorative purposes.
<b>Achillea ptarmica</b> , flore pleno .....	"	1	"	10	
The Pearl .....	"	1½	"	10	} Flowers freely throughout summer and autumn. Excellent for cutting.
<b>Achimenes</b> , see Seeds for Greenhouse					
<b>Aconitum napellus</b> (Monks Hood) .....	"	3	blue	5	} Popular plants, adapted to shady situations.
pyrenaicum .....	"	"	yel.	5	
mixed .....	"	"	mix'd	1.00 5	
<b>Acroclium</b> , see Everlastings					
<b>Adenophora liliifolia</b> .....	"	3	l. blue	10	Free flowering, fragrant border plant.
<b>Adumia</b> (Alleghany Vine), see Climbers					
<b>Adonis autumnalis</b> .....	hA	1	crim.	.25 5	}
æstivalis .....	"	"	scar.	.25 5	
vernalis .....	hP	1½	yel.	.50 5	
<b>Æthionema grandiflora</b> .....	"	1	rose	5	} A desirable border plant, free flowering.
<b>African Rose</b> , see Hibiscus					
<b>Agatheæ cœlestis</b> (Blue Marguerite) .....	tP	2	blue	5	} Small daisy-like flowers.
<b>Ageratum</b> , Ada Bowman .....	†tP	¾	l. blue	1.00 5	
Blue Perfection .....	"	"	"	1.00 5	} Seed may be sown indoors early in the season, or outdoors in a light rich soil when the ground warms. The plants bloom the whole summer and are valuable for edging, bedding, borders, also for cutting. Seed sown in August will produce plants for winter flowering.
conspicuum .....	"	1	white	.75 5	
Lasseauxi .....	"	"	rose	.50 5	
Mexicanum .....	hhA	"	lav.	.40 5	
—album .....	"	"	white	.50 5	
—dwarf blue .....	"	¾	blue	.60 5	
—dwarf white .....	"	"	white	.60 5	
—grandiflorum roseum .....	"	1	rose	.75 10	
—Little Dorrit, blue .....	"	¾	blue	1.00 5	
—Little Dorrit, white .....	"	"	white	1.00 5	
—nanum luteum .....	"	"	yel.	1.00 5	
—roseum .....	"	"	rose	1.00 5	
<b>Agrostemma Cœli-Rosa</b> (Rose of Heaven) .....	hA	1	rose	5	} All easily grown, free flowering attractive plants. The perennial sorts do well in dry situations.
—alba .....	"	"	white	.40 5	
coronaria alba .....	†hP	1½	"	.50 5	
—rosa (Rose Champion) .....	"	2	rose	.50 5	
Flos Jovis (Jove's Flower) .....	"	"	"	.60 5	
mixed .....	"	"	mix'd	.40 5	
<b>Agrostis</b> , see Ornamental Grasses					
<b>Allium Neapolitanum</b> .....	hp	1½	white	5	

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H'gt Feet.	Color of Flower	Price per		DESCRIPTION.
				Oz.	Pkt.	
<b>Alonsoa</b> albiflora.....	hhA	1½	white	.60	5	} Sow in hot-bed and plant out after middle of May. Being continuous bloomers they are desirable for bedding.
grandiflora.....	"	"	scar.	.60	5	
linifolia.....	"	"	"	.60	5	
myrtifolia.....	"	2½	"	.60	5	
Warszewiczii.....	"	2	"	.60	5	
<b>Althæa</b> rosea, see Hollyhock						
<b>Aloysia</b> citriodora (Lemon Verbena), see Seeds for Greenhouse						
<b>Alstrœmeria</b> mixed hybrids.....	tP	3	mix'd	1.50	10	} The flowers are of great brilliancy. They succeed in any soil and are adapted for cutting.
pulchella.....	"	"	y. & r.		10	
<b>Alyssum</b> maritimum (Sweet Alyssum)	hA	1½	white	.30	5	} Sow thickly, where wanted to flower, early in the spring. Plants for winter flowering are readily had from seed sown in August.
—compactum.....	"	1/3	"	.30	5	
—Little Gem.....	"	"	"	.50	5	
—procumbens.....	"	"	"	.60	5	
saxatile compactum (Gold Dust)...	hP	1	yel.	.40	5	
<b>Amaranthus</b> Abyssinicus.....	hhA	3	d. red		5	} Very striking plants on account of their beautiful varied colored foliage or peculiar mode of bloom. The leaves are always largest when the 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 place where wanted for effect. If sown out doors the soil should be very fine and the spot protected until the plants are well started.
bicolor ruber.....	"	"	red	.50	5	
caudatus (Love Lies Bleeding).....	"	"	"	.20	5	
cruentus (Prince's Feather).....	"	"	crim.	.20	5	
Henderi.....	"	"	cr.&y.	.75	5	
melancholicus ruber.....	"	2	red	.40	5	
Princess of Wales.....	"	"	cr.&y.	.75	5	
salicifolius (Fountain Plant).....	"	2½	red	.70	5	
tricolor giganteus.....	"	6	mix'd	.50	5	
—splendens (Joseph's Coat).....	"	3	sc.&y.	.25	5	
finest mixed.....	"	var.	mix'd		5	
collection 12 choicest sorts.....				.50c.		
<b>Ammobium</b> , see Everlastings						
<b>Ampelopsis</b> , see Climbers						
<b>Anagallis</b> (Pimpernelle)						
grandiflora superba.....	hhA	½	mix'd	.60	5	} Constant bloomers, suitable for beds, rockwork, etc. Plant in sunny situations.
<b>Anchusa</b> augustifolia.....	†hP	2	blue	.60	5	} Flowers somewhat like Forget-me-not. Very ornamental and of long duration when cut.
Barrelieri.....	"	"	d.blue	.75	5	
capensis.....	"	"	pur.	.60	5	
<b>Andropogon</b> , see Ornamental Grasses						
<b>Anemone</b> (Wind Flower).....						
coronaria.....	hP	1	mix'd	.80	5	} Spring and autumn flowering plants that require a rich, deep soil. The Japanese sorts flower in the fall and are especially beautiful.
—St. Brigid, Poppy-flowered.....	"	"	"		10	
Japonica rosea.....	"	2½	rose	2.00	10	
—alba, Honorine Jobert.....	"	"	white	2.00	20	
Pennsylvanica.....	"	1½	"	1.00	10	
sylvestris (Snowdrop Wind Flower)	"	1	"		5	
<b>Angelonia</b> grandiflora.....	†hhP	"	pur.		10	} A beautiful winter pot plant. Long spikes of cup shaped flowers. Very fragrant.
—alba.....	"	"	white		20	
<b>Animated Oats</b> , see Ornamental Grasses						
<b>Antirrhinum</b> (Snap Dragon).....						
grandiflorum majus.....	†hP	2	mix'd	.50	5	} If sown in March or April and set out when strong enough, these plants make a display that is unequalled for duration and brilliancy. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm but well enriched soil. Seed sown outdoors in May will produce satisfactory results. <i>Our Strains of these are superior to all others in size and brilliancy of flowers.</i>
—nanum, six colors: crimson, scarlet, striped, yellow, white and carmine	†hP	1½	"	.70	10	
—separate.....	"	"	"	.50	10	
—mixed.....	"	"	"			
—Tom Thumb, six colors: crimson, rose, white, yellow, striped, orange and scarlet	†hP	1	mix'd	.70	10	
—separate.....	"	"	"	.50	10	
—mixed.....	"	"	"	.60	10	
—Niobe.....	"	"	p.&w.	.60	10	
—Queen of the North.....	"	"	white	.60	10	
—Royal Standard.....	"	"	sc.&w.		10	
—Yellow Queen.....	"	"	yel.	2.00	10	
<b>Anthemis</b> (Chamomile) Arabica.....	hP	2	yel.	.30	5	} Free flowering plants that do well in any situation.
tinctoria.....	"	"	"	.60	5	
<b>Aquilegia</b> (Columbine) alba fl. pl.....	"	"	white		5	} This plant, found in nearly every State in the Union does well in
Californica hybrida.....	"	"	y.&or.	2.00	5	
Canadensis.....	"	1	or'ge	1.00	5	
caryophylloides.....	"	1½	stri.	.75	20	
chrysantha.....	"	3	yel.	2.00	10	



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aquilegia—Continued.</b>					
caerulea hybrida.....	hP	3	b. & y.	3.00 10	} almost any situation, but prefers a moist sunny place. It flowers early in spring. Seed may be sown in the open ground. It is also readily propagated by division of the root. The flowers are very peculiar and striking in form, of many bright colors and all are fragrant.
glandulosa major.....	"	"	b. & w.	.50 5	
Jaetschauli.....	"	2	y. & r.	.75 10	
olympica.....	"	"	blue	1.00 5	
—fl. pl.....	"	"	b. & w.	.75 10	
Skinneri.....	"	1½	s. & y.	5.00 5	
Stuarti.....	"	"	b. & w.	.10	
double mixed.....	"	var.	mix'd	.50 5	
single mixed.....	"	"	"	.50 5	
collection 12 choice varieties...50c.	"	"	"	"	
<b>Arzlia Siboldi.....</b>	hhP	3	white	10	} Handsome palm-like shrub. White spring flower, trailing habit. Seed should be started in heat. Very showy bedding plant for dry situations.
<b>Arabis alpina.....</b>	"	1½	"	5	
<b>Arctotis breviscapa.....</b>	"	"	or'ge	5	} Large glaucous foliage and poppy-like flowers.
<b>Argemone grandiflora (Prickly Poppy)</b>	hA	2	white	.40 5	
<b>Aristolochia</b> , see Climbers.....					
<b>Armeria (Thrift or Sea Pink)</b>					
formosa.....	hP	¾	d. cr.	5	} Fine for edgings or borders. The bright, tufted flowers are produced all summer.
maritima splendens.....	"	1	d. rose	5	
<b>Arnebia cornuta.....</b>	hhA	"	y. & m.	10	} Fine for cutting. Flowers freely all summer. Seed should be started in heat.
<b>Arundo</b> , see Ornamental Grasses					
<b>Asclepias tuberosa (Milkweed).....</b>	hP	1½	or'ge	5	} A showy plant for the border.
<b>Asparagus</b> , see Seeds for Greenhouse					
<b>Asperula azurea setosa.....</b>	hhA	¾	blue	5	} Sweet scented, long bloomers, suitable for cutting.
odorata (Woodruff).....	hP	1½	white	5	
<b>Asphodelus albus.....</b>	"	2	wht.	5	} Showy border plants with long spikes of flower. They do well in any soil.
luteus.....	"	4	yel.	5	

**Asters.** We not only claim that the strains of Asters offered by us are equal to any BUT THAT THEY ARE VASTLY SUPERIOR to those sold by many seedsmen. They are raised especially for our trade by the leading specialists of Europe and America. We pay much higher prices for them than are asked for the ordinary qualities on the market. The demand for Breck's Asters from the leading commercial and private growers all over the United States, however, warrants the labor and expense incurred, and 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. Our prices speak for themselves.

**Cultivation.**—Those who wish Asters in flower throughout the season should make the first sowing about the middle of February and every two weeks thereafter until the middle of June. 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, either into other shallow boxes three inches apart, or into small pots. When the weather is settled and fairly warm set the plants out in the open ground, one foot apart each way, where they are intended to flower, and keep watered until they are established. Keep the soil open by frequent hoeings, and when the plants are two-thirds grown mulch with well rotted manure. A loose, but strong loam is best suited for asters.

The Aster Family is very large, embracing over 200 species. The most desirable are the Branching, Comet, Jewel, Pæony-Flowered, Rose-Flowered, Victoria and Washington.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
Aster Breck's International Prize....	hhA	varied	mix'd	4.50 10	Breck's International Prize represents all the best classes and colors of large flowering Asters. Those who can devote only a limited space to their cultivation will be delighted with this selection which embraces the cream of the most desirable races to date.
Betteridge's Quilled, mixed.....	"	2	mix'd	2.00 5	
—collection, 12 distinct colors.....40	"	"	"	"	
—collection, 6 " ".....25	"	"	"	"	
Boltze's Dwarf Bouquet, mixed.....	"	¾	mix'd	2.00 10	
—collection, 6 distinct colors.....30	"	"	"	"	
Boston Florists', dark blue.....	"	2	d. blue	2.25 10	
—light blue.....	"	"	l. blue	2.25 10	
—bright rose.....	"	"	rose	2.25 10	
—peach blossom.....	"	"	pink	2.25 10	
—scarlet.....	"	"	scar.	2.25 10	A beautiful and much grown sort of the Victoria type.
—white.....	"	"	white	2.25 10	
—mixture.....	"	"	mix'd	2.00 10	
—collection, 6 distinct colors.....50	"	"	"	"	
Branching, pure white.....	"	3	white	2.50 10	
—shell pink.....	"	"	pink	2.50 10	
—lavender.....	"	"	lav.	2.50 10	
—purple.....	"	"	pur.	2.50 10	
—crimson.....	"	"	crim.	2.50 10	
—Semple's, mixed.....	"	"	mix'd	2.25 10	
—Vick's, mixed.....	"	"	"	2.25 10	A superior class. The flowers are very large and resemble the Japanese Chrysanthemum in their graceful form and wavy petals.
Chrysanthemum Flowered Dwarf, finest mixed.....	"	¾	"	2.25 10	
—collection, 12 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....35	"	"	"	"	
Chrysanthemum Flowered Tall, finest mixed.....	"	2	"	2.00 10	
—collection, 6 distinct colors.....35	"	"	"	"	
Comet, Giant, The Bride.....	"	"	white	2.75 10	
—light blue.....	"	"	l. blue	2.75 10	
—lilac.....	"	"	lilac	2.75 10	
—crimson.....	"	"	crim.	3.00 10	
—peach blossom.....	"	"	pink	3.50 10	A much-improved form of the Comet Aster. The large, chrysanthemum-like flowers are borne on long stems, in the greatest profusion.
—rose.....	"	"	rose	3.00 10	
—sulphur yellow.....	"	"	yel.	4.00 10	
—rose and white.....	"	"	r. & w.	3.00 10	
—finest mixed.....	"	"	mix'd	2.50 10	
—collection, 10 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....40	"	"	"	"	
Cocardeau or Crown, Improved.....	"	1½	"	2.00 5	
—Finest mixed.....	"	"	"	"	
—collection, 6 distinct colors.....35	"	"	"	"	
Dobbies' Globe Quilled, mixed.....	"	2	"	1.00 10	Closely-built, double flowers.
—collection, 6 distinct colors.....50	"	"	"	"	
Dwarf German, mixed.....	"	1½	"	1.25 5	A favorite, old variety.
Dwarf Pæony Flowered Perfection	"	"	"	"	Plants of fine, dwarf habit. Flowers large, very double, incurved, and of great beauty.
—dark purple.....	"	I	d. pur.	3.00 10	
—blackish violet.....	"	"	d. vio.	3.00 10	
—scarlet.....	"	"	scar.	3.00 10	
—white.....	"	"	white	3.00 10	
—finest mixed.....	"	"	mix'd	2.50 10	
—collection, 12 distinct colors.....60	"	"	"	"	
—collection, 6 " ".....40	"	I	"	"	
Dwarf Pyramidal Bouquet, —mixed.....	"	¾	"	1.25 10	Very profuse bloomer, adapted for growing in lines or clumps.
Dwarf Silver Ball.....	"	I	white	2.00 10	
Giant Emperor, mixed.....	"	1½	mix'd	3.00 10	A very free flowering sort.
—collection, 12 distinct colors.....65	"	"	"	"	
—collection, 6 " ".....35	"	"	"	"	Flowers of immense size and delicate colors.
Golden King.....	"	"	yel.	10	
Goliath, mixed.....	"	2½	mix'd	2.00 10	A decided acquisition in color.
—collection, 6 distinct colors.....30	"	"	"	"	
Grace or Schiller, mixed.....	"	1½	"	1.25 10	Of very strong growth. Flowers extremely double.
—collection, 8 distinct colors.....30	"	"	"	"	
Harlequin, mixed.....	"	"	"	3.00 10	Especially suitable for bouquets.
Imbricated Cocardeau, mixed.....	"	"	"	2.50 10	
Imbricated Pompon, red.....	"	I	red	2.50 10	The flowers are very oddly spotted and striped.
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—collection, 6 distinct colors.....35	"	"	"	"	The flowers are small, but borne in the greatest profusion.
Imbricated Pompon, red.....	"	I	red	2.50 10	Small, exquisitely formed, double flowers, borne in great profusion, suitable for cutting.
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—collection, 6 distinct colors.....35	"	"	"	"	





NAME.	Hard. and Dur.	H <sup>2</sup> p <sup>t</sup> Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aster.—Continued.</b>					
Jewel or Ball, apple blossom	hhA	2	pink	2.75 10	One of the best. The plants are of fine habit and free bloomers. The flowers are perfectly round in form, and incurved like a chrysanthemum.
—crimson	"	"	crim.	2.75 10	
—deep rose	"	"	rose	2.75 10	
—purple	"	"	pur.	2.75 10	
—rose and white	"	"	r. & w.	2.75 10	
—azure blue	"	"	blue	4.00 10	
—red violet	"	"	violet	4.00 10	
—pure white	"	"	white	4.00 10	
—mixed	"	"	mix'd	2.50 10	
—collection, 6 distinct colors	50	"	"	"	
Lady in White, pink	"	"	pink	3.00 10	The plants are of very branching habit. The flowers are of semi-globular form.
—rose	"	"	rose	3.00 10	
—white	"	"	white	2.50 10	
—mixed	"	"	mix'd	2.00 10	
La Superbe, rose	"	"	rose	3.00 10	Beautiful pæony-like flowers.
—azure blue and white	"	"	b. & w.	3.00 10	
—white	"	"	white	3.00 10	
—mixed	"	"	mix'd	3.00 10	
Liliput, mixed	"	1	mix'd	1.50 10	Most floriferous. Flowers small and very double.
Mignon, crimson	"	1 1/2	crim.	4.00 10	Not surpassed by any for cutting. The flowers are of fine form, attractive alike in the garden and bouquets.
—rose	"	"	rose	4.00 10	
—white	"	"	white	4.00 10	
—scarlet	"	"	scar.	4.00 10	
—rosa-alba	"	"	l. rose	4.00 10	
—mixed	"	"	mix'd	3.50 10	
Needle Victoria or Hedgehog, mixed	"	"	"	3.00 10	A form of the Victoria with pointed petals.
Non Plus Ultra, mixed	"	1	"	3.00 10	Plants of upright habit of growth. Flowers large and double.
—collection, 6 distinct colors	40	"	"	"	
Ostrich Feather	"	"	white	4.00 10	An early flowering variety.
Pæony Flowered Globe, crimson	"	1 1/2	crim.	2.50 10	
—light blue	"	"	l. blue	2.50 10	
—snow white	"	"	white	2.50 10	
—mixed	"	"	mix'd	2.00 10	
—collection, 6 distinct colors	30	"	"	"	
Pæony Flowered Perfection, Truffaut's, Improved,	"	"	"	"	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; the flowers are larger, fuller, of better form, and the petals more incurved, like a chrysanthemum.
—blood red	"	2	d. red	3.00 10	
—brilliant rose	"	"	rose	3.00 10	
—brilliant scarlet	"	"	scar.	3.00 10	
—dark blue	"	"	d. blue	3.00 10	
—delicate rose	"	"	l. rose	3.00 10	
—crimson	"	"	crim.	3.00 10	
—carmine rose	"	"	pink	3.00 10	
—light blue	"	"	l. blue	3.00 10	
—snow white	"	"	white	3.00 10	
—mixed	"	"	mix'd	2.50 10	
—collection, 12 distinct colors	60	"	"	"	
—collection, 6	30	"	"	"	
Prince of Wales, light blue	"	1 1/2	l. blue	3.00 10	
—rose	"	"	rose	3.00 10	
—white	"	"	white	3.00 10	
—mixed	"	"	mix'd	2.50 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Aster. Continued.</b>					
Pearl, red.....	hhA	1	red	4.00 10	} One of the really good sorts. The plants are of vigorous habit and fine bush form. The flowers are of globular form, double and finely imbricated.
—rose.....	“	“	rose	4.00 10	
—white.....	“	“	white	4.00 10	
—mixed.....	“	“	mix'd	3.50 10	
Queen of the Earlies (Queen of the Market).					
—crimson.....	“	1½	crim.	2.00 10	} Very early, blooming about four weeks before the other sorts. Valuable for an early display in the garden, and for cutting.
—light blue.....	“	“	l. blue	2.00 10	
—rose.....	“	“	rose	2.00 10	
—white.....	“	“	white	2.00 10	
—mixed.....	“	“	mix'd	1.75 10	
Ray, bright rose.....	“	“	rose	3.00 10	} Distinct and pretty, resembling the straight-rayed Japanese chrysanthemums.
—white.....	“	“	white	3.00 10	
—mixed.....	“	“	mix'd	2.75 10	
Rose Flowered, blue.....	“	2	blue	3.00 10	} A magnificent class, with splendid, large double flowers of brilliant colors.
—scarlet.....	“	“	scar.	3.00 10	
—white.....	“	“	white	3.00 10	
—mixed.....	“	“	mix'd	2.75 10	
—collection, 6 distinct colors.....	35	“	“	“	
Snowball or Princess, dark blue.....	“	1½	d. blue	3.00 10	} Beautifully imbricated flowers of faultless form.
—dark crimson.....	“	“	d. cr.	3.00 10	
—rose.....	“	“	rose	3.00 10	
—white.....	“	“	white	3.00 10	
—mixed.....	“	“	mix'd	2.75 10	
Triumph, deep scarlet.....	“	¾	scar.	5.00 10	} Very beautifully formed, and perhaps most desirable of the dwarf varieties.
—scarlet and white.....	“	“	s. & w.	4.00 10	
—white.....	“	“	white	4.00 10	
—mixed.....	“	“	mix'd	4.00 10	
Victoria, Improved.					
—azure blue.....	“	1½	l. blue	4.00 10	} Of vigorous habit, pyramidal form, flowers very large, beautifully imbricated and freely produced. There is nothing superior.
—dark blue.....	“	“	d. blue	4.00 10	
—scarlet.....	“	“	scar.	4.00 10	
—crimson.....	“	“	crim.	4.00 10	
—light rose.....	“	“	l. rose	4.00 10	
—carmine rose.....	“	“	d. rose	4.00 10	
—rose and white.....	“	“	r. & w.	4.00 10	
—peach blossom.....	“	“	pink	4.00 10	
—purple violet.....	“	“	violet	4.00 10	
—white.....	“	“	white	4.00 10	
—white, tinted rose.....	“	“	p. rose	4.00 10	
—sulphur yellow.....	“	“	yel.	4.00 10	
—coppery rose.....	“	“	bronz.	4.00 10	
—mixed.....	“	“	mix'd	3.50 10	
—collection, 12 distinct colors.....	70	“	“	“	
—collection, 6.....	40	“	“	“	
Victoria, Dwarf, light blue.....	“	¾	l. blue	4.00 10	} Resembles the above, but of much dwarfer habit.
—rose.....	“	“	rose	4.00 10	
—snow white.....	“	“	white	4.00 10	
—mixed.....	“	“	mix'd	3.50 10	
Washington, mixed.....	“	2	“	3.00 10	} The largest flowering sort in existence. Valuable for exhibition purposes.
—collection, 6 distinct colors.....	40	“	“	“	
Single Flowered Marguerite, mixed.....	“	“	“	1.00 10	} Abundance of flowers, variety of color, and suitableness for cutting will make this popular.
Perennial (Michaelmas Daisy).					
—alpinus speciosus.....	thhP	1	pur.	1.00 15	} These are easily raised from seed and make attractive, autumn flowering, border plants.
—bessarabicus.....	“	2	blue	1.00 10	
—gymnocephalus.....	“	“	rose	15	
—mixed.....	“	varied	mix'd	2.00 5	
Aubrietia, Bougainvillei.....	hP	trail.	pur.	1.25 10	} A spring-flowering, Alyssum-like plant, fine for rockwork, etc.
—Leichtlinii (rosy carmine).....	“	“	car.	10	
Avena, see Ornamental Grasses.					
Baby's Breath; see Gypsophila Paniculata.					
Bachelor's Button, see Centaurea Cyanus.					
Balloon Vine, see Climbers.					

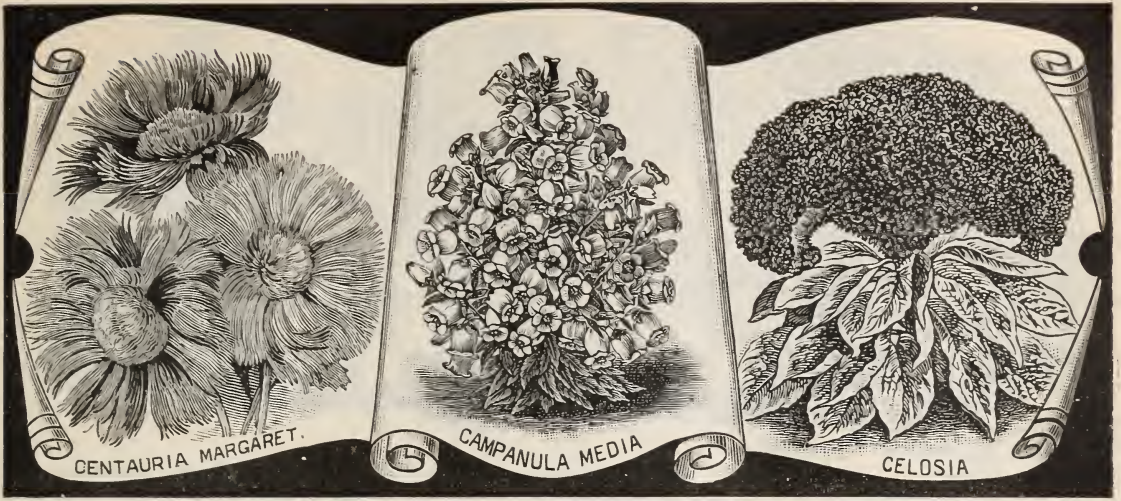


NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Balsam</b> (Impatiens), double white....	hhA	2	white	1.50 5	Magnificent summer and autumn flowering annuals. A rich sandy loam is most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May.
double red .....	"	"	red	1.50 5	
camellia-flowered, Alba Perfecta .....	"	"	white	3.50 10	
—mixed .....	"	"	mix'd	1.25 5	
—collection, 6 distinct colors .....	.25	"	"	"	
carnation striped, mixed .....	"	"	strip.	1.00 5	
rose-flowered, mixed .....	"	"	mix'd	1.00 5	
—collection, 6 distinct colors .....	.25	"	"	"	
dwarf double, mixed .....	"	1 1/4	"	1.00 5	
choice mixture .....	"	2	"	1.00 5	
<b>Bartonia</b> aurea .....	hA	3	yel.	.40 5	These form no tubers, but are grown for their ornamental foliage.
<b>Bean</b> , Climbing, see (Phaseolus) Climbers.					
<b>Beet</b> , Brazilian, golden veined.....	"	1 1/2		.20 5	
—scarlet veined .....	"	"		.20 5	
<b>Begonia</b> , see Seeds for Greenhouse.					A favorite dwarf plant for beds, flowers early in spring. Seed may be sown in heat or in open ground in May.
<b>Bellis</b> perennis (Double Daisy).....					
alba fl. pl. ....	thP	1/2	white	4.00 10	
rubra fl. pl. ....	"	"	red	5.00 10	
Longfellow .....	"	"	pink	4.00 10	
double mixed .....	"	"	mix'd	3.50 10	Flowers resemble the Calliopsis.
<b>Bidens</b> atrosanguinea.....	hhP	2	d. red	5	
grandiflora .....	hA	"	yel.	5	
<b>Bignonia</b> , see Climbers.					Ornamental foliage plant, may be grown singly or in clumps.
<b>Bocconia</b> Japonica .....	hP	6	white	10	
<b>Boston Ivy</b> , see (Ampelopsis) Climbers.					Easily grown and very ornamental.
<b>Brachycome</b> (Swan River Daisy)—					
iberifolia .....	hhA	1	blue	.60 5	
alba .....	"	"	white	.60 5	A fine annual for either house or garden cultivation. Valuable for bouquets.
<b>Briza</b> , see Ornamental Grasses.					
<b>Brizopyrum</b> , see Ornamental Grasses.					
<b>Bromus</b> , see Ornamental Grasses.					
<b>Browallia</b> Czerwiakowski .....	"	1 1/2	d. blue	.75 5	
elata .....	"	"	blue	.75 5	
—alba .....	"	"	white	.75 5	
—purpurea .....	"	"	pur.	1.00 5	
Roczli .....	"	"	w.& b.	5	
mixed .....	"	"	mix'd	.60 5	The seed should not be sown until warm, settled weather.
<b>Byronopsis</b> , see Climbers.					
<b>Bupthalmun</b> (Ox-Eye)—					
salicifolium .....	hP	2	yel.	.75 5	Profuse flowering plants of easy culture; bloom all summer.
<b>Cacalia</b> (Tassel Flower) aurea.....	hhA	1 1/2	"	.50 5	
coccinea .....	"	"	scar.	.50 5	Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
<b>Calandrinia</b> grandiflora .....	thP	1	pur.	.60 5	
speciosa alba .....	hA	"	white	.50 5	
umbellata .....	"	1/2	crim.	.75 5	
<b>Calceolaria</b> , see Seeds for Greenhouse.					

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Calendula</b> (Marigold), La Proust . . . . .	hA	1½	buff	.25 5	} Showy free flowering plants that do well in all situations. They bloom until late in autumn and are valuable alike for the garden and indoor winter blooming.
meteor . . . . .	"	1	strip.	.25 5	
Prince of Orange . . . . .	"	"	or'nge	.25 5	
pluralis (Cape Marigold) . . . . .	"	"	white	.25 5	
sulphurea . . . . .	"	"	yel.	.25 5	
superba, yellow, dark eye . . . . .	"	"	"	.25 5	
<b>Calliopsis</b> , see Coreopsis.					
<b>Callirhoe</b> lineariloba . . . . .	hP	"	d. car.	.75 5	} Linum-like flowers. Continue in bloom all summer.
pedata nana compacta . . . . .	hA	"	d. rose	.50 5	
<b>Calampelis</b> , see Climbers.					
<b>Campanula</b> (Canterbury Bell)—					
carpatica . . . . .	hP	"	blue	.50 5	} These are well-known favorites. Seed may be sown in the open ground in April or May. The annual and biennial sorts will bloom the first year; the perennials early the year following. They all like a good rich soil. All of them are exceedingly beautiful and attractive, especially when the different colors are planted together.
—alba . . . . .	"	½	white	.50 5	
Japonica . . . . .	"	2	blue	.75 10	
macrostyla . . . . .	hA	"	rose	2.00 5	
mirabilis . . . . .	hP	"	l. blue	10	
persicifolia grandiflora . . . . .	"	3	"	5	
—alba . . . . .	"	"	white	5	
pyramidalis compacta alba . . . . .	"	"	"	10	
speculum (Venus Looking Glass) . . . . .	hA	½	mix'd	.50 5	
medium double mixed . . . . .	thB	2½	"	.75 5	
—single, mixed . . . . .	"	"	"	.50 5	
—calycanthera (or cupped) mixed . . . . .	"	"	"	1.00 5	
—Dean's hybrids, double and single . . . . .	"	"	"	5	
<b>Candytuft</b> (Iberis)					
Breck's Improved White Spiral . . . . .	hA	1½	white	.50 5	} Very effective for beds, borders, etc., and useful for pot culture during winter. It is grown extensively by florists for cutting. The seed may be sown any time, either in the house or open ground.
carmine . . . . .	"	1	car.	.30 5	
crimson, Dunnett's . . . . .	"	"	crim.	.30 5	
Empress . . . . .	"	"	white	.50 5	
Giant Hyacinth-Flowered . . . . .	"	"	"	.75 5	
odorata . . . . .	"	"	"	.25 5	
Rocket . . . . .	"	"	"	.25 5	
Rose Cardinal . . . . .	"	"	rose	.75 5	
umbellata . . . . .	"	"	pur.	.25 5	
mixed . . . . .	"	"	mix'd	.25 5	
dwarf hybrid . . . . .	"	¾	"	.75 5	
Perennial Candytuft, see Iberis.					
<b>Canna</b> , dark-leaved varieties . . . . .	hhP	5	"	.40 5	} To grow from seed, cut through the hard outer covering, soak for ten hours and plant the seed half an inch deep. A warm moist temperature is necessary.
green-leaved varieties . . . . .	"	"	"	.25 5	
Crozy's Large Flowered, mixed collection, twelve Crozy's varieties. 75	"	3	"	.50 10	
<b>Cannabis gigantea</b> (Giant Hemp) . . . . .	hhA	8		.50 5	} Ornamental habit. Suitable for backs of borders, etc.
<b>Cardiospermum</b> , see Climbers					
<b>Carduus benedictus</b> (Blessed Thistle) . . . . .	hA	2	yel.	.50 5	} Easily grown and very pretty.
<b>Castor Oil Plant</b> , see Ricinus					
<b>Carnation</b> , see Dianthus Caryophyllus					
<b>Celosia</b> (Cockscomb) cristata . . . . .	hhA	¾	fawn	3.00 5	} The cristata sorts have become very popular for bedding; their beautifully formed, highly colored flowers being very attractive and effective. The plumosa class is splendid in both foliage and flower, very suitable for vases, borders, etc. The "Ostrich Feather" produce large plumes, beautifully curved and curled.
—dwarf chamois . . . . .	"	"	brnze	3.00 5	
—copper-color . . . . .	"	"	crim.	3.00 5	
—dark crimson . . . . .	"	"	pur.	3.00 5	
—Empress . . . . .	"	"	crim.	3.00 5	
—Glasgow prize . . . . .	"	"	crim.	3.00 5	
—golden yellow . . . . .	"	"	yel.	3.00 5	
—Queen . . . . .	"	"	rose	3.00 5	
—scarlet . . . . .	"	"	scar.	3.00 5	
—violet . . . . .	"	"	viol.	3.00 5	
—Vesuvius . . . . .	"	"	scar.	4.00 5	
—mixed . . . . .	"	"	mix'd	1.50 5	
collection, 12 dwarf sorts . . . . .	60	"	"	"	
plumosa, crimson . . . . .	"	2	crim.	.75 5	} Seed should be sown in a hotbed in March or April, and transplanted to pots when large enough. The size of the combs of the cristata are greatly increased by several transplantings before the combs form.
—golden yellow . . . . .	"	"	yel.	.75 5	
—Thompson's Superb . . . . .	"	"	crim.	.75 5	
—Ostrich Feather, crimson . . . . .	"	3	"	1.00 5	
—orange . . . . .	"	"	or'ge	1.00 5	
—mixed . . . . .	"	vari'd	mix'd	.75 5	
<b>Centaurea</b> (Dusty Miller) . . . . .					
candidissima . . . . . per ¼ oz., \$1.00	hhP	1	pur.	10	} These useful plants are grown entirely for their finely cut, almost snow-white foliage. They are fine
Clementei . . . . . per ¼ oz., 75c.	"	2	yel.	10	
gymnocarpa . . . . .	"	1	yel.	.80 10	

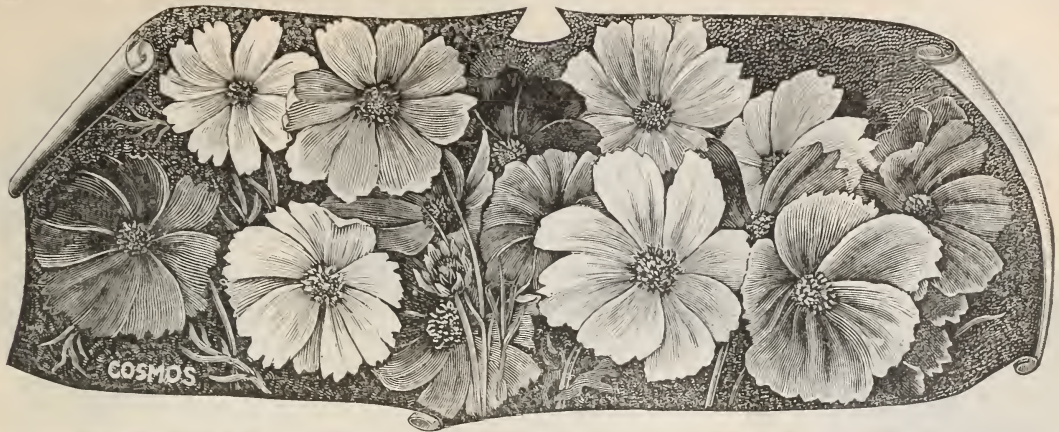
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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Centaurea.—Continued.</b>					
cyanus (Bachelor's Button or Corn Flower).....					for ribbon borders, edges of beds, etc. These are well-known favorites. The habit of the strain we offer is a much improved one, while the range of colors and shades is also greatly enhanced. They make a splendid display in the garden and are valuable for cutting.
—Emperor William .....	hA	I	blue	.25 5	
—brown .....	"	"	br.	.25 5	
—red .....	"	"	red	.25 5	
—pink .....	"	"	pink	.25 5	
—Victoria.....	"	3/4	blue	1.00 10	
—lilac .....	"	I	lilac	.25 5	
—purple .....	"	"	pur.	.25 5	
—white .....	"	"	white	.25 5	
—double mixed.....	"	"	mix'd	.25 5	
odorata, Chameleon.....	hhP	1 1/2	varied	3.25 10	A new class, with large finely formed and deliciously fragrant flowers. Graceful plants that bear a profusion of sweet scented flowers in many colors.
—Margaret .....	"	"	white	1.50 10	
moschata (Sweet Sultan).....	hA	"	pur.	.50 5	Clusters of long tube like flowers. Dwarf silver-leaved plant, valuable for edging.
sauevolens (Yellow Sweet Sultan)...	"	"	yel.	.75 5	
<b>Centranthus, mixed.....</b>	"	"	mix'd	.25 5	
<b>Cerastium tomentosum.....</b>	thP	1/2	white	10	
<b>Chamaepeuce—</b>					
cassabonæ (Fish Bone Thistle).....	hP	1 1/2		1.00 5	Thistle-like plants, with ornamental foliage.
diacantha .....	"	"	yel.	.75 5	
<b>Chelone barbata Torreyi .....</b>	thhP	2	scar.	.50 5	Pentstemon-like flowers. Brilliant colors.
hybrida.....	"	"	mix'd	.50 5	
<b>Chinese Pink, see Dianthus Chinensis.</b>					
<b>Chloris, see Ornamental Grasses.</b>					
<b>Chloropsis, see Ornamental Grasses.</b>					
<b>Chrysurus, see Ornamental Grasses.</b>					
<b>Chrysanthemum coronarium.....</b>					
—yellow .....	hA	1 1/2	white	.40 5	All the annual chrysanthemums are very effective and showy plants for beds and borders. They are also desirable for cultivation in the house. Their showy flowers are produced in abundance all summer. For cutting there is nothing better. The seed may be sown in the open border in April or May, or in a hot-bed and transplanted when large enough.
—sulphur .....	"	"	yel.	.40 5	
—imbricatum .....	"	"	mix'd	.40 5	
—mixed .....	"	"	"	.40 5	
tricolor double, Golden-leaved.....	"	"	"	.50 5	
—Dunnett's Double Golden .....	"	"	yel.	.75 5	
—Eclipse .....	"	"	br.&y.	.50 5	
—Burridgeanum .....	"	I	w. & r.	.40 5	
—Purple Crown.....	"	1 1/2	sc.&y.	.60 5	
—scarlet .....	"	"	scar.	.50 5	
—white .....	"	"	white	.30 5	
—yellow .....	"	"	yel.	.50 5	
—double mixed.....	"	"	mix'd	.75 5	
fringed hybrids.....	"	"	"	1.00 10	
inodorum, double.....	"	I	white	1.00 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Chrysanthemum.</b> — <i>Continued.</i>					
frutescens (Marguerite or Paris Daisy)	hP	1	white	1.00 10	} These are the Paris Daisy. They are attractive garden plants and valuable for cutting.
Comtesse de Chambord (Yellow Paris Daisy)	"	"	yel.	1.50 5	
uliginosum	"	1½	white	1.00 10	
Maximum Perfection	"	2	"	1.25 10	
Perennial sorts, see Seeds for Greenhouse.					
<b>Cineraria</b> (Dusty Miller) <i>maritima</i>	hhP	1½	yel.	.50 5	} Silver foliage plants, suitable for ribbon beds and edging.
<i>candidissima</i>	"	"	"	.50 5	
hybrida, see Seeds for Greenhouse.					
<b>Clarkia elegans alba</b>	hA	"	white	.40 5	} 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. They are all suitable for vases or hanging baskets.
—rosea, dwarf	"	1	rose	.75 5	
—Purple King, double	"	1½	pur.	.40 5	
—Salmon Queen	"	"	pink	.40 5	
—mixed, single and double	"	"	mix'd	.40 5	
pulchella	"	"	"	.40 5	
<b>Clematis</b> , see Climbers.					
<b>Clianthus</b> , see Seeds for Greenhouse.					
<b>Clintonia pulchella</b>	"	¾	bl.&w.	5	} A lobelia-like plant, charming for edging or rockwork.
<b>Cobæa</b> , see Climbers.					
<b>Cockscomb</b> , see Celosia.					
<b>Coix</b> , see Ornamental Grasses.					
<b>Coleus</b> , see Seeds for Greenhouse.					
<b>Collinsia</b> , mixed	"	1	mix'd	.35 5	} Beautiful free flowering plants for beds or mixed borders.
<b>Columbine</b> , see Aquilegia.					
<b>Commelina cœlestis</b>	thP	1½	bl.&w.	5	} Tuberos rooted, very showy plants, suitable for pots or borders.
<b>Convolvulus Minor</b> (Dwarf Morning Glory)—					} A dwarf Morning Glory suitable for growing in clumps or beds, and fine for hanging baskets, window boxes etc.
tricolor	hA	1	varied	.25 5	
Rose Queen	"	"	rose	.25 5	
splendens	"	"	violet	.25 5	
white	"	"	white	.25 5	
mixed	"	"	mix'd	.20 5	
mauritanicus	thhP	¾	blue	1.00 10	
<b>Convolvulus Major</b> , see Climbers.					
<b>Coreopsis</b> (Calliopsis)—					} Nothing is easier grown, more showy for the border, or lasting and effective when cut. The colors are varied and very bright throughout the entire season. } The perennial sorts are especially desirable both for garden effect and cutting. Like sweet peas they seem to like to be gathered, and thrive under adverse treatment. } Small spreading plants, pretty fringed flowers. } Large Coreopsis-like flowers. } The only drawback hitherto has been its late flowering habit. Cultivation overcomes this and selection over a period of years from a N. E. grown strain enables us to offer a choice selection of colors that will bloom from July till frost without any special attention, the flowers run through all the bright colors, but are a trifle smaller than the Californian grown sorts. To induce early blooming of the latter, grow the plants in small pots and allow them to become potbound before planting out. The seed should be sown indoors or in a hotbed in March or April.
atrosanguinea	hA	2	crim.	.25 5	
bicolor marmorata	"	"	y.&br.	.30 5	
—nana	"	1	mix'd	.40 5	
—tinctora	"	2	y.&br.	.40 5	
coronata	"	"	yel.	.40 5	
Drummondii	"	1	y.&br.	.35 5	
double hybrids	"	1½	mix'd	.40 5	
Tom Thumb Crimson King	"	½	crim.	10	
mixed	"	varied	mix'd	.25 5	
grandiflora	hP	2	yel.	.75 5	
lanceolata	"	"	"	.75 5	
perennials, mixed	"	"	mix'd	.75 5	
<b>Cosmanthus fimbriata</b>	hA	1	flesh	5	
<b>Cosmidium Burridgeanum</b>	"	2	or'ge	5	
<b>Cosmos</b> (Cosmea)—					
camelliaflora, pink	"	5	pink	5	
—red	"	"	red	5	
—white	"	"	white	5	
—mixed	"	"	mix'd	1.00 5	
fringed, pink	"	"	pink	5	
—white	"	"	white	5	
Giants, pink	"	"	pink	5	
—red	"	"	red	5	
—white	"	"	white	5	
—mixed	"	"	mix'd	.75 5	
Golden Yellow	"	"	yel.	5	
Marguerite	"	"	mix'd	5	
N. E. Early Blooming	"	"	"	1.00 5	
Tints of Dawn	"	"	w.&p.	5	
choice mixture, above sorts	"	"	mix'd	.75 5	



NAME.	Hard. and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Cowslip</b> , See <i>Primula Veris</i> .					
<b>Crepis</b> ( <i>Hawk Weed</i> ).....	hA	1	mix'd	5	Showy, continuous blooming annual. Desirable for borders or rockwork.
<b>Crucianelle</b> <i>stylosa</i> .....	hP	"	pink	5	
<b>Cucumis</b> , see <i>Climbers</i> .					
<b>Cucurbita</b> , see <i>Climbers</i> .					
<b>Cuphea</b> , see <i>Seeds for Greenhouse</i> .					
<b>Cyclamen</b> , see <i>Seeds for Greenhouse</i> .					
<b>Cyclanthera</b> , see <i>Climbers</i> .					
<b>Cypress Vine</b> , see <i>Climbers</i> .					
<b>Dahlia</b> , cactus, mixed.....	thhP	3	mix'd	10	} We offer seed from the finest collection in Europe. If the seed is started early in a hotbed an abundance of flowers will be produced the same season. They like a rich, deep soil. The roots should be housed during winter.
double <i>grandiflora</i> .....	"	4	"	1.50 10	
— <i>Pompon</i> .....	"	2	"	2.00 10	
— <i>Tom Thumb</i> .....	"	1½	"	10	
<i>Breck's single</i> .....	"	4	"	1.00 10	
<b>Daisy</b> , double, see <i>Bellis</i> .					
Swan River, see <i>Brachycome</i> .					
Paris, see <i>Chrysanthemum frutescens</i> .					
<b>Datura</b> ( <i>Trumpet Flower</i> )—					
<i>Cornucopia</i> .....	hA	2	w. & p.	5	} In large clumps, or borders of shrubbery, these produce an excellent effect. They delight in a light, sandy soil.
<i>Golden Queen</i> .....	"	"	yel.	5	
<i>humilis</i> , double.....	"	3	"	5	
<i>Wrightii</i> .....	thP	2	w. & li.	5	
mixed annuals.....	hA	varied	mix'd	.75 5	
<b>Delphinium</b> ( <i>Larkspur</i> ) <i>Bismarck</i> .....	"	1	r. stri.	5	} Very easily grown, exceedingly showy plants. Seed may be sown in the open border April or May. They well repay for special attention. Good soil and a liberal supply of well rotted manure is desirable. The taller sort are fine for shrubberies or mixed borders, while the tall kinds are suitable for beds. Most of the perennial sorts will flower the same season from an early sowing.
<i>candelabrum</i> , double.....	"	1½	mix'd	5	
<i>Double Dwarf Rocket</i> .....	"	1	"	.30 5	
<i>Emperor</i> .....	"	1½	"	.50 5	
<i>Giant Hyacinth Flowered</i> .....	"	2	"	.30 5	
<i>Tall Rocket</i> .....	"	2½	"	.30 5	
<i>Cardinale</i> .....	hP	3	scar.	10	
<i>Chinese double</i> .....	thP	2	blue	.50 5	
<i>elatum</i> ( <i>Bee Larkspur</i> ).....	"	4	"	.50 10	
<i>formosum</i> .....	"	2½	b. & w.	.75 5	
<i>grandiflorum album</i> .....	"	2	white	.50 5	
double hybrids.....	"	var.	mix'd	2.50 5	
<i>nudicaule</i> .....	"	1½	scar.	3.00 10	
<i>zalil</i> .....	"	1	yel.	10	
collection 6 varieties <i>Dwf. Rocket</i> ..30					
collection 6 varieties <i>Tall Rocket</i> ..30					
<b>Devil-in-a-Bush</b> , see <i>Nigella</i>					
<b>Dew Plant</b> , see <i>Mesembryanthemum tricolor</i>					
<b>Dianthus</b> ( <i>Pink</i> ).					
<i>Chinensis</i> , double mixed.....	thB	1	mix'd	.50 5	} The biennial sorts are all well known favorites that flower the first season. The colors of the <i>Heddwegii</i> vary through all shades of crimson to a delicate rose.
<i>Heddwegii</i> , single.....	"	"	"	.75 5	
—double.....	"	"	"	.75 5	
— <i>alba</i> , double.....	"	"	white	1.00 5	
— <i>atropurpureus</i> .....	"	"	red	1.00 5	

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DIANTHUS.

NAME.	Hard. and Dur.	H'gt Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Dianthus. Continued.</b>					
diadematus, double.....	thP	1	mix'd	5	The Diadematus shades from rose to purple. They are all exceedingly ornamental, and suitable alike for beds, borders, house cultivation and cutting. Sweet fragrance and great diversity in color and form are theirs peculiarly.
imperialis, double.....	"	"	"	.50 5	
laciniatus.....	"	"	"	.50 5	
—Crimson Bell.....	"	"	crim.	.75 5	
—Salmon Queen.....	"	"	pink	2.50 5	
double mixed.....	"	"	mix'd	1.00 5	
—nanus hybridus.....	"	¾	"	5	
plumarius (Pheasant's Eye).....	"	1	w. & p.	.50 5	
The Bride.....	"	"	"	5	
collection, 12 varieties.....	40				
barbatus, single mixed (Sweet William).....	nP	1½	mix'd	.40 5	The favorite old-fashioned German Sweet William.
—double mixed.....	"	"	"	5	
caryophyllus, Margaret, rose.....	thhP	1	rose	3.00 10	These bloom in about four months from time of sowing and produce 80 per cent double flowers. They are remarkable for the richness and profuseness of bloom as well as for vigor of growth.
—white.....	"	"	white	3.00 10	
—violet.....	"	"	violet	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—malmaison, mixed.....	"	"	"	6.00 10	
—Giant, mixed.....	"	1½	"	2.00 10	
—Chabaud, Perpetual.....	"	"	"	10	
—Dwarf Perpetual.....	hhP	1	"	10	
—Giant Perpetual.....	thhP	1½	"	25	
—Countess of Paris.....	hhP	"	yel.	25	
—Grenadin.....	"	"	scar.	2.00 10	Our seeds are saved especially for us by the best German and French growers, and are the very best obtainable.
—white.....	"	"	white	10	
—Picotee mixed.....	"	1	mix'd	25	
—collection of 12, carnations and Picotees.....	75				
Hardy Garden, double, rose.....	"	"	rose	25	These are improved strains of the well-known, old-fashioned, hardy garden, double, fragrant Pinks.
—white.....	"	"	white	10	
—mixed.....	"	"	mix'd	10	
Perpetual Perfection.....	"	1½	"	25	
<b>Dictamnus</b> fraxinella.....	hP	2	pur.	.75 5	A great favorite with bees. Very ornamental and sweetly scented.
—alba.....	"	"	white	1.00 5	
<b>Digitalis</b> (Foxglove) gloxiniaflora.....	"	4	mix'd	.50 5	A very showy plant for shrubberies, half-shady places, and borders. They thrive well in almost any soil.
grandiflora.....	"	"	yel.	.75 5	
maculata superba.....	"	3	spot.	.75 5	
purpurea.....	"	"	pur.	.25 5	
alba.....	"	"	white	.25 5	
mixed.....	"	"	mix'd	.40 5	
<b>Dodecatheon Meadia</b> (American Cow-slip).....	"	1	pur.	10	Beautiful native plant, with light purple flowers.
<b>Dolichos</b> , see Climbers.					
<b>Dutchman's Pipe</b> , see Climbers.					
<b>Echeveria</b> hybrida.....	hhP	¾	mix'd	20	Elegant, succulent plants for carpet bedding.
metallica, glaucous foliage.....	"	"	yel.	50	
<b>Eragrostis</b> , see Ornamental Grasses.					
<b>Erianthus</b> , see Ornamental Grasses.					
<b>Erigeron aurantiacus</b> .....	hP	¾	or'ge	5	An excellent, hardy, border plant.

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Erysimum</b> arkansanum .....	hA	1½	yel.	5	Sweet-scented, fine for cutting. Profuse bloomer.
<b>Erythrina</b> (Coral Tree). crista-galli.....	hhP	3	scar.	1.00 10	
<b>Eschscholtzia</b> (California Poppy)— Californica.....	hA	1	y.&o.	.30 5	Bright colored, vase shaped flowers, that continue in bloom a long time. They are fine for budding, borders or pots.
—rose cardinal.....	"	"	car.	.30 5	
—alba.....	"	"	white	.20 5	
—mixed.....	"	"	mix'd	.25 5	
Giant (Hunnemannia).....	"	"	yel.	.40 5	
crocea.....	"	"	or'ge	.30 5	
—alba fl. pl., double.....	"	"	white	.50 5	
mandarin.....	"	"	o.&s.	.50 5	
maritima (Maltese Cross.).....	"	"	yel.	.30 5	
tenuifolia (Fern-Leaved.).....	"	"	"	.50 5	
mixed.....	"	"	mix'd	.30 5	
<b>Eucalyptus</b> , globulus (Blue Gum Tree)	hP	100		.40 5	Makes a fine tree in a sheltered location. Seed should be started in heat.
<b>Eulalia</b> , see Ornamental Grasses.					
<b>Eucharidium</b> , Breweri.....	hA	1	rose	3.00 10	Natives of California. Very showy. Sometimes grown among grass.
grandiflorum.....	"	"	mix'd	.75 5	
<b>Euphorbia</b> heterophylla (Mexican Fire Plant).....	"	4		10	The bracts of E. heterophylla are a beautiful orange scarlet. The foliage of E. Variegata is green with a white margin.
variegata (Snow on the Mountain)...	"	1½		.50 5	
<b>Eutoca</b> multiflora.....	thB	"	pink	.50 5	Suitable for beds or mixed borders. Extra good for cutting.
viscida.....	"	1	blue	.40 5	
<b>Fenzlia</b> dianthiflora.....	hA	¼	rose	3.00 10	Requires considerable moisture. Very pretty for ribbons, beds or pot culture.
alba.....	"	"	white	3.00 10	
<b>Festuca</b> , see Ornamental Grasses.					
<b>Feverfew</b> , see Pyrethrum and Matricaria.					
<b>Flax</b> , see Linum.					
<b>Fountain Plant</b> , see Amaranthus Salicifolius.					
<b>Four O'Clock</b> , see Mirabilis.					
<b>Foxglove</b> , see Digitalis.					
<b>Fuchsia</b> , see Seeds for Greenhouse.					
<b>Funkia</b> alba (White Plaintain Lily)...	hP	1½	white	10	An excellent border plant. The flowers are borne on spikes well above the foliage. They prefer a dry situation.
cerulea.....	"	"	blue	10	
<b>Gallardia</b> (Blanket Flower) picta.....	hA	"	r.&y.	.25 5	Seed may be sown any time in spring outdoors, in a good light soil. They bear a profusion of beautifully formed brilliant colored flowers, are valuable alike for beds and cutting. The perennial sorts if sown indoors or in a hot-bed, bloom splendidly the first season.
—lorenziana, double.....	"	"	mix'd	.50 5	
amblyodom.....	"	2	red	.75 5	
mixed.....	"	varied	mix'd	.75 5	
grandiflora maxima.....	thhP	1½	yel.	.75 5	
—superba.....	"	"	r.&y.	5	
<b>Galega</b> officinalis.....	hP	3	blue	5	Ornamental plants with spikes of pea shaped flowers suitable for borders or cutting.
—alba.....	"	"	white	5	
<b>Gaura</b> , Lindheimeri.....	thhP	"	w.&r.	.40 5	Produces numerous spikes of elegant white and red tinted flowers.
<b>Gentiana</b> acaulis (Blue Gentian).....	hP	½	blue	.75 5	Dwarf growing very beautiful, hardy herbaceous plants.
cruciata.....	"	1	l. blue	.75 5	
lutea.....	"	3	yel.	.75 5	
<b>Geranium</b> , see Seeds for Greenhouse.					
<b>Geum</b> coccinium, fl. pl., double.....	"	1½	scar.	5	Showy plants of the easiest culture. Produce an abundance of flowers suitable for cutting.
japonicum.....	"	"	yel.	5	
<b>Gesneria</b> , see Seeds for Greenhouse.					
<b>Gilia</b> achilleæfolia.....	hA	1	blue	.30 5	Old-fashioned favorites that bloom throughout the entire season, suitable for any situation.
tricolor (white, lilac and purple.)...	"	"	tri.	.30 5	
<b>Glaucium</b> luteum (Horn Poppy).....	thP	2	yel.	.75 5	A showy border plant with silver gray foliage.
<b>Globe Amaranth</b> (Gomphrena) see Everlastings.					
<b>Gloxinia</b> , see Seeds for Greenhouse.					

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NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Godetia</b> , Duchess of Albany.....	hA	1½	white	.75 5	One of the most desirable annuals. They produce throughout the entire season an abundance of beautiful flowers in a great variety of delicate colors. They are of very easy culture and suitable for beds, mixed borders and ribbons.
Gloriosa.....	"	1	red	3.00 5	
Lady Albermarle.....	"	"	crim.	.50 5	
The Bride.....	"	"	w&car	.50 5	
Yellow Queen.....	"	"	yel.	1.00 5	
mixed.....	"	"	mix'd	.40 5	
<b>Gourds</b> (Cucurbita) see Climbers.					
<b>Gynyerium</b> , see Ornamental Grasses.					
<b>Gypsophila</b> , cerastioides.....	hP	¾	white	5	Easily grown free flowering plants, suitable for rockwork, shubberies, etc. Their fine feathery appearance makes them especially suitable for bouquets.
elegans.....	hA	1	"	.30 5	
—roesa.....	"	"	rose	.30 5	
muralis.....	"	½	red	.50 5	
paniculata.....	hP	2	white	.30 5	
<b>Hare's Tail</b> , see Ornamental Grasses.					
<b>Hawkweed</b> , see Crepis.					
<b>Helenium</b> Douglasii.....	"	2	yel.	5	Showy single yellow flowers.
Bigelowii.....	"	3	"	10	
<b>Helianthus</b> (Sunflower) argophyllus.....	hA	6	"	.20 5	<i>Argophyllus</i> has beautiful silvery foliage. <i>Californicus</i> , large double orange colored flowers. <i>Cucumerifolius</i> is of branching habit and covered with small dark centered flowers. <i>Early Double Flowered</i> produces flowers from July until frost. <i>Folia aurea variegata</i> and <i>nana variegata</i> have beautiful yellow splashed foliage. The <i>multiflorus</i> are showy perennial varieties. <i>Golden Bouquet</i> and <i>Stella</i> are particularly desirable on account of their early blooming qualities. <i>Lenticularis</i> of graceful branching habit.
californicus double.....	"	4	d. yel.	.15 5	
cucumerifolius.....	"	"	yel.	.40 5	
Early Double Flowered.....	"	6	"	.25 5	
folia aurea variegata.....	"	5	"	.25 10	
globulus fistulosus plenus.....	"	4	"	.20 5	
—multiflorus.....	+hhP	"	"	.30 5	
—plenus.....	"	5	"	.30 5	
Golden Bouquet.....	hA	3	"	5	
Giant Russian.....	"	7	"	5	
lenticularis (Thousand Flowered).....	"	10	"	.30 5	
nana variegata.....	"	3	"	.30 5	
Oscar Wilde, black centre.....	"	"	"	.30 5	
Stella.....	"	4	"	.50 5	
mixed.....	"	varied	mix'd	.15 5	
<b>Heliopsis</b> Pitcheriana.....	hP	3	yel.	10	Calliopsis-like. Very fine for cutting.
<b>Heliotrope</b> , see Seeds for Greenhouse.					
<b>Helleborus</b> (Christmas Rose) niger.....	"	1	pink	5	Will bloom in midwinter if afforded the protection of a cold frame.
New Hybrids.....	"	"	mix'd	10	
<b>Hesperis</b> (Sweet Rocket), mixed.....	"	1½	"	5	Transplant every second year.
<b>Heuchera</b> sanguinea.....	"	2	crim.	2.00 15	Graceful spikes suitable for cutting.
<b>Hibiscus</b> Africanus (African Rose).....	hA	2	yl&br	.35 5	Beautiful and showy plants; remarkable for the size and fine colors of flowers. The perennial sorts should be sown early indoors in order to get a successful flowering the same season.
militaris (Marsh Mallow).....	+hP	3½	rose	3.00 5	
moscheutos albus.....	"	3	white	.75 5	
palustris roseus.....	"	"	rose	1.00 5	
Crimson Eye.....	hA	5	w&cr.	10	
Golden Bowl.....	"	"	yel.	10	
<b>Hollyhock</b> (Athæa Rosea).....					
Breck's Silver Medal Strain.....	+hP	6	mix'd	2.50 10	A very superior strain offered either mixed or in 12 separate colors.

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.	
<b>Hollyhock.—Continued.</b>						
Chater's Double.....	thP	6	mix'd	2.00	10 } Imported, mixed or separate colors.	
Double, mixed.....	"	"	"	1.00	5 }	
Single, mixed.....	"	"	"	1.00	5 } An entirely new type; the flowers	
Allegheny.....	"	"	"	6.00	10 } are semi-double, finely fringed, and	
collection, 12 distinct colors.....	I.00	"	"			embrace delicate shades of red.
<b>Honesty</b> , see Lunaria.						
<b>Humea</b> , see Seeds for Greenhouse.						
<b>Humulus</b> (Hop), see Climbers.						
<b>Iberis</b> (Candytuft), Gibraltarica.....	hP	¾	pink	10	} Beautiful, hardy, dwarf-growing, spring flowering plants.	
jacunda.....	"	"	crim.	10		
sempervirens.....	"	1	white	5		
<b>Ice Plant</b> , see Mesembryanthemum crystallinum.						
<b>Impatiens sultani</b> (Perennial Balsam).....	hhP	1	scar.	10	} Brilliant colored, single flowers throughout a long season.	
Hybrids, mixed.....	"	varied	mix'd	10		
<b>Inula ensifolia</b> .....	thP	1½	yel.	10	} The plants are of fine bush form, and covered with bloom.	
<b>Ipomœa</b> , see Climbers.						
<b>Iris Kœmpferi</b> .....	hP	2	mix'd	5	The beautiful Japanese Iris.	
<b>Jacob's Ladder</b> , see Polemonium.						
<b>Job's Tears</b> , see Ornamental Grasses.						
<b>Kaulfussia amelloides</b> , mixed.....	hA	1	mix'd	5	Fine for edging, or beds.	
<b>Kenilworth Ivy</b> , see Linaria.						
<b>Lagurus</b> , see Ornamental Grasses.						
<b>Lantana</b> , see Seeds for Greenhouse.						
<b>Larkspur</b> , see Delphinium.						
<b>Lathyrus</b> , see Climbers.						
<b>Lavendula</b> (Lavender), spica.....	hP	2	blue	.25	5 } Well known, sweet scented flower of the old gardens.	
<b>Lavatera arborea variegata</b> .....	hhP	3	red	1.00	5 } Hollyhock-like flowers. L. arborea	
alba.....	hA	2	white	.50	5 } has a beautiful mottled foliage.	
trimestris.....	"	3	red	1.00	5 }	
<b>Leptosiphon hybridus</b> .....	"	1	mix'd	.40	5 } The colors are blue, white, lilac, purple and orange. Very attractive.	
<b>Leptosyne maritima</b> .....						
Stillmani.....	hhA	2	yel.	.75	5 } Large, single flowers, useful for cutting.	
	"	"	"	10		
<b>Liatris</b> (Blazing Star) pyenostachia.....	hP	3	pur.	5	} Fine for dry soils. Produces handsome spikes of flowers.	
spicata.....	"	1½	rose	5		
<b>Limnanthus Douglasii</b> .....	hA	1	w.&y.	5	} Does well in damp, shady places. Splendid for bees.	
mixed.....	"	"	mix'd	5		
<b>Linaria cymbalaria</b> (Kenilworth Ivy).....	hP	tra.	violet	3.00	} Snap dragon shaped flowers desirable for edging and good for rock-work. It is unsurpassed for baskets, vases, etc.	
—alba.....	"	"	white	.40		5
—maroccana.....	hA	¾	rose	.40		5
—hybrids.....	"	"	mix'd	4.00		5
<b>Linum</b> (Flax) flavum (Golden Flax).....	thhP	"	yel.	1.25	5	} Effective and showy plants for beds and borders.
grandiflorum rubrum.....	hhA	"	crim.	.20	5	
luteum.....	"	"	yel.	1.00	5	
Perennial sorts.....	hhP	1	mix'd	.30	5	
<b>Loasa</b> , see Climbers.						
<b>Lobelia erinus</b> . Crystal Palace Compacta..... ¼ oz..50						
—compacta oculata.....	thhP	½	d. blue	10	} Dark blue with white eye.	
—Delicata.....	"	"	"	5		
—Emperor William.....	"	"	"	10	} Indigo blue with white eye. Skyblue.	
—erecta.....	"	"	blue	5		
—Fornosa.....	"	¾	"	5	} Of upright growth.	
—goldelse.....	"	½	red	5		
—Gracilis..... ¼ oz., .40	"	"	blue	5	} Yellow foliage.	
—Paxtoniana.....	"	tra.	"	5		
—Prima Donna compacta.....	"	½	b. & w	5	} Fine for baskets and vases. White with blue belt.	
—pumila magnifica.....	"	"	d. red	10		
—White Gem.....	"	1/3	d. blue	10	} The best for edging and pots.	
—Royal Purple.....	"	"	white	10		
—speciosa.....	"	½	pur.	5		
—cardinalis (Cardinal Flower).....	hP	tra.	blue	5		
syphyllitica.....	"	2	scar.	10	} Showy border plants.	
	"	"	blue	10		
<b>Lophospermum</b> , see climbers.						
<b>Lotus Jacobæus</b> .....	hhA	"	br.	.50	5 } Pretty and interesting plants with small pea-shaped flowers.	
—luteus.....	"	"	yel.	.75	5 }	
<b>Love-in-a-Mist</b> , see Nigella.						



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Love-Lies-Bleeding</b> , see <i>Amaranthus caudatus</i> .					
<b>Lunaria biennis</b> (Honesty).....	†hB	2	pur.	.40 5	} The seed pods make fine winter bouquets.
<b>Lupinus Cruickshanki</b> .....	hP	3	varied	.30 5	
mutabilis.....	"	"	"	.30 5	} Showy, easily grown plants, with long spikes of bright colored flowers.
Mixed Annual.....	hA	"	mix'd	.25 5	
—Perennial.....	hP	"	"	.25 5	
<b>Lychnis chalconica</b> .....	†hP	2	scar.	.50 5	} Bright colored border plants of easy culture.
—alba.....	"	"	white	.50 5	
—mixed.....	"	"	mix'd	.40 5	
fulgens.....	hhP	1	scar.	1.00 10	
haageana hybrida.....	hP	"	mix'd	10	
<b>Lythrum roseum superbum</b> .....	†hP	1½	rose	.30 5	} Magnificent spikes of large rosy-purple flowers.
<b>Malcomia</b> (Virginia Stock).....	hA	1	mix'd	.30 5	
<b>Malope grandiflora</b> .....	hP	2	"	.30 5	} Grand for beds or edging. Fine for cutting.
<b>Malva or Mallow, crista</b> .....	hP	3	"	.30 5	
miniata (Sunset Plant).....	hhP	4	scar.	.50 5	} Curled Mallow. Ornamental foliage plant.
<b>Martynia fragrans</b> .....	hhA	2	pur.	.30 5	
mixed.....	"	"	mix'd	.30 5	} Stately plants with gloxinia-like flowers that are followed by horn-like fruit. Seed should be sown in a gentle bottom heat.
<b>Marigold</b> , see <i>Tagetes</i> and <i>Calendula</i> .					
<b>Marguerite</b> , see <i>Chrysanthemum frutescens</i> .					
<b>Marvel of Peru</b> , see <i>Mirabilis</i> .					
<b>Mathiola bicornis</b> (Evening Scented Stock).....	hhA	½	white	.25 5	} The flowers are closed during the day. Sweet scented at night.
<b>Matricaria</b> (Double Feverfew).					
capensis.....	hA	1	"	.40 5	} Continuous bloomers. Fine for bedding or pot culture. Golden Ball is especially fine.
exima (Golden Ball).....	"	1½	yel.	10	
—grandiflora.....	"	1	white	.75 5	
<b>Maurandya</b> , see Climbers.					
<b>Mesembryanthemum crystallinum</b> (Ice Plant).....	hhA	trai.	"	5	} Like a warm, sunny situation. They are all effective in beds, rock-work, baskets or vases. <i>M. crystallinum</i> has peculiar glistening foliage.
tricolor (Dew Plant).....	"	¼	rose	5	
—alba.....	"	"	white	5	
mixed.....	"	var.	mix'd	5	
<b>Mignonette</b> ( <i>Reseda odorata</i> ) <b>grandiflora</b> .....	hA	1	w&bf.	.15 5	} 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 Giant Machet and Golden Machet as being particularly good and the most desirable for pot culture.
—Allen's Defiance.....	"	1½	r. & w.	.70 10	
—Breck's Giant Machet.....	"	"	red.	.70 10	
—Crimson Giant or Queen.....	"	"	"	.30 5	
—Gabriele.....	"	"	"	.60 10	
—Golden Machet.....	"	"	yel.	.50 10	
—Golden Queen.....	"	"	"	.50 5	
—Miles' Spiral.....	"	"	white	.30 5	
—Parson's White.....	"	"	"	.30 5	
—Victoria.....	"	"	red	.50 10	
—White Prize.....	"	"	white	.30 10	
<b>Mimosa pudica</b> (Sensitive Plant).....	hhA	½	pink	.75 5	} The leaves of this plant close up if touched or shaken.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Mimulus</b> (Monkey Flower).					
cardinalis.....	thP	1½	mix'd	2.00 5	A genus of extremely handsome, profuse flowering plants, with singularly shaped and brilliant colored flowers. The seed should be sown early indoors.
cupreus duplex (Hose in Hose).....	"	"	spot.	1.00 10	
—hybridus.....	"	"	mix'd	10	
moschatus compacta (Musk).....	"	½	yel.	3.50 10	
Rœzii.....	thhP	1	yel.	5.00 15	
tigrinus grandiflora.....	"	"	spot.	5.00 10	
<b>Mirabilis</b> (Marvel of Peru or Four O'Clock)					
hybrid.....	"	2	mix'd	.20 5	Seed should be sown early indoors, and the plants set out when the weather is settled. If desired the roots may be kept over winter in the same way as dahlias. Few plants combine so much beauty of flower and foliage as this genus.
longiflora alba.....	"	"	white	.25 5	
variegated leaved.....	"	"	mix'd	.20 5	
collection 8 varieties.....	"	"	"	.30c.	
<b>Molucella lævis</b> (Shell Flower).....	hA	1	w.&p.	.75 5	Of very curious form, easily grown and worthy of attention.
<b>Momordica</b> , see Climbers					
<b>Monkshead</b> , see Aconitum					
<b>Morning Glory</b> , see climbers					
<b>Morning Glory</b> , dwarf, see Convolvulus tricolor					
<b>Mourning Bride</b> , see Scabiosa					
<b>Musk</b> , see Mimulus Moschatus					
<b>Myosotis</b> (Forget-Me-Not)					
alpestris mixed.....	thP	1	mix'd	.75 5	Charming little plants, very popular, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration. The <i>Stricta</i> is an entirely new class of pillar-like form and very attractive. They with the <i>Victoria</i> are the best sorts for pot culture. <i>M. Palustris Tom Thumb</i> is a miniature marsh Forget-me-not that flowers from May until frost.
—alba.....	"	"	white	1.00 10	
—cœrulea.....	"	½	blue	1.00 10	
—rosea.....	"	"	rose	.75 5	
—stricta rosea.....	"	1	"	10	
—cœlestina.....	"	"	blue	10	
—victoria.....	"	"	"	2.50 10	
Azorica.....	"	"	d.blue	10	
—alba.....	"	"	white	10	
palustris.....	"	½	b.&w.	2.50 10	
—semperflorens alba.....	"	"	white	3.50 10	
—Tom Thumb.....	"	¼	blue	10	
<b>Myrsiphyllum</b> , see Seeds for Greenhouse					
<b>Nasturtium</b> , dwarf, see Tropæolum nanum					
<b>Nasturtium</b> , tall, see climbers					
<b>Nelumbium luteum</b> (American Lotus)	hP		yel.	20	See Nymphæa for cultural directions.
speciosum (Egyptian Lotus).....	"		pink	20	
<b>Nemesia strumosa</b> Suttoni.....	hA	1½	var.	10	Sow the seed in light soil in March or April; requires gentle bottom heat.
<b>Nemophila</b> mixed.....	"	var.	mix'd	.20 5	Beautiful and of easy culture.
<b>Nicotiana affinis</b> .....	hhA	3	white	.50 5	Species of Tobacco. The three sorts first named have deliciously fragrant flowers. <i>Collosea</i> is a handsome ornamental foliage plant. Seed should be started indoors.
alata.....	"	"	pink	5	
atropurpurea grandiflora.....	"	4	crim.	.50 5	
colosea.....	"	6	"	10	
—variegata.....	"	"	"	10	
<b>Nierembergia frutescens</b> .....	"	1	lilac	.50 5	Generally has a white margin. Fine for edging or hanging baskets.
gracilis.....	"	"	blue	.50 5	
<b>Nigella</b> (Love-in-a-Mist).....	"	¾	mix'd	.30 5	Larkspur-like flowers.
<b>Nolana</b> mixed.....	"	½	"	.30 5	A fine trailer for rockeries.
<b>Nycternia capensis</b> .....	"		w.&y.	.50 5	Seed should be sown indoors or in a hotbed in March.
selaginoides.....	"		y.&w.	1.00 5	
<b>Nymphæa cœrulea</b> .....	hhP		blue	15	Seed should be planted during March or April in a tea cup containing two or three inches of soil, and filled up with water. After planting, the cup should be placed in a temperature of from 70 to 80 degrees during germination, which ordinarily takes ten days. When large enough to transplant prick into small pots and place them in a pan of water deep enough to cover the pots about one inch. In June move to tubs or pools of water outdoors.
dentata (night blooming).....	"		white	15	
graciles.....	"		"	15	
odorata alba (white Pond Lily).....	hP		"	10	
—rosea (Cape Cod Pink).....	"		pink	15	
O'Marana.....	hhP		red	15	
zanzibarensis aurea.....	"		blue	15	
—rosea.....	"		rose	15	



NAME.	Hard. and Dur.	H'gt Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.		
<b>Enothera</b> (Evening Primrose) <i>acaulis</i> .	hP	3/4	white	1.50 5	} Fine free flowering plants, suitable for backgrounds, shrubberies, etc.		
<i>biennis</i> .....	"	2	yel.	.75 5			
<i>rosea mexicana</i> .....	hhA	3/4	rose	.75 5			
annual varieties, mixed .....	"	var.	mix'd	.40 5			
perennial varieties, mixed .....	hP	"	"	5	} Showy plants, pea shaped flowers.		
<b>Orobus</b> , mixed .....	"	"	"	5			
<b>Onopordon</b> <i>acanthium</i> (Thistle) .....	hB	6	white	15	} Sow seed in pots, transplant without disturbing roots.		
<b>Oxalis</b> <i>alba</i> .....	thhP	1/2	white	5	} Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rockwork, hanging baskets, vases, etc.		
<i>rosea</i> .....	"	"	rose	5			
<i>tropæoloïdes</i> .....	"	"	yel.	10			
<i>valdiviana</i> .....	"	"	yel.	10			
mixed .....	"	"	mix'd	4.00 5			
<b>Pæony</b> , double, mixed .....	hP	2	mix'd	1.50 10			
single, mixed .....	"	"	"	.50 10			
<b>Pampas Grass</b> , see Ornamental Grasses.							
<b>Pansy</b> , see <i>Viola tricolor</i> .							
<b>Papaver</b> (Poppy)—							
<i>alpinum album</i> .....	1/4 oz.	2.00	thP	1	white	5	} These beautiful varieties of poppies are so well known that it is needless to say anything in their favor. Quite a number of the perennial varieties bloom the first year from seed if sown early. The alpinum sorts are of low growth and constant bloomers. Cardinal hybrids embrace several shades of rose, chamois, and brick red. Chinese have double feathery flowers. Danebrog, bright scarlet, with a white spot at the base of each petal. Lævigatum single, scarlet, black spots and white margin. Mephisto, scarlet and black spots. Mikado, feathery petals, white fringed with crimson. The nudicaule are all charming sorts that bloom very early. Oriental, one of the best, dark scarlet with a purple spot at the base of each petal. Pavonium, scarlet, with a black horseshoe-shaped blotch at the base of each petal. Shirley is fine for cutting, having long stems. The new strain we offer produces softer and more pleasing shades than we have offered hitherto. Yellow Rose, carnation-flowered
— <i>roseum</i> .....	"	2.50	"	"	rose	5	
—mixed .....	"	1.50	"	"	mix'd	5	
<i>bracteatum</i> .....			"	4	red	.60 5	
Cardinal, double .....	hA	1 1/2	"	1 1/2	scar.	2.00 5	
— <i>hybridum</i> , double .....	"	"	"	"	mix'd	1.00 10	
Chinese, mixed double .....	"	"	"	1	sc.&w.	.30 5	
Carnation, double .....	"	"	"	2	mix'd	.25 5	
Danebrog (Danish Flag) .....	"	"	"	"	sc.&w.	.25 5	
<i>glaucum</i> (Tulip Poppy) .....	"	"	"	1	scar.	1.00 5	
<i>lævigatum</i> .....	"	"	"	1 1/2	s.& bl.	1.00 5	
Mephisto .....	"	"	"	2	c.& bl.	.30 5	
Mikado, double .....	"	"	"	1	sc.&w.	.30 5	
<i>nudicaule</i> (Iceland Poppy) .....	thP	"	"	1 1/2	yel.	1.00 5	
— <i>fl. pl.</i> , double .....	"	"	"	"	"	10	
— <i>alba</i> .....	"	"	"	"	white	1.00 10	
— <i>aurantiacum</i> .....	"	"	"	"	or'ge	10	
— <i>coccineum</i> , double .....	"	"	"	"	scar.	10	
—mixed, single .....	"	"	"	"	mix'd	.75 10	
<i>orientale</i> (Oriental Poppy) .....	hP	2	"	2	s.&pu.	2.00 10	
<i>pavonium</i> (Peacock Poppy) .....	hA	1	"	1	sc.& b.	1.00 5	
Pæony-flowered, double .....	"	"	"	1 1/2	mix'd	.25 5	
Ranunculus-flowered .....	"	"	"	2	"	.25 5	
Shirley .....	"	"	"	1 1/2	"	.75 10	
<i>somniferum</i> (Opium Poppy) .....	"	"	"	3	white	.30 5	
<i>umbrosum</i> .....	"	"	"	1 1/2	crim.	.30 5	
Victoria Cross .....	"	"	"	"	cr.&w.	.30 5	
White Swan, double .....	"	"	"	2	white	.75 5	
Yellow Rose, double .....	"	"	"	1 1/2	yel.	.75 5	
collection, 12 annual varieties... .50							

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H'g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Papaver</b> collection, carnation-flowered, 12 colors..... .40					sort, with pale yellow and rose flowers.
—Paeony-flowered, 12 colors..... .40					
—6 perennial varieties ..... .25					
<b>Paris Daisy</b> , see <i>Chrysanthemum frutescens</i> .					
<b>Passiflora</b> , see Climbers.					
<b>Paspalum</b> , see Ornamental Grasses.					
<b>Pelargonium</b> , see Seeds for Greenhouse					
<b>Pennisetum</b> , see Ornamental Grasses.					
<b>Pentstemon hybridus atropurpureus</b> ..	†hP	2	r. & w.	10	Bell-shaped flowers borne on long spikes. Splendid bedding plant; blooms the first season from early sown seed.
—grandiflorus .....	“	“	mix'd	.50 10	
<b>Perilla Nankinensis</b> .....	hhA	1½		.25 5	Ornamental foliage plants for ribbons and beds.
—macrophylla compacta .....	“	1		.25 5	
<b>Periwinkle</b> , see Seeds for Greenhouse.					
<b>Petunia hybrida</b> , large flowered—					
—alba .....	hA	1½	white	15	Free flowering, sweet scented and easily cultivated, 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 collection offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.
—blotched and striped.....	“	“	stri.	20	
—intus aurea .....	“	“	yel.	15	
—kermesina .....	“	“	crim.	15	
—Purple King .....	“	“	pur.	15	
—superbissima .....	“	“	spot.	20	
—fimbriata, or fringed .....	“	“	mix'd	25	
—California Giant.....	“	“	“	20	
—double .....	“	“	“	50	
—Breck's Prize, double .....	“	“	“	50	
—Inimitable, double .....	“	“	“	50	
—nana compacta, brilliant rose.....	“	1	rose	25	
—striped and blotched, double.....	“	1½	mix'd	25	
—double, mixed .....	“	“	“	25	
nana compacta multiflora ¼ oz. 1.00	“	1	stri.	10	
nyctaginiflora .....	“	1½	white	.50 5	
striped and blotched.....	“	“	stri.	2.00 10	
choice mixed .....	“	“	mix'd	2.00 10	
mixed .....	“	“	“	1.00 5	
collection, 12 varieties, large-flowered					
“ 6 “ “ 1.00					
“ 12 “ double fringed .50					
“ 6 “ “ 1.50					
“ 12 “ double large .75					
“ 6 “ flowered.. 1.50					
“ 6 “ “ .75					
<b>Phacelia campanularia</b> .....	“	1	blue	5	Whitlavia-like flowers; showy.
<b>Phaseolus</b> (Flowering Bean), see Climbers.					
<b>Phlox Drummondii grandiflora alba</b> ..	“	“	white	1.00 5	These flowers are of extreme beauty and are greatly admired. Their long duration of bloom, combined with their unequalled richness of color, render them of invaluable service in the flower garden. By making a second sowing they may be had in bloom until frost. They prefer a rich soil and plenty of water.
—atropurpurea .....	“	“	pur.	1.00 5	
—striata .....	“	“	stri.	1.00 5	
—coccinea .....	“	“	scar.	1.00 5	
—Isabellina .....	“	“	yel.	1.00 5	
—oculata alba .....	“	“	w & pu	1.00 5	
—rosea .....	“	“	rose	4.00 5	
—stellata splendens.....	“	“	cr.&w.	6.00 5	
—mixed .....	“	“	mix'd	.75 5	
cuspidata .....	“	“	“	1.00 5	
fimbriata .....	“	“	“	1.00 5	
nana compacta, Snowball.....	“	½	white	4.00 10	
—Fireball.....	“	“	scar.	4.00 10	
double red.....	“	1	red	1.00 10	
—white.....	“	“	white	1.50 10	
—yellow.....	“	“	yel.	10	
—mixed .....	“	“	mix'd	1.50 10	
collection, 12 colors..... .70					
decussata (Perennial Phlox) .....	hP	2	“	1.50 10	
—nana .....	“	1	“	1.50 10	
<b>Physalis Francheti</b> (Chinese Lantern).	“	2	“	5	Fine foliage which is in grand contrast to the balloon-like seed pods of bright orange red color. The fruit makes excellent preserves.



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Pink</b> , see Dianthus.					
<b>Poa</b> , see Ornamental Grasses.					
<b>Polemonium</b> (Jacob's Ladder) <i>cæruleum</i> .....	hP	1½	blue	5	} (Greek Valerian). Showy, old favorites.
<i>flavum</i> .....	"	"	yel.	5	
<b>Poppy</b> , see Papaver					
<b>Portulaca grandiflora</b> , single scarlet...	hA	½	scar.	.50 5	} These beautiful little favorites grow best in a light, dry soil. The seed should not be sown until the weather is warm. They are very suitable for edgings, rockwork beds, etc. A percentage of the seed sold as double, produce single flowers; as these bloom earlier they may be recognized and pulled out.
—white.....	"	"	white	.50 5	
—yellow.....	"	"	yel.	.50 5	
—mixed.....	"	"	mix'd	.50 5	
—collection, 6 colors.....	25	"	"	4.00 10	
—double mixed.....	40	"	"	"	
<b>Potentilla</b> , Double.....	hP	1	mix'd	1.25 10	} Very useful for mixed borders. They last a long time in bloom.
Single.....	"	1½	"	1.00 5	
<b>Primula</b> (Primrose).					
<i>Auricula alpina</i> ..... ¼ oz., 1.00	hhP	½	mix'd	10	} These so-called hardy sorts require a cold frame or other protection during winter. They do best in a northern aspect. They are all very beautiful and useful both for garden and pot culture.
<i>Japonica</i> .....	thhP	2	"	.50 10	
<i>vulgaris</i> (English Primrose).....	"	1	yel.	10	
mixed hardy sorts..... ¼ oz., 3.00	"	var.	mix'd	10	
<i>veris</i> (Polyanthus) Giant Fancy, ¼ oz., 1.00	"	1	"	10	
—Duplex (Hose in Hose)..... ¼ oz., 2.00	"	"	"	10	
—Gold Laced.....	"	"	yel.	10	
—elator (Cowslip).....	"	"	mix'd	1.00 10	
See also Seeds for Greenhouse.					
<b>Prince's Feather</b> , see <i>Amaranthus cruentus</i> .					
<b>Prickly Poppy</b> , see <i>Argemone</i>					
<b>Pyrethrum</b> (Feverfew).....					
<i>aurem</i> (Golden Feather).....	hhP	1	yel.	1.00 5	} Golden foliage sorts, used for edging, ribbons, etc.
—Golden Gem.....	"	½	white	1.00 5	
— <i>selaginoides</i> .....	"	"	yel.	1.00 10	
— <i>discoideum</i> .....	"	1	"	1.00 5	
<i>atrosanguineum</i> .....	hP	2	red	1.50 10	} Showy, aster-like flowers. of long duration; fine for bouquets.
hybrids, single.....	"	"	mix'd	1.50 10	
—double..... ¼ oz., 2.00	"	"	"	10	
<b>Quaking Grass</b> , see Ornamental Grasses					
<b>Ragged Robin</b> , see <i>Lychnis</i>					
<b>Ranunculus</b> , asiaticus <i>superbissimus</i> ..	thhP	1	mix'd	.75 10	Very showy, double flowers.
<b>Rhodanthe</b> , see Everlastings					
<b>Ricinus</b> , (Castor Oil Plant).					
<i>Borboniensis</i> .....	hhA	15		.20 5	} Stately, ornamental foliage plants; start seeds indoors. Large, dark green foliage. Foliage nearly black.
<i>Cambogensis</i> .....	"	6		.40 5	

See Special Offers on third page of cover.



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.	
<b>Ricinus.—Continued.</b>						
cœrulescens.....	hhA	10		.20 5	Bluish-green foliage.	
Gibsoni (Duchess of Edinboro).....	"	"		.20 5	Dark stems and foliage.	
Philippinensis.....	"	"		.20 5	Purple foliage.	
sanguineus (Obermanii).....	"	7		.20 5	Red foliage.	
Zanzibariensis maculatus.....	"	10		.30 10	Bronze, changing to dark green; red ribs.	
—mixed.....	"	var.		.30 10		
mixed sorts.....	"	"		.20 5	Foliage light green to purple.	
<b>Rose of Heaven</b> , see <i>Agrostemma, cœli rosea</i>						
<b>Rose Champion</b> , see <i>Agrostemma, coronaria</i>						
<b>Rudbeckia</b> (Cone Flower) <i>bicolor superba</i> .....						
amplexicaulis.....	hA	2	y. & p.	5	Easily grown, showy, free flowering; grand for borders, and unsurpassed for cutting.	
Golden Glow.....	hP	3	yel.	5		
Newmanni.....	"	"	y. & p.	5		
<b>Saintpaulia ionantha</b> , see Seeds for Greenhouse						
<b>Salpiglossis grandiflora</b> , tall mixed....						
—dwarf mixed.....	hhA	2	mix'd	.75 5	These beautiful annuals have curiously penciled and marbled, funnel-shaped flowers. Emperor is a new type, producing a great number of very large flowers veined with gold, on a single stem.	
—Emperor.....	"	1	"	.75 5		
collection 6 varieties, tall.....	"	2	var.	10		
collection 6 varieties, dwarf.....				.30		
<b>Salvia</b> (Flowering Sage) <i>argentea</i> .....						
farinaca.....	thP	3	white	5	Well-known, late summer, brilliant flower favorites. There is nothing showier than a bed of splendens. The golden foliage variety contrasts splendidly with the scarlet flowers. The deep blue color of patens is also desirable, and this variety should be grown more largely.	
patens.....	hA	"	blue	1.00 5		
prunelloides purpurea.....	thhA	2	"	15		
splendens.....	hA	"	pur.	1.00 10		
—compacta erecta.....	thhP	"	scar.	2.00 10		
—Golden Foliage.....	"	1½	d.scar.	10		
<b>Sanvitalia procumbens fl. pl.</b> .....						
	hA	½	yel.	.50 5	Suitable for beds or rockwork, bloom all summer.	
<b>Saponaria calabrica</b> .....						
—alba.....	"	1	pink	.50 5	Charming little plants flowering all the season, splendid for beds or ribbon borders.	
—mixed.....	"	"	white	.50 5		
	"	"	mix'd	.50 5		
<b>Scabiosa</b> (Mourning Bride) <i>atropurpurea</i> .....						
candidissima fl. pl.....	"	2	pur.	.50 5	Handsome plants for mixed borders, flowers beautifully variegated, useful for bouquets. They should be more generally grown.	
Cherry Red.....	"	1	white	.50 5		
King of Blacks.....	"	2	red	.50 5		
Pompadour.....	"	"	black	.50 5		
Tall Mixed.....	"	3	pu&w	2.00 10		
Dwarf Yellow.....	"	varied	mix'd	.30 5		
Drawf Victoria.....	"	1	yel.	.30 5		
Dwarf mixed.....	"	"	white	.30 5		
collection 6 colors.....	"	"	mix'd	.30 5		
<b>Schizanthus mixed</b> .....						
	"	1½	mix'd	.30 5	Large flowers, blotched purple and spotted with orange; fine for bedding.	
<b>Schizopetalon Walkeri</b> .....						
	"	¾	white	.50 5	Beautiful fringed flowers with a delicious almond perfume. Showy little plants for carpet beds or rockwork, they flower profusely. Plant in sandy soil.	
<b>Sedum</b> (Stonecrop) <i>cœruleum</i> ¼ oz. .75						
sempervirum.....	hP	¼	blue	10		
mixed.....	"	½	d.red	10		
	"	varied	mix'd	5		
<b>Senecio</b> ( <i>Jacobea</i> ) <i>elegans fl. pl.</i> .....						
—nana fl. pl.....	hA	1	mix'd	.75 5	A useful and showy class of gay colored, profuse blooming plants, splendid for beds or pot culture.	
—pomponicus purpurea.....	"	½	"	1.00 5		
—ruber.....	"	1	pur.	1.50 5		
—tall mixed.....	"	"	red	1.50 5		
	"	"	mix'd	1.25 5		
<b>Sensitive Plant</b> , see <i>Mimosa</i> .						
<b>Shell Flower</b> , see <i>Molucella</i> .						
<b>Silene</b> (Catchfly) <i>Armeria</i> .....						
pendula rose.....	"	"	mix'd	.25 5	Ornamental free flowering plants with bright colored flowers, suitable for beds, borders, or ribbon gardening.	
—double rose.....	"	"	rose	.25 5		
—white.....	"	½	"	.30 5		
—mixed.....	"	½	white	.30 5		
virginica.....	hP	1½	mix'd	.25 5		
			pur.	10		
<b>Smilax</b> ( <i>Myrsiphyllum</i> ) see Seeds for Greenhouse.						
<b>Snapdragon</b> , see <i>Antirrhinum</i> .						

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**NASTURTIUM.**

NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<i>Solanum capsicastrum</i> .....	tP	2	or'ge	.50 10	} Ornamental fruit bearing plants for the greenhouse and summer garden, suitable for ribbon borders or rockwork.
Wetherel's hybrids.....	"	"	"	.50 10	
<i>Sphenogyne speciosa</i> .....	hA	1	yel.	.30 5	
<i>Spraguea umbellata</i> .....	hhA	½	rose	10	} <i>Amaranthus</i> like flowers for edging or rockwork.
<b>Squirrel Tail Grass</b> , see Ornamental Grasses.					
<i>Stachys lanata</i> .....	hP	2	stri.	.50 5	} Silver leaved, fine for borders. Pretty little flowers, fine for winter bouquets.
<b>Statice</b> (Sea Lavender) annual varieties	hA	varied	mix'd	.50 5	
Perennial varieties.....	hP	"	"	.50 5	
<b>Stevia</b> , see Seeds for Greenhouse.					
<b>Stipa</b> , see Ornamental Grasses.					
<b>Stocks</b> (Gilliflower).					
large flowering ten week bright crimson.....	hhA	1¼	crim.	3.50 10	} The seed we offer is all pot grown especially for us in Germany, by the foremost cultivator of this fragrant favorite. It will produce a very large percentage of flowers that are unsurpassed for double-ness, form, size and color. Our Boston Florists' strain is also now raised in Germany. It produces a fine long spike, very double globular flower of the purest white. For a succession of flowers seed should be sown in March or April, in heat, and outdoors in May and June. A light soil and high cultivation is desirable.
—brilliant rose.....	"	"	rose	3.75 10	
—canary yellow.....	"	"	yel.	3.50 10	
—deep red.....	"	"	d.red	3.50 10	
—dark blue.....	"	"	d.blue	3.50 10	
—dark purp'e.....	"	"	d.pur.	3.50 10	
—light blue.....	"	"	l.blue	3.50 10	
—light rose.....	"	"	l.rose	3.50 10	
—scarlet.....	"	"	scar.	3.50 10	
—snow white.....	"	"	white	3.50 10	
—mixed.....	"	"	mix'd	3.00 10	
—collection 12 distinct colors..... .65					
“ 6 “ “ “ “ “ .35					
Breck's Boston Florist White.....	"	"	white	5.00 10	
Cut-and-Come-Again.....	"	"	"	4.00 10	
Dresden perpetual.....	"	1	"	4.00 10	
—mixed.....	"	"	mix'd	4.00 10	
pyramidal large flowering.....	"	1½	"	4.00 10	
Victoria.....	"	1	white	4.00 10	
—mixed.....	"	"	mix'd	3.50 10	
Early Autumnal.....	hhB	1½	"	5.00 10	
Brompton or Winter.....	"	"	"	5.00 10	
East Lothian.....	"	"	mix'd	6.00 10	
<b>Stonecrop</b> , see sedum.					
<b>Streptocarpus</b> , see Seeds for Greenhouse.					
<b>Sunflower</b> , see <i>Helianthus</i> .					
<b>Sweet Alyssum</b> , see <i>Alyssum Maritimum</i> .					
<b>Sweet Pea</b> ( <i>Lathyrus</i> ) see Climbers.					
<b>Sweet William</b> , see <i>Dianthus Barbatus</i> .					
<b>Sweet Rocket</b> , see <i>Hesperis</i> .					
<i>Swainsonia alba grandiflora</i> .....	hhP	1½	white	.15	} Sweet Pea like flowers suitable for pot culture or bedding.
<b>Sweet Clover</b> ( <i>Melilotus</i> ) <i>alba</i> .....	hP	2½	white	5	} Sweetly fragrant plants, fine for borders.
— <i>cerulea</i> .....	"	1½	blue	5	
<i>trifolium suaveolens</i> .....	hA	"	crim.	.40 5	
<b>Tagetes</b> (Marigold) African lemon.....	"	2	l.yel.	.40 5	
—quilled.....	"	"	"	.40 5	
—orange.....	"	"	or'ge	.40 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz.	Pkt.	DESCRIPTION.
<b>Tagetes.</b> —Continued.						
—quilled.....	hA	2	or'ge	.40	5	} Very ornamental plants coming into bloom in late summer. The African sorts are old favorites. The French varieties are of dwarf habit, flowers beautiful contrasting colors, excellent for beds.
—El Dorado.....	"	"	yel.	.40	5	
—Pride of Garden.....	"	1½	"	.40	10	
—mixed.....	"	2	mix'd	.40	5	
—collection of 6 distinct varieties.....	25					
French tall double.....	"	2	mix'd	.40	5	
—dwarf double.....	"	1	"	.40	5	
—striped.....	"	"	stri.	.40	5	
—purple and gold.....	"	"	præyl.	.50	5	
—gold edged.....	"	"	br&yel.	.50	5	
—mixed.....	"	1	mix'd	.40	5	
—collection 6 distinct varieties.....	25					
—12 " " ".....	40					
signata pumila.....	"	"	stri.	.50	5	
—golden ring.....	"	"	or'ge	.50	5	
—Cloth of Gold.....	"	"	yel.	.50	5	
<b>Tassel Flower</b> , see <i>Cacalia</i> .						
<b>Thunbergia</b> , see Climbers.						
<b>Thistle</b> , see <i>Onopordon</i> .						
<b>Thrift</b> , see <i>Armeria</i> .						
<b>Torenia Fournieri</b> ..... tA 1 mix'd 10						
<b>Tricholœna</b> , see Ornamental Grasses.						
<b>Tritoma (Red Hot Poker Plant)</b> —						
uvaria grandiflora.....	hhP	3	scar.	1.00	10	} Valuable for vases, hanging baskets or pot culture.
<b>Tritonia aurea</b> .....	"	½	or'ge	1.50	10	
<b>Trollius</b> , mixed..... hP 1 mix'd 2.00 15						
<b>Tropœolum nanum (Narturtium Dwarf)</b> —						
—Aurora.....	hA	¾	varied	.20	5	} Beautiful bedding plants, unequalled for brightness and variety of coloring. The foliage is generally of a very dark green shade. They are very valuable for bedding and are not surpassed for producing an abundance of flowers for cutting. The Liliput is an entirely new class of charming little Nasturtiums and will become a general favorite. A light soil is most suitable for Nasturtium.
—Beauty.....	"	"	y.&sc.	.20	5	
—black (King Theodore).....	"	"	blk.	.15	5	
—bronze.....	"	"	bro'ze	.15	5	
—cœrulea rosea.....	"	"	peach	.20	5	
—crimson.....	"	"	crim.	.15	5	
—Crystal Palace Gem.....	"	"	spot.	.15	5	
—Cloth of Gold.....	"	"	yel.	.20	5	
—Empress of India, dark leaved.....	"	"	crim.	.20	5	
—Golden King.....	"	"	yel.	.25	5	
—King of Tom Thumbs.....	"	"	scar.	.20	5	
—Lady Bird (Bird Flower).....	"	"	o.&r.	.20	5	
—Pearl.....	"	"	white	.20	5	
—Ruby King.....	"	"	carm.	.20	5	
—rose.....	"	"	rose	.20	5	
—scarlet.....	"	"	scar.	.20	5	
—spotted.....	"	"	spot.	.20	5	
—yellow.....	"	"	yel.	.20	5	
—Breck's Rainbow Mixture.....	"	"	mix'd	.20	5	
—collection 12 distinct varieties.....	50					
Liliput.....	"	½	"	1.00	15	
<b>Tropœolum Majus</b> , see Climbers.						
<b>Trumpet Vine</b> , see Climbers.						
<b>Valeriana</b> ..... hP 2 mix'd .50 5						
<b>Venidium calendulaceum</b> ..... hhA 1 yel. .50 5						
<b>Venus=Looking-Glass</b> , see <i>campanula speculum</i> .						
<b>Verbena hybrida, Auricula-flowered</b> ... †hhP " mix'd 2.00 10						
—candidissima compacta.....	"	¾	white	10		} One of the best bedding plants in cultivation. Unrivalled as a constant bloomer, brilliancy of flower and sweet fragrance. Montana is a perfect gem. The plant literally covers itself during the summer with bright rose colored flowers.
—coccinea compacta.....	"	"	scar.	2.50	10	
—cœrulea.....	"	1	blue	2.00	10	
—Defiance.....	"	"	scar.	2.00	10	
—Golden Leaved.....	"	"	mix'd	2.50	10	
—Italica striata.....	"	"	stri.	2.00	10	
—Mammoth.....	"	1½	mix'd	2.00	10	
—mixed, choice.....	"	1	"	1.50	10	
—good.....	"	"	"	1.00	5	
Montana.....	hP	"	rose	.50	5	
lemon scented ( <i>Aloysia</i> ) see Seeds for Greenhouse.						



NAME.	Hard. and Dur.	H'gt Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Veronica</b> .....	hP	2	mix'd	10	Well-known favorites that are much in demand on account of their fragrance and profusion of bloom. They are very easily grown from seed, although they frequently take a long time to germinate.
<b>Vinca</b> , see Seeds for Greenhouse.					
<b>Viola (Violet) cornuta, admiration</b> .....	hhP	1/2	d. blue	10	
—Mauve Queen .....	"	"	pur.	10	
—Magnificent .....	"	"	l. blue	10	
—White Perfection .....	"	"	white	10	
odorata semperflorens .....	"	"	blue	10	
—alba .....	"	"	white	10	
—The Czar .....	"	"	violet	10	
—The White Czar .....	"	"	white	10	
mixed .....	"	"	mix'd	10	
<b>Viola Tricolor (Pansy)—</b>					Pansy is one of our specialties. Nearly all the seed we offer is grown for us under contract, by persons who give special attention to their particular pet strain. For size and form of flowers, variety and brilliancy of colors and markings, there is nothing approaches those we offer. <i>Breck's Boston Prize</i> is an American strain and is superior to any European mixture. Mr. Bugnot annually grows for us the seed we offer under his name. The flowers are immensely large and wonderful in their coloring. The <i>English and Scotch Prize Pansies</i> are remarkably fine; they are from the finest collections in these countries. Our <i>Trimardeau Pansies</i> embrace the cream of that type, and will give perfect satisfaction in every particular. Pansies repay good treatment in profusion and size and brightness of flower, as well as in large, handsome foliage. They 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
Breck's Boston Prize .....	†hP	1	"	\$12 25	
Breck's International Prize .....	"	"	"	6.00 15	
Bugnot's Private Strain .....	"	"	"	50	
Bugnot's Blotched .....	"	"	"	25	
Belgian Blotched .....	"	3/4	"	2.50 10	
Cassier's Giant Odier .....	"	"	"	4.00 20	
English Fancy .....	"	"	"	4.00 25	
—Show .....	"	"	"	4.00 25	
Lyon Perfection .....	"	"	"	7.00 15	
Scotch Prize .....	"	"	"	5.00 25	
Trimardeau or Giant Mixed .....	"	"	"	4.00 10	
—atropurpurea .....	"	"	pur.	4.00 15	
—Emperor William .....	"	"	blue	4.00 15	
—golden yellow .....	"	"	yel.	5.00 15	
—Golden fire spotted .....	"	"	var.	7.00 15	
—King of the Blacks .....	"	"	d. pur.	5.00 15	
—Lord Beaconsfield .....	"	"	y. & w.	5.00 15	
—striped .....	"	3/4	stri.	4.00 15	
—yellow marbled .....	"	"	var.	4.00 15	
—white, dark eye .....	"	"	w. & p.	4.00 15	
Large-flowered, azure-blue .....	"	1/2	blue	2.00 10	
—black, yellow eye .....	"	"	b. & y.	2.00 10	
—bronze .....	"	"	br'nze	2.00 10	
—brown .....	"	"	red	2.00 10	
—candidissima .....	"	"	white	2.00 10	
—Cardinal .....	"	"	red	3.00 10	
—dark blue .....	"	"	d. blue	2.00 10	
—Emperor William .....	"	"	blue	2.00 10	
—fawn .....	"	"	fawn	2.00 10	
—Faust, or King of Blacks .....	"	"	black	2.00 10	
—gold margined .....	"	"	var.	2.00 10	
—Havana brown .....	"	"	br.	2.00 10	
—Lord Beaconsfield .....	"	"	b. & w.	2.00 10	
—Mahogany color .....	"	"	var.	2.00 10	
—dark, white edge .....	"	"	"	2.00 10	
—striped .....	"	"	"	2.00 10	
—Victoria .....	"	"	red	2.00 10	
—violet .....	"	"	var.	2.00 10	

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price Per Oz. Pkt.	DESCRIPTION.
<b>Viola Tricolor.</b> — <i>Continued.</i>					
—choice mixed.....	thP	1/2	mix'd	2.00 10	} the flowers produced are not so large.
—fine mixed.....	"	"	"	1.00 5	
—collection, 18 colors.....	80				
—collection, 12 colors.....	60				
—collection, 6 colors.....	30				
<b>Virginian Creeper</b> , see Climbers					
<b>Virgin's Bower</b> , see Climbers					
<b>Viscaria</b> cardinalis.....	hA	1	scar.	1.00 5	} Showy flowers produced throughout the season; fine for beds.
oculata cœrula.....	"	"	blue	5	
<b>Wahlenbergia</b> (Bell Flower) grandiflora.....	hP	2	"	1.00 5	} Large and showy border plants with bell-shaped flowers. Allied to the Campanula.
—alba.....	"	"	white	.75 5	
<b>Waitzia</b> , see Everlastings					
<b>Wallflower</b> (Cherasthus)					
double German.....	hhP	1	mix'd	4.00 10	} Beautiful border plants with fragrant flowers ranging in velvety shades of brown and yellow. The annual sort is a decided acquisition.
single German.....	"	"	"	.50 5	
single annual.....	hA	"	"	10	
<b>Whitlavia</b> grandiflora.....	"	"	blue	5	} Flowers are bell shaped and produced throughout the entire season.
—alba.....	"	"	white	5	
<b>Wigandia</b> caracassana.....	hhP	6	lilac	5	} Beautiful decorative plants, richly veined foliage and bright colored stalks.
imperialis.....	"	"	"	5	
<b>Xeranthemum</b> , see Everlastings					
<b>Yarrow</b> , see Achillea					
<b>Zea</b> , see Ornamental Grasses					
<b>Zinnia</b> , tall double					
—Breck's Defiance.....	hA	2	mix'd	1.00 5	} Breck's Defiance is without exception the finest strain of large double zinnias offered. The plants are of vigorous branching habit and produce freely immense double flowers in an endless variety of splendid colors; not the old hard red but innumerable delicate and velvety shades. The separate colors are saved from the same collection which is admitted to be the finest in Europe. Seed sown early in heat will begin to bloom in June and continue until frost.
—carmine.....	"	"	car.	1.00 5	
—crimson.....	"	"	crim.	1.00 5	
—flesh pink.....	"	"	flesh	1.00 5	
—golden yellow.....	"	"	yel.	1.00 5	
—light yellow.....	"	"	"	1.00 5	
—lilac.....	"	"	lilac	1.00 5	
—purple.....	"	"	pur.	1.00 5	
—rose.....	"	"	rose	1.00 5	
—scarlet, light.....	"	"	scar.	1.00 5	
—scarlet, dark.....	"	"	"	1.00 5	
—striped.....	"	"	strip.	1.00 5	
—white.....	"	"	white	1.00 5	
dwarf, mixed.....	"	"	mix'd	1.50 5	
dwarf, also in above colors separate..	"	"	"	1.50 5	
collection 6 colors.....	30				
large robust.....	"	"	mix'd	1.50 5	
Lilliput.....	"	3/4	"	1.00 10	
Tom Thumb.....	"	1/2	"	1.00 10	
Curled and Crested.....	"	1	"	1.00 10	
Haageana, double.....	"	"	yel.	1.25 10	
<b>CLIMBERS.</b>					
<b>Abobra</b> viridiflora.....	hhP	10	scar.	1.00 5	} Dark green foliage, scarlet fruit.
<b>Adlumia</b> (Mountain Fringe or Allegheny Vine) cirrhosa.....	hB	15	flesh	1.00 5	
—purpurea.....	"	"	pur.	1.00 5	} Foliage resembles Maiden Hair Fern. Sow in a shady place in spring and transplant carefully in September.
<b>Ampelopsis</b> quinquefolia (Virginia Creeper).....	hP	30		.25 5	
Veitchii (Boston or Japanese Ivy)....	"	50		.25 10	} Nothing better for veranda, foliage beautiful in autumn.
<b>Aristolochia</b> (Dutchman's Pipe) elegans.....	hhP	25	br.&yl	1.00 10	} Very large, showy foliage.
sipho.....	hP	"	"	10	
<b>Balloon Vine</b> , see cardiospermum.					
<b>Beans</b> , running, see Phaseolus.					
<b>Bignonia</b> radicans (Trumpet Vine)....	"	"	scar.	1.00 10	} Fine foliage and brilliant flowers.
<b>Byronopsis</b> erythrocarpa.....	hhA	10		.40 5	
					} The green fruit changes to scarlet and white.
<b>Cardiospermum</b> (Balloon Vine) halicacabum.....	"	8	white	5	} Pea-shaped flower of many pleasing colors.
<b>Centrosema</b> grandiflora (Butterfly Pea) Virginia.....	hP	6	varied	10	
	"	"	"	10	

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Clematis</b> (Virgin's Bower) <i>flamula</i> ..	hP	15	white	5	These are general favorites. The large flowered Hybrids and <i>Paniculata</i> will please and surprise all.
Large Flowering Hybrids.....	"	var.	mix'd	10	
<i>paniculata</i> .....	"	15	white	5	
<b>Cobæa</b> <i>macrostemma</i> .....	hhP	20	gr&yl	10	Start the seeds in heat, setting them on edge, and cover half an inch. They flower most profusely when planted in sandy or light soil.
<i>scandens</i> .....	"	"	pur.	.75 5	
<i>—alba</i> .....	"	"	white	1.00 5	
<b>Coccinea</b> <i>indica</i> .....	hhA	10	"	5	White flowers, scarlet fruit.
<b>Convolvulus</b> major (Morning Glory)...	hA	"	mix'd	.10 5	Convolvulus Major is the old favorite. The other two sorts are new and fine, especially the Japanese Morning Glory. They bear large and wonderfully colored flowers.
—Imperial Japanese.....	"	20	"	.50 10	
— <i>purpurea</i> fl. pl. (Double Morning Glory).....	"	15	w.&r.	10	
<b>Cucumis</b> <i>erinaceus</i> (Hedge Hog Gourd)	hhA	8	yel.	5	These are all of rapid growth, ornamental foliage, and produce very curious fruit.
<i>acatangulus</i> (Rag or Dish Cloth G'rd)	"	"	"	5	
<i>flexuosus</i> (Snake Cucumber).....	"	10	"	5	
<i>perennis</i> .....	tP	15	"	5	
<b>Cucurbita</b> , see Gourds.					The inside of the Dish Cloth Gourd is useful for bathing, etc.
<b>Cyclanthera</b> <i>pedata</i> .....	hhA	10		5	Beautiful oval-shaped fruit.
<b>Cyress Vine</b> , see <i>Ipomœa</i> <i>quamoclit</i> .					
<b>Dolichos</b> <i>lablab</i> (Hyacinth Bean).....	hA	"	pur.	.20 5	Beautiful, sweet-scented flowers, followed by ornamental pods.
— <i>alba</i> .....	"	"	white	.20 5	
—mixed.....	"	"	mix'd	.15 5	
<b>Dutchman's Pipe</b> , see <i>Aristolochia</i> .					
<b>Echinocystis</b> <i>lobata</i> (Wild Cucumber).	hhA	12	green	5	Soak the seed 8 hours, plant eye down.
<b>Gourds</b> <i>angora</i> .....	"	"	"	5	White spotted fruit.
Apple-shaped.....	"	10	"	5	Small striped fruit.
Bottle-shaped.....	"	"	"	5	Ornamental and curious.
Dipper-shaped.....	"	15	"	5	Useful.
Egg-shaped.....	"	10	"	5	White Nest Egg. Useful.
Gooseberry-shaped.....	"	6	"	5	Small and very odd.
Hercules' Club.....	"	15	"	5	Very long.
Lemon-shaped.....	"	6	"	5	Very beautiful.
Orange-shaped.....	"	"	"	5	" "
Pear-shaped.....	"	10	"	5	" "
Sugar-Trough.....	"	15	"	5	Used as water holders.
Mixed.....	"	var.	"	.25 5	All ornamental.
Collection, 12 varieties.....		50			
<b>Humulus</b> (Hop) <i>Japonica</i> .....	hA	12		.50 5	Quick growers, form a fine screen. The H. J. Variegated bears beautiful green and white leaves.
—Variegated.....	"	15		.50 10	
<i>lupulus</i> (Common Hop).....	hhP	20		5	
<b>Ipomœa</b> <i>bona nox</i> (Evening Glory) .....	hhA	15	white	.25 5	Fine, fast growing, free blooming plants of the <i>Morning Glory</i> family. The varied and many hues of its many species and varieties are exceedingly beautiful. They are all useful for covering trellis work, verandas, etc.
<i>coccinea</i> (Star <i>Ipomœa</i> ) .....	hA	10	scar.	.20 5	
Heavenly Blue.....	hhA	"	blue	1.00 5	
<i>hederacea</i> <i>superba</i> (Ivy-leaved).....	"	"	"	.50 5	
<i>Leari</i> .....	tP	15	"	10	
<i>limbata</i> <i>elegantissima</i> .....	hhA	10	b&w	.30 5	
<i>Mexicana</i> <i>grandiflora</i> <i>alba</i> .....	"	15	white	.75 10	
<i>noctiflora</i> (Moon Flower).....	"	"	"	10	
<i>setosa</i> (Brazilian Morning Glory).....	hhP	10	red	5	
<i>quamoclit</i> (Cyress Vine).....	hhA	"	scar.	.30 5	
—white.....	"	"	white	.30 5	
—mixed.....	"	"	mix'd	.25 5	
<b>Lathyrus</b> (Sweet Pea), see next page.					
<b>Lophospermum</b> <i>scandens</i> .....	tP	"	pur.	5	Large trumpet flowers.
<b>Maurandya</b> <i>Barclayana</i> .....	ttP	"	"	10	A graceful climber with flowers somewhat resembling <i>Digitalis</i> .
<i>Emeryana</i> <i>rosea</i> .....	"	"	rose	10	
mixed.....	"	"	mix'd	10	
<b>Mina</b> <i>lobata</i> .....	tA	15	w.&r.	10	Curious flowers.
<b>Momordica</b> <i>balsaminia</i> (Balsam Apple).....	"	10		5	Golden yellow fruit, warted, when ripe opens disclosing its brilliant colored interior.
— <i>charantia</i> (Balsam Pear).....	"	"		5	
<b>Nasturtium</b> , see <i>Tropæolum</i>					
<b>Passiflora</b> (Passion Flower), <i>cærulea</i> ..	tP	30	blue	10	Interesting and beautiful. The seed should be started in heat.
<i>coccinea</i> .....	"	20	scar.	10	
<i>incarnata</i> .....	"	"	rose	10	
<b>Phaseolus</b> <i>Multiflorus</i> (Climbing Bean)					
Scarlet Runner.....	hhA	10	scar.	5	Well known and useful, ornamental climbers.
White Runner.....	"	"	white	5	
<b>Thunbergia</b> <i>alata</i> .....	"	5	o. & b.	5	Rapid growing, slender climber; extremely pretty flowers, freely produced.
— <i>alba</i> .....	"	"	white	5	
mixed.....	"	"	mix'd	.75 5	



**SWEET PEA.**

Our Sweet Peas are AMERICAN GROWN. The list, though not so large as some, embraces everything distinct and worth growing. Our arrangement of varieties enables intending planters to make a selection with the least possible trouble.

We were the first seedsmen in America to popularize these gems of

beauty and fragrance, and we still maintain our position with the largest stock of the best strains of the kinds that give satisfaction to planters. Seed should be sown as early as possible, in drills six inches deep. At the time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep, rich soil and a sunny situation is best.

NAME.	Per Oz.
<b>Lathyrus (Sweet Peas).</b>	
<i>For this year's novelties, see colored pages.</i>	
Breck's Boston Mixture. (This embraces 60 of the best varieties and is the finest mixture ever offered)	lb., .75 .10
Choice mixture, contains many delicate shades	lb., .60 .10
Eckford's Mixture, very fine.	lb., .60 .10
collection, 60 named sorts	2.00
collection. 25 " "	1.00

NAME.	Per Oz.	Per Pkt.	NAME.	Per Oz.	Per Pkt.
Blanche Burpee	.10	5	Coquette, primrose, tinted with apricot.	.10	5
Emily Henderson	.10	5	Venus, salmon-buff	.10	5
Fisher's Snowflake	.10	5	<b>STANDARD AND WINGS OF SLIGHTLY DIFFERENT TINTS.</b>		
Mrs. Sankey	.10	5	Lady Beaconsfield, pink and primrose	.10	5
Golden Glean	.10	5	Triumph, orange-pink, wings white, slightly flushed.	.10	5
Mrs. Eckford	.10	5	Emily Lynch, creamy rose, primrose tinted wings.	.10	5
Prima Donna	.10	5	<b>FLAKED AND CLOUDED.</b>		
Lovely	.10	5	Royal Rose, pink and blush white.	.10	5
Katherine Tracy	.10	5	Apple Blossom, pink and blush	.10	5
Lady Penzance	.10	5	<b>RICH METALLIC.</b>		
Ovid	.10	5	Countess of Powis.		
Her Majesty	.10	5	Meteor, orange-salmon, veined with pink and purple.	.10	5
Brilliant	.10	5	Rising Sun, orange-rose, shaded pink	.10	5
Firefly	.10	5	Etna, crimson, marbled edges.	.10	5
Harvard	.10	5	<b>SUFFUSED AND NARROWLY EDGED WITH LAVENDER.</b>		
Salopian	.10	5	Lottie Eckford, rose-white, blue edge	.10	5
Mars	.10	5	Maid of Honor, pale blue and white, shaded.	.10	5
Prince Edward of York	.10	5	Golden Gate, edged with lavender.	.10	5
Princess Victoria	.10	5	<b>SUFFUSED AND NARROWLY EDGED WITH ROSE.</b>		
Captain of the Blues, bluish.	.10	5	Countess of Aberdeen, white edged with rose.	.10	5
Lady Nina Balfour	.25	10			
Celestial	.10	5			
New Countess	.10	5			
Princess May	.10	5			
Emily Eckford	.10	5			
Captivation	.10	5			
Duke of Clarence	.10	5			
Shahzada	.10	5			
Stanley	.10	5			
<b>BLENDINGS.</b>					
Crown Jewel, delicate creamy white, veined with violet.	.10	5			

See Special Offers on third page of cover.

NAME.	Hard and Dur.	H, g't Feet	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Lathyrus (Sweet Peas).—Continued.</b>					
<b>PENCILLED EFFECT.</b>					
Capt. Clark, tricolor.....				.10 5	
Columbia, tricolor.....				.10 5	
<b>CONTRASTING, STANDARD AND WINGS IN DIFFERENT TINTS.</b>					
Little Dorrit, carmine, tinted pink, white wings.....				.10 5	
Blushing Bride, rose and white.....					
Earliest of All, similar to Extra Early Blanche Ferry but ten days earlier				.40 10	
Extra Early Blanche Ferry, pink and white.....				.10 5	
Duke of York, rose, primrose wings.				.10 5	
<b>VARIEGATED.</b>					
Aurora, orange salmon flakes on white ground.....				.10 5	
Mrs. Joseph Chamberlain, white flaked with rose.....				.10 5	
Mikado, orange cerise, striped white				.10 5	
Ramona creamy white, splashed with pink.....				.10 5	
Striped celestial, white, mauve striped.....				.10 5	
Gray Friar, watered purple on white				.10 5	
Senator, striped chocolate on white.				.10 5	
America, striped white and scarlet..				.10 5	
Pink Cupid, height six inches.....				.20 10	
White Cupid, height six inches.....				.10 5	
Beauty Cupid, pale rose striped with carmine.....				20	
Primrose Cupid, pale primrose.....				20	
Red Ridinghood, rosy pink and white curiously hooded.....				.10 5	
Bride of Niagara, double flowered, pink and white.....				.10 5	
For this year's novelties in Sweet Peas, see colored pages.					
<b>Lathyrus latifolius albus (Perennial Pea)</b> .....	hP	10	white	.50 10	} A beautiful perennial climber, also useful for borders; excellent for cutting.
—Pink Beauty.....	"	"	pink	1.00 10	
—mixed.....	"	"	mix'd	.75 10	
<b>Tropæolum majus (Climbing Nasturtium)</b>					} We call especial attention to our strains of Tall and Dwarf Nasturtiums. <i>They are really beautiful scarce named varieties.</i> We have them grown for us by the most successful cultivator of this popular flower in the world. We assort the varieties ourselves, and can thus assure customers of their obtaining, not only the most vigorous strain in existence, but the greatest number of shades and delicate colors. The mixture includes white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow, etc. For list of Dwarf varieties see page 87.
—atropurpureum.....	hA	10	d.crm.	.15 5	
—coccineum.....	"	"	scar.	.15 5	
—cœruleum roseum.....	"	"	d.rose	.15 5	
—Dunnett's Orange.....	"	"	or'ge	.15 5	
—Edward Otto.....	"	"	lilac	.15 5	
—Heinnemanni.....	"	"	choc.	.15 5	
—hemisphericum.....	"	"	or'ge	.15 5	
—King Theodore.....	"	"	mar.	.15 5	
—luteum.....	"	"	yel.	.15 5	
—regelianum.....	"	"	violet	.15 5	
—Scheurvianum.....	"	"	sul.	.15 5	
—coccinium.....	"	"	stri.	.15 5	
—mixed.....	"	"	mix'd	.15 5	
—collection, 12 colors.....				50	
<b>Tropæolum Lobbianum, Asa Gray</b> ....	hhA	8	white	.60 10	} More delicate in flower and foliage than Tropæolum Major, but equally desirable. The flowers though smaller are more conspicuous and of many splendid colors.
—Brilliant.....	"	"	scar.	.30 10	
—Crown Prince.....	"	"	d.red	.30 10	
—Giant of Battles.....	"	"	car.	.30 10	
—Good Venture.....	"	"	mix'd	.25 10	
—Lili Smith.....	"	"	cr & sc	.30 00	
—Lucifer.....	"	"	d.crm.	.30 10	
—Napoleon III.....	"	"	stri.	.30 10	
—Roi des Noirs.....	"	"	black	.30 10	
—Spitfire.....	"	"	scar.	.30 10	
—mixed.....	"	"	mix'd	.30 10	





**BRECK'S  
STRAINS.**

NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Tropæolum Lobbianum.—Continued.</b>					
—collection, 12 colors.....				.50	
Mad. Gunther's Hybrids.....	hhA	8	mix'd	.25 10	} <i>Tennysonian</i> is a new Californian strain of the greatest excellence. It embraces all desirable colors. Of very graceful form. They bear a wealth of fragrant golden yellow flowers.
Peregrinum (Canary Bird Flowers) ..	"	"	yel.	.50 10	
Trumpet Vine, see Bignonia.					
Virginia Creeper, see Ampelopsis.					
<b>SEEDS FOR GREENHOUSE.</b>					
<b>Abutilon (Chinese Bell Flower).</b>					
choice hybrids.....	tP	4	mix'd	15	} <i>Tennysonian</i> is a new Californian strain of the greatest excellence. It embraces all desirable colors.
Tennysonian.....	"	"	"	10	
<b>Acacia albicans.....</b>	"	"	yel.	10	} Of very graceful form. They bear a wealth of fragrant golden yellow flowers.
dealbata.....	"	6	"	10	
mixed.....	"	varied	"	.50 10	
<b>Achimenes.....</b>	"	1	mix'd	20	} Fine, summer blooming greenhouse plants.
<b>Aloysia citriodora.....</b>	"	"	"	25	
<b>Asparagus plumosa nana.....</b>	"	6	"	20	} Beautiful fern-like plants, that withstand the atmosphere of the living rooms better than ferns.
Sprengeri.....	"	2	"	20	
<b>Begonias, tuberous rooted—</b>					
—Breck's International prize, single.	"	"	"	25	} With a little care, there is no difficulty in raising these from seed. They are very free flowering, and are adapted both for greenhouse cultivation and summer bedding. Our seed is from the finest collection in England.
—double.....	"	"	"	50	
—erecta cristata grandiflora.....	"	"	"	50	
—collection, 12 distinct colors... 1.00					
— " " 6 " " .50					
Rex, Ornamental Leaved.....	"	1	"	25	} These well-known and favorite plants are especially suitable for growing in the living rooms; they withstand any amount of abuse and are always beautiful in addition to their fine flowers and sweet perfume, they have lovely foliage. The <i>Semperflorens</i> type are excellent for summer bedding.
<b>Semperflorens.....</b>	"	1 1/2	rose	20	
—alba.....	"	"	white	20	
—rosea.....	"	"	rose	20	
—Vernon.....	"	"	carm.	20	
—compacta.....	"	1/2	"	20	
—yellow leaved.....	"	"	scar.	20	
—Bedders.....	"	"	mix'd	20	
—Zulu King.....	"	"	red	20	
Baumanni.....	"	"	rose	20	
Credneri.....	"	"	white	20	
Hybrida Hero.....	"	"	rose	20	
Pioneer Odorata.....	"	"	"	20	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.	
<b>Calceolaria</b> , Breck's Scotch Prize . . . . .	tP	2	mix'd	50	The strains of this universal favorite offered by us are saved from the best collections, and are PRIZE WINNERS wherever exhibited. Splendid greenhouse plants with beautifully striped, blotched and variegated flowers. Sow in pans or shallow boxes filled with light sandy soil that has been sifted. Sow moderately thick in rows on the surface and cover very lightly with Sphagnum moss, water very carefully with an atomizer, when large enough to handle transplant singly into 2-inch pots.	
Dalkeith Park . . . . .	"	"	"	25		
James' Giant . . . . .	"	"	"	50		
William's Prize . . . . .	"	"	"	50		
Large Flowered Selfs . . . . .	"	"	"	25		
—spotted . . . . .	"	"	"	25		
Dwarf Large Flowered . . . . .	"	I	"	50		
rugosa (Shrubby) For bedding . . . . .	"	1½	"	25		
<b>Chrysanthemum</b> , Chinese . . . . .	hhP	3	"	10		The "Queen of Autumn." The seed we offer is saved from the best sorts only and includes everything desirable.
—pompon . . . . .	"	1½	"	10		
Japanese . . . . .	"	3	"	10		
—pompon . . . . .	"	1½	"	10		
mixed . . . . .	"	var.	"	10		
<b>Cineraria grandiflora</b>					BRECK'S COLUMBIA is an American strain. Those who have grown it claim it to be superior in habit of plant, size, form and color of flowers to any of the European selections. We especially recommend it. Florists and private gardeners throughout the United States endorse its superiority.	
—Breck's Columbia . . . . .	tP	1½	mix'd	50		
—Covent Garden . . . . .	"	"	"	50		
—James' Prize . . . . .	"	"	"	50		
—Nana . . . . .	"	I	"	50		
—Plenessima, double . . . . .	"	1½	"	50		
<b>Clianthus Dampieri</b> . . . . .	"	3	scar.	10	Fine summer blooming plants with magnificent pea-shaped flowers.	
magnificus . . . . .	"	4	crim.	10		
<b>Coleus</b> , choicest mixed . . . . .	"	2	"	10	Bedding plants with beautiful colored foliage. Easily grown from seed.	
fringed and blotched . . . . .	"	"	"	20		
large leaved varieties . . . . .	"	"	"	20		
<b>Cuphea</b> (Cigar Plant) <i>miniata</i> . . . . .	thhP	I	"	5	Continual bloomers. Adapted for bedding and for house and conservatory decoration.	
—compacta . . . . .	"	¾	mix'd	10		
—platycentra . . . . .	"	I	s. & w.	10		
<b>Cyclamen giganteum</b>					Easily grown, free-flowering, bulbous plants for pot culture. Breck's Imperial is unsurpassed for size, form, profusion and variety of delicate colored flowers. It has eclipsed all others on the exhibition tables at the Mass. Horticultural Society's exhibitions. The several varieties offered here are grown for us by the leading cyclamen growers of Europe, and are at least equal in quality to any obtainable.	
—Breck's Imperial . . . . .	tP	"	mix'd	50		
—album (Mont Blanc) . . . . .	"	"	white	50		
—atropurpureum . . . . .	"	"	d. red	50		
—Crimson King . . . . .	"	"	crim.	50		
—Duke of Connaught . . . . .	"	"	d. crim	50		
—picturatum . . . . .	"	"	w. & p.	50		
—Princess May . . . . .	"	"	pink	50		
—Princess of Wales . . . . .	"	"	red	50		
—Rosy Moon . . . . .	"	"	rose	50		
—sanguineum . . . . .	"	"	d. red	50		
—Sunray, pink and claret . . . . .	"	"	p. & c.	50		
—White Swan . . . . .	"	"	white	50		
—William's Prize . . . . .	"	"	mix'd	25		
—Bush Hill Pioneer . . . . .	"	"	white	50		
—Large Double Flowered . . . . .	"	"	mix'd	50		
Persicum, mixed . . . . .	"	½	"	25		
<b>Dracæna Australis</b> . . . . .	"	8	"		Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow, green leaves. The mid rib of <i>Veitchii</i> is a deep red color.	
— <i>indivisa</i> . . . . .	"	"	"			
— <i>Veitchii</i> . . . . .	"	3	"			
<b>Ferns</b> , collection 12 fine sorts . . . . .	I. 25				Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location.	
<b>Freesia refracta alba</b> . . . . .	"	2	white	10		
<b>Fuchsia hybrida</b> Single . . . . .	"	var.	mix'd	25	Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> .	
—Double . . . . .	"	"	"	25		
<b>Geranium</b> , see <i>Pelargonium</i> .					The seed here offered embraces the cream of several European Prize Collections. It is the very choicest obtainable, and includes colors, shades and markings that beggar description. <i>Cyclops</i> is carmine with white edge	
<b>Gesnera</b> , veined hybrids . . . . .	"	½	"	50		
<b>Gloxinia hybrida grandiflora</b>						
—Aigburth crimson . . . . .	"	I	crim.	50		
—Avalanche . . . . .	"	"	white	50		
— <i>coelestina</i> . . . . .	"	"	b. & w.	50		
— <i>Cyclops</i> . . . . .	"	"	c. & w.	50		
— <i>Defiance</i> . . . . .	"	"	scar.	50		
— <i>Goliath</i> . . . . .	"	"	pur.	50		

NAME.	Hard. and Dur.	H'gt Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Gloxinia.—Continued.</b>					
—Hetherset Hybrid.....	tP	1	mix'd	50	spotted red. <i>Goliath</i> , purple-violet spotted, throat carmine, white edge spotted violet. <i>Hetherset Hybrid</i> is one of the most beautiful offered.
—Princess Maud.....	"	"	c.& w.	50	
—French Spotted and Striped.....	"	"	spot.	50	
—Giant Hybrids.....	"	"	mix'd	50	
<b>Grevillea robusta</b> .....	"	4	oran.	1.00 10	Graceful foliage plant.
<b>Heliotropium (Heliotrope).</b>					
Chieftain (dark).....	"	"	d.pur.	10	Well-known bedding and pot plants that are highly prized for their delightful fragrance. They are of the easiest culture and prefer a light, rich soil.
Snowball.....	"	"	white	10	
Giant Hybrids, mixed.....	"	2	mix'd	10	
<b>Humea elegans</b> .....	hhB	4	red	10	Handsome, sweet-scented pot plants.
<b>Lantana hybrida</b> .....	tP	2	mix'd	5	Suitable for pots and beds.
<b>Lapageria rosea</b> .....	"	15	rose	25	Beautiful greenhouse climber.
<b>Musa ensete (Banana)</b> .....	"	10		25	Splendid foliage plant.
<b>Myrsiphyllum (Smilax)—</b>					
asparagoides.....	"	"	white	.75 10	A beautiful climber; flowers have a sweet orange fragrance.
<b>Pelargonium (Geranium)—</b>					
apple-scented.....	"	1½	pink	15	General favorites; indispensable for indoor and outdoor decoration. The seed we offer is saved from first-class varieties.
double scarlet.....	"	2	scar.	10	
Ivy-leaved.....	"	"	mix'd	20	
Zonale.....	"	"	"	10	
show pelargoniums.....	"	"	"	50	
<b>Periwinkle, see Vinca.</b>					
<b>Primrose, see Primula, General List, page 84.</b>					
<b>Primula sinensis (Chinese Primrose)—</b>					
Breck's Superb.....	"	¾	mix'd	50	To secure good results in growing these favorites the planter must be sure to obtain the very best strains only. Our seed is the cream of several collections that are recognized as the best in Europe. Breck's Superb is the finest strain in existence; vigor of plants, size, substance and variety of delicate shades of flowers are its features.
Alba Magnifica.....	"	"	white	50	
alba oculata lutea (white, yellow eye).....	"	"	w.& y.	50	
Chiswick Red.....	"	"	crim.	50	
coccinea, scarlet, yellow eye.....	"	"	scar.	50	
cristata hybrida.....	"	"	mix'd	25	
cœrulea.....	"	"	blue	50	
James' Prize.....	"	"	mix'd	50	
Magnum Bonum.....	"	"	d. red	50	
rubra violacea.....	"	"	d crim	50	
Snowball (Queen of Whites).....	"	"	white	50	
Snowdon (immense trusses).....	"	"	"	50	
Fern-leaved Giant Flowering.....	"	"	mix'd	50	
—mixed.....	"	"	"	25	
double mixed.....	"	"	"	50	
obconica grandiflora.....	"	"	white	15	
—rosea.....	"	"	rose	25	
—fimbriata.....	"	"	white	25	
<b>Saintpaulia ionantha</b> .....	ttP	½	blue	25	Beautiful violet-like flowers.
<b>Stevia eupatoria.</b>					
Lindleyana.....	tP	1½	white	5	Valuable for pots and borders. Fine for bouquets.
	"	"	rosy	5	
<b>Streptocarpus, imp. hybrida</b> .....	"	1	mix'd	25	
<b>Tacsonia Van Volexemi</b> .....	"	10	scar.	10	Magnificent climber.
<b>Vinca (Periwinkle) alba.</b>					
rosea.....	ttP	3	white	1.00 5	Tender evergreen plants, suitable for pot culture or planting out.
—alba.....	"	"	rose	1.00 5	
—mixed.....	"	"	ro.&w.	1.00 5	
	"	"	mix'd	1.00 5	Handsome single flowers and glossy foliage.
<b>EVERLASTINGS.</b>					
Useful for winter bouquets.					
<b>Acroclinium album.</b>					
—fl. pl.....	hhA	1	white	.40 5	Graceful plants, with daisy-like flowers; useful for winter decorations. The flowers should be gathered when young.
roseum.....	"	"	"	.40 5	
—fl. pl.....	"	"	rose	.40 5	
mixed.....	"	"	mix'd	.40 5	
	"	"	"	.40 5	
<b>Ammobium alatum.</b>					
grandiflorum.....	hhP	2	white	.40 5	Gather before fully expanded to preserve for winter.
<b>Globe Amaranth, see Gomphrena.</b>					
<b>Gomphrena aurea superba.</b>					
globosa alba.....	hA	1½	or'ge	.40 5	These are old favorites for winter bouquets, and were formerly called "Bachelor's Buttons."
—rosea.....	"	"	white	.40 5	
—striata.....	"	"	rose	.40 5	The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in an enriched sandy loam.
—violacea.....	"	"	stri.	.40 5	
—mixed.....	"	"	violet	.40 5	
	"	"	mix'd	.40 5	



NAME.	Hard and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Gomphrena.—Continued.</b>					
—nana compacta rubra .....	hA	1	red	5	} These are the best known of all everlastings. The flowers are of large size and bright colors. The flowers should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil.
— — — alba .....	"	"	white	5	
<b>Helichrysum bracteatum</b> , single .....	"	1½	yel.	.50 5	
—album.....	"	"	white	5	
—Fireball.....	"	"	crim.	.75 5	
monstrosum album, double.....	"	"	white	.75 5	
—luteum, double .....	"	"	yel.	.75 5	
—purpureum, double.....	"	1½	pur.	.75 5	
—roseum, double.....	"	"	rose	.75 5	
—double mixed.....	"	"	mix'd	.75 5	
—nanum, dwarf double.....	"	1	"	.75 5	
<b>Helipterum</b> , Sanfordi.....	"	"	yel.	5	} Small foliage, large clusters of white and golden star-like flowers.
corymbiflorum.....	"	"	white	5	
<b>Rhodanthe maculata</b> .....	hhA	1½	r.& w.	5	} Very beautifully formed flowers.
—alba .....	"	"	white	5	
—mixed .....	"	"	mix'd	5	
Manglesii.....	"	1	rose	5	
<b>Shortia Californica</b> .....	hA	"	yel.	5	} Flowers in clusters; should be gathered early.
<b>Waitzia grandiflora</b> .....	hhA	"	"	1.00 10	
<b>Xeranthemum album fl. pl.</b> .....	hA	2	white	5	} A showy class of everlastings. The flowers retain their color and form a long time.
purpureum fl. pl.....	"	"	pur.	5	
mixed double.....	"	"	mix'd	5	
<b>ORNAMENTAL GRASSES.</b>					
A large number of these grasses, if cut before they are fully matured, will be useful in the formation of winter bouquets, mixed with everlastings.					
collection, 12 distinct sorts. ....		50			
<b>Abyssinian Grass</b> , see <i>Poa Amabilis</i> ..					
<b>Agrostis nebulosa</b> .....	hA	1½		5	Fine plumes for bouquet.
<b>Andropogon argenteus</b> .....	hP	4		5	Dense, silky, with bright, white hairs.
<b>Animated Oats</b> , see <i>Avena sterilis</i>					
<b>Arundo conspicua</b> .....	"	8		5	New Zealand Pampas Grass.
Donax fol. variegatis.....	"	"		10	Finely striped foliage.
<b>Avena sterilis</b> (Animated Oats).....	hA	2½		10	
<b>Briza gracilis</b> .....	"	1		5	} The well-known Quaking Grass.
maxima.....	"	2		5	
<b>Bryopyrum siculum</b> .....	"	¾		5	Good for edging.
<b>Bromus briziformis</b> .....	hP	1½		5	Excellent for winter bouquets.
<b>Chloris barbata</b> .....	tP	1		5	} Very effective in borders, slender and elegant, good for bouquets.
elegans.....	"	¾		5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower	Price per Oz. Pkt.	DESCRIPTION.
<b>Chloropsis</b> Blanchardiana.....	tP	3		10	Flowers of a bright rose color.
<b>Chrysurus</b> aureus.....	hA	1		5	Golden spikes, desirable.
<b>Coix</b> lachryma (Job's Tears).....	"	1½		5	} The dry seeds make fine strings of beads for children.
<b>Eleusine</b> oligostachya.....	"	1		10	
<b>Eragrostis</b> elegans (Love Grass).....	"	"		5	For borders and bouquets.
<b>Eriñthus</b> ravennæ.....	hP	8		10	Resembles Pampas Grass.
<b>Eulalia</b> Japonica.....	"	6		10	Magnificent.
<b>Feather Grass</b> , see <i>Stipa pennata</i> .					
<b>Festuca</b> pectinella.....	"	½		5	} Useful for edging and bouquets.
<i>viridis</i> .....	"	"		5	
<b>Gynerium</b> argenteum (Pampas Grass).....	tP	7		10	} Most stately of all grasses. <i>G. jubatum</i> has fine silvery red flowers.
<i>jubatum</i> .....	"	6		10	
<b>Hare's Tail</b> , see <i>Lagurus</i> .					
<b>Hordeum</b> jubatum.....	hA	2		5	Squirrel Tail Grass.
<b>Isolepis</b> gracilis.....	hhP	½		10	Pretty rush-like grass.
<b>Job's Tears</b> , see <i>Coix</i> .					
<b>Lagurus</b> ovatus (Hare's Tail).....	hA	1½		5	
<b>Pampas Grass</b> , see <i>Gynerium</i> .					
<b>Paspalum</b> elegans.....	"	2		10	Pretty for borders or shrubberies.
<b>Pennisetum</b> longistylum.....	"	1½		5	Distinct and beautiful.
<b>Poa</b> amabilis (Abyssinian Grass).....	"	2		10	
<b>Stipa</b> elegantissima.....	hP	"		10	} Excellent for bouquets.
<i>pennata</i> (Feather Grass).....	"	"		5	
<b>Tricholæna</b> rosea.....	"	1		10	
<b>Tripsacum</b> dactyloides.....	"	¼		10	Pretty for edging.
<b>Uniola</b> latifolia.....	hA	3		10	Useful for bouquets.
<b>Zea</b> Japonica variegata (Maize).....	"	"		5	} The leaves are beautiful, striped with white, rose and yellow.
— <i>gigantea</i> quadricolor.....	"	4		10	
Mixed.....	"	var.		5	

## WILD GARDEN SEEDS.



Any one who has cultivated flowers in neatly laid out beds, or carefully planned 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. Half-oz. packets, 20 cts.

### BRECK'S COLLECTIONS OF FLOWER SEEDS.

COLLECTION "A," price 25 cts., 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 50 cts., contains the varieties in Collection "A," with the following in addition: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, German, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

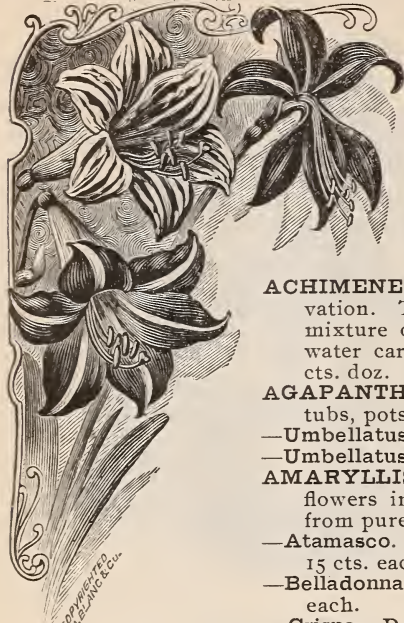
COLLECTION "C," price 75 cts., contains the varieties in Collections "A," and "B," with the following in addition: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

COLLECTION "D," price \$1.00, contains the varieties in Collections "A," "B," and "C," with the following in addition: 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 50 cts. Abronia, Ageratum, Aniaranthus 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 25 cts. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtiums, Lobb's Nasturtiums, Lobelia Gracilis, Mimulus Moschatus.

See Special Offers on third page of cover.



Amaryllis.

# BULBS AND PLANTS.



Begonias.

**ACHIMENES.** Free flowering plants of easy cultivation. The bulbs should be potted early in a mixture of loam and leaf mold. Keep warm and water carefully. Assorted colors, 5 cts. each; 50 cts. doz.

**AGAPANTHUS.** African Lily. These are fine for tubs, pots, vases, etc.

—Umbellatus, Lily of the Nile. Blue, 50 cts. each.

—Umbellatus, Albus. White, 50 cts. each.

**AMARYLLIS.** Lovely lily-like plants that produce flowers in almost every shade of color, ranging from pure white to deep crimson.

—Atamasco. Pink and white. Showy for borders. 15 cts. each; \$1.50 per doz.

—Belladonna Major. Rosy pink, fragrant, 25 cts. each.

—Crispa. Deep pink. 25 cts. each.

—Defiance. Carmine with white stripes. 60 cts. each.

—Equestre. The flowers measure five or more inches across, and are bright, sparkling orange-red, with a green and white star at the centre. 20 cts. each; \$2.25 per doz.

—Formosissima. (Jacobean Lily). Blooms freely out of doors; flowers deep velvety crimson. 15 cts. each; \$1.75 doz.

—Johnsonii. Large crimson and white flowers. 40 cts. each; \$4.00 per doz.

—Lutea. (Sternbergia). Showy yellow, autumn flowering variety. 15 cts. each; \$1.50 per doz.

—Vallotta Purpurea. Crimson-scarlet flowers, borne in clusters of five or six on a long stem. A fine sort for pot culture. 50 cts. each; \$4.00 per doz.

—Vittata. Red and white grounds, beautifully peaked with many tints. 50 cts. each.

**APIOS TUBEROSA.** A pretty, hardy, native climber. Flowers resemble the well-known Wistaria; very fragrant. 10 cts. each; \$1.00 per doz.

**ANEMONES.** (Wind-Flower.) Japonica. Two feet, September. Of free, vigorous habit of growth, and in autumn producing a continuous abundance of bright red flowers. 20 cts. each; \$2.25 per doz.

—Japonica Alba. Two feet, September. An excellent companion to the preceding sort. The flowers are pure white with yellow centre, fine for cutting. 20 cts. each; \$2.25 per doz.

—Japonica. Whirlwind. This plant is of more vigorous growth than either of the two preceding, and has handsomer, broader and thicker foliage. The distinct, pure-white, semi-double flowers appear in August and continue until frost. 25 cts. each; \$2.50 per doz.

**BEGONIA.** Tuberous Rooted. These are desirable plants for bedding. The flowers are not destroyed by rain storms, but seem to shine more brilliant after every shower. The colors are varied and beautiful. Our bulbs are from the same source as our seed and are superior. Single flowered sorts, Red, Crimson, Scarlet, Rose, Pink, White, Yellow, Gold and Bronze, Striped and Flaked. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

—Single Flowered. Mixed colors, 6 cts. each; 50 cts. per doz.; \$3.50 per 100.

—Double Flowered Sorts. Same colors as the single kind. 15 cts. each; \$1.50 per doz.

—Double Flowered Mixed. 12 cts. each; \$1.25 per doz.

**BESSERA ELEGANS.** (Coral Drop.) Bright scarlet flowers, borne on stems about two feet high. Will bloom from shortly after planting until frost. 5 cts. each; 50 cts. per doz.

**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 five feet. Dry bulbs, according to size, 10, 15 and 20 cts. each; \$1.00 to \$2.00 per doz. Bulbs started in pots, 20 and 25 cts. each; \$2.00 to \$3.00 per doz. Special Offer No. 3 only applies to Caladiums.

**CALLA LILIES.** White. 25 cts. each; \$2.50 per doz.

—Little Gem. 25 cts. each; \$2.50 per doz.

**CINNAMON VINE** Hardy climber, shining green foliage, fragrant white flowers. 6 cts. each; 50 cts. per doz.

**CRINUM.** Amaryllis-like bulbous plants, suitable for pot or open ground culture.

—Capense. Bright Rose. 25 cts. each.

—Kirkii. Large white, purple-striped flowers borne on dark purple-colored stems, two feet high; 40 cts. each.

—Ornatum. Delicate blush with a pink stripe through the centre. Very fragrant. 35 cts. each.

**CYCLAMEN.** Suitable for pot culture only. Plant the bulbs in a light, rich soil, and water sparingly till started.

—Persicum Giganteum. Mixed colors, 25 cts. each; \$2.50 per doz. Started plants in pots, 50 cts. to \$1.00 each.

See Special Offers on third page of cover.

## LARGE FLOWERING DWARF FRENCH CANNAS.

*Our Cannas are all started plants; not dry bulbs.*



Cannas

The appreciation of the improvements in Cannas shown by the public, has resulted in increased effort being made to still further enhance their value as ornamental plants. We know of nothing so effective in foliage or continuous in flower as these new Dwarf French Cannas. They are very popular, and they are certainly entitled to a place in every garden.

There are now a great many sorts being catalogued, but those here described are the best in size, substance and colors of flowers and foliage.

- Alphonse Bouvier. Height, five feet; flower, crimson-scarlet; foliage, green.
- Admiral Courbet. Height, four feet; flowers, yellow, speckled with orange-scarlet; foliage, green.
- AUSTRIA.** Height, four feet; flowers, pure yellow, very large and exceedingly beautiful; foliage, musa-like in color and form. 25 cts. each; \$2.50.
- Charles Henderson. Height, 3½ feet; flowers deep crimson; foliage, green. 20 cts. each; \$2.00.
- Chicago. Height, 4 feet; flowers, vermilion-scarlet, shaded orange; foliage, deep green. 20 cts.; \$2.00 per doz.
- Columbia. Height, 5 feet; flowers, crimson with orange shading; foliage, light green. 20 cts. each; \$2.00 per doz.
- Eldorado. Height, 3½ feet; flowers, yellow, speckled red; foliage, deep green. 20 cts. each; \$2.00 per doz.
- Egandale. Height, 4 feet; flowers, bright red; foliage, purple.
- Florence Vaughan. Height, 3½ feet; flowers, golden yellow, spotted with bright red; foliage, a deep green. 20 cts. each; \$2.00 per doz.
- F. Morel. Height, 3½ feet; flowers, bright scarlet; foliage, dark green. 20 cts. each; \$2.00 per doz.
- F. R. Pierson. Height, 3½ feet; flowers, bright scarlet; foliage, green. 20 cts. each; \$2.00 per doz.
- Geoffry St. Hillaire. Height, 5 ft.; flowers, glowing orange;

- foliage, chocolate.
- Gold Coin. Height, 3 feet; bright lemon yellow, spotted with light orange; foliage, deep green. The flower spikes are large and borne well above the foliage. 20 cts. each; \$2.00 per doz.
- Gustav Sennholz. Height, 3½ feet; flowers, silvery rose, mottled with salmon; foliage, deep green.
- ITALIA.** The most beautiful and valuable variety yet introduced; this with **Austria** forms the beginning of a distinct type that will doubtless lead to many wonders in Cannas. Height, five feet; flowers, yellow, blotched with orange-scarlet and bordered with golden-yellow; much larger and more attractive in every way than any other variety; foliage, light green veined with dark green. 25 cts. \$2.50 per doz.
- J. D. Cabos. Height, 4 feet; flowers, apricot with deeper shading; foliage, deep green.
- Jules Chretien. Height, 4 feet; flowers, bright red, very large; foliage, deep green.
- Madame Crozy. Height, 3½ feet; flowers, crimson-scarlet, bordered with yellow; foliage, deep green.
- Mlle. de Crullien. Height, 4 feet; flowers, light yellow, shading to terra cotta; foliage, light green.
- Paul Marquant. Height, 4 feet; flowers, salmon, shaded red; foliage, deep green.
- President Cleveland. In many respects the best variety yet introduced. Height, 3½ feet; flowers, a peculiar bright red, and very massive, foliage, deep green. 35 cts. each; \$3.50 per doz.
- Queen Charlotte. Height, 4 feet; flowers, blood red, banded with bright canary yellow; foliage, bluish-green.
- Souv d'Antoine Crozy. Height, 3 feet; flowers, intense scarlet-crimson with a broad, rich golden-yellow edge; foliage, deep green. 35 cts. each; \$3.50 per doz.
- Vesuvius. Height, 4½ feet; flowers, crimson-scarlet; foliage, dark green.
- Victor Hugo. Height, 4 feet; flowers, scarlet; foliage, quite dark.

Price 15 cts. each; \$1.00 per dozen, *except as noted.*

Cannas are not subject to any of our Special Offers.

**CONVOLVULUS.** Moon Flower, or Evening Glory. The flowers of this lovely climber are very large, freely produced, pure white in color and very fragrant. They open in the evening and are wonderfully attractive. They should not be set out until danger of frost is past. 15 cts. each; \$1.50 per doz.

See Special Offers on third page of Cover.

**CYCLOBOTHRA FLAVIA.** This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to Bessera; the color is clear golden yellow, with intense black spots on each petal. 8 cts. each; 80 cts. per doz.

**CACTUS.** These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water.

We send by mail ten fine plants of blooming size, each one distinct and named, for \$1.00, or five for 50 cts.

**CHRYSANTHEMUMS, POMPON AND HARDY.** Eighteen varieties for garden cultivation. They include a much greater diversity of color and form than has hitherto been obtainable, we are sure they will delight all who plant them.

While they are all hardy, it is well to give them a protection with leaves or litter during winter. Each 20 cts.; per doz. \$2.00.

—Viscount de Vere, lilac-pink; Grunnewold, pink; La Vogue, yellow; Souvenir de Jersey, yellow; Mlle. Martha, white; Blushing Bride, white, shaded pink; Rio des Precoses, red, shaded bronze; Emily Robottom, anemone white; Snowdrop, white; Gen. Canrobert, yellow; Bronze Bride, bronze; Sœur Melane, white; Mme. des Granges, white; Julius Lagrave, dark red, late keeper; Rose Trevenna, pink; Bob, brown and white; Model of Perfection, lilac; Mme. La Count de Franchise de Camel, bronze; Golden Fleece, bright yellow.

**CHRYSANTHEMUMS.** We offer these from one of the largest and best collections in the country. If what you want is not included in the sorts here named, send us your list, we can furnish every desirable variety.

A. Waterer, bronze yellow; Charity, pink; Cullingfordi, crimson; Day Dawn, white; E. M. Bigelow, red; Edith M. Hollis, white; Golden Queen, yellow; Golden Wedding, yellow; Gettysburg, red; Hicks Arnold, yellow; Infatuation, white; Indiana, pink; J. L. Canning, white; Lady Playfair, pink; Lillian B. Bird, pink; Major Bonnafon, yellow; Mrs. Phipps, white; Mayflower, white; Mrs. George West, pink; Mrs. S. Morgan, yellow; Octoroon, red; Pink Ivory, pink; Silver Cloud, white; Tuxedo, yellow. Ready for delivery after the middle of April. 15 cts. each; \$1.50 per doz.

**CARNATIONS.** For blooming in the garden we can furnish three colors that will flower if set out after the middle of May, from July until frost.

—Scarlet, Crimson, White. Extra strong plants from pots. 25 cts. each; \$2.50 per doz.

—Round Pinks. These old favorites, if given enough room, form a pretty mound of bluish-green foliage and produce freely beautiful, blush-pink, fragrant flowers. 20 cts. each; \$2.00 per doz.

—Margaret. This is the new class that blooms from seed in about four months. About 90 per cent of the flowers are double. All very sweet scented and they embrace a great variety of delicate shades. They are exceedingly useful for cutting. Strong plants, 15 cts. each; \$1.50 per doz.

**DAHLIAS.** Large Double Show Named sorts in a large variety of colors. 15 cts. each; \$1.50 per doz.

—Pompon, or Small-Flowered Double. Really more desirable and popular than the foregoing. Named sorts in a great variety of colors. 15 cts. each; \$1.50 per doz.

—Single Flowered. From a grand collection. 15 cts. each; \$1.50 per doz.

—Cactus. Large double and single flowered. 20 cts. each; \$2.00 per doz.

—Hardy. Golden Ball. Height four feet, furnished with pretty dark-green foliage, which in fall just shows through the covering of beautiful double golden-yellow flowers that last till frost. Seeds, per pkt., 5 cts. Extra strong plants, each, 15 cts.; per doz., \$1.50.

**GLADIOLI.** This valuable and easy cultivated class of bulbs is not half appreciated. They can be grown in beds or borders, and a continuous bloom can be kept up from June till frost by a succession of planting. Fine mixed varieties, doz., 25 cts.; 100, \$1.75. Named sorts, mixed, doz., 30 cts.; 100, \$2.00. Scarlet shades in mixture, doz., 20 cts.; 100, \$1.50. Crimson shades in mixture, doz., 20 cts.; 100, \$1.50. Pink shades in mixture, doz., 35 cts.; 100, \$2.75. White shades in mixture, doz., 40 cts.; 100, \$3.00. Yellow shades in mixture, doz., 40 cts.; 100, \$3.00. Striped and variegated, doz., 30 cts.; 100, \$2.00. French Hybrids, doz., 50 cts.; 100, \$3.50. Lemoine's Hybrids, collection of 10 named varieties, \$2.00.

**GLOXINIA BULBS.** Our stock of these is very choice.

The bulbs should be potted in the spring in light, sandy loam, and they will commence growing and blooming at once. In the fall, dry them and store in a warm place through winter. Strong, flowering bulbs, mixed colors, per bulb, 15 cts.; \$1.75 per doz.



Chrysanthemums.



Dahlias



**HEUCHERA. Sanguinea.** One of the handsomest hardy perennials of recent introduction. The flowers are of a rich crimson color, leaves light green. Roots, 15 cts. each; \$1.50 per doz. Seed, per pkt., 10 cts.

**HYACINTHUS. Candicans.** Perfectly hardy. Height three feet, bears an abundance of pure-white, bell-shaped flowers. Each 10 cts.; per doz., 75 cts.

**IRIS. Kaempferi.** When these are in bloom nothing in the garden is grander. The name "Poor Man's Orchids" has been suggested for them on account of their ease of culture and great beauty. Choice named varieties, \$2.50 per doz. Double and single mixed, \$1.75.

—**Germanica.** The German Iris bloom earlier than the Kaempferi, they embrace many charming combinations of colors, and are very fragrant. Choice named varieties, \$1.50 per doz. Fine mixture, \$1.00 per doz.

**LILIES. Lilium Auratum. Golden Banded Lily of Japan.** Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Each, 20 cts.; per doz., \$2.00.

—**Lilium Lancifolium Rubrum.** White with rich crimson spots. Each, 15 cts.; per doz., \$1.50.

—**Lilium Lancifolium Roseum.** White stained and spotted rose. Each, 15 cts.; per doz., \$1.50.

—**Lilium Lancifolium Album.** Large, pure-white flowers. Each, 20 cts.; per doz., \$2.00.

**MILLA. Biflora.** Beautiful, white, waxy flowers with pale lemon anthers. Deliciously fragrant. Plant out-doors in May and take up bulbs in fall like Gladioli. Each, 10 cts.; per doz., 75 cts.; per 100, \$5.00.

**MADEIRA VINE.** A beautiful, rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 5 cts.; per doz., 50 cts.

**MONTBRETIA. Crocosmiaeflora.** Very large flowers of fine shape. Base of flowers is bright orange, sprinkled with purple spots, arranged like Tigridia. Each, 10 cts.; per doz., 75 cts.

**PÆONIES.** We can furnish these well-known, old favorites in all the



Lilium Auratum

newest varieties.

—**Hardy Herbaceous Sorts, named.** 50 cts. to \$1.00 each.

—**Hardy Herbaceous, assorted colors; large flowering roots.** 50 cts. each.

—**Hardy Herbaceous, large, double, white.** 50 cts. each.

**SMILAX.** A beautiful climber for greenhouse or window culture. Plants from two and a half inch pots. 15 cts. each; \$1.00 per doz.

**TIGRIDIA. (Shell Flower.)** Beautiful, large, shell-like flowers, produced from July until frost. They require similar treatment to the dahlia.

—**Conchiflora.** Orange and crimson spots. 5 cts. each; 50 cts. per doz.

—**Grandiflora Alba.** White flowers spotted with maroon and rose. 5 cts. each; 50 cts. per doz.

—**Grandiflora Crimson.** 5 cts. each; 50 cts. per doz.

—**Pavonia.** Red with crimson spots. 5 cts. each; 50 cts. per doz.

**TUBEROSES.** 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.

—**Excelsior Double Pearl.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Tall, Double.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Albino.** This variety is hardier and earlier than the others. The flowers are single, white, large and fragrant. 5 cts. each; 30 cts. per doz.; \$1.75 per per 100.

### SUMMER BEDDING PLANTS, FLOWERING AND FOLIAGE.

	Doz.	100		Doz.	100
Abutilon, in variety	\$1.50	\$10.00	Geranium, single, scarlet, white, red	\$1.00	\$8.00
Achyranthes, Collinsii	1.00	8.00	Geranium, single, bronze-leaved	1.00	8.00
Ageratum, best dwarf, blue	.75	5.00	Geranium, single, silver-leaved	1.50	10.00
Alternanthera, dwarf	.75	6.00	Heliotropes,	1.00	8.00
Alyssum, double, white.	.75	6.00	Hollyhocks, choice strain	2.50	18.00
Alyssum, variegated foliage	.75	6.00	Lantanas, choice varieties	1.00	8.00
Asters, pure white	.50	4.00	Lobelias, various sorts	.50	4.00
Asters, assorted colors	.50	4.00	Lemon Verbenas,	1.50	10.00
Begonias, choice varieties	1.50	10.00	Marigold, French and African	.60	4.00
Caladium Esculentum,	2.50		Nasturtium, tall, for trellises, etc.	.60	4.00
Cannas assorted	1.00	8.00	Nasturtium, dwarf, beds, or borders	.60	4.00
Cannas, Crozy's choice new varieties	1.50	10.00	Pansies, extra large flowered	.50	4.00
Calendula, deep yellow	.60	4.00	Pansies, choice fancy, assorted colors	1.00	8.00
Centaurea Candidissima,	1.00	8.00	Petunia, double, choice varieties	1.25	8.00
Centaurea Gymnocarpa, silvery foliage	.75	6.00	Petunia, single, dwarf or tall.	.75	6.00
Cobæa. Scandens	1.25	9.00	Phlox, all colors	.60	4.00
Coleus, fine varieties	.60	5.00	Ricinus, in variety	2.00	15.00
Coleus, new varieties, extra	1.00	8.00	Salvia, scarlet for beds, etc	1.25	8.00
Feverfew double white, free-flowering	.75	6.00	Stocks, double, ten weeks	1.00	7.00
Feverfew, golden (golden fea.) yellow	.60	4.00	Verbenas, assorted colors, extra	.60	4.00
Fuchsias, various fine sorts, small pl's	1.25	10.00	Vincas, red and white	1.25	9.00
Geranium, double, red, rose, white	1.25	8.00	Zinnias, assorted colors	.60	4.00

Other Varieties can be furnished at Lowest Prices.

Special Offer No. 3 only applies on Bedding Plants

## AQUATIC PLANTS.

The hardy varieties may be planted as soon as vegetation commences in the spring. They may be grown in tubs. A warm, sheltered position, yet with full exposure and sunshine should be selected. Fill the tubs two-thirds full of turfy soil enriched with decomposed hot bed or farmyard manure; cover with two inches of sand and fill with water. The crowns of the plants should be placed just under the surface of the soil.

The tender varieties should not be planted until from the 1st until the 10th of June. Nelumbiums, though hardy when established, should not be planted as early as the hardy *Nymphæas*.

### HARDY VARIETIES.

**NELUMBIUM. Speciosum.** (Egyptian Lotus) The flowers are about a foot across, of a deep rose color, with a soft, creamy white at bases of the petals; exquisitely fragrant. Flowering tubers, 75 cts. and \$1.50 each.

—**Luteum.** (American Lotus.) This differs from *N. Speciosum* only in the color of its flowers; they are of a rich, sulphur yellow tint. 75 cts. and \$1.50 each; \$7.50 per doz.

—**Kermesinum.** Another distinct variety, bearing flowers resembling the *Hermosa Rose* in color. \$1.50 each.

—**Album Grandiflorum.** Immense flowers of pure ivory whiteness, very scarce. \$2.00 each.

—**Album Striatum.** Pure white, the edges of the petals are irregularly striped and tipped with rosy carmine. Their fragrance is quite distinct. \$1.50 each.

**NYPHÆA. Alba Candidissima.** Flowers six inches in diameter; pure white with broad petals; the earliest flowering variety. 75 cts. each; \$7.50 per doz.

—**Odorata.** Its lovely, pure white flowers, so common in some locations, is worthy of a place among the choicest varieties. 20 cts. each; \$2.00 per doz.

**Odorata Gigantea.** Similar in all respects to *N. Odorata*, but the flower is very large and full. 20 cts. each; \$2.00 per doz.



Nelumbium

- Odorata Rosea.** (The popular pink Cape Cod water lily). The flowers are of large size, cup-shaped; a lovely deep pink in color; delicious fragrance and free bloomer. 50 cts. each; \$5.00 per doz.
- Odorata Sulphurea.** Large, yellow, fragrant flowers, standing a few inches out of the water. The leaves are deep green, beautifully mottled with reddish yellow or brown spots. 50 cts. each; \$5.00 per doz.
- Odorata Caroliniana.** The flowers on well-grown specimen plants are very large, measuring 7 inches in diameter; the color is of the clearest rosy pink, the faintest tint at the points deepening to the centre of the flower, the golden stamens reflecting a lovely salmon shade; deliciously fragrant. \$1.50 each.

### TENDER VARIETIES.

**NYPHÆA. Cœrulea.** (Stellata.) The flowers are a clear light blue, very delicately scented; six to eight inches across. Known as the Blue Lotus. \$1.00 each.

—**Dentata.** The largest and best white, night-blooming variety; long, pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. 50 cts. each.

—**Devoniensis.** The flowers are a brilliant rosy red, and are from ten inches to twelve inches across. 50 cts. each.

—**Zanzibarensis Azurea.** This is similar to the true *Zanzibarensis* except in color, being deep, rich, azure blue. 50 cts. each.

—**Zanzibarensis Rosea.** Similar to the preceding, save in color, which is a beautiful deep rose. 50 cts. each.

—**EICHHORNIA. Crassipes Major.** (Water Hyacinth.) A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a hyacinth. It should be grown in about three inches of water, so that the ends of the roots can enter the soil. 15 cts. each; \$1.50 per doz.

**LYMNANTHEMUM. Indicum.** (Water Snowflake.) A very pretty floating species, with light green, roundish leaves and pure white flowers most beautifully fringed. 15 cts. each.

**LIMNOCHARIS. Humboldtii.** (The Water Poppy.) Oval leaves and yellow, poppy-like flowers, standing out of the water. A good plant for growing in shallow water. 15 cts. each; \$1.50 per doz.

**MYRIOPHYLLUM. Proserpinacoides.** (Parrot's Feather.) An aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging-basket, so water can be kept standing on the surface, it will trail finely. 15 cts. each; \$1.50 per doz.

**CYPERUS. Papyrus.** This is the true Egyptian Paper Plant. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than *Cannas* require to make them do well. 25 cts. each.

**ZIZANIA. Aquatica.** Wild Rice. This native aquatic annual is very ornamental in the Water Garden; its graceful panicles of bloom are produced on stalks five to ten feet high; should be grown in shallow water. 10 cts. each; 75 cts. per doz.

Those interested in Aquatic Plants and their cultivation will find Mr. Tricker's book, "THE WATER GARDEN," attractive reading and a valuable guide in all matters connected with the subject. \$2.00 by mail.

See Special Offers on third page of cover.

# PLANT DEPARTMENT.



To this important branch of our business we are giving much attention, and are in a position, second to none, to supply FRUIT TREES, SHADE and ORNAMENTAL TREES, EVERGREEN and FLOWERING SHRUBS, VINES, HERBACEOUS and SUMMER BEDDING PLANTS, etc., in all desirable varieties and sizes, at lowest prices. We shall be glad to advise

intending buyers as to selection, and also furnish plans and estimates for laying out and planting ornamental grounds. See particulars of Landscape Department in colored pages.

While we exercise the greatest care to have all Nursery stock pure and reliable, we sell no Trees, Plants, Shrubs or other Nursery stock with warranty, express or implied, in any respect. If the purchaser does not accept these goods on these terms, they must be returned at once, and the money that has been paid for them will be refunded.

## ROSES.

The list of Varieties is revised, and contains nothing but the really most desirable and distinct kinds.

**PLANTING.** If possible, select a position sheltered from high winds but open to sunshine. If the soil is not naturally suitable it must be improved—if light, by the addition of rich loam and decomposed cow or stable manure, well worked in; where stiff and heavy, good drainage and rough stable manure are the essentials.

When planting, carefully prune all dead or bruised roots or branches, spread the root fibres as much as possible, and set deep enough to cover the junction of the bud and stock, thereby preventing suckers, and enabling the *rose* to make roots.

During the growing season, frequent waterings with liquid manure is an advantage. It is easily made by mixing cow manure with water in an old tub or barrel.

In the following list we have aimed at selecting those that combine, in the fullest manner, the five requirements of a perfect rose, namely: beauty of color, beauty of form, fragrance, profusion and continuity of bloom, and vigor of growth. To aid our customers in making selection, we have indicated what we consider the *best fifty*, by prefixing a star \*; to the *best twenty-five*, two stars \*\*; to the *best twelve*, three stars \*\*\*; to the *best six*, four stars \*\*\*\*.

Strong Plants, 30 cts. each; \$3.00 per doz. Extra Strong Plants, 50 cts. each; \$4.00 per doz.

## HYBRID PERPETUAL ROSES.

- \*Abel Grand, silvery rose, large, very free bloomer.
- \*\*\*\*Alfred Colomb, bright fiery red, large and very fine.
- Alfred K. Williams, carmine red, fine form.
- \*\*Alphonse Soupert, bright pink, form of *La Reine*, very large.
- American Beauty, bright, carmine rose, very sweetly scented.
- \*Anna de Diesbach, deep rose, very large and showy.
- \*Augustine Guinoisseau, white, slightly tinted flesh, form of *La France*.
- Auguste Rigotard, cherry red, large and deep.
- \*\*\*\*Baroness Rothschild, delicate flesh, one of the very best.
- \*\*Beauty of Waltham, light crimson, large and of fine form.

- Captain Christy, light salmon flesh, a distinct shade.
- \*Captain Hayward, bright carmine crimson, perfect form, sweetly scented.
- \*\*\*\*Charles Lefebvre, brilliant velvety crimson, superb.
- \*Comte de Raimbaud, new shade of purplish crimson, very beautiful.
- \*\*Comtesse de Oxford, bright carmine red, very large, handsome foliage.
- \*Countess of Roseberry, brilliant carmine rose, very double.
- \*\*Dr. Andry, bright reddish crimson, large, free flowerer.
- \*\*\*\*Duke of Edinburgh, bright vermilion, superb form.
- Duchess de Morny, splendid clear light rose, beautifully formed.

See Special Offers on third page of Cover.

- \***Duchess of Bedford**, dazzling scarlet crimson.  
 \*\*\*\***Dupuy Jamain**, very bright cerise, large, full, and fine form.  
**Earl of Dufferin**, rich velvety crimson shaded with dark maroon.  
**Eclair**, bright fiery red, large and full, form of *Chas. Lefebvre*.  
**Edouard Morren**, glossy pink, a very fresh and delicate shade.  
 \*\***Etienne Levet**, light carmine red, perfectly folded.  
 \***Ferdinand de Lesseps**, crimson, shaded with violet.  
 \***Fisher Holmes**, crimson, purplish shading.  
 \*\*\*\***General Jacqueminot**, scarlet crimson, large and magnificent.  
**Gloire Lyonnaise**, chrome yellow, edged with white.  
**Gloire de Margottin**, dazzling red; the most brilliant known.  
 \***Henrich Schultheis**, delicate pinkish rose, large and sweetly scented.  
 \***Horace Vernet**, bright light crimson; a superb flower.  
 \***Jeannie Dickson**, rosy pink with a silvery pink edge.  
 \*\***John Hopper**, brilliant rosy crimson, an abundant bloomer.  
 \*\*\***La France de 89**, brilliant red, sometimes lined with white.  
 \***La France**, bright lilac rose, centre silvery white; a favorite.  
**La Rosiere**, velvety crimson, a grand flower.  
 \***Louis Van Houtte**, reddish scarlet and amaranth, shaded with bluish purple.  
 \***Mabel Morrison**, pure white, form of *Baroness Rothschild*.  
 \*\*\***Madame C. Testout**, habit and character of *La France*, but deeper in color.  
**Madame Eugenie Verdier**, bright satined rose, silver shaded.  
 \***Madame Nachary**, light silvery rose, deep cupped form.  
 \*\*\***Madame G. Luizet**, fine satin rose; very clear.  
 \***Madame Chas. Wood**, crimson shaded with purple; extra form.  
 \*\***Madame Victor Verdier**, beautiful cherry rose, exquisitely cupped.

Strong Plants 30 cts. each, \$3.00 per doz. Extra Strong Plants 50 cts. each, \$4.00 per doz.

## CLIMBING ROSES.

- Crimson Rambler**, the finest climbing rose yet offered; it is a very rapid grower, and produces an immense number of lovely pink flowers.  
**Yellow Rambler**. The flowers are borne in immense clusters—the color is a decided yellow. It is a fitting companion to the *Crimson Rambler*.  
**Dawson**. Vigorous, and most productive of rich pink, semi-double, fragrant flowers, in clusters.

Strong Plants, 50 cts. each; \$4.00 per dozen.

## SINGLE ROSES.

- Grandiflora**. Finely cut foliage and myriads of purest white flowers.  
**Rugosa Alba**, forms large bushes with deep green, glossy foliage, flowers beautiful pure white, sweetly scented.  
**Rugosa Rubra**, similar to the preceding, but with large rosy crimson flowers, succeeded by cherry-like fruit.  
**Madame G. Bruant**, semi-double white flowers, otherwise resembles *Rugosa Alba*.  
**Madame Chas. Worth**, semi-double crimson flowers, habit similar to *Rugosa Rubra*.

- Mdlle. Eugenie Verdier**, bright flesh-rose, reverse of petals silvery white.  
**Mdlle. Marie Rady**, red, bordered with white;  
 \***Mdlle. S. M. Rodocanachi**, very brilliant cherry-rose, extra fragrant.  
 \*\***Mdlle. Annie Wood**, vivid crimson, of the most perfect form.  
 \***Magna Charta**, bright pink suffused with carmine, large and full.  
**Marchioness of Londonderry**, ivory white, of great substance and perfect form.  
 \***Marshall P. Wilder**, cherry carmine, form of *Alfred Cqlomb*.  
 \***Margaret Dickson**, white, centre petals, flesh.  
 \*\*\***Marie Bauman**, light crimson, large, full and fine form.  
 \*\***Marquise de Castellane**, bright rose, very large and full.  
**Maurice Bernardin**, crimson beautifully shaded with violet.  
 \*\*\***Merveille de Lyon**, beautiful pure white, form of *Baroness Rothschild*.  
 \*\***Mons. E. Y. Teas**, dazzling cherry red, perfect form.  
 \*\*\***Mrs. John Laing**, soft pink, style of *Madame G. Luizet*.  
**Mrs. R. G. Sharman Crawford**, deep rosy pink shaded with pale flesh.  
 \*\***Paul Neyron**, dark rose, fine form, very large.  
**Pierre Notting**, dark red, distinct color, very large and full.  
 \***Prince Camille de Rohan**, velvety crimson, beautiful shade.  
**Queen of Queens**, pink with blush edges, large and fine.  
 \***Senateur Vaisee**, dazzling red, large, full and extra fine.  
 \***Silver Queen**, silvery blush, shaded in the centre delicate rosy pink.  
 \***Sir Garnet Wolseley**, fine scarlet crimson, with a rich deep shading.  
 \*\***Ulrich Brunner**, cerise red, very large and fine.  
**Victor Hugo**, bright crimson red, shaded purple.  
**Victor Verdier**, deep carmine, large and well-formed.  
 \*\***White Baroness**, pure white, form of *Baroness Rothschild*.

- Blairii**. Flowers borne in profusion all summer, color, rosy-blush; large and delightfully fragrant.

- Gloire de Dijon**, buff, orange centre; splendid foliage, tea scented.

- Baltimore Belle**, pale blush, changing to white; fine.

- Queen of the Prairie**, bright, rosy red; frequently with white stripe.

each; \$4.00 per dozen.

- Multiflora**. Dense clusters, small creamy white fragrant flowers.

- Sweet Briar**. Fragrant foliage and flowers.

- Carolina**, (Wild Swamp Rose,) Flowers very bright. 25 cts. each; \$2.00 per doz.

- Wichuriana**, low trailing variety, suitable for covering banks, rocks, etc. Glossy green foliage, pure white very fragrant flowers. 35 cts. each; \$3.00 per doz.

Strong Plants, 50 cts. each; \$4.00 per dozen, except as noted.

See Special Offers on third page of cover.

## AUSTRIAN ROSES.

These are the showiest yellow roses in cultivation; very profuse bloomers, their bright flowers literally covering the bush.

**Harrisonii**, fine golden Yellow.

**Persian Yellow**, the deepest yellow.

50 cts. each; \$4.00 per doz.

## EVER-BLOOMING TEA ROSES.

The Teas are tender and require protection. They are admirably adapted for greenhouse culture, and are now much grown in the summer garden.

**Bon Silene**. Rosy-carmine, fragrant.

**Bride**. Snowy white.

**Bridesmaid**. Brilliant pink.

**Catherine Mermet**. Bright silvery pink.

**Mad. Hoste**. Yellowish-white.

**Niphetos**. White, tinged-lemon.

**Perle des Jardins**. Straw color.

**Souvenir de Wotton**. Crimson.

Small Plants, 15 cts. each; \$1.50 per dozen.

Large Plants, 30 cts. each; \$3.00 per dozen.

## FOLIAGE PLANTS FOR HOUSE, LAWN AND PIAZZA.

**ARICA LUTESCENS**. A majestic palm. Its dark, glossy-green leaves are gracefully curved on slender stems. The trunk and stems are a golden yellow, irregularly spotted with bronzy-green. Each, 1½ ft., \$1.50; 2½ ft., \$3.00.

**KENTIA BELMOREANA**. Sometimes called the "Curly Palm," recognized as one of the best for all purposes, being able to withstand more ill-usage, perhaps, than any other. Each, 1½ ft., \$2.00; 2 ft., \$3.00; 3 ft., \$5.00.

**LANTANIA BORBONICA**. This is a typical palm and is more largely used than any other. It is of strong, healthy habit, and especially suitable for window culture. Each, 1½ ft., \$1.50; 2 ft., \$2.00; 2½ ft., \$3.00; 3 ft., \$5.00.

**PANDANUS UTILIS**. This is a most desirable variety for window culture, and will bear without injury a great deal of neglect. Each, 1 ft., \$1.00; 1½ ft., \$2.50.

**DRACENA INDIVISA**. Valuable as a window plant and for centres of vases, baskets, beds, etc.; 50 cts. to \$1.50 each.

**DRACENA TERMINALIS**. A beautiful decorative plant, gorgeous shades of crimson, bronzy-green and pink foliage; 50 cents to \$1.50 each.

**RUBBER PLANTS**. *Ficus Elastica*. We can furnish nice, healthy plants of this favorite at from \$1.00 to \$5.00 each, according to size.

**NEPHROLEPSIS EXALTATA**. *Boston Fern*. A very popular window-plant. It bears well with heat, dust and neglect, and always has a bright, fresh appearance. Strong plants, 50 cents to \$2.00 each.



Kentia Belmoreana.

## HARDY HERBACEOUS PERENNIALS.

## HARDY ASTERS.

We have in this class some of the most showy, as well as really beautiful and interesting flowering plants in cultivation, invaluable in the garden, especially as they blossom when the scarcity of hardy flowers is most marked. Will thrive in grass or any rough spot and bloom freely the first season.

**A. Alpinus**. 9 in. July. Bright purple. 25 cts.; \$2.50 per doz.

**A. Amellus Bessarubicus**. 2 ft. Rich purplish-blue flowers, with orange centre; one of the finest. 25 cts.; \$2.50 per doz.

**A. Chapmanni**. Numerous heads of small flowers of a light clear blue. 15 cts.; \$1.50 per doz.

**A. Longifolius Formosus**. 3 ft. October. A dwarf-growing variety, which is a cloud of very large, bright, rose-colored blossoms; a superb aster. 20 cts.; \$2.00 per doz.

**A. Novæ Angliæ**. 4 ft. Our grandest American species, with thousands of big, violet-purple blossoms; a grand aster. 15 cts.; \$1.50 per doz.

**A. Novæ Angliæ. var. Roseus**. 4 ft. A most charming variety of the above, with all shades of rose and crimson. 25 cts.; \$2.50 per doz.

**A. Nova-Belgica, var. Lady Trevellyn**. 4 ft. Sept., Oct. Large heads of white flowers, with yellow centres. 25 cts. each; \$2.50 per doz.

**A. Sibericus**. 9 in. Aug., Sept. The plant forms a perfect hemisphere, and is completely covered with clear pink flowers in autumn. 35 cts. each; \$3.50 per doz.

See Special Offers on third page of cover.

## MOSS ROSES.

**Crested Moss**. Rose large and full; beautiful.

**Glorv of Mosses**. Blush, very large and full.

**Laneii**. Rosy crimson, tinted purple.

**Little Gem**. Crimson, very small and double, beautifully mossed.

**Princess Adelaide**. Pale, glossy rose.

**Reine Blanche**. Fine white, large and full.

Strong Plants, 50 cts. each; \$4.00 per doz.

## POLYANTHA, OR FAIRY ROSES.

These are of low, compact habit, producing small, graceful flowers in great abundance. They are perfectly hardy, and will bloom through the hottest and driest months of summer.

**Little Gem**, white, slightly tinted with pink.

**Mme. Cecile Brunner**, salmon rose, buff shaded.

**Mignonette**, blush; very fragrant and free flowering.

**Paquerette**, pure white; dwarf and free flowering.

**Perle d' Or**, saffron yellow, deeper in centre, edges white; very fine.

Price, small plants 35 cts. each; \$3.50 per doz.

large plants 50 cts. each; \$4.00 per doz.

# Hardy Herbaceous Perennials.

This Collection, value \$13.00, will be delivered free, as per Special Offer No. 1, on receipt of \$10.00.

CLASS.	H'GT	SEASON.	PRICE	CLASS.	H'GT	SEASON.	PRICE
	FT.				FT.		
Achillea the Pearl, dense heads of double white	1½	Summer	.15	Iberis Corraefolia (Hardy Candy-tuft), dense head; pure white flowers; evergreen	¾	May	.25
Ajuga Genevensis (Bugle), spikes of deepest blue	½	Summer	.20	Iris Kaempferii (Japanese Iris), immense flowers in all shades of colors	3	July	.35
Alyssum Saxatile var. Compacta (Gold dust), bright golden yellow.	1	May	.20	Linum Perenne (Peren'l Flax), large open clusters of rich blue; choice	1½	Summer	.20
Anemone Japonica (Japan Wind fl'er) bright pink, yellow stamens	2	Sept.	.20	Lathyrus Latifolius (Perennial Pea), clusters of rich clear red; climber.	5	Summer	.25
Anemone Japonica var. Whirlwind, double white elegant	2	Sept.	.25	Lychnis Chalcedonica (Scarlet Lampflower), heads of scarlet	2	Summer	.20
Anthemis Tinctoria (Hardy Golden Marguerite), deepest golden yellow	2	All S'm'r	.15	Lychnis Viscaria var. fl. pl. (Ragged Robin), dense spikes of rich red; fragrant; choice	1½	June	.25
Aquilegia Chrysantha (Golden Columbine), rich yellow; fine form	3	July	.25	Monarda Didyma (Bergamot), fragrant head of scarlet	1½	Summer	.20
Arabis Albida (Alpine Rock Cress), heads of very fragrant pure-white flowers	¾	May	.20	Oenothera Macrocarpa (Evening Primrose), yellow fragrant flowers of immense size; prostrate	1	Summer	.25
Boltonia Latisquamae (False Chamomile), immense heads of rich lavender pink flowers	5	Sept.	.25	Papaver Orientale (Oriental Poppy), Bright scarlet spotted with purple; large and fine	2	June	.35
Campanula Carpathica (Carpathian Harebell), bright blue; dense	1	Summer	.25	Papaver Royal Scarlet. An improvement over last, with flowers eight inches across, of deepest blood red with purple blotches in centre. One of the best.	2	June	.50
Coreopsis Lanceolata (Golden Tickseed), bright yellow. A mass of flowers all summer	2	Summer	.20	Pentstemon Barbatus var. Torreyii (Torrey's Beard-tongue), long spikes of bright orange scarlet	5	July	.25
Centaurea Montana var. Alba (Cornflower), pure white, fine for cutting.	1½	Summer	.25	Phlox Hybrida (Hybrid Perennial Phlox), immense trusses, all shades of red, white and maroon	3	Late Summer	.25
Chelone Lyonii (Turtle-head), dense heads of deep, rich red	2	Sept.	.25	Platycodon Grandiflora (Giant Bellflower), large rich blue, bell-shaped flowers	2½	Summer	.25
Delphinium Formosum (Showy Larkspur), deep blue, pure white eye; long spikes	3	Summer	.25	Polemonium Reptans (Jacob's ladder), clusters of rich blue flowers	1	May	.25
Dianthus Plumarius (Scotch Pink), fragrant bright pink flowers	1	June	.20	Potentilla Hybrida (Cinquifol), clusters of double red, orange or yellow flowers	1	J'ne-July	.35
Dicentra Spectabilis (Bleeding Heart), pink and white	2	May-July	.20	Pyrethrum Hybridum, double white, pink or red shaded flowers	2	Summer	.35
Dictamnus Fraxinella (Gas Plant), spikes of purple; whole plant strongly scented	2	J'ne-July	.25	Pyrethrum Uliginosum (Giant Daisy), broad heads of large, pure white, daisy-like flowers	3	Sept.	.25
Delphinium Chinensis (Chinese Larkspur), broad clusters bright blue flowers; elegant	2	Summer	.25	Rudbeckia Speciosa (Showy Coneflower), deep golden-yellow flowers with purple centres.	2	Summer	.25
Doronicum Excelsum, elegant yellow flowers; enormous bloomer	2	May-J'ne	.25	Sedum Spectabile (Showy Stonecrop), broad heads of deep, showy pink flowers; choice	1	Sept.	.25
Epimedium Alpinum (Barrenwort), choice pink and white, in clusters.	1	Spring	.25	Scabiosa Caucasicca, large lavender-blue flowers; excellent for cutting	2	Summer	.25
Funkia Ovata (Plantain Lily), showy foliage; spikes of purple	2	August	.25	Spiraea Palmata, elegant foliage; showy spikes of deepest crimson	3	Summer	.25
Funkia Subcordata (White Day-lily), clusters of fragrant white flowers	1½	Aug-Sept	.25	Veronica Amæthystina (Amæthyst Speedwell), dense spikes of amæthyst blue; elegant.	1½	June	.25
Gypsophila Paniculata (Infant's Breath), fine spray-like white	2	Summer	.20	Veronica Longifolia var. Subsessilis One of the choicest of late blooming perennials, with long dense spikes of deepest blue flowers, lasting for a long season.	2	Late Summer	.30
Helianthus Multiflorus var. fl. pl. (double perennial Sun-flower), double golden yellow; flowers three inches in diameter, profusely produced; very beautiful	5	Aug-Nov.	.15	Yucca Filamentosa (Spanish Bayonet), immense candelabra-like heads of drooping, bell-shaped, creamy white flowers; elegant	5	July	.35
Heliopsis Pitcheriana. Golden yellow flowers in broad open heads, blooming for a long season	6	July-Oct.	.25				
Hemerocallis Flava (Yellow Day-lily), bright yellow; fragrant.	2	July	.25				
Hibiscus Crimson Eye, immense creamy white flowers with crimson eye	4	Aug-Oct.	.30				
Helenium Hoopesii, large clusters of rich golden-yellow	3	June	.25				

See Special Offers on third page of cover.

**HOLLYHOCKS.—Breck's Silver Medal Strain.**

This strain has been awarded a silver medal by the Massachusetts Horticultural Society, and always obtained the first prize wherever exhibited. No other collection can approach this in variety of shades of color, length of spikes, profusion and texture of flowers and foliage.

We offer a fine lot of strong, healthy plants, in all shades of white, carmine, dark maroon, salmon, apple-blossom, light and dark crimson, rose, yellow, purple and variegated. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

**RUDBECKIA. (Cone Flower)**

Handsome border plants of easiest culture. They produce a wealth of showy flowers suitable for cutting.

**R. Laciniata. Var. Golden Glow.** 6 ft. Aug., Oct. Forms a self-supporting bush, with deeply cut, bright green foliage. The flowers, which are produced in the greatest profusion, are three inches or more in diameter, very double, and rich golden yellow color. 25 cts. each; \$2.50 per doz.

**R. Maxima.** 6 ft. June, Aug. Flowers 5 inches across, with tall cone-like centres and drooping, yellow rays. 25 cts. each; \$2.50 per doz.

**CLEMATIS.**

Elegant, hardy free-flowering climbers.

**Paniculata.** The beautiful autumn flowering, hardy, fragrant white Clematis, now so popular. Plants 25 cts. to \$1.00 each; \$3.00 to \$10.00 per doz.

**Miss Bateman.** White; chocolate-red anthers. 50 cts. to \$1.00 each.

**Flammula.** (European Sweet Clematis.) Flowers small, white and very fragrant. 25 cts. each.

**Henryii.** Immense, single, purest white flowers. 75 cts. each.

**Jackmannii.** Large, intense violet-purple flowers. 50 to 75 cts. each.

—**Alba.** Like preceding, except in color, which is pure white. 50 to 75 cts. each.

**Lawsoniana.** Large, rosy-purple, darker veins, 75 cts.

**Mad. Edouard Andre.** Bright crimson. \$1.00 each.

**Virginiana.** (Amer. White Clematis.) A profusion of white flowers in August. 15 cts. each.

**HARDY CLIMBING PLANTS.**

**Actinidia Polygama.** A strong, clean vine from Japan. 50 cts. each.

**Akebia Quinata.** Of rapid growth, with shining foliage and bluish clusters of fragrant flowers. 35 cts.

**Ampelopsis Englemanni.** A variety of the Virginia Creeper, with bright foliage; fine color in the autumn; the tendrils enable it to support itself like *A. Veitchii*. 25 and 35 cts.

**Ampelopsis Quinquefolia.** (*Virginia Creeper*.) Well-known climber; very vigorous. 25 cts. each.

**Ampelopsis Veitchii.** (*Boston Ivy, Japanese Ivy*.) Well-known particularly around Boston. It grows rapidly and clings to a wall or fence with the tenacity of Ivy; the foliage is handsome in the summer, and changes to a crimson-scarlet in autumn. For the ornamentation of brick or stone structures, most recommended. 25 cts. each; \$2.50 per doz.



Hall's Honeysuckle.

It can be especially recommended. 25 cts. each; \$2.50 per doz.

**Bignonia Radicans.** (*Trumpet Vine*.) A quick-growing vine, bearing large scarlet flowers, very brilliant. 35 cts. each.

**Celastrus Scandens.** (*Roxbury Wax Work*.) A vigorous vine with conspicuous orange-scarlet berries in autumn. 35 cts. each.

**Euonymus Radicans. Var. Variegata.** Retains its glossy green and bright foliage through the winter; nice plants 35 cts.

**Honeysuckle. Hall's Japan.** Abundant, vigorous foliage retained until early winter, flower white and yellow, fragrant. 25 cts.

**Honeysuckle, Scarlet.** Strong, rapid grower, bright scarlet. 25 cts.

**Honeysuckle, Belgica.** Dutch monthly, very sweet scented, red and buff. 35 cts.

**Silk Vine.** A rapid growing vine, will make 30 to 40 feet in a season, 35 cts.

**Wistaria Chinensis.** One of the most elegant and rapid growing of all climbing plants, bearing long pendulous clusters of pale blue flowers in May and June. 50 cts.

**Wistaria Chinensis Alba.** White, otherwise similar to preceding.



Wistaria.

**RHODODENDRONS.**

We draw our supply of Rhododendrons from what we believe to be the finest stock in the world. All the plants, even the smallest sizes, are symmetrical in form, well furnished, and have good fibrous roots that make transplanting comparatively safe.

**R. Catawbiense.** 8 ft., June. This is one of the types from which the hardy named varieties originated. It forms a broad, dense bush with handsome, deep-green, evergreen foliage, and bears at the extremity of each branchlet immense heads of clear lilac, spotted purple flowers. 1 ft., 75 cts. each; \$9.00 per doz.; stronger plants, \$1.00 to \$2.50 each.

**R. Catawbiense Seedlings.** Unnamed varieties, combining a great range of color, and almost as desirable as named sorts. 1 to 2 ft., \$1.00; 2 to 3 ft., \$2.50.

**R. Maximum.** 10 ft., July. A hardy native. The foliage is the largest and most effective of all hardy kinds. The leaves are of the deepest glossy-green and often 10 inches long. The flowers are borne in immense heads 4 to 6 inches across, white, tinged with pink and yellow. This is of rapid growth, and is the latest flowering of all hardy kinds. Small plants, 75 cts. each; \$9.00 per doz.; larger plants, \$1.00 to \$2.00.

Special Offer No. 3 only applies to Articles on this page.

## NAMED HYBRID RHODODENDRONS.

**Album Grandiflorum.** Blush, changing to white.  
**Atrosanguineum.** Deep blood red.  
**Berty Parsons.** Mauve, with brown eye.  
**Bicolor.** Rose, with white spot on upper petals.  
**Caractacus.** Rich purplish crimson.  
**Chas. Bagley.** Cherry red.  
**Delicatissimum.** Blush white, tinted pink.  
**Everastianum.** Rosy lilac, spotted red; fringed and crisped. The best perfectly hardy Rhododendron.

**Giganteum.** Light rose.  
**H. H. Hunnewell.** Dark, rich crimson.  
**James Bateman.** Clear rosy scarlet.  
**Lee's Purple.** Dark purple.  
**Old Port.** Rich plum.  
**Purpureum Grandiflorum.** Purple.  
**Roseum Elegans.** Rich rose.  
**Roseum Grandiflorum.** Clear rose.

Price: 1 ft., \$1.00 each; 12 to 18 inches, \$1.50 each; 18 to 24 inches, \$2.00 each. Prices on larger plants and per dozen and hundred on application.

## HARDY FLOWERING SHRUBS.

The month after each sort indicates the time of flowering.

**Almond** (*Prunus Jap. Rubra fl. pl.*). Double pink flowers. 50 cts. May.  
**Almond** (*Prunus Jap. Alba fl. pl.*). Double white flowers, beautiful. 50 cts. May.  
**Althæa purpurea plena** (*Rose of Sharon*). *Hibiscus*. 35 and 50 cts. October.  
**Althæa Striata.** Carnation striped. 35 and 50 cts.  
**Althæa.** Double variegated. 35 and 50 cts.  
**Andromeda Racemosa.** White flowers in clusters. 50 cts. May.  
**Azaleas.** Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1.00; large sizes, \$2.00 and \$2.50. June.  
**Azalea Mollis.** A new type, flowering earlier than the *Ghent*, and in color and form approaching the Indian varieties. 75 cts. to \$1.00.  
**Barberry** (*Berberis Thunbergii*). A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. 50 cts. each. June.  
**Catalpa Aurea.** Golden foliage. 50 cts.  
**Calycanthus Floridus.** Strawberry tree or sweet-scented shrub, dark flowers. 50 cts. June to Sept.  
**Chionanthus Virginicus.** (*Fringe Tree*). White. 50 cts. June.  
**Cornus Florida.** (Dogwood.) White. 50 cts. May.  
 —*Rubra.* (Rose.) 50 cts. May.  
 —*Sanguinea.* (Red Osier.) Bark deep red. 35 cts.  
 —*Elegantissima.* Variegated foliage. The leaves are marked with silvery white. 50 cts.  
**Corchorus Japonica** (*Kerria*). A small shrub with bright green leaves and clear yellow flowers. 25 and 50 cts. June and July.  
**Daphne Cneorum.** A low growing evergreen, produces panicles of bright pink flowers. 50 cts. May and August.  
**Desmodium Penduliflorum.** (Sweet Pea Shrub). Red and violet pea-shaped flowers. 50 cts. Autumn.  
**Deutzia Gracilis.** Compact, filled with starry white flowers. 35 and 50 cents. June.  
**Deutzia Crenata fl. pl.** Flowers double white, tinged with rose. 35 and 50 cents. June.  
**Deutzia C. fl. Alba pl.** With very double pure white flowers. 35 and 50 cents. June.  
**Elder, Golden.** Very effective for its bright yellow foliage. 15 and 35 cents.  
**Eleagnus Longipes.** A new fruit-bearing ornamental shrub from Japan. A decided novelty. 75 cents. July.  
**Euonymus Atropurpureus** (Burning Bush.) Purple. 50 cents. June.  
**Exochorda Grandiflora.** A choice shrub of strong, upright growth, producing a profusion of large, snowy-white flowers in June. 50 and 75 cents. May.  
**Forsythia Suspensa.** Trained as a standard, it becomes one of the most beautiful weeping shrubs, covered with bright golden yellow blossoms, early in summer. Dwarfs, 35 and 50 cents. April.  
**Hydrangea, Paniculata Grandiflora.** Flowers white in great pyramidal panicles, about a foot long. 50 cents, 75 cents and \$1.00. August to October.  
**Kalmia Latifolia.** A choice native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers. \$1.00 to \$1.50. June.  
**Lilac** (*Syringa*). Bluish purple flowers. 35 and 50 cents. May.  
**Lilac** (*S. Alba*). Pure white. 50 cents. May.  
**Lonicera Tartarica** (Bush Honeysuckle). Pink, sweet-scented. 35 cents. May.  
**Mock Orange or Syringa** (*Philadelphus*). Of compact habit, with creamy white flowers, deliciously fragrant. 35 and 50 cents. June.  
**Mahonia Aquifolia.** A handsome shrub with shining prickly leaves, and showy, bright yellow flowers in May, followed by large clusters of purple berries. 35 cents. May.  
**Pyrus Japonica** (*Cydonia*). Japan Quince, flowers bright scarlet, very showy. 25 and 50 cents. May.  
**Rhus Cotinus.** The well-known smoke bush. 3 ft., 50 cents; 5 ft., \$1.00. June.  
**Snowball** (*Viburnum Plicatum*). A great improvement on the old-fashioned sort, with dark green foliage, and superb trusses of white flowers in midsummer. 50 and 75 cents. June.  
**Spiræa Aurea.** Frequent pinching produces a deep golden yellow color. 35 and 50 cts.  
**Spiræa Thunbergii.** Dwarf, flowers early, very pretty. 35 and 50 cents. April to May.  
**Spiræa Van Houtti.** The most profuse flowering of all the Spiræas, the bush being a mass of white bloom. 35 and 50 cents. June.  
**Weigelia Rosea.** Well known, very free flowering. 35 and 50 cents. May to June.  
**Weigelia Variegata.** Fine variegated foliage, rosy-pink flowers. 50 cents. June.

Special Offer No. 3 only applies to Articles on this page.



**EVERGREENS.**

- Arbor Vitæ** (*Thuja occidentalis*). Common American form. 2 to 3 ft., 25 cents; 3 to 4 ft., 50 cents.
- Fir Balsam** (*Abies balsamea*). Erect, regular pyramidal tree, rapid grower, very hardy. 50 cents to \$1.00.
- Fir, Douglas**. Hardy, and very ornamental. 3 to 4 ft., \$1.00 each.
- Fir, Nordmann's**. Dark, rich green foliage, silvery underneath. 1½ ft., \$1.50 each; 3 ft., \$5.00 each.
- Juniper Virginiana** (*Red Cedar*). Native variety. 3 ft., 50 cts; 5 ft., \$1.00.
- Pine Swiss Stone**. (*P. Cembra*). Short needles, compact growth, very attractive. 2 ft., \$1.00; 3 to 4 ft., \$2.50.
- Pine, Austrian**. Stout growth, long needles, perfectly hardy in bleakest exposure. 1 foot, 25 cents; 3 feet, 75 cents each.
- Pine, White** (*P. Strobus*). The most ornamental of all our native pines. 2 feet, 50 cents; 5 to 6 feet, \$1.00 each.
- Retinospora Plumosa**. Very hardy, with plume-like foliage. 3 ft., 50 cents; 4 to 5 ft., \$1.00.
- Retinospora Plumosa var. Aurea**. Of bright golden color. 3 ft., \$1.00.
- Spruce, White** (*Picea Alba*). Very hardy native tree. 2 feet, 50 cents; 3 feet, \$1.00.
- Spruce, Colorado, Blue** (*P. Pungens*). Perfectly hardy, pyramidal in shape, foliage dark steel-blue color. 1 to 2 ft., \$1.50; 2 to 3 ft., \$5.00
- Spruce, Norway** (*Abies Excelsa*). An elegant tree, hardy, lofty, rapid growth, and pyramidal form. 2 feet, 50 cents; 5 feet, \$1.00.
- Spruce, Hemlock** (*Abies Canadensis*). Of good shape and habit. 3 feet, 75 cents; 5 feet, \$1.50.



Blue Spruce (*Picea Pungens*.)

**SHADE AND ORNAMENTAL TREES.**



Catalpa Speciosa.

- Apple, Japan Crab** (*Malus Hallelana*). Also sold under the name of Parkman's Crab, a beautiful variety producing long, pink flower-buds, quite conspicuous. 50 cents and \$1.00.
- Ash, American White** (*Fraxinus Alba*). A large, noble tree. 10 feet, 75 cents; 12 feet, \$1.00.
- Ash, Weeping** (*F. Pendula*). A beautiful tree of irregular form. 6-7 feet, \$1.00.
- Ash, Mountain** (*Sorbus Americana*). Very ornamental, bearing large clusters of shining red berries. 6 to 7 feet, 50 cents; 10 feet, \$1.00.
- Beech, American** (*Fagus Ferruginea*). Compact form, with rich, glossy, attractive foliage. 3 to 5 feet, 50 cents; 5 to 7 feet, \$1.00.
- Beech, Rivers Purple** (*F. Atropurpurea*). The finest of all purple-leaved trees, beautiful as single specimens. 4 to 5 feet, \$1.50.
- Beech, Cut Leaved** (*F. incisa*). Distinct and fine. 3 to 4 feet, \$1.00.
- Beech, Weeping** (*F. Pendula*). A remarkable picturesque tree of curious growth. 3 to 5 feet, \$1.50
- Birch, European White** (*Betula Alba*). A graceful tree with silvery bark, slender branches, and elegant drooping habit. 4 to 5 feet, 50 cents; 7 to 8 feet, 75 cents.
- Birch, Canoe** (*B. papyracea*). A native variety which attains great size. 5 feet, 75 cents; 8 feet, \$1.00
- Birch, Cut Leaved, Weeping** (*B. Pendula laciniata*). One of the most popular weeping trees, most beautiful as specimens on the lawn. 5 to 6 feet, \$1.00; 8 to 10 feet specimens, \$2.00.
- Catalpa Speciosa**. A Western type, very desirable, being more hardy and finer in bloom than the common variety. 6 to 7 feet, 75 cents.
- Hawthorn, Paul's Scarlet** (*C. coccinea fl. pl. Paulii*). Flowers bright carmine, red, makes a striking contrast when planted with the white, 5-6 feet, \$1.50.
- Laburnum Golden** (*Cytissus*). A small tree producing freely long clusters of the brightest golden-yellow blossoms, of sweet-pea size and shape. 4 feet, 50 cents; 5-6 feet, 1.00.
- Larch, European** (*Larix Europaea*). An elegant, rapid-growing, pyramidal tree. 4-6 feet, 75 cents.
- Linden, American or Basswood** (*Tilia Americana*). A beautiful, rapid-growing, native tree with large leaves and fragrant flowers. 8 feet, 75 cents; 10 feet, \$1.00
- Chestnut, American** (*Castanea Americana*). A tree of stately growth. 4 to 5 ft., 50 cents; 8 ft., \$1.00.
- Chestnut, Horse** (*Esculus Hippocastrum*). Strong habit, magnificent foliage, and fine spikes of flowers in May and June. 4 to 5 feet, \$1.00; 6 feet, \$1.50.
- Elm, American**. (*Ulmus Americana*.) The noble spreading and drooping tree of our own forests. 10-12 feet, \$1.00; 12-14 feet, \$1.50.
- Elm, English**. (*U. Campestris*) An erect, lofty tree of rapid, compact growth. 8-10 feet, \$1.00
- Hawthorn, Double White** (*Crataegus Alba fl. pl.*). Ornamental flowers and foliage. 6 feet. \$1.50.

Special Offer No. 3 applies to Articles on this page.

## SHADE AND ORNAMENTAL TREES, Continued.

- Linden European** (*T. Europæa*). Pyramidal tree of larger size. 7-8 feet, 75 cents; 8-10 feet, \$1.00.
- Maple, Cut-Leaved Weeping** (*Acer Wierii Laciniatum*). A weeping silver-leaved variety with deeply cut foliage. 8 feet, \$1.00.
- Maple, Japan** (*Atosanguineum Purpureum*). This is the richest crimson and the most brilliant, vigorous, and the best type of the Japanese varieties. \$2.00 each.
- Maple, White or Silver-Leaved**, (*A. Dasycarpum*). A native variety of rapid growth, very beautiful, 8-10 feet, 75 cents; 10-12 feet, \$1.00.
- Maple, Norway** (*A. Plantanoides*). Of sprawling habit, foliage dark green. 7-8 feet, 50 cents; 8-10 feet, 75 cents.
- Maple, Sugar**. (*Acer Saccharinum*.) One of the best street trees. 6-8 feet, 50 cents, 10-12 feet, \$1.00.
- Magnolia Acuminata** (*Cucumber M.*) Of pyramidal growth, flowers yellow, tinted with bluish purple. Fine specimens. 5-6 feet, 75 cents.
- Magnolia Conspicua**. (*Chinese White*.) A variety of great beauty; the flowers are large, pure white, and appear before the leaves. 2-3 feet, \$1.75.
- Magnolia Soulangiana**. Flowers white and purple, cup-shaped; foliage large and glossy. Fine specimens. 2-3 feet, \$1.50; 3-4, \$2.50; 5-6, \$5.00
- Mulberry, Downing's Everbearing** (*Morus*). A rapid growing tree which bears nice fruit. 4-5 feet, 50 cents.

- Mulberry, Teas Weeping**. Absolutely hardy and free from disease, very vigorous in growth. 2 years old, \$1.50.
- Oak, White** (*Quercus Alba*). One of the finest of American trees, of large size and spreading branches. \$1.00.
- Oak, Red**, (*Q. rubra*), A native species of rapid growth. \$1.00 each.
- Poplar, Bolleana** (*Populus*). Pyramidal growth. 8-10 feet, \$1.00.
- Poplar Lombard** (*P fastigiata*). Well known and remarkable for its erect rapid growth. 6-8 feet, 50 cents; 8-10 feet, 75 cents.
- Prunus, Pissardi**. One of the best novelties of late years. The wood and leaves are dark purple throughout the entire season. 4-5 feet, 75 cents; 8-10 feet, \$1.50.
- Syringa Japonica** (*Giant tree lilac*). It makes a stout tree with large rich foliage, and throws up well above the leaves large clusters of white flowers about a foot long. 2-3 feet, 75 cents.
- Willow, Kilmarnock** (*Salix Caprea Pendula*). An exceedingly graceful tree with glossy foliage and perfect umbrella head. \$1.00.
- Willow, Golden Barked** (*S. aurea*). Rapid grower. Golden bark in winter. Valuable for seashore. 4-5 feet, 50 cents; 6-8 feet, \$1.00.
- Willow, (S. Babylonica)**. Great Weeping Willow. An immense and beautiful tree with bright green foliage and pendant branches. 6-8 feet, 50 cents.

## HEDGE PLANTS.

- Acacia, Three Thorned**. Beautiful foliage, makes a strong and fine fence. \$8.00; 3 years, \$10.00 per 100.
- Arbor Vitæ, American**, Stocky plants. 1½ feet, \$10.00 per 100.
- Barberry**, Common kind, fruit is very conspicuous in the fall and winter. \$8.00 per 100.
- Barberry Purple**. Foliage soft purple, very beautiful. 1 foot \$10.00; 2 feet, \$15.00 per 100.
- Buckthorn**. Makes a hardy and strong fence. 2 years, \$8.00; 4 years, \$15.00 per 100.

- California Privet**. Of rapid growth, very hardy. \$10.00 per 100.
- English Privet**, Hardy and very desirable. \$10.00 per 100.
- Lilacs**, The common purple. 2-3 feet, \$10.00 per 100.
- Lilacs**, Chinese White. \$15.00 per 100.
- Spruce, Norway**, Unsurpassed for windbreaks or screens. Small plants, \$10.00; 2 feet, \$15.00 per 100.
- Spruce, White**, Rapid grower. Small plants \$10.00; 2 feet, \$15.00 per 100.

## FRUIT TREES.

## PEACHES.

## EXTRA EARLY.

- Amsden**. July; greenish white and red, sweet, melting.
- Alexander**. July; medium, melting, juicy.
- Alberta**. Late July; flesh yellow. Very juicy.

## EARLY.

- Large Early York**. August; large, handsome, white, and red, juicy.
- Coolidge's Favorite**. August; medium, juicy, rich, freestone.
- Mountain Ro-e**. September; large, white and red, melting, good.

- Crawford's Early**. September; large, yellow, juicy, freestone.
- Foster**. September; similar to preceding, but of better quality.
- Old Mixon**. September; large, white and red, juicy and rich.

## LATE.

- Crawford's Late**. Very large, juicy, good, freestone.
- Late Rare Ripe**. September; large, white, very good.
- Stump the World**. September; medium, red and white, good.

Price, 4 to 6 feet, 25 cents; large size, 50 cents.

## CHERRIES.

- Coe's Transparent**. June; medium, pale amber and red.
- Black Tartarian**. June; large, purplish black.
- Black Eagle**. July; large, tender, rich, juicy.
- Downer's Red**. July; light red, tender and juicy.

- May Duke**. June; large, dark red, tender sub-acid.
- Black Heart**. July; medium, black, fine flavor.
- Late Duke**. July; large, dark red, sub-acid.

Price 75 cents and \$1.00 each.

## PLUMS.

- Coe's Golden**. September; large, light yellow, firm, rich and sweet.
- Green Gage**. September; large, greenish yellow, very fine.
- Imperial Gage**. August; large, greenish, juicy and rich.

- Jefferson**. August; large, yellow and red, high flavor.
- Lombard**. September; medium, violet, red, juicy.
- Washington**. August; large and fine.

Price 75 cents and \$1.00 each.

Special Offer No. 3, only applies to Shrubs on this page.

**JAPANESE PLUMS.**

Extremely prolific, very hardy, early fruiting.

**Abundance.** Early. Fruit amber turning to cherry, flesh yellow, juicy, tender and sweet.  
**Burbank.** September; bright red, flesh yellow and sweet.

**Satsuma.** September; purplish red, flesh dark red, juicy and of fine quality.  
*Price 75 cents and \$1.00 each.*

**APPLES.**

We can furnish all varieties usually catalogued, but the following list comprises the most desirable sorts.

**SUMMER.**

**Astrachan,** large, crimson, very early.  
**Early Harvest,** pale yellow, excellent, early.  
**Sweet Bough,** large, pale yellow.  
**Williams,** dark red, mild flavor.

**AUTUMN.**

**Walter Pease,** larger, better flavored more productive, and longer keeper than the *Gravenstein*. Highest quality, \$1.00 each.  
**Gravenstein,** large yellow, striped red.  
**Fameuse** (Snow apple), crimson, flesh white, excellent.  
**Porter,** medium, bright yellow, good.  
**Pippin,** fall, yellowish-green, very fine.

**WINTER.**

**Baldwin,** large, dark red, productive, medium.  
**Hunt's Russet,** late yellow, good flavor.  
**Hubbardston,** large, yellow, splashed red, early.  
**King,** large, striped red, excellent.  
**Lady,** small, yellow and red, good.  
**Northern Spy,** large, striped red, good keeper.  
**Rhode Island Greening,** large, yellowish-green medium.  
**Roxbury Russet,** extra quality, largest of the russets.  
**Tolman's Sweet,** medium, light yellow, excellent  
**Jacob's Sweet,** best late-keeping sweet apple. splendid quality.  
*Prices 35, 50 and 75 cents according to size, except as noted. A few sorts in bearing size 1.00 and upwards.*

**CRAB-APPLES.**

**Hyslop.** October to January; deep crimson.  
**Red Siberian.** September to October; small, red.

**Whitney,** Aug., Sept.; striped, red and yellow.  
*Price 35 cts., 50 cts. and 75 cts., according to size.*

**PEARS.**

We can supply all varieties. Following are the leading kinds.

**SUMMER.**

**Clapp.** Very productive; large, juicy and rich.  
**Bartlett.** Large, clear, yellow, juicy; late.  
**Giffard.** Medium; greenish yellow, juicy, good.  
**Wilder.** Ripens beginning Aug., of superior quality. \$1.00.

**AUTUMN.**

**Beurre Hardy.** October; large, greenish russet.  
**Belle Lucrative.** September; yellowish green, juicy, melting.  
**Bosc.** October; large, russet, buttery, rich.  
**Buffum.** September; very prolific, good for preserving.  
**Duchesse d'Angouleme.** October; very large, greenish, good.  
**Louise Bonne.** October; large, pale yellowish and red, juicy.  
**Seckel.** September; small, dull brown, red cheeked, sweet.  
**Sheldon.** November; large, russet brown, very juicy.  
**Vermont Beauty.** October; yellow with carmine cheek, rich, juicy and best quality. \$1.00.

**WINTER.**

**Anjou.** November—January; large, greenish yellow, red cheek, rich.  
**Dana's Hovey.** November; small, rusty yellow, rich, juicy.  
**Lawrence.** January; medium, pale yellow, sweet.  
**Nellis.** January; medium, of excellent quality.  
**Vicar.** December; very large, yellowish green; cooking.  
*Price (except as noted) : Standards, 5-7 ft., 75 cts.; bearing trees of a few varieties, \$2.00, upwards.*

**QUINCES.**

**Orange or Apple.** Large, roundish, bright yellow, productive.  
**Rea's Mammoth.** A fine variety; golden yellow.

**Champion.** Vigorous and productive.  
**Meech.** Comparatively new; quality unsurpassed.  
*Price, 50 cts., 75 cts. and \$1.00 each.*

**APRICOTS.**

We offer six varieties that are perfectly hardy in New England. Price, 3-4 ft., 50 cts. each; set, six varieties, \$2.50.

Special Offer No. 3 only applies to articles on this page.



# SMALL FRUITS.

## GOOSEBERRIES.

	Each.	Per doz.		Each.	Per doz.
Smith's Improved, large, light green	\$0.20	\$1.50	Houghton's, pale red, tender and sweet	\$0.20	\$1.50
Industry, very large, dark cherry red	.20	2.00	Downing	.20	1.50

## RASPBERRIES.

	Per doz.	100		Per doz.	100
Cuthbert, red, firm and superior quality	\$1.00	\$5.00	Caroline, best yellow variety	\$1.00	\$5.00
Gregg, largest and best black cap	1.00	5.00	Souhegan, earliest black, very productive	1.00	5.00
Loudon, early crimson, fine quality	1.00	5.00			

## HARDY GRAPES.



We can supply all the really valuable sorts; the following varieties we can recommend for general culture.

- Brighton, September, red, sweet, excellent.
- Concord, well known, very popular.
- Delaware, September; small, unsurpassed quality.
- Green Mountain, extra early, productive. \$1.00.
- Hayes, white, sweet, juicy, good.
- Moore's Early, large, black, earlier than *Concord*.
- Moore's Diamond, large, white, very productive, very good. \$1.00.
- Moyer, a new red variety from Canada, a cross between the Delaware and some native sort, juicy and sweet, hardy and productive plants; 1 year old, 50 cts.
- Niagara, large, white, melting, sweet, 50 cts.
- Pocklington, pale, yellowish green, very sweet, 50 cts.
- Vergennes, large, dark red, sweet, juicy.
- Worden, black, very productive, good flavor.

Price (except when noted) 1 year vines, 35 cts.; 2 years old, for 50 cts.

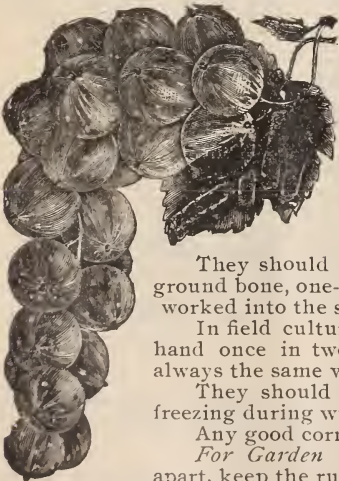
## BLACKBERRIES.

	Per doz.	100		Per doz.	100
Early Harvest, extra early productive	\$1.00	\$5.00	Wachusett, hardy, good size and qual.	\$1.00	\$5.00
Dorchester, very early, rich and sweet	1.00	6.00	Lucretia Dewberry, a trailing variety		
Snyder, best quality very sweet	1.00	6.00	of immense size, sweet and luscious	1.00	5.00

## CURRANTS.

	Per doz.	100		Per doz.	100
Cherry, large, red, juicy and acid	\$1.00	\$5.00	White Dutch, the least acid kind	\$1.00	\$7.00
Fay, like cherry, but more prolific	.20	2.00	White Grape, a fine variety	1.00	7.00
La Versailles, very large, red	1.00	7.00	Crandall, an improved sort, fruit very large, 25 cts.		
Red Dutch, a well-known variety	1.00	7.00	each; \$2.50 per doz.		

## STRAWBERRIES.



We consider the following the best system for cultivating the strawberry.

Set your plants about one foot apart in the rows, and the rows three feet apart (it will take about fifteen thousand plants per acre at this distance), and allow them to make runners to fill up a space of about twelve to fourteen inches wide; that would give you a space about twenty-two inches wide for a path.

It is claimed that one can get much more fruit off the same ground grown in these narrow rows than by allowing them to run all over the ground and the fruit is of better quality.

They should have from fifteen to twenty cords stable manure per acre, or one ton of ground bone, one-half ton muriate of potash, and four hundred pounds nitrate of soda to be worked into the soil.

In field culture they should be worked once a week with cultivator, and gone over by hand once in two weeks; care should be taken, after runners start to work cultivator always the same way, to prevent breaking runners.

They should be mulched in fall after ground is frozen to protect from thawing and freezing during winter, and part of the mulch should remain during fruiting season.

Any good corn land will raise strawberries if properly fertilized.

For Garden Culture, set plants one foot apart in the row, and the rows two feet apart, keep the runners cut off, and otherwise carry out the instructions given above.

The varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties, planted say every ten feet among them. Those marked "S" are staminate or self fertilizing varieties.

- Belmont (S). A late, dark crimson sort, quality fine.
- Bubach No. 5. (P). Prolific and of good quality. Light scarlet, late.
- Brandywine (S). Hardy, very prolific, good quality. Medium.
- Clyde (S). Fine, medium early; bright scarlet berries. Per doz., 25 cts.; per 100, \$1.00.
- Enormous (P). Large, late, crimson variety.
- Gandy (S). Large, late, crimson; two weeks after *Belmont*.
- Glen Mary (S). A new desirable main crop sort. Per doz., 35 cts.; per 100, \$2.00.
- Leader (S). Large, bright crimson berries, early and continuous.
- Marshall (S). Very large, dark crimson, fine flavor, late.
- Rio (S). A large, early, crimson colored, productive sort of good quality.
- Sample (S). Large, very fine quality. \$3.50 per 100.

25 cts. per doz.; 75 cts. per 100, except as noted. Pot grown plants, ready in August, \$2.50 per 100.

Special Offer No. 3 only applies to articles on this page.

PLEASE READ THIS BEFORE MAKING UP YOUR ORDERS.

# SPECIAL OFFERS.

Carriage Paid or 10 Per Cent. Discount Allowed.

We make the following offers on all orders made up from our ANNUAL CATALOGUE FOR 1899, at the net cash prices therein stated (except as noted), SENT US BY MAIL OR EXPRESS, ACCOMPANIED BY CASH

OFFER No. 1.

We will send GOODS PREPAID by Mail, Express, or Freight, as we may deem advisable, TO ANY CITY OR TOWN IN NEW ENGLAND.

OFFER No. 2.

We DELIVER ALL MAILABLE goods (except those marked net), including Vegetable and Flower Seeds quoted, by packet, ounce, pound, pint or quart; also Bulbs (except Caladiums), to any POST-OFFICE in the United States.

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That "Special Offers Nos. 2 and 3" are especially advantageous to PARTIES LIVING OUTSIDE of New England; when goods are not available, in a majority of cases the 10 per cent. discount will offset transportation charges.

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We offer such extraordinary inducements for orders sent us by mail or express, accompanied by cash, because we can execute them in the quiet of our mail order department with promptness, dispatch, and with goods of the highest excellence, and increase the volume of our business without impairing the efficiency of its service.

BAGS.—Persons remitting with their orders should include a sufficient sum to cover cost of bags necessary to contain purchase. Prices are: 1 and 2 bushels, 15 cents; 1-2 bushel, 12 cents; 1-4 bushel, 8 cents; 1-8 bushel, 6 cents. The amount charged will be refunded if bags are returned in good condition free of expense to us, within one month from date of purchase.

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