Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
BRECK'S

- 85 STATE STREET • BOSTON • & • LEXINGTON • MASSACHUSETTS •

1931

Everything for Farm
Garden & Lawn
Breck’s Radio Garden Talks

Garden lovers, during the coming twelve months, will once again have the opportunity of “listening in” on a weekly broadcast of gardening advice and help which we will continue to sponsor throughout the year. The broadcast of gardening advice will continue to be heard each Sunday Evening at 7:30 P.M. from Station WEEI in Boston. Join Breck’s Radio Garden Club! To do so, just tune in at 7:30 P.M. each Sunday Evening and remember “Breck’s Seeds are Tested.”

Employment Registry

As a service to our many customers we maintain a Registry which supplies Superintendents, Gardeners, General Farm and Garden Help, Dairymen, Poultrymen, and Greenskeepers. We always have in our files names of reliable men who are seeking positions. Many of these men are personally known to our representatives and we are pleased to recommend them. This service is free of any obligation or charge to either party.

INDEX

TO THE MAIN DIVISIONS OF THIS CATALOGUE

<table>
<thead>
<tr>
<th>Detailed Index Pages 191 and 192</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Grass Seed Mixtures .......... II-III</td>
</tr>
<tr>
<td>Unusual and Rare Plants, Roses and Shrubse .......... IV-VII</td>
</tr>
<tr>
<td>Herbaceous Plant Novelties .......... VIII-1</td>
</tr>
<tr>
<td>New and Rare Rock Plants .......... 2-5</td>
</tr>
<tr>
<td>Flower Seed Specialties and Novelties .......... 6-10</td>
</tr>
<tr>
<td>Annual Flower Seeds .......... 11-37</td>
</tr>
<tr>
<td>Perennial Flower Seeds .......... 38-49</td>
</tr>
<tr>
<td>Flower Seeds for Greenhouse Culture .......... 50-52</td>
</tr>
<tr>
<td>Vegetable Seed Specialties .......... 53-55</td>
</tr>
<tr>
<td>Vegetable Seeds .......... 56-82</td>
</tr>
<tr>
<td>Vegetable Plants and Roots .......... 83</td>
</tr>
<tr>
<td>Lawn Grass Mixtures, etc. .......... 84-85</td>
</tr>
<tr>
<td>Agricultural Grasses and Grains .......... 86-90</td>
</tr>
<tr>
<td>Gladiolus .......... 91-94</td>
</tr>
<tr>
<td>Flowering Bulbs and Roots .......... 95-96</td>
</tr>
<tr>
<td>Lilies .......... 97-98</td>
</tr>
<tr>
<td>Dahlias .......... 99-102</td>
</tr>
<tr>
<td>Evergreens and Evergreen Shrubs .......... 103-109</td>
</tr>
<tr>
<td>Deciduous Trees .......... 110-114</td>
</tr>
<tr>
<td>Flowering Shrubs .......... 115-121</td>
</tr>
<tr>
<td>Vines—Hedges—Collections .......... 122-125</td>
</tr>
<tr>
<td>Roses .......... 126-133</td>
</tr>
<tr>
<td>Hardy Perennial Plants .......... 134-150</td>
</tr>
<tr>
<td>Annual Bedding Plants .......... 151-153</td>
</tr>
<tr>
<td>Fruits .......... 154-157</td>
</tr>
<tr>
<td>Fertilizers and Chemicals .......... 158-160</td>
</tr>
<tr>
<td>Insecticides and Fungicides .......... 161-164</td>
</tr>
<tr>
<td>Spraying Calendar .......... 165</td>
</tr>
<tr>
<td>Books .......... 166</td>
</tr>
<tr>
<td>Horticultural Sundries .......... 167-174</td>
</tr>
<tr>
<td>Implements and Tools .......... 175-187</td>
</tr>
<tr>
<td>Fencing .......... 188-190</td>
</tr>
<tr>
<td>General Index .......... 191-192</td>
</tr>
</tbody>
</table>

Horticultural Exhibits

During the year 1931 Breck exhibits will continue to be seen not only at all of the important Horticultural Shows, held by the Massachusetts Horticultural Society in Boston, but at Shows held annually at Manchester, Mass.; at Newport, R. L., and at other important points. Large attendance at these Shows and a large volume of entries represent the best support that the public can give to these exhibits, and we earnestly solicit your interest in and your support of the Garden Club or Horticultural Society in your vicinity. The Massachusetts Horticultural Society represents the most powerful influence in horticultural matters in New England. Join it! Become a member! Membership costs but $2.00 per year.

Lawn Mower Service

We beg to call to your attention that at 21 Lewis Wharf, Boston, we maintain and operate an up-to-date Service Station for the repairing and sharpening of all kinds of Power and Hand Lawn Mowers. Skilled mechanics, the latest type of machinery and methods, and an extensive Parts Department, combine to make our Service Station the best equipped lawn mower repair shop in New England. We respectfully solicit your patronage.

BRECK’S LANDSCAPE AND GARDEN SERVICE DEPARTMENTS

Correct Landscape Design is the first step in properly developing a piece of land for private pleasure or public satisfaction. Our Landscape and Garden Service Departments have been established to meet the demands of home owners who are looking for expert advice not only in the way of Landscape Design but also relative to the correct planting material to fit individual needs. Our Landscape Department at Lexington can handle capably and at moderate cost any problem of a Landscape or Planting nature regardless of size.

Our Garden Service Department which coordinates its work in every way with that of the larger Landscape Department offers expert advice on any garden problem of moderate size whether it be planning, remodeling, planting, cultivation, or pest control.

The correct laying out of your own home property, followed by proper planting of the trees, shrubs, and plants selected, is something that should be done with the advice and help of those who are properly trained in such matters. On jobs where blue prints are called for, they are charged at moderate rates. Simple sketch plans are free. Both departments charge on an established basis for superintendence of garden development or planting. Our Landscape and Garden Service Departments are always prepared to advise you and help you in any way possible.

FOR GARDEN BOOKS SEE PAGE 166
<table>
<thead>
<tr>
<th>Articles and Varieties Wanted</th>
<th>Amount forward from first page</th>
<th>PRICE</th>
</tr>
</thead>
</table>

**TOTAL AMOUNT OF ORDER**

*(LEAVE THIS SPACE BELOW BLANK)*
Something for Nothing

"Only in rare instances do people receive Something for Nothing."

The House of Breck, since 1818, has never given SOMETHING FOR NOTHING. The theory is not a sound one. Business cannot be conducted on that basis. Fly-by-night concerns do it. For a while they may prosper, but they never last. The principle of giving full value for the price asked; of maintaining a high standard of quality; and of giving the best possible Service—even to the point of giving more than can be reasonably expected—is sound, and it is always what we have tried to do.

Our radio talks, for instance, do not represent SOMETHING FOR NOTHING. They are just a part of our desire to serve our patrons in full measure. When we sell a packet of seeds we take every precaution in the world to have that and all other packets RIGHT. The same applies to an Apple tree, a Rose bush, or to any other thing we ship. Before we put a price on anything we make perfectly sure that a full value is present. When it comes to quality, we maintain it at a high level. We do not care to compete with 5c packages of seed. That is not the kind of seed we want to sell. In cases where we charge 30c for a packet of flower seeds, it is worth 30c, not 25c, and not 40c. The price of 30c is its true value.

Over the air we tell you all we know about when and how and why and what to plant. In our store and at our Nursery we do the same. Our warehouse crews ship promptly for they want you to get your seeds, plants, bulbs, and other garden requisites as soon as possible. All of this Service is not SOMETHING FOR NOTHING. It is a part of the Breck quality merchandise that you pay for. We want our merchandise to be the kind that you come back for time after time because you know that it will be satisfactory. That is our idea of the way to conduct a business. Our reward for this Service is your steady patronage and your good will. We do not give SOMETHING FOR NOTHING; neither do we get it.

BRECK'S SEEDS ARE TESTED!

In the succeeding pages we have marked with a O those varieties which we know from experience possess the all important characteristics of Quality, Productivity, Vitality, and Good Habit of Growth.

JOSEPH BRECK & SONS

Luther A. Breck, President    Harold S. Ross, V.-Pres. & Sec'y    Carlton N. Chandler, Treas.

New England's Leading Seed Store and Agricultural Warehouse.
Retail Store 85 State Street.    Warehouse 15-24 Lewis Wharf, Boston.
(TELEPHONE CONNECTING ALL DEPARTMENTS: Hubbard 1662)
Nurseries—Monroe Station, Lexington, Mass.
(TELEPHONE: Lexington 0260)

We issue other free Catalogues as follows:
Catalogue H Agricultural Implements, Tools, Hardware, Woodware, Poultry Supplies.

Notice: We give no warranty express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, or plants we sell, and will not be in any way responsible for the crop. Joseph Breck & Sons Corporation.
FOR over one hundred years four generations of Brecks have supplied this superb mixture to four generations of exacting lawn builders.

The formula back of Breck's Boston Park Grass Seed calls for just the correct proportions of the choicest standard varieties of grasses, each variety recleaned to the point where chaff and waste matter is reduced to the barest minimum. The component varieties of grass seeds are chosen and proportioned so that a Permanent Lawn is planted when this seed is used. Moreover, the careful blending of grasses in this mixture insures a rich, even, green color which retains its brightness from early Spring until late Autumn.

Boston Park weighs thirty-two pounds to the bushel. For this reason, and because of its high germination, it represents the most economical seed to use. One pound is sufficient to sow four hundred square feet; three bushels to the acre.

<table>
<thead>
<tr>
<th>Per 1 lb. canister</th>
<th>$0.75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per 4 lb. canister</td>
<td>$2.75</td>
</tr>
<tr>
<td>Per peck (8 lbs.)</td>
<td>$5.00</td>
</tr>
<tr>
<td>Per bu. (32 lbs.)</td>
<td>$18.00</td>
</tr>
</tbody>
</table>

Carriage paid to any point in New England when cash accompanies the order.

For Other Special MIXTURES and GRASS SEEDS See Pages 84-90
BRECK'S "VELTURF" LAWN GRASS MIXTURE

THIS superb mixture of Bent and other superior grasses has been blended to meet the insistent demand for a lawn mixture which will produce a velvety turf equal to that of the putting green.

Velturf mixture, if sown in carefully prepared and properly fertilized ground, will positively produce a turf far finer than can be expected from a lawn grass mixture which does not contain such expensive creeping grasses.

The major portion of the mixture consists of Northern Grown Rhode Island Bent, virtually pure Bent. No Clover of any kind is allowed in this blend. A turf of surpassing texture and of a deep, rich, green color may confidently be expected from the sowing of this superb blend of choice creeping grasses.

Per 1 lb. canister ............ $1.50
100 lb. lots and over, in bulk, per lb. 1.40

Carriage paid to any point in New England when cash accompanies the order.

BRECK'S SHADY SPOT LAWN GRASS SEED

NOT all grasses are grown successfully in shady locations. To meet the difficult conditions of shade and semi-shade, this mixture of re-cleaned pasture grasses has been most carefully blended. The mixture contains no clovers whatever. Heavy sowing and light covering are recommended.

Per quart canister ........ $0.50
Per one-half peck .......... 1.25
Per peck .................. 3.25
Per bushel ................ 12.00

Weight 20 lbs. per bushel.

Carriage extra.

THE LAWN By L. S. Dickinson
Ownership of This Book Is Economy
Price $1.35 Postpaid

A "Shady Spot" Lawn
Unusual and Rare Plants

CALIFORNIA SUNBEAM FLOWER

Diplacus Glutinosus

This plant, a native of California, represents one of the finest horticultural “discoveries” for some time. It is of easy culture, entirely free from insect pests and it has a gracefulness of habit and a charm of coloring that instantly arrests attention and compels admiration. The flowers are a soft buff orange, almost apricot. The foliage is dark green and glossy. If pinched back the plant grows to a height of two feet with open branching habit, and it blooms continuously from early Summer until destroyed by frost in the late Autumn. Those who miss having this plant in their gardens this year will deeply regret it. As the demand for it in all probability will far exceed the available stock, orders will be filled in the order they are received. Plants in 3 inch pots 75c each; $7.50 for 12; $50.00 for 100.

Dianthus “Beatrix”

Here is a hardy perennial of rare merit, deserving of a place in every garden large or small. The accompanying illustration admirably shows the dense clustering habit of the individual blooms, which are very double and about one and one-quarter inches in diameter. The plants are of compact growth and extremely hardy. The foliage is dark green and the flowers are very fragrant and of a light salmon pink color. It blossoms in May and June, again in early August, and intermittently thereafter. Plants in 3½ inch pots 50c each; $4.00 for 12; $30.00 for 100.

INTRODUCTORY OFFER

Three plants of each of these two outstanding novelties for $3.00
Six plants of each (12 in all) 5.50
Twelve of each (24 in all) . . . 10.00
MME. GREGOIRE STAECHELIN ROSE

The first Climbing Rose to win the Bagatelle Gold Medal at Bagatelle Gardens, Paris, 1927. A cross between Frau Karl Druschki and Chateau de Clos Vougeot, having the best qualities of both. The pointed buds are crimson, and when opening the outer petals have splashes of crimson, while the flower inside is a beautiful pearl-pink. It is very fragrant, grows from 10 to 12 feet and has large, healthy foliage. It flowers in June and continues for a long season. $2.00 each.

CHAPLIN’S PINK CLIMBER

This wonderful Climbing Rose originated in the same nursery as Paul’s Scarlet, in fact it is a cross between this variety and American Pillar. It is of vigorous growth, perfectly hardy, and the foliage is exceptionally fine, a deep glossy green. The flowers are clear rich pink borne profusely in large trusses. In England this rose has been given the National Rose Society gold medal and other noteworthy awards of merit. Strong plants, $1.50 each.

BRECK’S COMPLETE ROSE GARDEN

This is the first time, we believe, that any such Complete Rose Garden offer has been made. This great value includes 2 Tea Roses, 2 Climbers, 1 Polyantha—all hardy—together with insecticides, a dust sprayer and the latest book on Rose Culture.

FOR ROSES

Use Pono-Green for disease.
Use Ever-Green for insects.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pres. Herbert Hoover</td>
<td>1</td>
<td>$2.00</td>
</tr>
<tr>
<td>Talisman</td>
<td>1</td>
<td>$1.50</td>
</tr>
<tr>
<td>Golden Salmon</td>
<td>1</td>
<td>$1.00</td>
</tr>
<tr>
<td>Mme. Gregoire Staechelin</td>
<td>1</td>
<td>$2.00</td>
</tr>
<tr>
<td>Chaplin’s Pink Climber</td>
<td>1</td>
<td>$1.50</td>
</tr>
<tr>
<td>“How to Grow Roses”</td>
<td>1</td>
<td>$2.00</td>
</tr>
<tr>
<td>Lowell Powder Sprayer</td>
<td>1</td>
<td>$1.00</td>
</tr>
<tr>
<td>Lb. Pomo-Green (for disease control)</td>
<td>1</td>
<td>$0.50</td>
</tr>
<tr>
<td>Bot. Ever-Green (for insect control)</td>
<td>1</td>
<td>$0.35</td>
</tr>
</tbody>
</table>

Total Value: $12.10

SPECIAL OFFER OF ABOVE FOR $10.00

F.O.B. Lexington, Mass.

Special Offer

A $12.10 Value for $10
THE CHRISTMAS ROSE

Helleborus Niger

This lovely little evergreen plant gets its name of Christmas Rose, as it often begins flowering during November and keeps on during the early winter months, although its usual blooming period is during February and March. The flowers are large and pure white, sometimes slightly flushed with purple. An excellent plant for the rock garden. Price each, $1.50; $14.00 for ten.

DELPHINIUM
Finest English Hybrids

The chief distinguishing features of these Delphiniums are: (1) The extraordinary length and tapering spire-like shape of the flower spikes; (2) The statuesque beauty of the plants as a whole; (3) The indescribably rich and varied tints; (4) The very remarkable extension of the flowering period; (5) Their resemblance to Hollyhocks. Price each 50c; $4.00 for ten.

NEW EARLY FLOWERING CHRYSANTHEMUMS
For New England Gardens

These wonderful hardy Chrysanthemums should be a part of every Autumn garden.

BARBARA CUMMING. Large, full flowers of clear yellow. Starts flowering in late August and continues until late October.

GYPSY GIRL. Semi-double, crimson shading to chestnut-crimson. Flowering season late September and early October.

OCTOBER GIRL. Large, semi-double flowers fully 2 inches across. Rose pink on opening shaded with lavender when open. Very prolific.

RUTH HATTON. Clear ivory-white. Will resist light frosts, and usually in full bloom by October 10.

COLLECTION: 3 Plants of each variety (12 plants in all, value $6.00)
For $5.00 F.O.B., Lexington, Mass.
**VIBURNUM CARLESII**

A rare variety from Korea. Its flowers appear very early in the Spring and are two to three inches across. The color is a delicate pink passing to white; very fragrant, reminding one of the Mayflower.

18 inch to 24 inch..........Each $3.00
2 feet to 2½ feet.........Each 4.00
2½ feet to 3 feet.........Each 5.00

---

**BEAUTY BUSH**

*Kolkwitzia Amabilis*

Kolkwitzia Amabilis was the favorite flowering shrub of the late Dr. E. H. Wilson, and it was his opinion that it represented the most outstanding shrub discovery of his life-long search for rare and beautiful plants. It forms a graceful shrub of upright habit, bearing thick masses of flowers similar to Weigelia, but smaller and of a most entrancing delicate shade of pink, the throats of the individual tube-shaped flowers being faintly tinted with orange; perfectly hardy.

- 18-24 inch ............. $2.00 each, $18.00 for ten.
- 2-3 feet .................. 3.00 each, 22.00 for ten.
- 3-4 feet .................. 5.00 each, 45.00 for ten.

The late Dr. E. H. Wilson, Keeper of the Arnold Arboretum, said of this shrub:

"The graceful habit of the plant, its free flowering qualities and pleasing color, combined with perfect hardiness, make this one of the most beautiful as well as most useful shrubs that China has given to the gardens of this country."

---

**CHINESE BUTTERFLY BUSH**

*Buddleia Alternifolia*

This lovely Buddleia is, without doubt, one of the most distinctive and beautiful shrubs of recent introduction. It is especially valuable for planting on sloping or terraced ground. The foliage is gray green, the branches are gracefully arching, the flowers are lavender purple, and quite fragrant. It blooms from midsummer until frost. 2-3 feet. $2.50 each.

---

**SUPER-SHRUB COLLECTION**

We are making a special offer of one each of the three shrubs described above (18-24 inch size) a $7.50 value for $6.00. F.O.B., Lexington, Mass.
DRABA FLADNIZENSIS

Arctic Whitlow Grass

The family of rock plants known as Draba is closely allied to Alyssum and Aubrietia. It is a large and important genus with many charming species peculiarly adapted to the rock garden. The species fladnizensis forms mats of woody stems an inch or two high, thickly clothed with rich, green, narrow foliage covered in spring with a cloud of small white blossoms. This is one of a group of many fine rock plants heretofore almost unknown to American gardens, which will be found listed in the following pages, where we have attempted to assemble a collection of interesting and rare herbaceous plants. Strong plants of Draba fladnizensis, 35c each; $3.00 for 10.

EPIMEDIUM

Barrenwort

The Epimediums represent a group of plants of astonishing and delicate beauty, in respect to both foliage and flowers. The foliage is divided into flat, highly polished leaflets, which feel like thin bits of metal. They thrive in shady or half-shady places, and will endure considerable dryness. 9 inches high. Flowers in the Spring.

E. bicolorum. Charming flowers of rosy brown.
E. macranthum niveum. White flowers with creamy tips.
E. pinnatum elegans. Bright yellow flowers in stiff little spires.

All varieties 50c each; $4.00 for 10.

GERANIUM ibericum platypetalum. A strong bushy plant about 2 feet high with beautiful lilac and blue-violet flowers. June, July. 50c each; $4.00 for ten.

GEUM sibiricum. Its color, orange-red, is not surpassed by any other spring flower. Very showy in the rock garden. 12 to 15 inches. April to June. 35c each; $3.00 for ten.

HELIANTHEMUM (Double Orange Sunrose). A creeping plant with dark foliage for the rock garden. Bright orange; double flowers. 3 to 4 inches. June, July. 35c each; $3.00 for ten.

HEUCHERA. Delightful plants making large tufts of extremely attractive leathery foliage, from which rise slender stems bearing drooping clusters of bell-like flowers of the utmost delicacy and grace. Charming for either border or rock garden. Most varieties bloom in June and July. All varieties 50c each; $4.50 for ten.

Cascade. A strong vigorous plant with pretty light pink flowers.
Edge Ball. Dwarfer and more compact. One of the finest pink varieties with prominent yellow stamens. 1 foot.
Rosamondi. Pleasing coral-pink flowers, 1 foot.
Saturnale. A compact plant with wine-red flowers, darkest of all.

MENZIESIA (Daboecia) polifolia. A tiny heather-like shrub with dark green glossy foliage. Spikes of large, drooping, purple, bell-shaped flowers. 1½ feet. July, October. 50c each; $4.50 for ten.
PHLOX, ARENDSI HYBRIDS

A new group of border Phlox which originated as a hybrid between *P. canadensis* (divaricata) and *P. decussata* (paniculata), that is a cross between the common wild blue Phlox of the North American woods and the handsome August flowering perennial species. They grow about 12 inches high and begin to flower in the early spring and continue until the autumn. They are useful in large rockeries or to make a handsome, low border in the perennial garden where they may be kept in almost continuous bloom by keeping the dead flowers cut off. The beautiful lilac-blue color of *P. canadensis* is carried in varying degrees throughout this new group of hybrids, giving them a distinction of color heretofore unknown in garden Phlox. 75c each; $7.00 for ten.

**Charlotte.** Pale pinkish lilac with purple eye.

**Emmy.** Lilac-blue with dark violet eye.

**Hanna.** Bright rosy pink with a purple sheen.

**Hilda.** White, suffused with soft lilac. Pink eye.

**Louise.** Pale lilac-blue; light crimson eye.

**Marianna.** A large dark bluish-violet.
Enter the Modern Rock-Garden

The rock garden is no longer the conglomerate mass of quarried rocks, soil and ragged plants that it used to be. We have happily passed through that "Stone Age," and today no matter what its size or form the Modern Rock Garden must have natural charm and beauty; it must fit naturally into its surroundings; and it must contain the choicest of the choice in the way of planting material.

To those rock gardeners of the present day who have so successfully brought order out of chaos by blazing the trail in the direction of simpler, more charming and more natural effects in this form of gardening, we therefore dedicate this and the following three pages of rock garden "aristocrats."

A selection of well-known and standard low-growing hardy perennials suitable for the Rock Garden will be found in the perennial plant section on pages 137 to 150. The following list, however, represents the very latest and best in rock plant varieties of recent introduction.

ACHILLEA. Valuable alpines for sunny places. Foliage fern-like and flowers of the composite type in broad, flat heads.
- A. serbica (White Yarrow) (Anthemis Aizoon). A rare variety with silvery evergreen foliage; white daisy-like flowers. 6-8 inches. 35c each; $3.00 for ten.
- A. tomentosa (Woolly Yarrow). Forming a low mat of leaves, bearing flat heads of bright yellow flowers on erect stems. 8-10 inches. 30c each; $2.50 for ten.

AETHIONEMA persicum. Fascinating little rock plant with bluish gray foliage and long slender spikes of rosy pink flowers. Likes a sunny well-drained rock crevice. 9 inches. 30c each; $2.50 for ten.

AJUGA. Leafy ground covers of extraordinary vigor with erect stems topped with spikes of flowers resembling a Mint or Lobelia.
- A. reptans. A very dwarf leafy variety with blue flowers. 4-6 inches. 30c each; $3.00 for ten.
- A. reptans alba. A white flowered variety of the above. 4-6 inches. 35c each; $3.00 for ten.

ANDROSACE. One of the showiest families of rock plants, related in a general way to the Primroses and requiring some shelter from the hot sun, preferably in the crevices of large rocks.
- A. lanuginosa leichtlini (Rock Jasmine). Rosettes of silky foliage with rosy pink flowers. Prefers gritty soil. 6 inches. 50c each; $4.50 for ten.
- A. primuloides. Flowers rosy purple with yellow eye. Trailing habit. Prefers well-drained soil; partial shade. 6-10 inches. 35c each; $3.00 for ten.
- ANEMONE pulsatilla rubra (Pasque Flower). Dwarf habit with large reddish purple flowers before the leaves are well expanded and developing into silky seed vessels of attractive appearance. 9 inches. 30c each; $2.50 for ten.
- ARABIS mollis (Rock Cress). Dwarf, tufted plants with clouds of white flowers. Glossy foliage good during the entire season. 4 inches. 30c each; $2.50 for ten.
- ARENARIA verna caespitosa (Sandwort). Mossy plant, with small white flowers on thread-like stems; creeping habit. 1-3 inches. 30c each; $2.50 for ten.
- ARTEMESIA frigida (Fringed Wormwood). Grows about 8 to 12 inches high; handsome silvery foliage. 30c each; $2.50 for ten.

ASTRAGALIS alpinus. Hardy dwarf growing plant of the broom family. Thrives in full sun. Excellent for rock garden; trailing habit; flowers purple. June to August. 35c each; $3.00 for ten.
- AUBRIETIA deltividea eyri (Rock Cress). One of the most beautiful of aubrietias which are wall and rock plants par excellence, making fine hanging mats and lasting in bloom many weeks; rosy-lilac. 35c each; $3.00 for ten.
**BELLIUM Bellidioeides (Alpine Daisy).** Dainty miniature of Bellis Perennis, making a number of runners forming a wide mat, covered all summer with tiny white daisies. 3-4 inches. 30c each; $2.50 for ten.

**CALAMINTHA Alpina.** Graceful rock plant with rich purple flowers. 6 inches. 30c each; $2.50 for ten.

**CALANDRINIA Umbellata.** Prostrate plant with brilliant crimson, saucer-shaped flowers. Will do well in a sunny hot place. 4-6 inches. 30c each; $2.50 for ten.

**CALLUNA vulgaris nana (Moss Heather).** Small tuft or clump of mossy dark green foliage, like a Liliputian conifer spreading into low mats of delightful charm. 6-8 inches. 75c each; $7.00 for ten.

**CAMPANULA.** One of the largest families of true alpine plants, mostly of easy culture in good soil and full sunshine. They make notable tufts of foliage spangled with starry or bell-shaped flowers over a long period. Particularly valuable for giving color to the rock garden in late summer and autumn.

- **C. garganica.** Forms a low spreading tuft of angular foliage starred by blue flowers with white eyes; flowers on and off throughout the season. 3-4 inches. 35c each; $3.00 for ten.
- **C. muralis.** A vigorous but graceful plant forming a cushion of pale green foliage literally buried in bluish purple bell flowers; trailing habit. 6-9 inches. 30c each; $2.50 for ten.

**CORONILLA cappadocica (Crown Vetch).** A brilliant rock plant; trailing habit. Glaucous leaves with large golden flowers in June and July. 3 inches. 50c each; $2.50 for ten.

**CRUCIANELLA stylosa (Crosswort).** Dwarf plant with pale rose-pink flowers. Very vigorous and spreads rapidly. 5-6 inches. 30c each; $2.50 for ten.

**DIANTHUS.** A large and most important family of perfect rock plants enjoying hot sunshine and dry soil, particularly if they can clamber over the face of a large rock. Flowers are all showy and in some of the finest varieties deliciously fragrant.

- **D. alpinus.** A dainty little plant with tufts of wiry foliage and large deep pink flowers covering the plant. 3-4 inches. 35c each; $3.00 for ten.
- **D. arenarius.** Makes broad grassy mats bearing smallish, fringed, fragrant flowers mostly white with carmine ring. 5-6 inches. 30c each; $2.50 for ten.

**ERYTHRAEA diffusa.** Dwarf growing plants with pink flowers borne in summer over dense little clumps of glistening green leaves. 3 inches. 50c each; $4.50 for ten.

**ERYTHRACIA diffusa.** Dwarf growing plants with pink flowers borne in summer over dense little clumps of glistening green leaves. 3 inches. 30c each; $2.50 for ten.

**ERINUS alpinus roseus (Alpine Liver-Balsam).** Rosettes of leaves. Plants are covered with rosy purple flowers. 4 inches. 35c each; $2.50 for ten.

**ERYSIMUM pulchellum (Fairy Wallflower).** Dwarf plant covered with small sulphur yellow flowers in loose spikes. A good rock plant for sunny position. 30c each; $2.50 for ten.

**EDRIANTHUS Dalmaticus.** Low border or rock plant with blue flowers. Not unlike a Platycodon. 3-4 inches. 50c each; $4.50 for ten.

**Gypsophila cerasioides.** A woolly plant of matlike growth, smothered in large white flowers veined with pink. 3-4 inches. 30c each; $2.50 for ten.
PLANTS FOR THE ROCK GARDEN (Continued)

HELianTHEMUm. Small wiry shrubs with almost ever¬
green foliage, profusely covered with single or double
flowers of exquisite silky texture, resembling tiny roses.
H. Fire Ball. Dazzling double red flowers. Plant grows
about 4 to 5 inches tall. 30c each; $2.50 for ten.
H. Rose Queen. Large single pink flowers. 30c each; $2.50
for ten.

HYPERICUM reptans. Prostrate plant with large soft yel¬
lo flowers. Spreads rapidly. 35c each; $3.00 for ten.

JASIONE perennis (Sheep’s Scabious). Compact habit,
bearing round heads of blue flowers. 6-12 inches. 30c
each; $2.50 for ten.

LAMIUM variegatum. Trailing plants; foliage green with
white midrib. The arched or hooded flowers are rosy
purple. 30c each; $2.50 for ten.

LEOToPODIUM alpinum (Edelweiss). Woolly, cream¬
white star-shaped flowers. 6 in. 40c each; $3.50 for ten.

LINARIA alpina (Toad Flax). Low growing habit, with
bluish green foliage. Flowers blue-violet with yellow
throat. 35c each; $3.00 for ten.

LOTUS corniculata (Bird’s Foot Trefoil). Yellow flowers;
trailing habit; everblooming plant. Silvery-gray foliage.
2-3 inches. 30c each; $2.50 for ten.

MAZUS rugosus. Dwarf trailing plant for crevices in stone
flagging; violet blue flowers. 3 in. 30c each; $2.50 for ten.

NIEREMBERGIA rivularis (Cup Flower). Creamy white
cup-shaped flowers among glossy green foliage. Very
vigorous ground cover for moist places. Most attractive.
3 inches. 30c each; $2.50 for ten.

PAPAVER alpinum. Splendid little Alpine Poppy; foliage
blue gray with fragrant yellow flowers. 30c each; $2.50
for ten.

PHLOX stolonifera (Creeping Phlox). A low creeping plant
producing slender stems crowned with small clusters of
violet flowers. 30c each; $2.50 for ten.

POTENTILLA. We offer here a few species of an enormous
and important alpine family. It is closely related to the
Strawberry, especially in its foliage, which is usually
brushed with silver or with a peculiar metallic luster.
Flowers are of various colors in the different species,
but all have the general shape of the Strawberry blos¬
som, and may be single or double.
P. pyrenaica (Pyrenees Cinquefoil). A very fine rock plant
with yellow flowers an inch or more across. 10-15 inches.
30c each; $2.50 for ten.
P. tridentata (Wineleaf Cinquefoil). Evergreen plant with
white flowers. Foliage brilliant in the fall. 6-8 inches.
30c each; $2.50 for ten.
P. hybrida: Miss Willmot. A dwarf plant having large
masses of foliage, and covered with bright cerise flowers.
8-9 inches. 30c each; $2.50 for ten.

PRIMULA. Of this enormous and important family we list
two very different species, either of which will add
greatly to the beauty of the rockery. P. auricula lutea
is particularly suitable to rock crevices in the shadier
portions, while P. cashmeriana, a large lush plant, is more
adapted to low moist locations.
P. auricula alpina. Small rosettes of thick grayish leaves
producing round variously colored flowers on short, erect
stems, very fragrant. 6-8 inches. 30c each; $2.50 for ten.
P. cashmeriana. Large globular heads of purplish-blue
flowers. 50c each; $4.00 for ten.

RAMONDIa pyrenaica. A most beautiful Alpine. Its leaves
make a complete rosette and its dark violet flowers are
profusely produced. Prefers moist shady spot in the rock

garden. 50c each; $4.00 for ten.

SAXIFRAGA. The race of Saxifrags is perhaps the largest
and most important of all true alpine plants. In the
group offered here will be found representatives of sev¬
eral of the most important types. They are all super¬
ibly useful and beautiful among the rocks.
S. squarrozii. Dwarf little tufted plants with rosettes of silver¬
edged leaves. Sprays of white flowers faintly tinged pink.
40c each; $3.50 for ten.
S. decipiens (Crimson Moss). A mossy plant with large
white flowers on slender stems. Foliage turns bright crim¬
sin in winter. 4 inches. 35c each; $3.00 for ten.
SAXIFRAGA (Continued)

S. MacNabiana. Foliage gray-green in form of a rosette. Clusters of white flowers, speckled with pink, rise from center of the rosettes. 1 inch. 35c each; $3.00 for ten.

S. rhei superba. Evergreen fast-spreading tufts of foliage with pink and white flowers. 30c each; $2.50 for ten.

S. sarmentosa. Clusters of round green leaves. Veins white and stained red underneath. In early summer has slender sprays of small yellow and red flowers. 35c each; $3.00 for ten.

SEDUM. The word Sedum means "to sit," which is exactly what all the members of this family do. They like nothing better than to crouch upon a rock and to tumble over it in cascades of wonderfully varied foliage usually evergreen and succulent. Most of them revel in the hottest and driest places and the smaller varieties adapt themselves to crevices in walks and along driveways where they may be trod upon without in any way disturbing their serenity. Most of them are quite indestructible.

S. brevifolium (Shortleaf Stonecrop). Leaves very short and fleshy; flowers white. 30c each; $2.50 for ten.

S. kamtschaticum (Orange Stonecrop). Bright evergreen foliage with golden yellow flowers in clusters. 6-9 inches. 30c each; $2.50 for ten.

S. kamtschaticum fol. var. Similar to Kamtschaticum, but has attractive variegated foliage. 35c each; $3.00 for ten.

S. oreganum. Leaves in small rosettes, rounded at the base; flowers yellow changing to pink. 50c each; $4.50 for ten.

S. reflexum. Trailing habit, has gray blue foliage; clusters of yellow flowers on erect stems. 30c each; $2.50 for ten.

S. sarmantosum (Stringy Stonecrop). A slender creeping plant, with thread-like leaves and flat heads of small yellow flowers. 30c each; $2.50 for ten.

S. sexangulare (Hexagon Stonecrop). Slender stemmed compact growing sedum; leaves dark green; flowers yellow. 25c each; $2.00 for ten.

S. sieboldi. Broad foliage, bluish gray with pink. Flowers rose-pink. 6 inches. 35c each; $3.00 for ten.

S. stoloniferum (Running Stonecrop). Flowers pink. Trail ing habit. Fleshy foliage. 4 in. 30c each; $2.50 for ten.

S. stoloniferum atrococcineum. Flowers rosy crimson. Trailing habit. Foliage turns deep bronze during the winter. 30c each; $2.50 for ten.

SEMPERVIVUM. Queer, thick-leaved, little plants consisting entirely of overlapping rosettes from which rise strange, fleshy stems crowded with more or less weird flowers. Chiefly valued for foliage and suitable for dry, half-shady or sunny places in the rock garden.

S. tactorum violaceum (Violet Houseleek). Olive green rosettes tinted violet. Reddish brown flowers. 1 foot. 30c each; $2.50 for ten.

S. fimbriatum (Fringed Houseleek). Rosettes reddish at base and very downy and fringed with hairs at tips. Flowers red. 6-10 inches. 30c each; $2.50 for ten.

S. barbigerum (Barbed Houseleek). Rosettes reddish at base and very downy and fringed with hairs at tips. Flowers red. 6-10 inches. 30c each; $2.50 for ten.

S. acaulis. Close green cushion-like form; small stemless rosy flowers. 50c each; $4.00 for ten.

S. alpestris (Alpine Catchfly). Bright green glossy foliage and pure white flowers. 35c each; $3.00 for ten.

TEUCRIUM Chamaedrys (Germander). Shrub-like habit. Glossy green foliage; flowers purple, spike form. 1 foot. 30c each; $2.50 for ten.

THYMUS. All the Thymes are deliciously scented and make tiny bushlets or creeping mats which may be trod upon without damage or hurt, save to increase the aromatic fragrance which all these plants give out when handled. Suitable for dry sterile banks and crevices in rock work.

T. serphyllum lanuginosus (Woolly Thyme). Downy gray foliage; flowers pinkish purple. 5 inches. 30c each; $2.50 for ten.

T. serphyllum citriodorus argenteus. Silver variegated foliage. 40c each; $3.50 for ten.

T. serphyllum album (White mother of Thyme). Dark green foliage and small white flowers. 35c each; $2.50 for ten.

VERONICA incana (Woolly Speedwell). A dwarf plant with white woolly foliage and an abundance of blue flowers. 8-12 inches. 30c each; $2.50 for ten.

For general list of Perennial Plants see pages 137 to 150.
ASTERS

"California Sunshine"
Tall, upright, branching Asters of sturdy, robust habit bearing single, crested or anemone-flowered blooms of large size. A distinct improvement over the Sunshine Aster which has become so popular in the few years since it was introduced. We offer the following colors. Carmine, Flesh, Lavender, Pink, Violet and Mixed. Packets 35c and 85c.

"Breck's Coral Reef"
A remarkable Aster of the Ostrich Feather type, growing to a height of about one and one-half feet and producing full, fluffy, medium sized flowers resembling Japanese Plume Chrysanthemums. The color, a deep coral rose, does not blue and is very pretty and distinct. This Aster is unexcelled for either bedding or cutting. Packet 50c.

"Breck's Dwarf Quilled"
A dwarf Aster producing small perfectly formed flowers, the unusual quilled petals of which give a new and striking effect. The plants are of compact form particularly suited to bedding and edging, and each individual plant in itself forms a neat bouquet. We offer this fine Aster in mixture only. Packet 50c.

CYNOGLOSSUM—"Amabile Pink"
In growth and general appearance this resembles the Blue Cynoglossum only that the flowers are a rich deep pink and therefore far more striking than Pink Forget-me-nots. This remarkable novelty was first introduced by the Royal Botanical Gardens at Kew, England. It is offered this year for the first time. Packet 50c.

SCABIOSA—"Double Giant Loveliness"
This glorious new annual Scabiosa is all that its name implies. Salmon Rose in shimmering shades is the nearest color description that can be given but no description can begin to do justice to this, the most beautiful Scabiosa yet introduced. Seven years of painstaking selection have finally produced this long-stemmed fascinating fragrant variety. As a cut flower, Scabiosa Loveliness is unsurpassed. Packet 50c.

ICELAND POPPY

"Double Ranunculus Flowered"
This extremely fine strain of Iceland Poppy comes true from seed producing flowers that greatly resemble the improved types of the double Ranunculus. It is offered in mixture only and the large range of colors includes Tangerine-Orange, various shades of yellow, reds, and other intermediate shades. Packet 50c.
DIANTHUS

"Breck's Geisha Girl"

Last year after several seasons of careful observation in our trial grounds we introduced this striking type of single flowered dwarf Dianthus under the charming name of Breck's Geisha Girl. In one growing season it has become sensationaly popular with everyone who has seen it, largely because of its marvelous range of colors, its compact growth, and its constant blooming habit. We recommend “Geisha Girl” unreservedly for mass bedding, for scattered planting in the mixed border, and also as a cut flower of rare merit. It does equally well at the seashore or in the mountains. Offered in mixture only. Packet 50c.

SWEET WIVELSFIELD

A New Race of Hardy Annual

This new Annual is an interesting cross between Dianthus Allwoodii and Sweet William, having characteristics of both parents yet distinct in appearance from either. Last year Sweet Wivelsfield had its first introduction to American gardens and before the season was out it had made a distinct place for itself, its variety of colorings and its perpetual flowering qualities being most unusual for an Annual. In many instances, plants that had started to bloom in July were still bearing a profusion of bloom in late October. The possibilities of this new flower have not begun to be appreciated. By all means try it. Packet (25 seeds) 75c.

MEXICANA HYBRIDA

In this very distinct type of Zinnia we have a novelty that deserves a place in every garden where yellow and orange shades are wanted for continuous color effect throughout the blooming season. We know of no Annual that can compare with it as a “filler” for the perennial or annual border. It blooms all summer long, thriving in all locations and bearing semi-double and double flowers in a variety of yellow and orange shades, some self colors and some striped, blotched or tipped with a contrasting color. These Hybrids are of medium height, quite compact but not stiff, and well branched. We think the world of this entirely new and distinct type of Zinnia. It will be universally grown as it becomes better known. Packet 35c.

LILLIPUT. The original variety of this charming group, “Dwarf Red Riding Hood,” has been the emblem of Breck’s Radio Garden Club for some years. The compact branching habit of these Lilliput Zinnias with their masses of small button-like flowers has so established them with garden lovers that we feel assured that the following new varieties are destined to assume a prominent position in garden color schemes. Highly recommended, especially the Salmon Rose. Crimson Gem, Golden Gem, Salmon Rose. Each, per packet 25c.

Crimson Gem, Golden Gem, Salmon Rose.

Each, per packet 25c.
**PETUNIAS**

"Breck's Velvety Violet"
This "Breck Specialty" is of compact habit and with its distinctive color becomes an unusual subject for either bedding, growing in window boxes or in pots for conservatory decoration. The color is, as the name indicates, an intense shade of violet blue with a decided velvety sheen. Packet 50c.

"Breck's Steely Blue"
A remarkable novelty making a wonderful addition to the Petunia family. The plants are compact growing and free flowering producing immense single blossoms of a beautiful Steely-blue shade veined like Salpiglossis. A very distinct and effective color. Packet 50c.

"Breck's Ruffled Giants"
A mixture producing gigantic flowers of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, yellow, black, pure white, etc. Many of the flowers have a clear yellow throat, while others have a pure velvety black one; many are deeply lined and netted and all are beautifully ruffled and frilled. (See colored illustration opposite page 17.) Packet 75c.

**STOCKS**

Breck's Apricot Beauty. A splendid Stock of rich beauty and of giant size bearing flowers of a soft apricot shade daintily tinged with delicate blush pink. The plants grow to a height of about two feet and throw up immense central flower spikes surrounded by side shoots or laterals profusely covered with large fragrant flowers. An excellent variety for the garden or for winter use in the greenhouse. Packet 50c.

Antique Copper. Rich Hellebore red overlaid with copper giving a very pleasing antique copper effect. The large double flowers are borne on tall rugged plants of branching habit and are excellent subjects for cutting. Packet 50c.

Elk's Pride. An excellent new variety bearing immense florets of intense royal purple on vigorous plants which attain a height of more than twenty-four inches. Very sweetly scented. Packet 50c.

Golden Rose. A lovely new Stock of a rich light rose color enhanced by a pleasing golden effect in the center of each individual floret. It produces large, very double flowers on long stems and is a wonderful variety for cutting. Packet 50c.

Old Rose. A charming Stock of that exquisite old rose shade which is now so popular, borne on long strong stems. This makes a welcome addition to our group of the newer varieties of these old garden favorites. Packet 50c.
NOVELTIES AND SPECIALTIES

ANNUAL LARKSPURS

Giant Imperial Strain

As the base branching habit of this group of Larkspurs is identical with that of the Giant Imperial Stocks, we have decided to give them the same descriptive name "Giant Imperial." The first of these new annual Giant Larkspurs to be introduced were the varieties "Exquisite Pink Improved" and "Exquisite Rose," both of which received awards of merit from the Royal Horticultural Society. This year we are able to introduce three more new ones, all of them distinctly valuable additions to the annual garden.

EXQUISITE PINK IMPROVED. A new strain of the annual variety "Exquisite Pink," retaining the same charming color—a delicate soft pink shaded salmon—but vastly improved in form, which compares favorably with the stately perennial varieties. It grows to a height of about twenty-four inches and on account of its close branching habit, it is admirable for bedding and cutting as well as being most suitable for pot culture. Packet 50c.

EXQUISITE ROSE. A lovely rose pink, several shades deeper than Exquisite Pink Improved. The plants have the same compact but upright habit and bear the same resemblance as the latter to the perennial type of Delphinium. Packet 50c.

BLUE SPIRE. Blue Spire is an intense deep Oxford Blue with the upright base branching habit that has made Exquisite Pink Improved so popular as a cut flower. We believe that Blue Spire will prove to be the ideal deep blue shade so much sought after by all flower growers, especially florists. Packet 50c.

LILAC SPIRE adds another color to this charming group; a color which is very much sought after among garden flowers. It is lilac, of course, as the name indicates, but of a richness which, with the stately form and tall spikes of bloom, surpasses any of this or similar shades yet produced. It is an excellent bedding variety and is also good for cutting and pot culture. Packet 50c.

WHITE SPIRE, a lovely pure white variety, has the same base branching habit as the preceding members of this new "Giant Imperial" strain of Larkspurs and is far superior to any other variety of its color. The purity of its color together with its splendid form will be sufficient reason for its early acceptance by garden lovers. Packet 50c.

We are making a special offer of a collection of one packet each of these five varieties and feel assured that all who try them will be amply repaid.

Collection (5 varieties) for $2.00

SPECIAL OFFER

URSINIA ANETHOIDES—New Hybrids

"Jewels of the Veldt"

We predict a wonderful future for these new Ursinia hybrids. Their habit of growth leaves nothing to be desired. The plants make compact bushes and carry a hundred or more fully expanded flowers at one time. The foliage is light and feathery and the flowers are carried singly, well above the leaves, on thin, wiry stems of sufficient length for cutting. The blossoms last splendidly in a cut state. The petals of the flowers are of a delightful rich orange tone, but it is the central coloring surrounding the disc that shows the interesting variations. The width of the rings varies from one-eighth to three-quarters of an inch, and the tones run from ruby red to dark purple, spangled with distinctive jewel-like dots.

Beautiful as is the old Ursinia Anethoides, these new hybrids are infinitely superior, and we are more than pleased to be in a position to offer seeds. Plants grow easily and vigorously from seeds sown outdoors in April. Bloom starts late in June and continues until September, provided that the fading flowers are removed, thus preventing the plants from going to seed. Height one to one and one-half feet. Packet 50c.
**VIOLA**

**"Apricot"**

An excellent dwarf bedding or border plant which if the dead flowers are removed regularly will continue to bloom profusely throughout the entire season. Best adapted to semi-shaded locations. The flowers are of rich apricot-yellow deepening to orange toward the center. Immensely popular with those who have grown it. Packet 50c.

**VIOLA—"Jersey Gem"**

Few introductions of recent years have met with more general favor than this remarkable Viola. It is universally admired and it has quite supplanted all other varieties of anywhere near its color. The flowers are a true deep violet blue. They are borne in great profusion on strong wiry stems which hold them well above the foliage. A bed of "Jersey Gems" gives the appearance of a mass of violets all in bloom at once. It is admirable for edging beds and borders or in the Rock Garden where its color and perpetual blooming qualities are perhaps most appreciated. A true gem if there ever was one. Packet 50c.

**VIOLA—"Snowdrop"**

A white bedding Viola of compact habit producing an abundance of blossoms that have the appearance of the true Pansy and the diminutive size and perpetual blooming characteristics of the Viola. Flowers pure white. Exceptionally valuable for the Rock Garden and for edging, especially when combined with "Jersey Gem." Packet 35c.

---

We specialize in Lilies of the Valley for forcing. We import specially selected pips and can supply them at any time from cold storage for forcing in the greenhouse and in the home. We unhesitatingly recommend our "Liberty Bell" Lilies of the Valley for greenhouse forcing and for planting in fancy bulb bowls in the dwelling house. They bloom in about 25 days from planting.

**Breck's Standard Bowl of**

**"LIBERTY BELLS"**

(Pictured)

Literally solves the problem of having a continuous supply of these wonderful flowers throughout the entire Autumn and Winter. Our Standard Bowl has a Refill container (a special feature of our own) and therefore when the first pips received are through blooming, all that is necessary to keep constant bloom in your home is to order a Refill direct from us. Order blanks for Refills accompany every shipment.

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Bowls Complete</td>
<td>$2.00</td>
</tr>
<tr>
<td>Standard Refills</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Parcel post paid east of the Mississippi River
BRECK'S COLLECTIONS and MIXTURES of FLOWER SEEDS

Have been carefully arranged to give the largest assortment of types and colors and they have been especially designed to meet the requirements of the great number of inexperienced gardeners who want to grow flowers for cutting and garden decoration and who have not the knowledge to choose kinds and varieties for themselves. No finer Collections of flower seeds are obtainable than those which we offer below. It should be noted that flower seeds when bought in Collections are obtained at a material saving in price over the cost of individual packets. Substitutions, therefore, are not in order, as the reduced price of Collections is made possible only through quantity production. The seeds in our Collections and Mixtures are identical in every way with the seeds elsewhere to be found in our regular Flower Seed List.

Full cultural directions accompany each Collection.

BRECK'S BUNGALOW COLLECTION

This Collection has been designed to meet the requirements of the small garden where variety of color and long period of bloom are desired. We recommend this Collection of Annual Flower Seeds as being ideal for the amateur grower. The Collection includes the following Annuals: Alyssum, Calendula, Centaurea, Cosmos, Petunia, and Zinnia.

Collection of Six Packets, 50c.

BRECK'S SURPRISE GARDEN MIXTURE

For this Mixture we have collected hundreds of the more easily grown Annual flower seeds and blended them into a Surprise Garden Mixture, which at any time from Spring until frost will make your Surprise Garden charmingly beautiful.

Seeds are not to be sown too thickly, in fact, the more ground you can cover with a package the better results will be shown. For naturalizing purposes or sowing broadcast for effect and cutting, nothing approaches our Surprise Garden Mixture, and all the time as the season advances something different comes into bloom. Splendid results are obtained from this Mixture and little time and labour are required in growing.

For children and for those who cannot give the care and attention to a formally planned flower garden we especially recommend our Surprise Garden Mixture on account of the completeness of the Mixture and the brilliant contrast of the great number of varieties.

Pkt. 25c, 1 oz. 40c, 1/4 lb. $1.00, lb. $3.50.

BRECK'S EVERLASTING COLLECTION

This group of Annuals is of particular interest to those who know and appreciate the value of dried flowers for winter decoration. A most charming winter bouquet can be made up from the following Everlasting Flowers which are included in this Collection: Acroclinium, Globe Amaranth, Helichrysum, Rhodanthe, Statice, and Xeranthemum.

Collection of Six Varieties, 50c.

BRECK'S NEW ENGLAND COLLECTIONS OF PERENNIAL FLOWER SEEDS FOR OLD FASHIONED GARDENS

The charm of New England Gardens from the early Colonial Days to the present time has been acknowledged the world over and the following Collections contain seeds of such well known and beautiful hardy perennials as Canterbury Bells, Columbine, Delphiniums, Foxgloves, Hardy Pinks, Hollyhocks, Lupins, and Sweet Williams.

Collection No. 1, Six Varieties of Tall Perennials .................. $0.75
Collection No. 2, Twelve Varieties of Tall Perennials ............. 1.50
Collection No. 3, Six Varieties of Dwarf Perennials .............. .75
Collection No. 4, Twelve Varieties of Dwarf Perennials .......... 1.50
ANNUAL FLOWER SEEDS

Annual Plants are those which go through all stages of their growth in the open ground from germination to the final seed ripening. They form a very useful class, and are valuable for border decoration whether sown in small clumps or used for lines of color. Annuals are also invaluable for filling in gaps in the perennial border. For summer display they may be sown in the open ground in April or May, or for later bloom in June and July. The greatest cause of failure in the growing of Annuals is due to their not being thinned sufficiently; dwarf sorts should be thinned out to about 4 inches apart; medium dwarf sorts to 6 inches; and taller sorts from 10 to 15 inches. This allows the plants to branch and they will then flower for a longer period. Cultivation of the surface soil and the judicious use of Pulverized Poultry Manure and Bone Fertilizer and watering during dry periods will result in continuous bloom.

Half-Hardy Annuals are those which require artificial heat in the early stages of their growth but which afterwards should be planted out to flower and ripen their seed in the open air. Many of our most beautiful Annuals belong in this class. These Half-Hardy Annuals should be sown under glass during March and April, care being taken to transplant them at an early stage in order to prevent them from becoming “leggy.” Over watering will cause the plants to “damp off.” They should be well hardened off in a cold frame before planting out.

The following pages contain a most complete list of Flower Seeds.
This year we offer our Flower Seeds in two sizes of packets, the first size being for the average small garden. The larger sized packet contains three times the amount of seed packed in the small packet.
Complete cultural directions accompany every shipment of Flower Seeds.

This © throughout the Catalogue denotes varieties which we especially recommend. Please order flower seeds by number. All varieties are alphabetically arranged. See index if in doubt.

ACROCLINUM—Everlasting
The Acrocliniums are perhaps the most valuable of the everlastings, bearing pretty rose-pink and white flowers which should be cut before they become fully expanded, and dried for Winter decorations. They are among the most rapid growing annuals, flowering in six or seven weeks from the time of sowing. 1 foot.

5051 Album, Fl. PI. Double white. Packets 10c and 25c.
5053 Roseum, Fl. PI. Double pink. Packets 10c and 25c.
5054 Mixed. Packets 10c and 25c.

ADLUMIA—Mountain Fringe
Hardy climber with foliage resembling the Maiden Hair Fern and bearing rosy lilac flowers. Will blossom from seed the first season.

5060 Cirrhosa. Packets 15c and 35c.

ADONIS
The annual varieties are, with their bright flowers, great favorites in the flower garden. 1 foot.


AGERATUM—Floss Flower
Very effective, half-hardy Annual. The pretty brush-like flowers are produced in clusters constantly all through the Summer. The plant has a neat bushy habit. The various blue varieties are without doubt the most satisfactory bedding plants of this color.

5070 Blue Perfection. Dark blue; fine for beds; very choice. 18 inches. Packets 25c and 60c.
5071 Tall Blue. Light blue. 18 inches. Packets 15c and 35c.
5072 Tall White. 18 inches. Packets 15c and 35c.
5076 Little Blue Star. A miniature compact plant with very small flowers; exceptionally good for edging or rockwork; 4 inches. Packets 25c and 60c.
5078 Little Dorrit Blue. Azure blue. 6 inches. Packets 10c and 25c.
5080 Little Dorrit, White. 6 inches. Packets 10c and 25c.
5086 Roseum. Rose. 1 foot. Packets 15c and 35c.
5088 Mixed. Mixture of tall varieties. 18 inches. Packets 15c and 35c.

AGROSTEMMA
A free-flowering border plant with attractive flowers that are excellent for cutting. The annual varieties are very attractive grown in groups. 1 foot.

5090 Coeli Rosa (Rose of Heaven). Packets 10c and 25c.
5091 Coeli Rosa Alba. Pure white. Packets 10c and 25c.
ALYSSUM

Excellent plants for the rockery or front of borders. Very sweetly scented and bloom profusely all Summer.

5100 Lilac Queen. Distinct new variety of the annual Sweet Alyssum with pure lilac flowers. The plants are of dwarf, compact, upright growth, and resemble when in full bloom a tiny Candytuft. Equally as useful for carpet bedding or ribboning as the other dwarf varieties. Packets 15c and 35c.

5104 Little Gem. White, for edging. 4 inches. Packets 10c and 25c.

5106 Maritimum. White, very fragrant. 9 inches. Packets 10c and 25c.

5108 Procumbens (White Carpet). White trailing habit. 4 inches. Packets 15c and 35c.

AMARANTHUS

Very striking plants on account of their beautiful varicolored foliage and peculiar form of blossom. The leaves are always largest when plants are grown on rich soil, but rather poor soil enhances the coloring.

5116 Caudatus (Love Lies Bleeding). Red. 3 feet. Packets 10c and 25c.

5119 Salicifolius (Fountain Plant). Red. 2½ feet. Packets 15c and 35c.

5120 Tricolor Splendens (Joseph’s Coat). Scarlet and yellow. 3 feet. Packets 15c and 35c.

AMBROSIA

Sweet-Scented Hardy Annual, fine for bouquets.

5125 Mexicans. Yellow. Packets 15c and 35c.

ANCHUSA

For producing a mass effect of brilliant blue, the Anchusa cannot be surpassed. Height 1½ to 2 feet.

5133 Blue Bird. A variety from which the straggly habit of the other annual varieties has been eliminated. The plant is compact, about 18 inches high, and bears its flowers in a luxuriant bouquet at the top. The latter are of vivid indigo blue. Packet 50c.

5135 Breck’s Annual Blue. A clear medium blue with white center. Packets 15c and 35c.

5137 Capensis. Purple. Packets 10c and 25c.

ANTIRRHINUM—Snapdragon

Antirrhinums have now become very popular for bedding, also for growing under glass for winter flowering. We make a specialty of Antirrhinums. Our strains are selected with the greatest possible care and they can be relied upon as being equal to any for purity, growth, and truefulness of color. Antirrhinums thrive in almost any good garden soil, and the two classes, Tall and Intermediate, may easily be grown as annuals by sowing in heat during January and February. Late sowings may be made until May for late summer blooms. Greenhouse Varieties are excellent for garden use but are especially adapted to growing under glass for winter flowering.

TALL VARIETIES (Two feet)

5138 Brilliant Rose. Bright rose pink. Pkts. 15c and 35c.

5139 Cardial. Dazzling scarlet. Packets 25c and 60c.


5141 Copper King. (Maximum type). Bronzy copper color. Packets 25c and 60c.

5143 Crimson King. Deep crimson. Packets 15c and 35c.

5145 Fairy Queen. Rich orange salmon, white throat. Packets 15c and 35c.

5147 Purple King. (Maximum type) Deep garnet. Packets 25c and 60c.

5149 Queen Victoria. Pure white. Packets 15c and 35c.

5151 Rose King. Brilliant carmine rose. Packets 25c and 60c.

5153 Torchlight. Deep orange with yellow lip. Packs 25c and 60c.

5155 Breck’s Choice Mixture. Packets 10c and 25c.

51561 Collection (6 distinct colors). For 75c.
ANTIRRHINUM (Continued)

INTERMEDIATE VARIETIES (One and one-half feet)

5157 Amber Queen. Pale yellow overlaid chamois pink. Packets 15c and 35c.
5160 Carmine Queen. Brilliant rose carmine. Packets 15c and 35c.
5162 Climax. Orange shading to yellow in lip. Packets 25c and 60c.
5164 Defiance. Dazzling orange scarlet. Packets 25c and 60c.
5171 Gloria. Deep rose pink. Packets 25c and 60c.
5175 Golden Queen. Clear golden yellow. Packets 15c and 35c.
5176 Purity. Pure white. Packets 15c and 35c.
5178 Rose Doré. Beautiful salmon rose, suffused orange. Packets 15c and 35c.

GREENHOUSE VARIETIES

5184 Ceylon Court. Brilliant deep golden yellow. Packet $1.50.
5191 Happiness. Lovely clear pink. Packet $2.00.
5200 Penn Orange. An effective shade of tangerine orange. Packet $1.00.
5204 Roman Gold. A lovely combination of pink, copper and golden yellow. Pkt. $1.00.
5207 Weld Pink. Salmon pink shading to orange. Packet $1.00.
5208 White Rock. The best pure white variety. Packet $1.00.

ARCTOTIS—African Daisy

A handsome Annual from Southwest Africa. The flowers are pure white on the upper surface, the reverse of the petals being lilac blue. Very easily grown—blooming all Summer. Very valuable as a cut flower—the blooms lasting for a week or ten days after being cut.

5210 Grandis. 2½ feet. Pkts. 15c and 35c.

ARGEMONE

Prickly Poppy
Large glaucous foliage and poppy-like white flowers. 2 feet.
5215 Grandiflora. Packets 10c and 25c.

ARNEBIA

Free-flowering annuals with purple-spotted, yellow blossoms; fine for cutting. 2 feet.
5220 Cornuta. Packets 15c and 35c.

ARTEMISIA

5223 Sacrorum Viridis. (Summer fir). Ornamental plant, pyramidal in habit, growing to a height of 3 to 5 feet in a season. Pkt. 25c.

ASPERULA

A trailing plant particularly good for bouquets, the leaves of which, when dried, are used to scent clothes. 1 foot.
ASTERS

The demand for Breck’s Asters from the leading commercial and private growers all over the United States is a sufficient recommendation of their superiority. They are highly regarded wherever they go.

**BRECK’S INTERNATIONAL PRIZE MIXTURE**

In this splendid mixture will be found practically every shade and form produced among the large flowered types of Asters. Packet 15c; Large Packet 35c.

**AMERICAN BEAUTY**

These are an addition to the late blooming Asters and should find a place in every garden. They should be planted early to give a longer season of bloom. 2½ feet.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>25c</td>
<td>Lavender Rose White</td>
</tr>
<tr>
<td>60c</td>
<td>Lavender Purple Deep Rose Lavender September Pink Mixed Collection (5 distinct colors) For $1.00.</td>
</tr>
</tbody>
</table>

**AMERICAN BRANCHING**

This vigorous variety forms tall, bushy plants. Flowers extra large borne on long, stout stems. It is a great favorite with the Florist for late cutting. 2½ feet.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c</td>
<td>Crimson Red White</td>
</tr>
<tr>
<td>25c</td>
<td>Dark Violet Light Rose Lavender Deep Rose Lavender Rose Pink Mixed Collection (6 distinct colors) For 50c.</td>
</tr>
</tbody>
</table>

**ASTERMUM**

This is a beautiful new type of Aster. The flowers are of enormous size with very full centres. The plant is of sturdy growth with long, straight stems. This new departure in Asters should be welcomed by all Aster lovers. 2 feet.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>25c</td>
<td>Lavender Rose White</td>
</tr>
<tr>
<td>60c</td>
<td>Crimson purple Shell Pink White Finest Mixed Collection (6 colors) For 75c.</td>
</tr>
</tbody>
</table>

**BRECK’S CONCORD**

These magnificent Asters, with their immense flowers, are densely double, fine curled, and bear a striking resemblance to large flowered Japanese Chrysanthemums. The plants are of luxuriant habit, 2 feet high, and produce stems of great length. The large flowers are so double as to be veritable balls of bloom. 1½ feet.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>Crimson Salmon Rose</td>
</tr>
<tr>
<td>35c</td>
<td>Dark Blue Rose Pink</td>
</tr>
<tr>
<td></td>
<td>Pure White Shell Pink Mixed Collection (6 colors) For 75c.</td>
</tr>
</tbody>
</table>

**BRECK’S IMPROVED MIDSUMMER**

These Asters comprise a collection of mid-season varieties, distinguished by their delicate shades of color. The plants are vigorous, upright in growth, and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. 1½ feet.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>Crimson Salmon Rose</td>
</tr>
<tr>
<td>35c</td>
<td>Light Blue Yellow</td>
</tr>
<tr>
<td>60c</td>
<td>Pure White Rose Pink</td>
</tr>
<tr>
<td></td>
<td>Dark Purple Shell Pink Rose Pink Mixed Collection (6 colors) For 75c.</td>
</tr>
</tbody>
</table>

**CREGO GIANT**

This Aster, through the most careful selection, has been brought to a state of perfection hitherto unknown in this type. The plants grow to a height of over 2 feet, with long well-branched, strong stems and fluffy, graceful flowers as fine as any Chrysanthemum. Packets 15c and 35c.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>Crimson Lavender Deep Purple Lavender Shell Pink Mixed Collection (6 distinct colors) For 75c.</td>
</tr>
</tbody>
</table>

**EARLY WONDER**

These are the earliest Asters in cultivation. They are after the style of the Giant Comet and are destined to become the leading early Asters. They should prove a great boon to growers requiring large early blooms. 1½ inches.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>Lavender Snow White</td>
</tr>
<tr>
<td>Large Packet 35c.</td>
<td></td>
</tr>
<tr>
<td>35c</td>
<td>Lavender Rose</td>
</tr>
</tbody>
</table>

**CALIFORNIA SUNSHINE**

Tall, upright, branching Asters of sturdy, robust habit, bearing single, crested or anemone-flowered blooms of large size. Packets 35c.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>35c</td>
<td>Carmine Lavender Pink Flesh Pink Mixed Collection (6 distinct colors) For $1.75.</td>
</tr>
</tbody>
</table>

**KING**

This magnificent class of Asters is distinct from all others in the character of the flowers. The long narrow petals are folded lengthwise, appearing almost as though quilted. The flowers are of great size and substance. 18 inches.

<table>
<thead>
<tr>
<th>Packet Size</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>Crimson Rose White</td>
</tr>
<tr>
<td></td>
<td>Lavender Pink Violet Pink White Choice Mixed Collection (6 distinct colors) For 75c.</td>
</tr>
</tbody>
</table>
ROCHESTER or MIKADO

The narrow petals fall over one another in a charming cascade of color, forming a wonderful shaggy mass that cannot be equaled for richness of effect. 2 feet. Pkts. 25c and 60c.

5330 Lavender 5334 Shell Pink 5338 White
5332 Purple 5336 Rose Pink 5340 Finest Mixed
53421 Collection (5 distinct colors). For $1.00.

ROYAL

A beautiful new class of Asters in which the petals are very broad and distinctly incurved or shell shaped. In size the flowers are like the Late Branching Asters, and the plants have the same sturdy vigor. 2 feet. Packet 10c; Large Packet 25c.

5345 Lavender 5351 Shell Pink
5347 Purple 5353 White
5349 Rose 5355 Choice Mixed
53571 Collection (5 distinct colors). For 60c.

QUEEN OF THE MARKET

This variety is about three weeks earlier than the larger varieties; flowers of medium size borne on long stems; used extensively by florists. 1 1/2 feet. Packet 10c; Large Packet 25c.

5370 Crimson
5371 Dark Purple
5373 Lavender
5375 Shell Pink
5376 Rose
5377 White
5378 Mixed
53791 Collection (6 distinct colors). For 50c

SOUTHCOTE BEAUTY (Single)

A fine race of branching habit which has become exceedingly popular. The flowers have long, perfectly formed petals, but the golden yellow centres are very small; unrivalled for cutting and house decoration. 21/2 feet. Packets 15c and 35c.

5380 Mauve
5382 Pink
5384 Purple 5388 White
5386 Scarlet 5390 Mixed
53921 Collection (5 distinct colors). For 60c.

BRECK'S CALIFORNIA GIANT

We take pleasure in recommending this type as the best Aster on the market today. Characterized by the well-known Crego or Ostrich Feather type of flower, combined with the Beauty Aster's long, non-lateral branching stems and sturdy habit of growth, the California Giant Double type of Aster stands at the head of the list, not only for florists' use, but also for private gardens where quality is appreciated. Careful selection has not only perfected this type but has enabled us to extend the color range to include the following excellent assortment. Packets 25c and 60c.

5393 White 5397 Light Blue 5403 Dark Purple
5395 Peach 5399 Light Purple 5405 Mixture
Blossom 5401 Deep Rose
54071 Collection (6 distinct colors). For $1.25.

OTHER VARIETIES OF ASTERS

5415 Aster, Breck's Dwarf Quilled. A dwarf Aster producing small, perfectly formed flowers, the unusual quilled petals of which give a new and striking effect. The plants are of compact form, particularly suited to bedding and edging, and each plant in itself forms a neat bouquet. In mixture only. Pkt. 50c.

5420 Aster, Breck's Coral Reef. A remarkable Aster of the Ostrich Feather type, growing to a height of about 1 1/2 feet and producing full, fluffy, medium sized flowers resembling Japanese Plume Chrysanthemums. The color, a deep coral-rose, does not blue and is very pretty and distinct. This Aster is unequaled for either bedding or cutting. Pkt. 50c.

5432 Peerless Pink. This is conceded to be the finest pink late branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink. Packets 15c and 35c.

5437 Peerless White. Same type as Peerless Pink. Packet 15c; Large Packet 35c.

5440 Heart of France. The finest pure red Aster yet introduced. Opens red and deepens with age and retains its beauty to the end. Beautiful in artificial or natural light. Large, full flowers of the Branching type and robust habit. The plants bloom early and continue late. Packets 25c and 60c.

5448 General Joffre. This novelty in single Asters bears flowers of intense crimson-scarlet, excellent for cutting. Planted in beds or borders, they have a brilliant effect. Pkt. 35c.

5450 Pink Enchantress. The flowers of this variety are always full and very double; the petals are wide and of medium length. The ones toward the centre folding in while those towards the outer edge gradually stand out more and more, the outer edge gradually standing out more and more. The outer petals being almost flat. Packets 25c and 60c.

5453 Aster Delavayi. Close tufts of olive-green foliage and stout naked stems bearing a large solitary flower, the ray florets are very thin and inclined to twist. A delightful shade of lavender-blue with a conspicuous jet-black disc. Very curious and striking. Pkt. 50c.

5455 Red Sensation. The reddest of all Red Asters, the color being a deep ox-blood red, which glints in the sun like a live coal. Habit of plants branching, height 18 inches, the double flowers about 3 inches in diameter, are borne freely on stems 12 inches long. Packet 25c; Large Packet 60c.
ASTERS
Breck's California Giant

A new race of exquisite, lacy-flowering Asters, with blooms of the largest size, borne on plants of superb vigor, of fine branching habit, with long, stiff stems for cutting.

Peach Blossom  Deep Rose
Light Blue      Light Purple
Pure White     Dark Purple

Pkt. 25 cts.; ½ oz. $1.00
Collection, one packet of each of the above, $1.25

FOR ASTER PLANTS SEE PAGE 151
PETUNIAS
*Breck's Ruffled Giants*

A mixture producing gigantic flowers often 5 or more inches in diameter, of an astonishing variety of colors. They embrace every conceivable shade of crimson, pink, lavender, yellow, black, pure white, etc. One of the chief points of excellence is the deep throat and diversity of veining in the throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining; many are deeply lined and netted, on a white, pink or lavender ground. Flowers are beautifully ruffled and frilled. Mixed colors, packet 75 cts.

**PETUNIA, Breck's Velvety Violet**

This Breck specialty is of compact habit and with its distinctive color becomes an unusual subject for either bedding, growing in window-boxes or in pots for conservatory decoration. The color is, as the name indicates, an intense shade of violet-blue with a decided velvety sheen. Packet 50 cts.

**PETUNIA, Breck's Steely Blue**

A remarkable novelty making a wonderful addition to the Petunia family. The plants are compact growing and free-flowering, producing immense single blossoms of a beautiful steely blue shade veined like salpiglossis. A very distinct and effective color. Packet 50 cts.
ANNUAL FLOWER SEEDS

Balloovine

Annual climber. Flowers white; seed vessels like small balloons; pretty foliage; grows rapidly.

5460 Cardiospermum Halicacabum. Packets 10c and 25c.

Balsam—Lady Slipper

Magnificent Summer and Autumn flowering annuals. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way. Packets 15c and 35c.

5465 Breck's Special Mixture. Camellia-Flowered. A magnificent strain, including a wide range of colors.

5466 Blue 5468 Lilac 5470 Rose 5472 White

5467 Crimson 5469 Primrose 5471 Scarlet

5471 Collection (6 distinct colors). For 75c.

Bartonia

A splendid annual succeeding best when grown in partial shade.

5475 Aurea. Golden yellow. 2 feet. Packets 10c and 25c.

Beans—Phaseolus Multiflorus

Well-known annual climbers with ornamental flowers, foliage, and pods.

5478 Scarlet Runner. Pkt. 10c; lb- 20c.

Begonias

GRACILIS. Splendid for groups and for conservatory. Pkt. 25c.

5496 Luminosa. Glistening reddish-brown leaves and scarlet flowers.

5497 Pink 5498 Pure White 5499 Scarlet

Begonias for Greenhouse

For greenhouse and conservatory decorations they make a splendid display as they are very light and graceful in appearance. Pkt. $1.00.

5501 Erfordia Grandiflora. Light silvery pink. Pkt. 75c.

5492 Primadonna. Soft Rose. 1 foot. Pkt. 75c.

5493 Vernon, Dwarf. Blood red with glossy bronze foliage. 6 inches. Pkt. 25c.

5494 Snow Queen. Pure white. 1 foot. Pkt. 75c.

Gracilis. Splendid for groups and for conservatory. Pkt. 25c.

5496 Luminosa. Glistening reddish-brown leaves and scarlet flowers.

5497 Pink 5498 Pure White 5499 Scarlet

Begonias for Greenhouse

For greenhouse and conservatory decorations they make a splendid display as they are very light and graceful in appearance. Pkt. $1.00.

5501 Erfordia Grandiflora. Light silvery pink. Pkt. 75c.

5492 Primadonna. Soft Rose. 1 foot. Pkt. 75c.

5493 Vernon, Dwarf. Blood red with glossy bronze foliage. 6 inches. Pkt. 25c.

5494 Snow Queen. Pure white. 1 foot. Pkt. 75c.

5495 Erfordia Grandiflora. Light silvery pink. Pkt. 75c.

5497 Pink 5498 Pure White 5499 Scarlet

Begonias for Greenhouse

For greenhouse and conservatory decorations they make a splendid display as they are very light and graceful in appearance. Pkt. $1.00.

5501 Erfordia Grandiflora. Light silvery pink. Pkt. 75c.

5492 Primadonna. Soft Rose. 1 foot. Pkt. 75c.

5493 Vernon, Dwarf. Blood red with glossy bronze foliage. 6 inches. Pkt. 25c.

5494 Snow Queen. Pure white. 1 foot. Pkt. 75c.

5495 Erfordia Grandiflora. Light silvery pink. Pkt. 75c.

5497 Pink 5498 Pure White 5499 Scarlet

Cacalia

Hardy annual with showy trusses of tassel-like flowers; blooms profusely from July to October. Packets 15c and 35c.

5518 Aurea. Yellow. 5520 Coccinea. Scarlet.
CALENDULA—Pot Marigold

Very showy, free-flowering annual. Will grow in any good garden soil and continue to bloom from early Summer till frost. Valuable for pot culture. 1 foot.

5524 Campfire. A calendula of vigorous growth; the flowers, borne on stout stems, are flat and are undoubtedly larger than those of any type previously introduced. The color is a brilliant orange with a scarlet sheen and a full yellow center. Excellent for growing under glass. Packet 50c.

5528 Radio. The flowers are globular in shape and made up of beautifully quilled petals, producing a novel appearance quite unlike any other calendula. The color of Radio is dark orange, but the depth of the flower accentuates this color. Packet 50c.


5530 Breck's Giant Orange. This is a very choice strain, grown especially for us. It is quite distinct from any other variety. The color is a very deep orange. The flowers are extra large and borne on good stout stems. Packets 25c and 60c.

5531 Lemon Queen. Large beautiful flowers. Packet 15c; Large Packet 35c.


5533 Orange King. Double dark orange. Packets 15c and 35c.

5534 Pluvialis (Cape Marigold). White. Packet 10c; Large Packet 25c.

5535 The Ball. Deep orange, light center. Packets 25c and 60c.

5536 Double Mixed. Packets 10c and 25c.

55381 Collection (6 varieties). For 75c.

CAMPANULA—Annual

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

5540 Attica. Blooms profusely and remains in flower for a long period; color violet. Packets 15c and 35c.

5541 Attica Alba. Pure white flowers which contrast admirably with the preceding. Packets 15c and 35c.

5543 Loreyi. Light blue shaded violet. Pkt. 15c.

5544 Loreyi Alba. Pure white. Pkt. 15c.

5545 Speculum Mixed (Venus’ Looking Glass). Packets 10c and 25c.

5546 Speculum Blue. Packets 10c and 25c.

5548 Speculum White. Packets 10c and 25c.

For Perennial Varieties see page 41

CANDYTUFT—Iberis

Very showy, branching plants that produce flowers which embrace nearly all shades of red, purple, and white. Seed sown outdoors in Spring will produce flowers from July to September. Is very effective for beds, borders, etc., and useful for pot culture during Winter.

5550 Breck's White Giant. It produces giant spikes of pure white flowers. Excellent for greenhouse culture or for outdoor bedding. Packets 15c and 35c.

5551 Crimson. 1 foot. Packets 10c and 25c.

5552 Empress. White. 1 foot. Packets 10c and 25c.

5554 Lavender. Rosy Lavender. Packet 15c; Large Packet 35c.


5557 Rose Cardinal. Rose. 1 foot. Packet 15c; Large Packet 35c.

5559 Dwarf Hybrids. Mixed. ½ foot. Packet 15c; Large Packet 35c.

5560 Breck’s Giant Mixture. 1 foot. Packets 10c and 25c.

For Perennial Varieties see page 41

CANNA—Indian Shot

Luxuriant foliage and brilliant flowers. Soak the seeds in warm water, then sow in light sandy soil about ½ inch deep.

5561 Dark-Leaved Varieties, Mixed. Packets 15c and 35c.

5564 Crozy's Large-Flowered, Mixed. Pkts. 15c. and 35c.

CARNATION

The Marguerite varieties are generally treated as half-hardy annuals. Will bloom six months from planting of seeds, and will continue until frost. Flowers are of large size and very double. Very fragrant. Height, 15 inches.

5565 Rose. Packets 25c and 60c.

5566 Scarlet. Packets 25c and 60c.

5567 Salmon Rose. Packets 25c and 60c.

5568 White. Packets 25c and 60c.

5569 Yellow. Packets 25c and 60c.

5570 Giant Mixed. All colors. Packets 25c and 60c.

5571 Collection (5 distinct colors). For $1.00.

5572 Malmaison Mixed. A greatly improved strain from an unexcelled collection; producing extra large flowers. 1 foot. Packets 25c and 60c.

5574 Giants of Nice. We have an exceedingly fine strain of this variety which is a strong robust grower. Very large flowers of many delicate colors. 1½ feet. Pkt. 50c.
CELOSIA

Magnificent, free-flowering, Hardy Annuals with large comb-like flower heads of the most brilliant colors. The dwarf varieties are especially valuable for edgings while the taller sorts are used for massing or grouping.

CELOSIA CRISTATA NANA—Cockscomb
Height, 9 inches. Packets 25c and 60c.
- 5580 Chamois. Fawn.
- 5582 Glasgow Prize. Crimson.
- 5583 Golden Yellow.
- 5584 Queen of Dwarfs. Rose.
- 55881 Collection (6 distinct colors). For 75c.

CELOSIA PLUMOSA—Thompson Magnifica
Height, 2 feet.
- 5590 Breck’s Crimson Plume. Packets 25c and 60c.
- 5591 Breck’s Yellow Plume. Packets 25c and 60c.
- 5592 Breck’s Scarlet Plume. Packets 25c and 60c.
- 5593 Breck’s White Plume. Packets 25c and 60c.
- 5594 Pride of Castle Gould. A distinct type of feathered cockcomb covered with immense fine heads of the most brilliant colorings. Packets 25c and 60c.
- 5595 Choice Mixed. Packets 10c and 25c.
- 55991 Collection (6 distinct colors). For 75c.

CENTAUREA

CENTAUREA CYANUS. Bachelor’s Button. Old-fashioned flowers that are very popular. They will grow in any situation, and bloom continuously. 3 feet. Packets 15c and 35c.
- 5605 Blue.
- 5607 Carmine.
- 5609 Maroon.
- 5615 Choice Mixed. Packets 10c and 25c.
- 56181 Collection (6 distinct colors). For 75c.

CENTAUREA IMPERIALIS (Giant Sweet Sultan). This species represents the best that has been produced in these beautiful Summer-flowering plants. The flowers will keep in water for over a week if cut when just about to open. 2½ feet. Pkts. 15c and 35c.
- 5620 White
- 5621 Delicate Lilac
- 5622 Rose

OTHER CENTAUREAS.
- 5630 Americana. Flowers rosy-lilac often measuring 4 inches across. 3 feet. Packets 15c and 35c.
- 5631 Americana Alba. Pure White. Packets 25c and 60c.
- 5632 Moschata Blue. 2½ feet. Packet 10c; Large Packet 25c.
- 5634 Moschata Rosea. The color of the flower in opening is a delicate rosy-white changing to tender rose-pink later. 2½ feet. Packet 15c; Large Packet 35c.
- 5635 Suaveolens. 2½ feet. Yellow. Packet 15c; Large Packet 35c.
- 5637 Moschata Choice Mixed. Pkts. 10c and 25c.

WHITE LEAVED CENTAUREAS (Dusty Miller).
Silvery foliage, dwarf, extensively used for edging of flower beds.
- 5638 Candidissima. Broad silvery foliage. 1 foot. Packets 25c and 60c.
- 5639 Gymnocarpa. Narrow silvery foliage. 1 foot. Packets 15c and 35c.

CENTRANTHUS

A free-flowering bushy annual with clusters of long tube-like flowers that grow freely in any soil.
- 5640 Finest Mixed. Packets 10c and 25c.
CINERARIA

Foliage Varieties. Suitable for ribbon beds and edging. 1 foot.
5685 Maritima (Candidissima). Silver foliage. Packet 10c; Large Packet 25c.
5686 Maritima Diamond. Silvery green foliage. Packet 10c; Large Packet 25c.

CLARKIA

Popular Annuals which can be grown with the utmost ease in ordinary soil. They flower profusely and are as exceedingly attractive for bedding as for cutting. 2 to 2 1/2 feet.
5694 Orange King. Double. Very bright orange-scarlet. Packets 15c and 35c.
5696 Purple Prince. Double purple. Packets 15c and 35c.
5698 Queen Mary. This is a lovely rose carmine flower, double, free-flowering, the brightest color of any Clarkia yet produced. Packets 15c and 35c.
5701 Ruby King. Double flowers of a beautiful ruby red. Packets 25c and 60c.
5702 Salmon Queen. Double. Salmon-pink. Packets 15c and 35c.
5704 Vesuvius. Double scarlet. Packet 15c; Large Packet 25c.
5706 Mixed. All sorts. Packets in two sizes, 10c and 25c.
5709 Collection (6 distinct colors). For 75c.

CLEOME—Spider Plant

5710 Pungens. A pretty plant with curious pink flowers. 3 feet. Packets 15c and 35c.

CLINTONIA

5715 Pulchella. Blue and white. Charm¬ing for edging or rock-work. Pkt. 25c.

COLLINSIA

Beautiful free-flowering plants for beds and mixed borders. 1 foot.
5717 Finest Mixed. Pkts. 10c and 25c.

COLLOMIA

Good for pot culture and bedding; fine for bees. 1 foot.
5718 Coccinea. Scarlet and yellow. Packets 10c and 25c.

COBæA—Cup-and-Saucer Vine

A rapid-growing climber producing large, bell-shaped flowers.
5720 Scandens. Purple. Packet 10c; Large Packet 25c.
5721 Scandens Alba. Pure white. Packet 15c; Large Packet 35c.

CONVOLVULUS MINOR

Hardy annuals particularly suitable for growing in clumps or beds and also in hanging baskets or window boxes.
5740 Mauritanicus. Blue with white throat. Packets 25c and 60c.
5741 Rose Queen. Rose. 1 foot. Packets 10c and 25c.
5742 Splendens. Violet. 1 foot. Packets 10c and 25c.
5743 White. 1 foot. Packets 10c and 25c.
5744 Mixed. 1 foot. Packets 10c and 25c.

COREOPSIS—Calliopsis

Very showy, free-flowering annual plants, useful for borders and cutting. Blooms from June until frost.
5750 Atrosanguinea. Crimson. 2 feet. Packets 10c and 25c.
5752 Bicolor Marmorata. Yellow and brown. 2 feet. Packets 10c and 25c.
5754 Coronata. Yellow. 1 foot. Packets 10c and 25c.
5756 Drummondi. Yellow and brown. 1 foot. Packet 10c; Large Packet 25c.
5757 Evening Star. Large flowers of bright yellow with zone of deep scarlet. 1 1/2 feet. Pkt. 25c.
5758 Fire King. The flowers are of a deep bright scarlet. Very free-flowering, the plant being a mass of blooms. 1 1/2 feet. Packet 25c; Large Packet 60c.
5760 Radiata Tiger Star. Yellow and brown. 3/4 foot. Packet 15c; Large Packet 35c.
5764 Tinctoria. Yellow and brown. 2 feet. Packets 10c and 25c.
5766 Tom Thumb Crimson King. ½ foot. Packets 15c and 35c.
5767 Tom Thumb Dazzler. Golden yellow with rich maroon-red center. ½ foot. Pkt. 25c.
5768 Dwarf Mixed. 1 foot. Packet 10c; Large Packet 25c.
5770 Double Hybrids. Mixed colors. ½ feet. Packets in two sizes, 10c and 25c.
5772 Tall Mixed. 2 feet. Packets in two sizes, 10c and 25c.
5774 Collection (6 separate varieties). For 50c.

For Perennial Varieties, see page 42.

Plantabbs give a wonderful “kick” to slow growing annuals. Place a Plantab at the base of each lazy plant and then watch it jump!! Box of 30 tablets, 25c; 75 tablets, 50c; 200 tablets, $1.00.
COSMOS
A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER GIANT
This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Packets in two sizes, 15c and 35c.

5790 Blush  5792 Crimson  5794 Pink
5796 White  5798 Mixed

MAMMOTH LATE BLOOMING
5 feet. Packet 10c; Large Packet 25c.
5813 Lady Lenox. Pink.
5814 Red  5816 White  5818 Mixed
5820 Klondyke. Yellow. 4 feet. Packets 15c and 35c.

DOUBLE OR ANEMONE FLOWERED
The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Packet 25c; Large Packet 60c.

5825 Crimson  5835 Pure White
5830 Pink  5836 Mixed

CUPHEA—Cigar Plant
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.

COSMOS
A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER GIANT
This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Packets in two sizes, 15c and 35c.

5790 Blush  5792 Crimson  5794 Pink
5796 White  5798 Mixed

MAMMOTH LATE BLOOMING
5 feet. Packet 10c; Large Packet 25c.
5813 Lady Lenox. Pink.
5814 Red  5816 White  5818 Mixed
5820 Klondyke. Yellow. 4 feet. Packets 15c and 35c.

DOUBLE OR ANEMONE FLOWERED
The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Packet 25c; Large Packet 60c.

5825 Crimson  5835 Pure White
5830 Pink  5836 Mixed

CUPHEA—Cigar Plant
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.

COSMOS
A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER GIANT
This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Packets in two sizes, 15c and 35c.

5790 Blush  5792 Crimson  5794 Pink
5796 White  5798 Mixed

MAMMOTH LATE BLOOMING
5 feet. Packet 10c; Large Packet 25c.
5813 Lady Lenox. Pink.
5814 Red  5816 White  5818 Mixed
5820 Klondyke. Yellow. 4 feet. Packets 15c and 35c.

DOUBLE OR ANEMONE FLOWERED
The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Packet 25c; Large Packet 60c.

5825 Crimson  5835 Pure White
5830 Pink  5836 Mixed

CUPHEA—Cigar Plant
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.

COSMOS
A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER GIANT
This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Packets in two sizes, 15c and 35c.

5790 Blush  5792 Crimson  5794 Pink
5796 White  5798 Mixed

MAMMOTH LATE BLOOMING
5 feet. Packet 10c; Large Packet 25c.
5813 Lady Lenox. Pink.
5814 Red  5816 White  5818 Mixed
5820 Klondyke. Yellow. 4 feet. Packets 15c and 35c.

DOUBLE OR ANEMONE FLOWERED
The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Packet 25c; Large Packet 60c.

5825 Crimson  5835 Pure White
5830 Pink  5836 Mixed

CUPHEA—Cigar Plant
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.

COSMOS
A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER GIANT
This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Packets in two sizes, 15c and 35c.

5790 Blush  5792 Crimson  5794 Pink
5796 White  5798 Mixed

MAMMOTH LATE BLOOMING
5 feet. Packet 10c; Large Packet 25c.
5813 Lady Lenox. Pink.
5814 Red  5816 White  5818 Mixed
5820 Klondyke. Yellow. 4 feet. Packets 15c and 35c.

DOUBLE OR ANEMONE FLOWERED
The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty are of lasting quality on the plants or as cut flowers. This class of Cosmos is very variable as to the percentage of double blooms produced and both double and single flowers will often appear on the same plant. Packet 25c; Large Packet 60c.

5825 Crimson  5835 Pure White
5830 Pink  5836 Mixed

CUPHEA—Cigar Plant
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 25c.

5841 Platycentra. Bright scarlet.
DIANTHUS

Pinks

This family of "Pinks" is unrivalled for brilliancy and rich variety of color. The plants are bushy, of symmetrical form, and bloom profusely until Autumn, rendering them most satisfactory for Summer flower gardens. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color</th>
<th>Packet Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5875</td>
<td>Chinensis Double Mixed</td>
<td>10c and 25c</td>
</tr>
<tr>
<td>5877</td>
<td>Diadematus Double Mixed</td>
<td>10c and 25c</td>
</tr>
<tr>
<td>5880</td>
<td>Fireball</td>
<td>10c and 25c</td>
</tr>
<tr>
<td>5881</td>
<td>Salmon King</td>
<td>10c and 25c</td>
</tr>
<tr>
<td>5883</td>
<td>Snowdrift</td>
<td>10c and 25c</td>
</tr>
<tr>
<td>5885</td>
<td>Double Mixed</td>
<td>10c and 25c</td>
</tr>
</tbody>
</table>

SINGLE ANNUAL VARIETIES

Bushy plants about 1 foot high. Flowers are very large, often two inches across, and freely produced from early Summer until frost. For Summer flower beds their gorgeous colors render them unrivalled. The single varieties are preferable to the double for effectiveness when bedded.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color</th>
<th>Packet Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5904</td>
<td>Salmon Queen</td>
<td>15c and 35c</td>
</tr>
<tr>
<td>5905</td>
<td>The Bride</td>
<td>15c and 35c</td>
</tr>
<tr>
<td>5906</td>
<td>Aurantiaca Hybrids</td>
<td>15c and 35c</td>
</tr>
<tr>
<td>5907</td>
<td>Aurantiaca Double Hybrids</td>
<td>15c and 35c</td>
</tr>
<tr>
<td>5908</td>
<td>Single Mixed</td>
<td>15c and 35c</td>
</tr>
</tbody>
</table>

DIDISCUS—Lace Plant

This valuable flower deserves larger cultivation for florist use. Flowers in clusters, borne on long, stout stems. General appearance not unlike lace, and is often referred to as "Lace Plant." 1½ feet.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color</th>
<th>Packet Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5900</td>
<td>Cornulus, Light Blue</td>
<td>25c and 60c</td>
</tr>
</tbody>
</table>

DIMORPHOTHECA—South African Daisy

5905 Aurantiaca. A rich-flowering Annual of easy culture. The plants which are of neat branching habit, grow from 12 to 15 inches high and produce Marguerite-like blossoms 3 inches in diameter. The color is a beautiful deep golden-orange. Packets 15c and 35c.

DOLICHOS—Hyacinth Bean

A rapid-growing, hardy annual climber, with white or purple flowers which are followed by ornamental seed pods. 10 feet. Packets 10c and 25c.

ECHINOCYSTIS—Wild Cucumber

Rapid growing vine with bright green foliage and clusters of white flowers. Excellent for covering old fences, trellises, etc.

ERYSIMUM

Attractive hardy Annuals for mixed borders, lasting a long time in bloom. 2 feet. Packets 15c and 35c.

EUPHORBIA

Hardy Annuals with ornamental foliage growing about 2 feet high.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Color</th>
<th>Packet Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5935</td>
<td>Heterophylia (Mexican Fire Plant)</td>
<td>15c and 35c</td>
</tr>
<tr>
<td>5936</td>
<td>Variegata (Snow on the Mountain)</td>
<td>15c and 35c</td>
</tr>
</tbody>
</table>
GAI LLAR DIA
Blanket Flower

The Gaillardia is almost unique in varied brilliancy of coloring—the blending of the rich shades of brown, maroon, and gold being particularly striking. Useful for beds, borders and cutting. Height 2 to 3 feet.

05940 Amblyodon. Single deep red. Pkts. 15c and 35c.
05942 Double White (The Bride). Packet 15c; Large Packet 35c.
05944 Lorenziana Double Mixed. Packet 10c; Large Packet 25c.
05946 Breck's Superb Strain. Single and Double Mixed. Packets in two sizes, 15c and 35c.
05948 Single Mixed. Packets in two sizes, 10c and 25c.

GAURA

A gracefully branching plant bearing long spikes of white, rose-tinted flowers; blooms from seed the first season. 2 feet.

05950 Lindheimeri. Packets in two sizes, 10c and 25c.

GILIA

Old-fashioned hardy Annuals suitable for borders and rock work. They bloom profusely throughout the season. 1 foot.

05951 Capitata. Lavender blue. Packet 15c; Large Packet 35c.
05952 Tricolor Mixed. White, lilac, and purple mixed. Packets 10c and 25c.

GLOBE AMARANTH
Gomphrena

These Everlastings are old favorites for Winter bouquets. The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in good rich loam. 1½ feet. Packets 10c and 25c.

05955 Orange 05958 Violet 05961 Mixed 05966 Rose 05960 White

Few Annuals are more beautiful than the Godetia. Flowers of fine size, of exquisite colors, that glisten in the sunlight like satin. Compact and bushy in growth. Height 1 to 2 feet.

05964 Breck’s Double Crimson. Tall, very bright color. 2 feet. Packet 15c; Large Packet 35c.
05965 Crimson Glow. Dwarf. 1 foot. Packet 10c; Large Packet 25c.
05967 Duchess of Albany. Dwarf, pure white. 1 foot. Packets 10c and 25c.
05968 Breck’s New Lavender. Tall, pale lavender. 18 inches. Packet 15c; Large Packet 35c.
05971 Lady Albermarle. Compact, brilliant carmine. 1 foot. Packets in two sizes, 10c and 25c.
05972 Breck’s Double Mauve. Clear pinkish-mauve. 2 feet. Packets in two sizes, 15c and 35c.
05974 Mandarin. Pale yellow. 18 inches. Packet 10c; Large Packet 25c.
05976 Breck’s Double Pink. Tall, double flowers. 2 feet. Pkts. 15c and 35c.
05978 Rosy Morn. Beautiful shade of coral pink. 2 feet. Pkts. 15c and 35c.
05979 Breck’s Special Mixture. Single and double varieties mixed. Packets in two sizes, 10c and 25c.
059791 Collection (6 distinct colors). For 60c.

GOURDS

Quick-growing, interesting annual climbers, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes.

05982 Apple-shaped. Small fruit. Packet 10c; Large Packet 25c.
05983 Bottle-shaped. Packet 10c; Large Packet 25c.
05986 Egg-shaped. White nest-egg. Packet 10c; Large Packet 25c.
05989 Gooseberry-shaped. Packet 10c; Large Packet 25c.
05990 Hercules’ Club. Long white. Packet 10c; Large Packet 25c.
05992 Orange-shaped. Packet 10c; Large Packet 25c.
05993 Pear-shaped. Packet 10c; Large Packet 25c.
05995 Mixed. Packet 10c; Large Packet 25c.
059991 Collection (2 distinct varieties). For $1.00.

GRASSES—Ornamental

The ornamental grasses are a most valuable class of plants for the lawn or shrub border. The Annual sorts are particularly pretty on account of the graceful, feathery-flowered panicles which are used in bouquets.

06000 Agrostis Nebulosa. Ornamental and graceful habit. 18 inches. Pkt. 10c.
06001 Agrostis Pulchella. Suitable for mixing with flowers. 6 inches. Pkt. 10c.
06004 Briza Maxima. One of the best ornamental grasses. 2 feet. Pkt. 10c.
06005 Bromus Brizaeformis. A choice and valuable variety. 1 foot. Pkt. 10c.
06010 Hordeum Jubatum. Very handsome plumes. 18 inches. Pkt. 10c.
06011 Lagurus Ovatus. Hare’s tail grass. 18 inches. Pkt. 10c.
06012 Pennisetum Longistylum. 2 feet. Pkt. 10c.
06013 Pennisetum Ruppelianum. Pkt. 15c.
060191 Collection (12 Varieties). For $1.00.

GYPSOPHILA—Baby’s Breath

Bushy, free-growing plants, producing great numbers of small white flowers in loose, graceful panicles. They are especially valuable in making bouquets. 1 ft.

06020 Breck’s Giant White. Pure white. Packet 15c; Large Packet 35c.
06022 Elegans Rosea. Rose. Packet 10c; Large Packet 25c.
06023 Muralis. Red. Packet 15c; Large Packet 35c.
HELICHRYSUM—Everlastings
The best known of all the Everlastings. They should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich, loamy soil. 1 to 2 feet.

6026 Album. White. Packets in two sizes, 10c and 25c.
6027 Salmon. Packets in two sizes, 10c and 25c.
6029 Golden Globe. Yellow. Pkt. 10c; Large Pkt. 25c.©
6030 Purpureum. Violet. Packet 10c; Large Packet 25c.
6033 Dwarf Mixed. Packets in two sizes, 10c and 25c.
6034 Collection (6 distinct colors). For 50c.

HIBISCUS—Mallow
Vigorous plants. Fine for mixed beds and borders.

6035 Africanus (African Rose). Yellow with brown center. 2 feet. Packet 10c; Large Packet 25c.

HOLLYHOCK—Althea
The annual Hollyhocks grow to a height of 5 feet. Seeds sown early in Spring will bloom in August of same year.

6038 Double Mixed. Packet 15c; Large Packet 35c.
6040 Single Mixed. Packet 15c; Large Packet 35c.
For Perennial Varieties see page 45

HUMULUS—Hop
Popular climbing vines having dense luxuriant foliage, valuable for covering trellises and verandas.

6044 Japonica Variegata. Variegated foliage. 20 feet. Packet 10c; Large Packet 25c.

HUNNEMANNIA—Giant Tulip Poppy
This is the best Poppy for cutting as it remains in good condition for several days. The plants, which grow about 2 feet high, produce large poppy-like flowers until late in the Autumn.

6046 Fumariaefolia. Yellow. Packets 10c and 25c.

IPOMÆA
Rapid-growing climbers, excellent for covering arbors, trellises, etc., their luxuriant foliage with their fragrant flowers forming a beautiful dense screen.

6049 Purpurea Mixed. (Common morning glory.) Pkts. 10c and 25c.
6050 Bona Nox (Evening Glory). White. Packets 10c and 25c.
6051 Coccinea (Star Ipomaea). Scarlet. Pkts. 10c and 25c.
6052 Heavenly Blue. Immense blooms of clear azure blue. One of the best and most striking of annual climbers. Packet 15c; Large Packet 35c.
6053 Hederacea Superba (Ivy leaved). Blue. Packet 10c; Large Packet 25c.
6054 Hybrida (Cardinal Climber). Scarlet. Strong and rapid grower with attractive foliage covered with a blaze of bright cardinal red flowers. Packets 25c and 60c.
6055 Limbata Elegansissima. Blue and white. Packet 10c; Large Packet 25c.
6056 Mexicana Grandiflora Alba (Moon Flower). Large white flowers. Packet 10c; Large Packet 25c.
6057 Purpurea Fl. Pl. Double flowered morning glory. Packet 10c; Large Packet 25c.
6058 Setosa (Brazilian Morning Glory). Rose-colored flowers. Packet 15c; Large Packet 35c.

JACOBÉA—Senecio
Strong growing annuals producing large heads of double flowers freely. Valuable for cutting. Packets 25c and 60c.

6059 Crimson 6061 Purple
6060 Lilac 6064 Mixed

KENILWORTH IVY
A creeping ivy-like plant, which bears small but very pretty blue flowers with yellow throat. Splendid for hanging baskets

6066 Linaria Cymbalaria. Pkt. 15c.
KCHIA—Mexican Firebush
A magnificent plant for grouping, or as a specimen in the border. Its remarkable features are its rapid growth and the beautiful red coloring the foliage takes on in the Autumn.
6067 Trichophylla. Bright green foliage turning to red in the Autumn. Packets 10c and 25c.

LANTANA HYBRIDA
These new hybrids are most elegant and showy—quite a novelty in bedding plants. Packets 15c and 35c.
6068 Dwarf Compact Hybrids. 6069 Tall Mixed.

LARKSPUR—Annual Delphinium
Fine for cut flowers. These can be sown outdoors in April or May, and afterwards thinned out to about nine inches apart.

BRECK’S GIANT STOCK FLOWERED
Packets in two sizes, 15c and 35c.
6070 Dark Blue 6071 Rose
6072 Lilac 6073 Lustrous Carmine 6074 Lustrous Lilac
6075 Rosy Scarlet 6076 White
6077 Mixed 6078 Collection. (6 distinct colors) For 75c.

OTHER VARIETIES
6079 Azure Fairy. Cambridge blue. Packets 25c and 60c.
6080 Blue Butterfly. Lovely Salvia blue, bushy form. Packet 25c; Large Packet 60c.
6081 Violet Queen. Violet blue. Packets 25c and 60c.

LAVATERA—Mallow
One of the best hardy annuals for cutting, producing freely, large, single flowers which last a long time in water.
6085 Arborcana Variegata. Red. 5 feet. Pkts. 15c and 35c.
6086 Splendens Alba. Large white flowers. 3 feet. Packet 15c; Large Packet 35c.
6087 Splendens Rosa. Rose. 3 feet. Pkts. 15c and 35c.
6089 Splendens Sunset. This new variety “Sunset” we claim to be a great advance on any Lavatera yet introduced—the charming brightness of its color, a very deep rose pink, being most effective. 2½ to 3 feet. Excellent for bedding. Packet 25c; Large Packet 60c.
6092 Splendens Mixed. Packets 15c and 35c.

LAYIA
A California Annual with large yellow flowers edged with white.
6093 Elegans. 1 foot. Packet 15c; Large Packet 35c.

LEPTOSYNE
Attractive plants somewhat resembling the Coreopsis, having bright yellow flowers; useful for cutting. 2 feet.
6095 Maritima. Yellow. Packet 15c; Large Packet 35c.
6095 Stillmani. Yellow marguerite. Packets 15c and 35c.

LIMNANTHES
Dwarf hardy annual bearing small fragrant yellow and white flowers; splendid for bees. Thrives in damp shady places. 1 foot.
6098 Douglasii. White and yellow. Packets 10c and 25c.

LINARIA—Toad Flax
Plants having long spikes of Snapdragon-shaped flowers and narrow green leaves. Excellent for cutting. It thrives in sunny spots and is very useful for winter pot culture. 1 foot.
6100 Maroccana Alba. White. Packets 15c and 35c.
6101 Maroccana. Purple. Packet 15c; Large Packet 35c.
6102 Maroccana Hybrids. Mixed. Packets 15c and 35c.

LINUM—Flax
Very pretty, free-flowering garden plants of easy cultivation. Excellent for bedding.
6105 Caeruleum. Blue. 2 feet. Pkt. 10c; Large Pkt. 25c.
6107 Rubrum (Scarlet Flax). 1½ feet. Pkts. 10c and 25c.

LOBELIA
A group of plants valuable for bedding purposes on account of their compact growth and profusion of flowers; they are also useful for pot culture, hanging baskets, etc.; continuous bloomers from June to November.
6111 Compatta Blue Wings. The individual flowers are unusually large, rich in hue, while avoiding the extreme darkness which sometimes detracts from the popular “Crystal Palace” variety. 4 inches. Packets 25c and 60c.
6115 Royal Purple. Deep blue flowers and distinct white eye. 6 inches. Packet 25c; Large Packet 60c.
6117 White Gem. 4 inches. Packets 15c and 35c.
6118 Gracilis. Dark blue, spreading habit and free-flowing, most suitable for vases, hanging baskets, etc. Packet 10c; Large Packet 25c.
6119 Hybrida Sapphire. The flowers are unusually large, of a deep sapphire blue enhanced by a clearly defined pure white eye and displayed in long graceful sprays. Pkt. 25c.
6120 Speciosa. Blue, spreading habit. Pkts. 10c and 25c.

LUPINUS
Strong and robust plants, especially for shrubberies and borders when their tall graceful spikes show to advantage. 2 feet.
6122 Breck’s Light Pink. Packet 15c; Large Packet 35c.
6123 Cruickshankii. Blue and yellow. Pkts. 10c and 25c.
6124 Hartwegi Dark Blue. Packet 10c; Large Packet 25c.
6125 Hartwegi Light Blue. Pkt. 10c; Large Pkt. 25c.
6126 Hartwegi Rose. Packet 10c; Large Packet 25c.
6127 Hartwegi White. Packet 10c; Large Packet 25c.
6128 Annual Mixed. Packet 10c; Large Packet 25c.

MALOPE GRANDIFLORA
Beautiful Annuals, very showy and useful for cutting. They have a beautiful effect sown in masses in the open border. 2½ feet. Packet 10c; Large Packet 25c.
6130 Crimson 6131 Pink 6132 White 6133 Mixed
For adding shades of yellow to the garden in late Summer and Autumn the African and French Marigolds are unsurpassed. They make attractive beds when grown together, the dwarf French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. Sowing should not be made outdoors until danger from frost is past.

**DOUBLE AFRICAN VARIETIES**

6135 Breck's Sunburst Lemon. Clear lemon-yellow flowers of a perfectly globular form, 4 to 5 inches in diameter. Packet 25c; Large Packet 60c.

6136 Breck's Sunburst Orange. Deep orange yellow, of perfect form, 4 to 5 inches in diameter. Packet 25c; Large Packet 60c.

6137 Breck's Sunburst Mixed. Pkt. 25c; Large Pkt. 60c.

6138 Dwarf Orange Prince. We feel that we can confidently predict for this variety a great measure of popular favor. The symmetrical compact plants do not exceed 2 feet in height, bearing from ground to summit large well-formed flowers of glowing orange, quite equal in size, shape, and quality to those of the finest tall sorts. Pkt. 35c.

6142 Scotch Prize Mixed. Pkt. 10c; Large Pkt. 25c.

6143 Collection (6 distinct varieties). For 50c.

**DOUBLE FRENCH VARIETIES**

6144 Breck's Dwarf Choice Mixed. Packets 10c and 25c.

6145 Breck's Tall Choice Mixed. Packets 10c and 25c.

6146 Breck's Dwarf Lemon. 1 foot. Packets in two sizes, 10c and 25c.

6147 Breck's Dwarf Orange. 1 foot. Packets in two sizes, 10c and 25c.

6148 Breck's Dwarf Mahogany. 1 foot. Packets in two sizes, 10c and 25c.

61491 Collection (6 varieties). For 50c.

**SINGLE VARIETIES**


6151 Legion of Honor. Golden yellow with large brown blotch. Packet 10c; Large Packet 25c.

6152 Signata Pumila. Miniature flowers of deep yellow, fine for edging. Packet 10c; Large Packet 25c.

**MARTYNYA**

Gloxinia-shaped flowers, sweetly scented. The flowers are followed by curiously formed fruit.

6154 Fragrans. Crimson and purple. 1½ feet. Pkt. 10c.

**MATHIOLA—Evening Scented Stock**

A hardy annual having flowers which throw out a strong pleasant perfume in the evening. 1½ feet.

6156 Bicornis. Light lilac. Packet 10c; Large Packet 25c.

**MATRICARIA—Feverfew**

A very pretty plant for the Summer garden, profuse bloomer.

6159 Golden Ball. Suitable for beds or borders with striking double flowers. 1 foot. Pkt. 25c; Large Pkt. 60c.

6160 Silver Ball. Double white flowers which make a fine contrast with Golden Ball. Pkt. 25c; Large Pkt. 60c.

**MIGNONETTE**

Well known, fragrant favorites, delightful for working into bouquets. For Winter flowering seed should be sown in July.

6171 Breck's Colossal. A strong growing variety producing immense spikes of reddish-green, deliciously fragrant flowers. A splendid variety for the greenhouse. Packet 25c; Large Packet 60c.

6172 Breck's Selected Giant Machet. Red. Packet 15c; Large Packet 35c.

6173 Allan's Defiance. Red. 1½ feet. Packet 10c; Large Packet 25c.

6174 Bismarck. Machet type, reddish-colored flowers. Packet 15c; Large Packet 35c.

6176 Golden Machet. Packet 15c; Large Packet 35c.

6177 Odorata Grandiflora. Old-fashioned, sweet-scented, 1 foot. Packet 10c; Large Packet 25c.
MIMOSA—Sensitive Plant
A tender Annual, the leaves of which have a peculiar habit of closing if touched or shaken. 1 foot.
6180 Pudica. Pink Flowers. Packet 10c; Large Packet 25c.

MIRABILIS
Marvel of Peru or Four O’Clock
A bushy rapid-growing plant bearing clusters of long tube-shaped flowers which do not open until late in the afternoon. Splendid for beds or borders. 1 to 2 feet.
6186 Fine Mixed. Packet 10c; Large Packet 25c.
6187 Tom Thumb Mixed. Compact bedding variety suitable also for pot plants. Packet 15c; Large Packet 35c.

MOMORDICA
Handsome climbing vines with inconspicuous flowers, but having large, warded, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.
6192 Balsaminia (Balsam Apple). Packets 10c and 25c.
6193 Charantia (Balsam Pear). Packets 10c and 25c.

NASTURTIUM—Tropæolum
These are among the most popular of hardy Annuals. The Tall varieties are without equal for covering trellises or rockeries. The Dwarf sorts are invaluable for bedding or edgings. For beauty and profusion of bloom they cannot be excelled. Pkt. 10c; oz. 25c; ¼ lb. 75c.

DWARF VARIETIES
6195 Aurora. A rich warm terra-cotta.
6196 Beauty. Yellow and scarlet.
6198 Bronze. Reddish gold.
6200 Crimson. A rich deep shade.
6201 Crystal Palace Gem. Yellow spotted maroon.
6202 Cloth of Gold. Scarlet yellow foliage.
6203 Empress of India. Dark-leaved Crimson.
6204 Golden King. Yellow, dark leaved.
6205 King of Tom Thumbs. Scarlet, dark leaved.
6207 Pearl. Amber white.
6208 Queen of Tom Thumbs. Variegated leaved, mixed.
6209 Rose. A deep shade.
6212 Yellow. A pale shade of sulphur.

TALL or CLIMBING VARIETIES
6215 Butterfly. Sunflower yellow spotted salmon pink.
6216 Crimson. Velvety crimson.
6217 Edward Otto. Brownish lilac, an odd shade.

MIXTURES AND COLLECTIONS

BRECK’S DWARF RAINBOW MIXTURE
6213 PKT. 10c; OZ. 20c; ¼ LB. 50c; LB. $1.75.
62140 DWARF COLLECTION. (6 colors). For 50c.
62141 DWARF COLLECTION. (12 colors). For $1.00.

BRECK’S TALL RAINBOW MIXTURE
6230 PKT. 10c; OZ. 20c; ¼ LB. 50c; LB. $1.75.
62340 TALL COLLECTION. (6 colors). For 50c.
62341 TALL COLLECTION. (12 colors). For $1.00.

NEMESIA
Its value both for outdoor bedding and cool greenhouse culture cannot be surpassed. Its popularity is gaining each year. Nemesia is undoubtedly one of the most beautiful Annuals that has been introduced in cultivation for some years past. Pkt. 25c.
6256 Blue Gem.
6257 Fire King.
6259 Orange King.
6260 White Gem.
6262 Strumosa Suttonii. A special selection of great beauty, the plants forming dense bushes completely smothered with flowers, so as almost to hide the foliage. The colors are pretty and varied. Pkt. 25c; Large Pkt. 60c.

NEMOPHILA
Beautiful hardy Annuals producing an abundance of bright bell-shaped flowers all Summer. They grow best in moist, partly shaded situations. 1 foot. Packet 10c; Large Packet 25c.
6265 Insignis. Blue.
6266 Mixed.

NICOTIANA
Tobacco Plant

6260 Affinis. Pure white sweet-scented. 3 feet. Pkt. 10c; Large Pkt. 25c.
6261 Affinis Hybrids. Beautiful bright colored flowers sweet-scented. Packets in two sizes, 15c and 35c.
6262 Sanderia. Excellent variety producing masses of carmine red flowers. Packets in two sizes, 10c and 25c.
6263 Sylvestris. 4 to 5 feet. Long white tubular flowers; very fragrant. Packets in two sizes, 10c and 25c.
6264 Gracilis. White, shaded and veined purple with a yellow throat. Packets in two sizes, 15c and 35c.

NEREMBERGIA—Cup Flower
A handsome plant with showy bell-shaped flowers; useful as a pot plant or in the open border. 1 foot.

6266 Frutescens. Delicate lilac shading to white at the edge. Packets in two sizes, 10c and 25c.
6267 Gracilis. White, shaded and veined purple with a yellow throat. Packets in two sizes, 15c and 35c.

PANSIES
Many years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth, and deep-rooting, drought-resisting qualities. The flowers have also correspondingly improved in size, substance, form, and variety of colors. The varieties we offer are of the Giant Type, many wonderfully marked and blotched, and all of the most brilliant and attractive colorings. Pansies thrive best in cool moist semi-shaded positions. Seed should be sown in the early Spring for good flowering plants in the Autumn, or in July or August for strong plants the following Spring. For fertilizing we recommend Bone Fertilizer and Pulverized Sheep Manure.

6295 Breck's Boston Prize Mixed. A distinct type of Pansies of greatest merit. The plants are of compact bushy form. They root unusually deeply and in consequence are not susceptible to drought and heat. The flower stems are particularly strong and rigid, holding the flowers upright. Flowers are giant in size and show a profusion of colors. Packet 50c; Large Packet $1.25.

6296 Breck's International Prize Mixed. A splendid mixture for the florist or amateur gardener. Embraces countless colors and markings. Packet 25c; Large Packet 60c.

6302 Madame Perret. Red and wine shades. Packet 25c; Large Packet 60c.

6303 Masterpiece. Enormous flowers undulated or curled, fine rich colors. Packet 25c; Large Packet 60c.

TRIMARDEAU or GIANT FLOWERING
A most popular strain on account of the strong, sturdy plants and enormous flowers. Packet 15c; Large Packet 35c.

6311 Azure Blue. 6314 Cardinal, Red.
6315 Cornflower Blue. Blue.
6316 Fire King. Yellow and crimson.
6317 Golden-Yellow. Pure yellow.
6318 King of Blacks.
6319 Lord Beaconsfield. Violet shading to white.
6320 Pure White. 6325 Violet Blue.
6321 White, with dark eyes.
6322 Yellow, with black eye.
6328 Trimmerdau Mixed.
6329 Collection (6 colors). For 50c.

NIGELLA—Love-in-the-Mist
An interesting Annual with curious double flowers nestling in its feathery, bright green foliage. ½ feet.

6281 Miss Jekyll Blue. Packet 10c; Large Packet 25c.
6282 Miss Jekyll White. Packet 10c; Large Packet 25c.
6283 Mixed. Pkt. 10c; Large Pkt. 25c.

CÉNOTHERA—Evening Primrose
An attractive family worthy of more general cultivation. Splendid large flowering plants, free blooming.

6285 Bistorta Veitchiana. Very dwarf bright yellow. 1 foot. Pkt. 10c; Large Pkt. 25c.
6286 Rosea Mexicana Rose. ¾ foot. Packet 15c; Large Packet 35c.
6287 Taraxacifolia Alba. Large white flowers trailing habit. Packet 15c; Large Packet 35c.
6288 Annual Varieties Mixed. Packet 10c; Large Packet 25c.

OXALIS
Splendid class of plants with brilliant colored flowers, particularly suited to rock-work, hanging baskets, vases, etc.

6290 Tropaeoloides. Yellow with rich brown foliage. Packet 15c.

PENTSTEMON
Beautiful plants with broad green foliage and spikes of long, tubular flowers. Plants bloom from seed the first year if sown indoors in March. 2 feet.

6350 Gentianoides Mixed. The colorings and markings are wonderful. Pkt. 25c.
6352 Grandiflorus Newest Hybrids. The best strain for cutting. Pkt. 50c.

PERILLA
Ornamental Annuals with dark purple leaves resembling those of Coleus; useful for beds and borders. 2 feet.

PETUNIAS

Free-flowering, sweet-scented and easily cultivated. They are well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. We call special attention to the collections offered. The seed is all saved from the finest stocks known to us.

BRECK'S SINGLE GIANTS

6357 Breck's Ruffled Giants Mixed. The quality of this strain is unrivalled, the flowers being gigantic in size, beautiful in shape, deep-throated, and of various and brilliant colors. Packet 75c; Large Packet $1.75.

6358 Breck's Rose Queen. A lovely new Petunia producing immense heavily ruffled blooms of rich rosy pink with golden yellow throats. Pkt. 50c.

6362 Breck's Velvety Violet. This "Breck's Specialty" is of compact habit and distinctive color, an unusual subject for either bedding, growing in window boxes or in pots for conservatory decoration. The color is an intense shade of violet blue with a velvety sheen. Pkts. 50c and $1.25.

6364 Breck's Steely Blue. The plants are compact growing and free flowering producing immense single blossoms of a beautiful Steely-blue shade veined like Salpiglossis. A very distinct and effective color. Pkt. 50c.

BRECK'S DOUBLE GIANTS

6368 Breck's Double Prize Mixed. A magnificent strain. Will produce a large percentage of double flowers of the largest fringed varieties in many colors and tints. Packet 75c; Large Packet $1.75.

6370 Choice Double Mixed. An exceptionally fine strain, remarkable for the large, beautifully colored double flowers of finest texture. Packet 50c; Large Packet $1.25.

6371 Collection (6 varieties Large-Flowered Double). For $1.00.

SINGLE BEDDING PETUNIAS

6372 Alba. Pure White. Packet 10c; Large Packet 25c.

6374 Howard's Star. Rich crimson with a distinct white star in center. Packet 15c; Large Packet 35c.

6375 Kermesina. Crimson. Packet 10c; Large Packet 25c.

6376 Rose of Heaven. Brilliant clear rose valuable for bedding also as potted plants for Greenhouse and Conservatories. Packet 15c; Large Packet 35c.

6377 Rosy Morn. Light Pink with white throat, makes a very effective border. Packet 15c; Large Packet 35c.

6378 Snowball. A dwarf compact variety, producing satin white flowers. Packet 10c; Large Packet 25c.

6379 Striped and Blotched. The flowers are beautifully striped and blotched. The plants are dwarf. Fine for massing. Packet 10c; Large Packet 25c.

6380 Choice Single Mixed. A good mixture for bedding, baskets, vases, etc. Packet 10c; Large Packet 25c.

6381 Collection (6 separate varieties). For 60c.

BALCONY PETUNIAS

A variety first introduced in Europe a few years ago. The plants are dwarf and compact, and grow from 9 to 12 inches in height. During the Summer the plants are a mass of single flowers, and continue to bloom until frost. For window, balcony, or porch boxes the Balcony Petunia is of unusual and outstanding merit. Packet 25c; Large Packet 60c.

6382 Blue.

6386 Pure White.

6389 Choice Mixed.

6384 Dark Red.

6388 Rose.

PHACELIA

An early-flowering Annual with pretty blue flowers. 9 inches.

6390 Campanularia. Blue. Packet 10c; Large Packet 25c.

PHLOX DRUMMONDI

An extremely beautiful class of plants producing an abundance of bloom throughout the Summer. The flowers which are borne in immense trusses, are found in a variety of beautiful colors. Hardy Annuals. 1 foot. Pkt. 10c; Large Pkt. 25c.

6395 Blood Red (Black Warrior) 6400 Pure White

6396 Blush Pink 6401 Scarlet

6397 Dark Scarlet, white eye 6402 Striped

6398 Pink 6403 White, purple eye

6399 Purple 6404 Yellow

6405 Breck's Prize Strain. Mixed from the most beautiful and brilliant colors. 64091 Collection (6 distinct colors). For 50c.
PHLOX
DRUMMONDII

NANA COMPACTA

A valuable class of dwarf compact Phlox of many colors and very suitable for bedding or pot culture. 6 inches. Packet 15c; Large Packet 35c.

6410 Apricot. A lovely delicate shade.
6411 Carmine. A brilliant color.
6412 Chamois Rose. Beautiful deep pink.
6413 Crimson. A deep dark shade.
6415 Salmon Rose. A beautiful color.
6416 Scarlet. Brilliant deep scarlet.
6417 White. Pure white.
6418 Yellow. Buff yellow.
6419 Choice Mixed.

PHYSALIS—Chinese Lantern Plant

Recently this decorative plant has jumped into great popularity, and it has become a feature in the Florist Shops in autumn because of its bright orange-scarlet lantern-like fruits. If seed is sown early it will bloom the first year. We therefore list it among the annuals. An interesting plant, grown for its bright orange-red fruit. 2 feet.

6425 Francheti. Packet 15c; Large Packet 35c.

POPPIES

The Annual Poppies are a class of flowers having a wide range of beautiful colors from pure white through the most delicate blush tints to the brilliant shades of rose and scarlet. There are also deep crimsons as well as many flowers striped, blotted, or edged with harmonizing and contrasting shades.

Our new strains of Poppies produce softer and more pleasing shades than we have offered hitherto. Sowing in May, and again several times during Spring, produces continuous bloom from early Summer until frost. The seed should be sown where the plants are to bloom, as Poppies do not take kindly to transplanting. Cover seed very lightly, and firm the soil with a flat board.

SINGLE ANNUAL VARIETIES

6430 Breck's Selected Shirley Mixed. An extra choice strain of these charming Poppies. We pay special attention to the selection of colors which contain pure white, pink, terra-cotta, salmon, chamois, rosy carmine to deepest crimson, and rosy red. Many of the flowers are beautifully flaked or edged with white. 1½ feet. Packets in two sizes, 10c and 25c.

6436 English Scarlet Field Poppy. This single Poppy is so much admired by tourists in Europe where it grows wild on railroad banks and in the fields. ½ feet. Packet 15c; Large Packet 35c.

6438 Flanders Field. Our original stock having been saved in the fields of Flanders will prove true. For a color effect there is nothing quite so brilliant as a bed of these crimson Poppies. 1½ feet. Packet 15c; Large Packet 35c.

6440 Glaucum (Tulip Poppy). Dazzling scarlet. 1 foot. Packet 10c; Large Packet 25c.

6444 Mephisto. Scarlet with black spots. 2 feet. Packet 10c; Large Packet 25c.

6446 Miss Shepherd. Satiny white, shading to bright rose. 2½ feet. Packet 10c; Large Packet 25c.

6450 Picotée. Beautiful white, with well defined crimson edge. Packet 10c; Large Packet 25c.

6451 Shirley Wild Rose. Pink. Packet 15c; Large Packet 35c.

64531 Collection of Shirley Poppies. (12 distinct colors). For 75c.

6455 Eldorado Double Shirley. A new creation in annual Poppies. A marvel of beauty throughout the Summer; flowers are double and semi-double. This strain includes an almost endless variety of colors. They should be sown as early in the Spring as one can work the ground. Packet 25c; Large Packet 60c.

6457 Cardinale. Double Scarlet. A splendid variety which has large globular flowers of an intense scarlet red. 1½ feet. Packet 10c; Large Packet 25c.

6460 Carnation-Flowered Mixed. The flowers of this variety are large and finely fringed. 2 feet. Packets in two sizes, 10c and 25c.

6466 Mikado (Striped Japanese Poppy). Scarlet and white. This magnificent Poppy is like a Japanese Chrysanthemum. The flowers are brilliant scarlet and white with elegant curved petals. 1 foot. Packet 10c; Large Packet 25c.

6482 Single Scarlet Mixed. Producing a large percentage of double flowers. Packet 15c; Large Packet 35c.

DOUBLE ANNUAL VARIETIES

6474 Boston Peerless. Double and single mixed. A wonderful variety of brilliant dazzling colors. 2 feet. Packet 10c; Large Packet 25c.

6481 Single Pink

6482 Single Scarlet

6483 Single Striped

6484 Single White

6485 Single Yellow

6486 Single Mixed

64891 Collection Single. (6 colors). 50c.

6490 Double Mixed. Producing a large percentage of double flowers. Packet 15c; Large Packet 35c.

PORTULACA

Sun Plant

Beautiful little plants which will bloom profusely all Summer. Their richly colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy Annual. ½ foot. Packets in two sizes, 10c and 25c.

PORTULACA

Sun Plant

Beautiful little plants which will bloom profusely all Summer. Their richly colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy Annual. ½ foot. Packets in two sizes, 10c and 25c.

6495 Golden Feather. A foliage plant, valuable for bedding. 6 to 8 inches. Packet 10c; Large Packet 25c.

RHODANTHÈ—Everlasting

Neat, slender plants bearing graceful, nodding heads of flowers. Hardy Annual. 1½ feet. Packet 10c; Large Packet 25c.

6500 Maculata. Rose and crimson.

6501 Maculata alba. White.

6502 Manglesii. Rose.

6503 Mixed.

FOR PERENNIAL VARIETIES SEE PAGE 47
**SALPIGLOSSIS**

These magnificent flowers, large and funnel-shaped, present an extremely pleasing variety of colors in mottled, veined, and self-colored forms. They are excellent for cutting and make a very showy and striking effect in beds or borders. **Packets in two sizes, 15c and 35c.**

- 6520 *Alba Luxea* White, gold veined
- 6528 Rose and Gold
- 6530 Scarlet and Gold
- 6522 *Crimson* 6532 Violet and Gold
- 6524 *Primrose* 6534 Violet
- 6526 *Purple and Gold* 6536 Mixed
- 6539 *Gloxiniæflora Choice Mixed*. Packets 15c and 35c.
- 6541 Collection (6 distinct colors). For 75c.

**SALVIA—Sage**

These popular plants produce brilliant flowers in the garden during the late Summer and Autumn. Sow the seed early indoors, or in a frame, in time to get good plants to set outdoors the latter part of May.

- 6546 *America*. Spikes of dazzling brilliant scarlet flowers. A fine bedding variety. Packet 25c; Large Packet 60c.
- 6548 *Blue Beard*. Bright purple, a splendid variety for bedding. Packet 15c; Large Packet 35c.
- 6550 *Farinacea*. An exceptional variety bearing long spikes of lavender-blue flowers well above the foliage. Fine for bedding and excellent for bouquets. Packet 25c; Large Packet 60c.
- 6552 *Patens*. Splendid type with intense bright blue flowers. 2 feet. Packet 25c; Large Packet 60c.
- 6554 *Splendens*. Elegant tall-growing variety with immense flower spikes of dazzling scarlet. 3 feet. Packet 10c; Large Packet 25c.
- 6556 *Splendens Bonfire*. Extremely handsome and effective variety producing large spikes of bright scarlet flowers. 2 feet. Packet 25c; Large Packet 60c.
- 6560 *Zurich*. Splendid dwarf variety. Long brilliant scarlet flower spikes. 1 foot. Packet 25c; Large Packet 60c.

**For Perennial Varieties see page 48**

**SAPONARIA**

Charming little plants producing numerous showy flowers all the season. Fine for ribbon borders. Hardy annual. 1 foot. **Packets in two sizes, 10c and 25c.**

- 6570 *Calabrica White* 6573 *Vaccaria*. Pale rose.
- 6571 *Calabrica Pink* 6574 *Vaccaria Alba*. White.
- 6572 *Calabrica Mixed.*

**RUDBECKIA**

Free-flowering plants with large showy flowers, growing well in almost any soil or situation; good for cutting.

- 6515 *Amplexicaulis*. Pure golden yellow. Packets in two sizes, 10c and 25c.
- 6516 *Bicolor Superba*. A fine variety forming a bushy plant covered, during the Autumn, with flowers of bright yellow with reddish brown centers. Pkts. 10c and 25c.

For Perennial Varieties see page 48
SCABIOSA—Mourning Bride
Throughout the season these beautiful plants produce large double flowers on long slender stems. Splendid for decorative purposes. Packet 10c; Large Packet 25c. (Unless otherwise priced.)
6580 Breck's Special Mixture.
6582 Cherry Red.
6584 Flesh Pink.
6586 King of the Blacks.
6590 Peach Blossom. Packets 25c and 60c.
6594 Rose.
6595 Shasta. Immense flowers of pure white. Packet 25c; Large Packet 60c.
6596 White.
6598 Yellow.
66091 Collection (5 distinct colors). For 50c.

SCHIZANTHUS—Butterfly Flower
Dainty, erect, hardy Annual plants with finely cut leaves and showy butterfly-like flowers; valuable for pot culture and for bedding.
6612 Chislehurst Giant Hybrids. New large-flowered strain embracing many exquisite violet and purple shades. Pkt. 50c; Large Pkt. $1.25.
6614 Breck's Excelsior Hybrids. A mammoth-flowered strain with markings and colorings such as are found in fancy Pelargoniums. The flowers have white, buff or rose ground colors. Unsurpassed for Winter greenhouse culture. Packet 50c; Large Packet $1.25.
6618 Retusus. Scarlet and orange. Packet 15c; Large Packet 35c.
6620 Retusus Albus. White with yellow blotch on lip. Pkts. 15c and 35c.
6622 Retusus Pink Beauty. Exquisite shade of rose; fine for cutting or groupings. Pkt. 50c.
6624 Wisetonensis Hybrids. A splendid plant for the house or greenhouse. A specimen in full bloom is a most exquisite picture. The colors range from soft pink to dark brown. Packet 25c; Large Packet 60c.

SCHIZOPETALON
Beautiful fringed flowers, with a delicious almond perfume.
6630 Walkeri. Pure White. ½ foot. Pkt. 25c.

SEDUM—Stonecrop
Dwarf-growing Annual or biennial plants with fleshy leaves, bearing clusters of small flowers. Much used for carpet-bedding, edging and rock-work.
6635 Coeruleum. Blue. Pkt. 25c.

SILENE—Catchfly
Attractive Annuals, producing numerous heads of bright colored flowers, useful for cutting.
6640 Armeria Mixed. 2 feet. Packet 10c; Large Packet 25c.
6644 Pendula Double Mixed. ½ foot. Packet 10c; Large Packet 25c.

STATICE—Sea Lavender
Handsome plants producing panicles of pretty little flowers all Summer. Very good in borders and rock-work.
6650 Sinuata Blue. Packet 15c; Large Packet 35c.
6652 Sinuata Rose. Packet 15c; Large Packet 35c.
6654 Sinuata White. Packet 10c; Large Packet 25c.
6655 Sinuata Yellow. Packet 10c; Large Packet 25c.
6657 Sinuata Mixed. Packet 10c; Large Packet 25c.
6659 Suworowii. Fine species producing numerous flower spikes of rosy carmine. Pkt. 25c.

STOCKS—Gilliflower
Stocks are universally admired and have for long occupied a prominent position in almost every garden. For beauty, dazzling effect, and long continuance of bloom, they are unsurpassed, while their delightful fragrance renders them indispensable for bouquets, vases, etc.
6658 Breck's Apricot Beauty.
A splendid Stock of rich beauty and of giant size, bearing flowers of a soft apricot shade daintily tinged with delicate blush pink. The plants grow to a height of about two feet and throw up immense central flower spikes surrounded by side shoots or laterals profusely covered with large fragrant flowers. Packet 50c.
Statice Suworowii

Schizanthus

BRECK'S PERFECTION CUT-AND-COME-AGAIN
An extremely beautiful strain of Stock, producing immense spikes of flowers in great profusion from mid-summer until frost. The flowers are unusually large and embrace a wide range of most beautiful and varied colors. 2 feet.

Packets in two sizes, 25c and 60c.

6660 Blood Red
6668 Flesh Pink
6674 Rosy Pink
6662 Canary Yellow
6670 Lilac
6680 White
6666 Dark Violet
6672 Light Blue
6682 Mixed
6684 Collection (of 6 varieties). For $1.25.

BRECK'S LARGE-FLOWERING TEN WEEKS
A splendid early-blooming variety extensively used for pot culture and Summer bedding. 1 foot. Packet 15c; Large Packet 35c.

6685 Brilliant Rose
6693 Dark Purple
6701 Scarlet
6687 Canary Yellow
6695 Deep Red
6703 White
6689 Crimson
6697 Light Blue
6707 Mixed.
6691 Dark Blue
6699 Rose
6709 Collection (6 distinct colors). For $1.25.

GIANTS OF NICE
A new French class equally good for Summer or Winter flowering. From sowing made in Spring the blooms appear in nine or ten weeks. The flowering season of these Stocks is unusually long. Packets 25c and 60c.

6721 American Beauty. Deep rose pink.
6724 Beauty of Nice. Delicate flesh pink.
6726 Mont Blanc. A magnificent white.
6728 Monte Carlo. Improved Canary Yellow.
6730 Queen Alexandra. Beautiful rose lilac.
6731 Salmon King. Beautiful salmon rose.
6736 Summer Night. A fine deep blue.
6738 Choice Mixed.
67391 Collection (6 separate varieties). For $1.25.

SUNFLOWER—Helianthus

Their strong growth makes them unsuitable for bedding; but they are very useful for massing and for screening purposes. They do well in sunny positions, in any kind of soil.

SINGLE ANNUAL VARIETIES

6750 Cucumerifolius (Miniature Sunflower). Bears small single, rich yellow flowers with black centre, from July until frost. 4 feet. Packet 10c; Large Packet 25c.
6752 Giant Russian. The common tall sort with immense single flowers. 7 feet. Packet 10c; Large Packet 25c.
6754 Henry Wilde. Orange with black center. 3 feet. Packet in two sizes, 10c and 25c.
6756 Miniature Golden Fleece. The cactus shaped flowers are of a clear golden yellow, with a dark centre. Pkt. 25c.
6758 Orion. Artistic and effective variety with Cactus-Dahlia-like flowers of a golden yellow shade. 4 feet. Packet 25c; Large Packet 60c.

6760 Red Hybrids. The forms of these Red Sunflowers are as interesting as beautiful. The color varies greatly, some plants produce flowers of a rich chestnut red, others red flowers tipped with yellow. 6 feet.
Packet 15c; Large Packet 35c.
6762 Stella (Improved Miniature Sunflower). Color golden-yellow with black disc. 4 feet.
Packet 10c; Large Packet 25c.

DOUBLE ANNUAL VARIETIES

6765 Californicus. Large double flowers of perfect form. 4 feet. Packets 10c and 25c.
6767 Globulus Fistulosus (Globe or Dahlia Sunflower). Large double flowers of a rich saffron color. 4 feet. Packets in two sizes, 10c and 25c.

6770 Red Hybrids. The forms of these Red Sunflowers are as interesting as beautiful. The color varies greatly, some plants produce flowers of a rich chestnut red, others red flowers tipped with yellow. 6 feet.
Packet 15c; Large Packet 35c.
6762 Stella (Improved Miniature Sunflower). Color golden-yellow with black disc. 4 feet.
Packet 10c; Large Packet 25c.

DOUBLE ANNUAL VARIETIES

6765 Californicus. Large double flowers of perfect form. 4 feet. Packets 10c and 25c.
6767 Globulus Fistulosus (Globe or Dahlia Sunflower). Large double flowers of a rich saffron color. 4 feet. Packets in two sizes, 10c and 25c.

6770 Red Hybrids. The forms of these Red Sunflowers are as interesting as beautiful. The color varies greatly, some plants produce flowers of a rich chestnut red, others red flowers tipped with yellow. 6 feet.
Packet 15c; Large Packet 35c.
6762 Stella (Improved Miniature Sunflower). Color golden-yellow with black disc. 4 feet.
Packet 10c; Large Packet 25c.
SWEET PEAS

Sweet Peas today are among the most popular and beautiful of all garden annuals. They have been vastly improved in the last few years and each season finds new colors and new forms in this family. Our list comprises all the latest Novelties and all the choicest varieties sent out of late years which have become noted for their color and the immense size of their flowers. As new varieties have been added, old varieties have been dropped from the list, a practice which insures our customers getting the very finest large flowering varieties which give three to four blooms on a stem.

CULTURAL DIRECTIONS

Sweet Peas require a cool moist soil with good under drainage. They should be grown if possible in full sunshine and where there is a good circulation of fresh air. It is most desirable to prepare the ground in the Autumn inasmuch as Sweet Peas should be planted the moment the frost is out of the ground in the Spring.

During the month of April select a sunny day for sowing the seeds which should be sown at a depth of 5 inches from the top of the trench. Sow the seeds as evenly as possible leaving the Peas from one to two inches apart in the trench. Cover the seeds with two inches of soil, and fill in the balance of the trench as they grow, until the soil is level with the surface. During dry periods do not fail to thoroughly water the Sweet Peas once a week. Syringing with cold water will prevent Red Spider. Spray with Evergreen if and when lice attack the plants. Fungtrogen or Bordeaux mixture will prevent mildew. During their growth if the weather be dry, the vines will benefit by being watered twice a week. About the end of June the surface of the soil should be well mulched with good decomposed manure or cocoanut fibre. To get the best results the seed should be inoculated with Stimugerm before planting. Stimugerm will insure a strong and vigorous vine.

GIANT SPENCER SWEET PEAS

Exhibition Mixture

The finest possible color combination of Spencer or orchid flowering Sweet Peas. Pkt. 10c; oz. 25c; ½ lb. 75c; lb. $2.50.

GIANT SPENCER VARIETIES

In Separate Shades

Prices unless otherwise noted: Pkt. 10c; oz. 50c; ½ lb. $1.50.

BICOLOR

6784 Blanche Ferry. Bright rose standard, wings white suffused with pink.
6787 Magic. Rosy amethyst deepening to blue.
6793 Mrs. Cuthbertson. Standard rose pink, wings white slightly flushed.

BLUE

6796 Colne Valley. Lavender blue.
6799 Commander Godsall. Violet blue.
6804 Heavenly Blue. Soft delphinium blue. Pkt. 15c; oz 75c; ½ lb. $2.50.
6807 Jack Cornwall, V. C. Deep violet blue.
6810 Wedgewood. Azure blue.

BLUSH

6816 Elegance. Blush lilac suffused with pink.
6819 Valentine. Blush pink.

CARMINE

6822 Doreen. Bright carmine. Pkt. 15c; oz. 75c; ½ lb. $2.50.
6825 Renown. Carmine rose.

CERISE

6828 Campfire. Bright cerise scarlet. Pkt. 15c; oz. 75c; ¼ lb. $2.50.
6831 Charming. Brilliant rosy cerise.
6835 Fiery Cross. Bright orange cerise.
6838 Hawlmark Cerise. Bright salmon cerise.
6841 Illuminator. Salmon orange overlaid cerise pink.
6844 Royal Salute. Deep cerise.
CREAM AND CREAM-PINK

6848 Daffodil. A deep cream of large size and with long stems.
6852 Dobbie’s Cream. Deep primrose. An older variety but still a favorite.
6855 Mary Pickford. A lovely flower of deep cream-pink suffused with salmon, easily surpassing any of its class. Pkt. 25c; oz. $1.00.
6858 Matchless. Cream. The best of the creamy-white varieties.
6861 Mrs. Hugh Dickson. Buff and cream pink.
6864 Picture. Creamy pink, suffused apricot of gigantic size.

CRIMSON

6867 Crimson King. Rich oxblood crimson, very bright.
6870 King Edward. Deep crimson, still considered one of the best.

LAVENDER

6873 Austin Frederick Improved. Giant pure lavender.
6879 Hawlmark Lavender. Clear pale bluish lavender.
6882 Lavender George Herbert. Bluish lavender.
6885 Powerscourt. One of the finest lavender varieties.
6888 R. F. Felton. Pinkish lavender.
6892 Wembley. Lavender blue. Pkt. 15c; oz. 75c.

MAROON

6895 King Manoel. Deep maroon, a fine dark shade.
6901 Warrior. Giant deep maroon, almost chocolate colored.

ORANGE AND ORANGE-SCARLET

6904 Defiance. Glowing orange scarlet.
6907 George Shawyer. Giant orange pink very bright.
6913 Mammoth. Blazing orange scarlet. Pkt. 15c; oz. 75c.
6919 Royal Scot. Bright orange scarlet, one of the best.
6922 Tangerine Improved. Glowing orange.
6926 Wizard. Glowing salmon scarlet of unusual brilliancy.

PICOTEE

6930 Jean Ireland. Cream edged with a deep shade of rose.
6936 Youth. A beautiful pure white edged with delicate soft rose.

PINK

6939 Barbara. Fine salmon.
6942 Countess. Pure rose pink, one of the older favorites.
6945 Elfrida Pearson. Giant shell-pink, one of the best.
6948 Hawlmark Pink. Rose pink, flushed salmon. The best of its class.
6951 Hawlmark Salmon. Pink flushed deep salmon, one of the best deeper pinks.
6957 Miss California. Beautiful orange salmon flushed with cream pink.

PURPLE

6960 Royal Purple. A true rich purple. The only one of its color.

SCARLET

6964 Hawlmark Scarlet. The finest bright scarlet.

EARLY-FLOWERING or LONG-SEASON SPENCERS

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

Prices unless otherwise noted Pkt. 15c; oz. $1.00.

7021 All White. Largest waved pure white.
7023 Amethyst. Royal purple.
7025 Aviator. Dazzling crimson scarlet.
7027 Blanche Ferry. Rose pink, white wings.
7029 Blue Bird. Violet blue.
7033 Cream. Deep cream.
7035 Fair Maid. Blush pink, suffused salmon.
7037 Glitters. Cerise.
7039 Grenadier. Dazzling scarlet. Pkt. 25c; oz. $1.50.
7041 Hercules. Rosy pink.
7043 Lavender King. Fine lavender.
7045 Mrs. Kerr. Salmon. Pkt. 25c; oz. $1.50.
7051 New Blue. Deep blue. Pkt. 25c; oz. $1.50.
7053 Orange King. Glowing orange. Pkt. 25c; oz. $2.00.
7055 Rose Dorée. Rose pink suffused orange. Pkt. 15c; oz. $1.00.
7056 Snowstorm Improved. Pure white.
7057 Sweet Lavender. Pure lavender. Pkt. 25c; oz. $1.50.
7059 Yarrawa. Rose pink with lighter pink wings.
7061 Zvolanek’s Rose. Giant rose pink.
7075 Choice Mixture of all colors. Pkt. 15c; oz. $1.00.

BRECK’S BOSTON MIXTURE

Old Fashioned Sweet Peas

A superb mixture of the well known and sweetly scented Grandiflora Type.

<table>
<thead>
<tr>
<th>Oz.</th>
<th>35c</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 lb.</td>
<td>1.00</td>
</tr>
</tbody>
</table>
Verbena

**SWEET WILLIAM**
A distinct new type. Seed sown in Spring will be in flower in early Summer. The flower heads are large, very fragrant, and beautifully marked in a great assortment of colors.

7080 Breck's Annual Mixed. Pkt. 15c; Large Pkt. 35c.

For Perennial Varieties, see page 49

**THUNBERGIA**
A slender trailing vine with neat green foliage and numerous extremely pretty flowers. Splendid for hanging-pots, vases, etc. Half-hardy Annual. Packet 10c; Large Packet 25c.

7085 Alata. Yellow with black eye.
7086 Alata Alba. White with dark eye.
7087 Mixed.

**TORENIA**
Very graceful, free-flowering plants producing an abundance of beautifully-colored flowers all Summer. Tender Annual. 1 foot.

7091 Fournieri White Wings. Pkt. 25c.
7092 Fournieri Grandiflora. Blue. Pkt. 25c.
7093 Fournieri Mixed. Pkt. 25c.

**TROPÆOLUM—Canary Creeper**
A quick-growing annual climber fine for trellis work or hanging-baskets.

7098 Canariense. Packet 10c; Large Packet 25c.

**VERBENA**
The Verbena is now one of the most popular flowers for bedding purposes, its vigorous growth, free-blooming qualities, and brilliancy of colors commending it to all growers. Ours is a fine giant-flowered strain. The following are most valuable for bedding purposes and massing. Packet 10c; Large Packet 25c. (Unless otherwise priced.)

**BRECK'S MAMMOTH**

<table>
<thead>
<tr>
<th>7100</th>
<th>7106</th>
<th>7109</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>Scarlet</td>
<td>White</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7102</th>
<th>7107</th>
<th>7110</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pink</td>
<td>Yellow</td>
<td>Mixed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7104</th>
<th>7108</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple</td>
<td>Striped</td>
</tr>
</tbody>
</table>

7111 Collection (6 distinct colors). For 50c.
7112 Auricula-Flowered Mixed. Large flowers with white eye on each floret.

**Zinnia—Breck's Giant**

| 7114 Helen Willmott. This variety of Verbena is the finest under cultivation and is unequalled for bedding. The flowers are very large and the color is a beautiful bright salmon-rose with white eye. Packets 25c and 60c. |
| 7116 Lemon Verbena (Aloysia Citriodora). Tender perennial with fragrant leaves. The sprays are useful for intermingling with flowers in bouquets. Packet 15c; Large Packet 35c. |
| **VIRGINIAN STOCK**
A pretty branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed.

7120 Venosa. A handsome half-hardy perennial with purple flowers remaining in bloom for a long period. Blooms the first season from seed. Packets 15c and 35c.

**VINCA—Madagascar Periwinkle**
Splendid tender perennials with luxuriant, dark green foliage and round, single flowers that bloom freely all Summer. Excellent for bedding and pot culture. Packets 15c and 35c.

**VISARIA—Rock Lychnis**
A slender-stemmed Annual bearing attractive flowers about 1 inch in diameter. Should be more widely known. 8 inches.

| 7132 Innocence. Pure white. Packets 15c and 35c. |
| 7133 Loyalty. Fine blue. Packets 15c and 35c. |

**WALLFLOWER**
Very highly prized old-fashioned plants grown largely for their fragrance. Packet 15c; Large Packet 35c.

<table>
<thead>
<tr>
<th>7140 Brown</th>
<th>7141 Red</th>
<th>7142 Yellow</th>
</tr>
</thead>
</table>

**WHITLAVIA**
Pretty hardy Annuals producing numerous bell-shaped flowers throughout the season. 1 foot.

| 7145 Gloxinoides. Blue, white throat. Packets 15c and 35c. |

**XERANTHEMUM—Immortelles**
Free-flowering and very desirable Everlastings

| 7150 Choice Mixed. Packet 15c; Large Packet 35c. |
BRECK'S ANNUAL FLOWER SEEDS

ONE OF THE MOST POPULAR AND MOST EXTENSIVELY USED OF ALL OUR HARDY ANNUALS FOR BEDS, MIXED BORDERS AND FOR CUTTING PURPOSES. THEY REQUIRE VERY LITTLE ATTENTION, AND WILL GROW IN ANY GOOD GARDEN SOIL. SEED SOWN EARLY IN THE GREENHOUSE WILL PRODUCE FLOWERING PLANTS IN JUNE WHICH WILL CONTINUE IN BLOOM ALL SUMMER. SEED MAY BE SOWN OUTDOORS AFTER DANGER FROM FROST IS OVER, AND THE PLANTS WILL BLOOM FROM AUGUST UNTIL LATE AUTUMN.

ZINNIA—BRECK'S DWARF DEFIANCE

This type of Zinnia is ideal for cut flower purposes and mass bedding. Packet 10c; Large Packet 25c.

7225 Carmine
7227 Crimson
7231 Flesh Pink
7233 Golden Yellow
7235 Light Scarlet
7237 Light Yellow
72491 Collection (of 6 varieties). For 50c.

BRECK'S DAHLIA FLOWERED

New type of large-flowered broad petal Zinnia, being much larger than the Giant Type. Packet 25c; Large Packet 60c.

7200 Canary Bird. Delicate Primrose.
7202 Crimson Monarch. Best Red.
7204 Dream. Deep lavender shading to purple.
7206 Exquisite. Light rose deeper to centre.
7210 Old Rose. Rich old rose shade.
7212 Oriole. Immense orange and gold.
7214 Polar Bear. Large pure white.
7216 Breck's Special Mixture. All colors.
72191 Collection (6 varieties). For $1.25.

BRECK'S GIANT

(Grandiflora Plenissima). The flowers of this variety measure from 2 to 3 inches across, are mostly very double, borne on long, stiff stems. It is an excellent strain of Zinnia. Packet 15c; Large Packet 35c.

7155 Cream 7163 Picotee 7171 Scarlet
7157 Crimson 7165 Purple 7173 Sulphur Yellow
7159 Flesh Color 7167 Rose 7175 Violet
7161 Golden Yellow 7169 Salmon 7177 White
7179 Breck's Giant Mixed
71841 Collection (6 varieties). For 75c.

BRECK'S DWARF DEFIANCE

This type of Zinnia is ideal for cut flower purposes and mass bedding. Packet 10c; Large Packet 25c.

7155 Cream 7163 Picotee 7171 Scarlet
7157 Crimson 7165 Purple 7173 Sulphur Yellow
7159 Flesh Color 7167 Rose 7175 Violet
7161 Golden Yellow 7169 Salmon 7177 White
7179 Breck's Giant Mixed
71841 Collection (6 varieties). For 75c.

OTHER VARIETIES

7250 Achievement. Distinct from all other Zinnias hither-to raised. The petals are partially tubular at the base and expand in a cactus-like form towards the tip. Packet 25c; Large Packet 60c.
7255 Curled and Crested Mixed. 1 foot. Packets in two sizes, 15c and 35c.
7260 Tom Thumb Mixed. 6 inches. Packets 15c and 35c.
7265 DWARF RED RIDING HOOD. When in bloom a bed of this Zinnia closely resembles a planting of Salvia. The established emblem of Breck's Radio Garden Club. A perfect compact plant, covered the entire season with small button-like double flowers of an intense scarlet. Packets in two sizes, 15c and 35c.
There can be no greater joy than to create a garden plan through the agency of one's own imagination and then to work out that plan by actually growing from seed the special varieties desired. For many years we have laid great stress on the selection and quality of our Perennial Flower Seeds realizing that this particular branch of gardening was rapidly becoming one of country-wide interest.

In the following list we offer, we believe, all the varieties of Perennials that have played a part in fashioning the old and famous gardens of New England. For your guidance we briefly touch on the distinction between Biennials and Perennials and suggest methods of culture long practised by those who make the growing of Perennials their profession.

PERENNIALS

Or as they are often termed "Herbaceous Plants," go on living and increasing for a number of years, the stems dying down each season and coming again from the roots each Spring. Perennials are easily raised from seed which should be sown during late Spring and early Summer in the cold frame. These seedlings should be ready for planting out into beds in Autumn and then transferred to their permanent quarters in Spring.

ACANTHUS—Bear's Breech
Suitable for backgrounds of borders and for sub-tropical effects. Leaves large, rough, and beautifully outlined, 3 feet.

7310 Latifolius. Purple. Packet 15c; Large Packet 35c.
7312 Mollis. Pure white. Pkt. 15c; Large Packet 35c.

ACHILLEA—Yarrow
A very free-flowering hardy plant producing a wealth of pure white double flowers which are borne in clusters; blooms all Summer. An excellent plant for rock work. 2 feet.

7317 Ptarmica, The Pearl. Improved variety. Packet 25c; Large Packet 60c.

ACONITUM—Monkshead
Flowers bell-shaped, produced on long spikes. An old garden favorite, and an excellent plant for the hardy border. 3 feet.

7320 Lycocotonum. Yellow. Pkt. 25c.
7326 Napellus Albus. White. Packet 15c; Large Packet 35c.
7332 Wilsonii. Light blue. September and October. Pkt. 25c.

BIENNIALS

Are plants which require two seasons to come to full maturity, after which they ripen their seed and die off. Perhaps the best mode of treatment is to sow in frames in the latter part of June, during July, and up to the middle of August, and winter them in boxes; plants treated in this way will flower early in Summer.

ADENOPHORA
Beautiful hardy Perennials with drooping bell-shaped flowers blooming in August.

7336 Potannini. Light blue, 2 feet. Pkt. 25c.
7345 Grandiflora. Rosy Lilac. 1½ feet. Pkt. 25c.

ADONIS
One of the earliest plants to flower in Spring; good among other Perennials, or planted under shrubs. Flowers resemble buttercups. Foliage finely cut. 1 foot.

7340 Vernalis. Bright yellow. Packet 10c; Large Packet 25c.

AETHIONEMA
A spreading, bushy Perennial with an abundance of rosy-Hiac flowers during June and July.

7345 Grandiflora, Rosy Lilac. 1½ feet. Pkt. 25c.

Joseph Breck and Sons:
It may be of interest for you to know, that the seeds you have been supplying me with for the past number of years have been producing excellent results.

Very truly yours,
Alexander Cruickshank, Supt.
A. L. Higginson Estate,
Manchester, Mass.
ACHILLEA

AGROSTEMMA
A free-flowering border plant with attractive flowers that are excellent for cutting. July and August.
7350 Coronaria Alba. Pure white. 1½ feet. Packet 10c; Large Packet 25c.
7352 Coronaria Crimson. Packet 10c; Large Packet 25c.
7354 Flos Jovis (Jove’s Flower). Deep pink. 1 foot. Packet 10c; Large Packet 25c.
7356 Hybrida Walkeri. Bright pink. 2 ft. Pkts. 15c and 35c.

AQUILEGIA—Columbine
This family is one of the most beautiful and popular among hardy Perennials. The different varieties present an unusual wealth of color from May to July. For growing in borders or filling up bays in shrubbery they are unsurpassed. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

7422 Breck’s Superb Hybrids. 2½ feet. This strain is the finest procurable. The colors range from the most delicate to the brightest shades and include many striking contrasts in the individual flowers. Long spurred. Packet 50c; Large Packet $1.25.
7423 Alba fl. pi. Large double flowers of pure white. 2 feet. Packet 15c; Large Packet 35c.
7426 Canadensis (Wild Columbine). A good plant for the rockery or hardy border. Very free-flowering. Scarlet and yellow. 1½ feet. Packet 15c; Large Packet 35c.
7428 Chrysantha (Golden-spurred Columbine). Fragrant and showy. Spurs very long and slender. One of the best golden yellow varieties. 2 feet. Pkt. 15c; Large Pkt. 35c.
7430 Chrysantha, Fl. Pi. Double yellow. 2 feet. Packet 25c; Large Packet 60c.
7432 Corulea (Rocky Mountain Columbine). Foliage much divided. One of the best. Particularly good for rockery planting. Violet and white. 3 feet. Pkts. 25c and 60c.
7434 Glandulosa Vera. One of the best and hardiest. 1½ feet. Flowers very large. Blue and white. Pkt. 50c.
7442 Rose Pink Shades. Large flowers with long spurred; colors range from pale pink, through all the intermediate shades to deep rose pink. Pkt. 50c.
7443 Rose Queen. Long spurred. Pink with white center. 2 feet. Pkt. 50c.
7445 Snow Queen. Long spurred. Pure white. 2 feet. Pkt. 50c.
7448 Skinneri (Mexican Columbine). Very showy and distinct. Petals yellow tipped green, scarlet spurs. Packet 25c; Large Packet 60c.
7456 Double Hybrids Mixed. Double flowers in a large variety of color. Packet 25c; Large Packet 60c.
7458 Long Spurred Hybrids. Mixed. A wonderful strain comprised of flowers of all shades. Excellent for borders and rockeries. Packet 25c; Large Packet 60c.

ALSTROEMERIA
Exceedingly attractive flowers resembling Lilies, borne on long slender stems, of great value as a cut flower. Half-hardy Perennial.
7368 Chilensis. Mixed. 3 feet. Packets 25c and 60c.

ALYSSUM—Goldentuft
A good edging plant of easy culture. Foliage velvety gray. Flowers fragrant, in numerous small clusters. Early spring.
7370 Saxatile Compactum. A single plant in one year will produce hundreds of bright yellow flowers. 1 foot. Packet 15c; Large Packet 35c.
7372 Silver Queen. Pale primrose—very dwarf and compact. Pkt. 25c.

ANCHUSA—Alkanet
A useful Perennial. Blooming constantly if not allowed to go to seed. Foliage rough, flowers in numerous small panicles resembling those of the Forget-Me-Not.
7380 Barrelieri. Deep blue. 1½ feet. Pkts. 25c and 60c.
7383 Italica Dropmore. One of the finest herbaceous plants grown. The flowers are of a most lovely shade of gentian blue, excellent for cutting. 3 to 4 feet. Pkts. 25c and 60c.

ANTHEMIS
A profuse bloomer and very showy. A good border plant. Daisy-like flowers from June until frost.
7408 Montana. A pretty small flower like a white chrysanthemum. 6 inches. Packet 15c; Large Packet 35c.
7412 Tinctoria. Lemon Yellow. 2 feet. Pkts. 15c and 35c.

ANTHERICUM
Beautiful white, fragrant, lily-like flowers: excellent for cutting. May and June. Packet 25c; Large Packet 60c.
7416 Liliago (St. Bernard’s Lily). White. 1½ feet.
7418 Liliumstrum (St. Bruno’s Lily). White with green-spotted petals. 2½ feet.
ARABIS—Rock-cress
Showy border or rock plants. Masses of small star-shaped flowers completely cover the plant in early Spring.
7460 Alpina. Pure white fragrant flowers. Will grow well in rather shaded positions. Height 6 to 9 inches. Packet 10c; Large Packet 25c.
7462 Compacta Multiflora. Improved variety of Alpina of dwarfer habit. Packet 25c; Large Packet 60c.
7463 Rosea. Dwarf and floriferous. Pkt. 50c.

ARISTOLOCHIA—Dutchman’s Pipe
One of the best climbing vines, with immense heart-shaped leaves of a deep rich green color, valuable for covering walls and trellises.
7465 Sipho. Pkt. 50c.

ARMERIA—Thrift or Sea Pink
Fine for edgings or borders. The bright tufted flowers are produced all Summer.
7468 Formosa. Crimson. 1½ feet. Packets 15c and 35c.
7470 Splendens. Deep pink, 1 foot. Pkts. 25c and 60c.

ASCLEPIAS—Milk Weed
An excellent border plant with flat clusters of brilliant flowers. July and August.
7475 Tuberosa. Bright orange. 2½ feet. Pkt. 25c.

ASPERULA—Sweet Woodruff
Creeping plants, particularly good for bouquets. Fragrant leaves and flowers. Good for rock work.
7480 Odorata. Forms heads of snowy white flowers. 6 to 8 inches. Packet 15c; Large Packet 35c.
7484 Tinctoria. Small white flowers. Can be used for the same purposes as Gypsophila. Packets 15c and 35c.

ASTER—Michaelmas Daisy
These showy Perennials may be easily raised from seed and make attractive border plants.
7488 Alpinus Goliath. Flowers of lilac with yellow centers during May and June. 1 foot. Packets 25c and 60c.
7491 Novae Anglias Mixed. Tall growing, fall blooming varieties mixed. Packet 15c; Large Packet 35c.
7493 Sub-coeruleus. A dwarf, early blooming variety bearing immense flowers of clear mauve with deep yellow centers. Packet 25c; Large Packet 60c.
7494 Large Flowered Hybrids Mixed. 2 to 3 feet. Packet 25c; Large Packet 60c.

AUBRIETIA
Dwarf Spring-flowering perennials. Valuable for planting in rock gardens and borders. Height 4 inches.
7500 Bougainvillei. Purple. Pkt. 25c.
7502 Deltoides Lavender. Pkt. 25c.
7504 Large Flowered Hybrids. Many new shades, large flowers. Pkt. 25c.
7506 Leichtlini Rosea. Rosy Carmine. Pkt. 25c.

BAPTISIA—False Chamomile
An excellent Autumn-flowering Perennial, with daisy-like flowers resembling Autumn Asters. Good for the flower border or for planting among shrubs.
7545 Latisquama. Lavender. 5 feet. Packets 25c and 60c.

BELLIS PERENNIS—English Daisy
The English Daisies are very popular Spring flowering, perennial plants, often used for bedding with Pansies, Forget-Me-Not, Silenes, etc.
7515 Breck's Double Red Quilled. Packets 35c and 85c.
7517 Breck's Giant Double Pink. Packets 35c and 85c.
7521 Breck's Giant Double White. Packets 35c and 85c.
7523 Longfellow. Pink. Packet 15c; Large Packet 35c.
7525 Snowball. Pure white. Packet 15c; Large Packet 35c.
7527 Double Mixed. Packet 15c; Large Packet 35c.

BOCCONIA—Plume Poppy
An elegant, tall-growing Perennial with broad glaucous foliage and white flowers. Good for planting among shrubs.
7540 Japonica. White. 6 to 8 feet. Packets 10c and 25c.

BOLTONIA—False Chamomile
An excellent Autumn-flowering Perennial, with daisy-like flowers resembling Autumn Asters. Good for the flower border or for planting among shrubs.
7545 Latisquama. Lavender. 5 feet. Packets 25c and 60c.

BUPHOTHALMUM—Ox-Eye Daisy
A showy Perennial for the hardy border; large, single yellow flowers with brown centers. July and August. 2 feet.
7548 Salicifolium. Packet 10c; Large Packet 25c.

CALLIRRHOE—Mallow
Trailing plants with saucer-shaped flowers which bloom throughout the summer; useful for borders and rock work. 1 foot.
7550 Involucrata. Crimson. Packets 15c and 35c.
CAMPANULA MEDIA

Canterbury Bell

Well known, hardy biennials profusely covered with large bell or cup-shaped flowers; very showy in mixed borders and splendid for greenhouse and conservatory.

CAMPANULA—Bell Flower

Beautiful hardy perennial plants showing a great variety of form. Some are of tall stately habit while others are dwarf and compact, particularly suitable for borders and rockeries.

7590 Carpatica Cerulea. (Carpathian Hare Bell). Free-flowering with erect, clear blue flowers. Useful for edging; it blooms all summer. 6 inches. Packets 15c and 35c.
7593 Carpatica Alba. White form of the preceding. Packet 15c; Large Packet 35c.
7599 Persicifolia Grandiflora Cerulea. One of the finest of the hardy blue bell-flowers. 2 feet. Pkts. 25c and 60c.
7602 Persicifolia Grandiflora Alba. Extra long spikes of pure white flowers. 2 feet. Packets 25c and 60c.
7605 Persicifolia Gigantea Moerheimi. A beautiful variety with large, double, pure white flowers. 2 feet. Pkt. 25c.
7606 Persicifolia Telham Beauty. Bright, light blue, enormous flowers. 2½ feet. Pkt. 50c.
7608 Pyramidalis Compacta Alba (The Chimney Bell-flower). Very attractive as a border plant. As a decorative plant for conservatories or corridors this variety is most valuable. 4 feet. Packet 15c; Large Packet 35c.

7611 Pyramidalis Compacta Cerulea. Blue form of the preceding. Packet 15c; Large Packet 35c.

CANDYTUFT

Excellent for edging or border planting. Fine dark, glossy foliage and flowers completely covering the plant. 1 foot.

7618 Gibraltarica. Pink. Packet 15c; Large Packet 35c.
7620 Sempervirens (Evergreen Candytuft). White. Pkt. 15c; Large Packet 35c.

CARNATION—Hardy Pinks

These form low, bushy, tufted plants above which are produced on long stems, the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these Pinks are unrivalled.

7623 Allwoodi. A new race of Hardy Carnation Pinks with almost every shade of color except yellow. Pkt. of 25 seeds, 50c.
7625 Chaubaud Perpetual. Very free-flowering with a wide range of colors. 1½ feet. Packet 25c; Large Packet 60c.
7629 Grenadin Double Scarlet. Very bright scarlet, early, and of dwarf habit. Packet 25c; Large Packet 60c.
7631 Grenadin Double White. Very early and free flowering. Packet 25c; Large Packet 60c.
7633 Grenadin Double Mixed. Pkt. 25c; Large Pkt. 60c.
7637 Plumarius Double Mixed. (Double Pheasant’s Eye Pink). Beautiful flowers in various shades. Packet 25c; Large Packet 60c.
7639 Plumarius Single Mixed (Scotch or Pheasant’s Eye Pink). A beautiful single variety with fringed edges. Packet 15c; Large Packet 35c.
7643 Semperflorens (Everblooming Pink). Sweet-scented double, semi-double and single flowers in beautiful colors. Packet 15c; Large Packet 35c.

THE BOOK OF PERENNIALS
By Alfred C. Hottes

This is the best book yet published on the subject of growing Perennials. 200 pages. Fully illustrated.

Per copy $1.60 postpaid.
BRECK'S
PERENNIAL FLOWER SEEDS

CHELONE
A good border plant with brilliant Pentstemon-like flowers and grassy foliage. July and August. 2 feet.
7684 Tuckwood Daisy. Large flowers with double row of petals—pure white. July. 3 feet. Packet 25c and 60c.
For Annual Varieties see page 19, for Greenhouse Varieties see page 50.

COREOPSIS—Tick. Seed
One of the most constant flowering of all the Perennials. Rich green foliage. Good for grouping with shrubs or in the border.
7700 Grandiflora. This is one of the best hardy plants; the large, bright, showy yellow flowers are produced in abundance from June till frost. 3 feet. Packet 10c and 25c.
7702 Lanceolata. Yellow. 3 feet. Packets 10c and 25c.
For Annual Varieties see page 20.

DELPHINIUM—Larkspur
Great improvement has been made in the form and colors of these splendid border Perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubbery borders, and for cutting purposes.
7705 Breck's Superb Hybrids Mixed. Saved from a magnificent strain of all the best varieties, they range in color from delicate lavender through all the intermediate shades to the most intense blue. Packet 50c; Large Packet $1.25.
7708 Breck's Hollyhock Flowered. A remarkable new race which bears a striking resemblance to Hollyhock. Spire-like spikes of extraordinary length bearing flowers of indescribably rich and varied tints. Pkt. $1.00.

CHrysanthemum Shasta Daisy

CENTAUREA—Mountain Bluet
Flowers large, resembling cornflowers. Foliage hairy. July and August. 2 feet.
7648 Montana Alba. Pure White. Packets 25c and 60c.
7650 Montana Cœrulea. Large blossoms of deep blue. Packet 15c; Large Packet 35c.
For Annual Varieties see page 19

CEPHALARIA
A handsome border Perennial with sulphur-yellow flowers.
7655 Alpina. 3 to 4 feet. Pkt. 25c.

CERASTIUM—Snow in Summer
Perennial with silvery foliage and small white flowers; valuable for carpet-bedding, edgings and rock-work. 4 inches.
7658 Biebersteini. White foliage growing in clumps. Packet 15c; Large Packet 35c.
7660 Tomentosum. Narrow white foliage, fine for ribbon border. Packet 15c; Large Packet 35c.

CHEIRANTHUS—Siberian Wallflower
Early-flowering Perennial good for borders or rockeries. Continues in bloom all Summer. 1 foot.
7663 Allionii. Brilliant orange. Packets in two sizes, 25c and 60c.

CHELONE
A good border plant with brilliant Pentstemon-like flowers and grassy foliage. July and August. 2 feet.
7665 Barbata Torreyi. Scarlet. Pkt. 15c; Large Pkt. 35c.
7668 Hybrida. Mixed. Packet 15c; Large Packet 35c.

CHrysANTHEMUM—Giant Daisy
One of the most showy Summer-flowering Perennials. Flowers daisy-like, single, with yellow centers; the flower clusters are about 2 inches across. A profuse bloomer, excellent for the hardy border.
7706 King Edward VII. The most beautiful of the Maximum varieties; flowers large, pure white, and very perfect. July. 3 feet. Packet 25c; Large Packet 60c.
7708 Maximum Perfection. Large white flowers; a handsome cut flower. July. 3 feet. Packets 15c and 35c.
7702 Shasta Daisy. Large white flowers. June. 2 feet. Packet 15c; Large Packet 35c.

Echinops—Globe Thistle
**DICTAMNUS—Dittany or Gas Plant**
An old garden favorite with fragrant, glossy foliage that gives forth an odor like lemon when rubbed in the hands; a great favorite with bees. Packet 15c; Large Packet 35c.

7758 Fraxinella. Purple.
7760 Fraxinella alba. White.

**DIGITALIS—Foxglove**
Excellent hardy Perennials, producing long clusters of tubular flowers. Splendid for shrubbery, shady places, and borders.

7767 Breck's Selected Mixed. Giant spikes of flowers in a splendid variety of color from white through the various intermediate shades to the deepest rose, beautifully marked and spotted with crimson, purple or brown. They grow to a height of from 4 to 5 feet and produce a striking effect. Packet 25c; Large Packet 60c.

7769 Gloxiniaflora, Mixed. Beautiful spikes of flowers in many colors. The individual blooms with their spotted throats resemble closely Gloxinias. 4 feet. Packet 10c; Large Packet 25c.

7771 Grandiflora. Flowers, pale yellow spotted brown; small but effective. 4 feet. Packet 15c; Large Packet 35c.

7773 Macculata Superba, Ivery's Spotted Varieties Mixed. 3 feet. Pkts. 10c and 25c.

7775 Monstruosa Superba, Mixed. A wonderful mixture of gigantic bell-shaped flowers. 3 feet. Packet 15c; Large Packet 35c.

7777 Purpurea (Common Foxglove). Purple. 3 feet. Packet 10c; Large Packet 25c.

7778 Purpurea Alba. White. 3 feet. Packet 15c; Large Packet 35c.

7779 Purpurea Rosea. Pink. 3 feet. Packet 15c; Large Packet 35c.

7781 Mixed. 3 feet. Packet 10c; Large Packet 25c.

**DODECATHEON—Shooting Star**
An old-fashioned Perennial with drooping rosy-purple flowers in May or June, which, on account of the resemblance, is sometimes called American Cyclamen.

7784 Meadia. 1 foot. Pkt. 50c.

**THE PERENNIAL BORDER** should be given a good dressing of Breck's Fine Ground Fertilizer Bone every year. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. $1.25; 50 lbs. $2.00; 100 lbs. $3.00.

**ECHINACEA—Cone-flower**
A bushy showy plant with flowers, sometimes 4 inches across. Centre of flowers dark, drooping petals. July and August. 3 ft.

7788 Purpurea. Large, reddish-purple flowers. Packet 15c; Large Packet 35c.

**ECHINOPS—Globe Thistle**
Magnificent Perennial with large thistle-like heads of light blue flowers. July and August.

3 feet.

7792 Ritro. Packets in two sizes, 10c and 25c.

**EDELWEISS**
A hardy Perennial plant from the Swiss Alps; star-shaped white flowers. 6 inches.

7795 Gnaphalium Leontopodium. Pkt. 25c.

**EREMURUS**
A stately plant with long spikes of flowers. 8 feet.

7800 Robustus. Flesh pink. Pkt. 25c.
7802 Gold Medal Hybrids. Comprising a mixture of fine new colors. Pkt. 50c.

**ERIGERON**
An excellent hardy Perennial, producing flowers on stocky stems.

7808 Speciosus. Mauve with yellow centre—fine for cutting. June and July. 1½ feet. Pkt. 10c.

**ERYNGIUM—Sea Holly**
Handsome ornamental hardy Perennials, with beautiful thistle-like heads of azure blue, very finely cut foliage; excellent for Winter bouquets. July and August.

7812 Amethystinum. Deep blue. 3 feet. Packet 25c; Large Packet 60c.
7814 Giganteum. Handsome species with small round flower heads of pale blue. 2½ feet. Packet 10c; Large Packet 25c.

**EUPATORIUM**
A graceful Perennial bearing clusters of white flowers. August and September. 2 feet.

7818 Fraseri. Packet 15c; Large Packet 35c.
GAUILLARDIA—Blanket Flower

Flowers in various shades of yellow with dark brown centres. Excellent for the border and one of the best Perennials for cutting. June until frost. 3 feet.

- **Breck's Exhibition Hybrids.** This is an exceedingly showy, effective strain of perennial Gaillardia, producing large, handsome flowers of various colors, including clear golden-yellow, brilliant crimson, edged gold, and others banded with gold. Packet 25c; Large Packet 60c.

- **Grandiflora Maxima.** Yellow. Packets 15c and 35c.

- **Grandiflora Dazzler.** A seedling from Lady Rolleston. Vivid crimson centre, wide yellow margin; a splendid variety. Pkt. 25c.

For Annual Varieties see page 23

GALEGA

Ornamental plants with spikes of pea-shaped flowers; suitable for borders or cutting. 2½ feet.

- **Officinalis.** Purple. Packet 10c; Large Packet 25c.

- **Officinalis alba.** Pure white. Packets 10c and 25c.

GENTIANA

A dwarf-growing Perennial best suited to moist, shady spots.

- **Acuta.** Intense deep blue. ½ foot. Packet 15c; Large Packet 35c.

GERANIUM

7855 Sanguineum. Attractive, finely cut foliage and bright rosy-purple flowers. Packet 25c; Large Packet 60c.

GEUM

Fine herbaceous plants, well adapted for the hardy border. They produce an abundance of flowers suitable for cutting throughout the summer. 1½ feet.

- **Atrosanguineum.** The flowers are of deep orange-scarlet and semi-double. Pkt. 25c; Large Pkt. 60c.

- **Lady Stratheden.** Fine double yellow; same type as Mrs. Bradshaw. Packet 25c; Large Packet 60c.

- **Mrs. Bradshaw, FI. PI.** Very large double flowers of the brightest scarlet; an excellent variety. Packet 25c; Large Packet 60c.

- **Orange Queen.** A splendid variety, of a shade between that of Mrs. Bradshaw and Lady Stratheden; brilliant orange scarlet. Pkt. 25c.

GRASSES—Ornamental

Many of the ornamental grasses have a light graceful habit and are very effective in the hardy border or for groups on lawns, while others are particularly adapted to cutting for bowls or vases.

- **Arundo Donax.** (Great Reed). Drooping foliage; tall and stately. 12 feet. Pkt. 10c.

- **Erianthus Ravennæ (Plume Grass).** Often called hardy pampas grass on account of its close resemblance. Tall spikes of silvery plumes. 8 feet. Pkt. 10c.

- **Eulalia Japonica variegata.** Long narrow green leaves striped white. 5 feet. Pkt. 15c.

HELIANTHUS—Sunflower

7871 Eulalia Japonica Zebrina (Zebra Grass). So-called from cross stripes of yellowish-white at intervals on dark green leaves. Pkt. 15c.

7875 Paniculatum. Masses of flowers with fine feather stems and foliage, fine for cutting. Packets in two sizes, 10c and 25c.

7879 Stipa Pennata. Feather grass. Fine for cutting for bouquets. Pkt. 10c.

For Annual Varieties see page 23

GYPSOPHILA—Baby's Breath

A most graceful plant, excellent for the border. Numerous small flowers in feathery panicles. July and August. Very useful for cutting. 3 feet.

- **Paniculata.** Masses of flowers with fine feather stems and foliage, fine for cutting. Packets in two sizes, 10c and 25c.

HELENIUM—Sneezewort

Very showy daisy-like flowers in great profusion. Good among shrubs or back of other perennials. One of the best Autumn flowering hardy plants.

- **Autumnale Superb.** Large heads of bright golden yellow flowers. 4 feet. Packet 25c; Large Packet 60c.

- **Bigelowii.** Bright golden yellow with brown discs. 4 feet. Packet 25c; Large Packet 60c.

- **Hoopesii.** Orange yellow. An early flowering variety, blooming in June. 2 feet. Packet 15c; Large Packet 35c.

- **Riverton Gem.** Large flowers of orange-yellow with dark centre. 3 feet. Pkt. 15c; Large Pkt. 35c.

HELIOPSIS

Pretty branching perennial plants with numerous large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all Summer. 2 to 3 ft.

- **Golden Sun.** Yellow. Packets 15c and 35c.

- **Pitcheriana.** Yellow. Pkt. 10c; Large Pkt. 25c.

HESPERIS—Sweet Rocket

Old garden favorites, having splendid clusters of fragrant purple and white flowers useful for cutting. June and July. 2½ feet.

- **Matronalis.** Purple. Pkt. 10c; Large Pkt. 25c.

- **Matronalis alba.** White. Pkt. 10c; Large Pkt. 25c.

- **Mixed.** Packets in two sizes, 10c and 25c.

HEATHER—Calluna Vulgaris

Heather is a very handsome small shrub, well adapted to borders, dry slopes and sandy banks. Will also grow well in damp, partly shaded situations. Cut branches keep their life-like appearance for months.

- **Scotch Heather.** Pink. Pkt. $1.00.
HEUCHERA—Coral Bells
Very desirable herbaceous Perennials, blooming from Spring until late in the Autumn. Flowers are borne in loose panicles on stout stems well above tufts of heart-shaped leaves; splendid for rock-work. 1½ feet.

7939 Breck’s Choice Hybrids. New shades. Pkt. 35c.

HIBISCUS—Mallow
Flowers sometimes 5 inches across, with purple centers. Shrubby in growth. Good among shrubs or in the flower border. July to September.

7944 Moscheutos roseus. 5 feet. Packets 10c and 25c.

HOLLYHOCK – Althea
Grand Summer-flowering plants bearing long spikes of flowers to a height of six feet and over. These old inhabitants of our gardens, on account of their stately growth, are unequaled for planting along fences or buildings, or for background effect. They are perfectly hardy and when established will bloom year after year.

CHATER’S DOUBLE-FLOWERED
A magnificent strain remarkable for form and coloring. The flowers are very double and all the well-known colors are represented. Packets 25c and 60c.

7950 Apple Blossom
7952 Blush White
7954 Carmine
7955 Crimson
7958 Dark Maroon
7960 Lemon Yellow
7962 Newport Pink. Double flowers of beautiful pure pink
7970 Breck’s Silver Medal, Mixed. Contains every desirable color.
79721 Collection, Double (6 distinct colors). For $1.25.

BRECK’S SINGLE-FLOWERED
Many people prefer the single-flowered Hollyhock. When covered with their artistic blooms they are very attractive. Packet 25c; Large Packet 60c.

7974 Flesh
7976 Pink
7978 Purple
7980 Scarlet
7982 Rose
7984 Crimson
7986 Pink
7988 Scarlet

HUMULUS—Hop
A good vine for covering arbors, walls, fences, or tree trunks. Leaves rough; young flowers and hops very fragrant. 25 feet.

7998 Lupulus (Common Hop). Packet 15c; Large Packet 35c.

INCARVILLEA
Handsome plants with long green leaves and strong stalks bearing large Gloxinia-like flowers. June and July. 2 feet.

8002 Delavayi. Rose. Pkt. 25c.
8004 Grandiflora. Dark Carmine. Pkt. 25c.

INULA
A common Perennial bearing many Aster-like blossoms; useful for rock-work. June to August. 2 feet.

8008 Grandiflora. Yellow. Pkt. 25c.

IRIS
This variety is now extensively grown in the hardy garden. They bloom the second year from seed.

8012 Kaempfieri Mixed. (Japanese Iris.) Packet 15c; Large Packet 35c.

KUDZU VINE
Remarkably fast-growing vine with large green leaves and clusters of pea-shaped rosy-purple flowers. When well established it will grow from 40 to 60 feet in a season. The plant dies back to the ground in the Winter.

8015 Pueraria Thunbergiana. Packet 15c; Large Packet 35c.

LATHYRUS LATIFOLIUS—Perennial Pea
The everlasting peas are excellent hardy perennials. Their culture is very simple and they last a long time in bloom. For covering walls, trellises, or rockeries, as well as for cut flowers, they are most valuable.

8020 White Pearl. Packet 25c; Large Packet 60c.
8022 Pink Beauty. Packet 25c; Large Packet 60c.
8024 Splendens. Red. Packet 10c; Large Packet 25c.
8026 Mixed. Packet 10c; Large Packet 25c.

LAVENDER—Lavandula
An old favorite valued for its sweet-scented leaves and flowers.

8030 Spica (Sweet Lavender). Blue. 2 feet. Packet 15c; Large Packet 35c.
8032 Vera. Bluie. 1½ feet. Packet 15c; Large Packet 35c.

LIATRIS
Showy flowers in long spikes which are very effective among other Perennials or shrubs. Foliage grass-like. Pkt. 25c.

8036 Pycnostachya (Kansas Gay Feather). Rose-purple.
8038 Spicata (Blazing Star). Purple. 1½ feet.

LILIUM
8040 Regale. (Regal Lily). A beautiful lily from northern China, easily grown from seed. Large trumpet-shaped, white flowers flushed with yellow and shaded deep pink on outside of petals. July. Pkt. 50c.
BRECK'S 46 PERENNIAL FLOWER SEEDS

Lychnis

LINUM—Flax

Very attractive in clumps among other Perennials or in the rockery. Foliage delicate; flowers borne on slender stems.
8042 Flavum (Golden Flax). Yellow. 1 foot. Pkt. 25c.
8044 Perenne Album. White. Pkt. 10c; Large Pkt. 25c.
8046 Perenne Cœeruleum. Blue. Pkt. 10c; Large Pkt. 25c.
8048 Perenne Sorts. Mixed. Pkt. 10c; Large Pkt. 25c.

For Annual Varieties see page 25

LOBELIA

A lovely hardy plant; particularly good near streams or in moist, shaded places. Flowers in large brilliant spikes.
8052 Cardinalis (Cardinal Flower). A native variety with spikes of brilliant flowers; succeeds best in rather moist situations. 2 feet. Packet 25c; Large Packet 60c.
8054 Queen Victoria. Scarlet with dark foliage. Pkt. 25c.
8056 Syphilitica. Rich blue. Pkt. 25c; Large Pkt. 60c.

For Annual Varieties see page 25

LUNARIA—Honesty

Interesting plants with showy purple flowers and transparent, silvery seed-pods, which are very ornamental, and much used for Winter bouquets. Hardy biennial. 2 feet.
8058 Biennis. Packet 15c; Large Packet 35c.

LUPINUS

Leaves Palmate, flowers pea-shaped, in long spikes. An old garden favorite. 3 feet.
8060 Arbores. Bright-yellow. Pkt. 15c; Large Pkt. 35c.
8062 Arbores Snow Queen. Large pure white flowers. 3 feet. Packet 25c; Large Packet 60c.
8064 Polyphyllus Blue. Packet 10c; Large Packet 25c.
8066 Polyphyllus Rose. Very pretty rose shade. Packet 15c; Large Packet 35c.
8068 Polyphyllus White. Packet 10c; Large Packet 25c.
8070 Polyphyllus Yellow. Packet 25c; Large Packet 60c.
8072 Polyphyllus Mixed. Packet 10c; Large Packet 25c.

For Annual Varieties see page 25

LYCHNIS

Very striking Perennials having many brilliantly colored flowers borne on long stems. Splendid for cutting. June to September.
8075 Arkwrightii. A cross between Lychnis Chalcedonica and Haageana, resulting in flowers different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved.
8075 Arkwrightii. A cross between Lychnis Chalcedonica and Haageana, resulting in flowers different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved.
8077 Chalcedonica (Jerusalem Cross). Scarlet. 2 feet. Packet 10c; Large Packet 25c.
8079 Chalcedonica Alba. White. Packets 10c and 25c.
8083 Flos Cuculis (Ragged Robin). Pink. 2 feet. Packet 15c; Large Packet 35c.

LYTHRUM—Loose Strife

Foliage willow-like; flowers in graceful spikes. Good in the bog-garden or along streams. 4 feet.
8090 Roseum Superbum. Purple. Packets 15c and 35c.

MALVA—Mallow

Large, showy flowers growing well in almost any good garden soil, and blooming all Summer.
8095 Alcea (Hollyhock Mallow). Rose. 3 feet. Packet 15c; Large Packet 35c.
8097 Moschata (Musk Mallow). Rose-colored. 2 feet. Packet 10c; Large Packet 25c.
8099 Moschata Alba. White. 2 ft. Pkt. 10c; Large Pkt. 25c.

MIMULUS—Monkey Flower

A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-colored flowers. 1 foot.
8102 Cardinalis. Scarlet. Pkt. 25c.
8104 Tigrinus. Fine spotted varieties. Pkt. 25c.

MYOSOTIS—Forget-me-not

Plants of the Forget-me-not can be flowered first season from seed if started early in the Spring. Especially suitable for border and bedding, producing little blue star-like flowers early in the Spring.
8112 Alpestris Alba. White. ½ foot. Packets 10c and 25c.
8116 Alpestris Rosea. Rose. ½ foot. Packets 15c and 35c.
8118 Alpestris Victoria. A beautiful variety of dwarf bushy habit, bearing a profusion of large bright blue flowers. ½ foot. Packet 15c; Large Packet 35c.
8120 Alpestris Mixed. 1 foot. Packets 10c and 25c.
8126 Palustris Semperflorens. True water forget-me-not. Bright blue. ½ foot. Packet 25c; Large Packet 50c.
8128 Royal Blue. ½ foot. Packet 15c; Large Packet 35c.
8137 Star of Love. Very dwarf blue, dark green foliage. Packet 25c; Large Packet 60c.
NEPETA
Hardy perennial of the same family as the well known Catnip.
An excellent plant for edgings.
8139 Mussini. Blue-gray foliage surmounted by clouds of pale mauve flowers from May to September. 1 ft. Pkt. 25c.

ŒNOTHERA—Evening Primrose
Vigorous in growth, with decumbent, slender branches. These are completely covered with single flowers which are about 1½ inches across. Particularly good for the rockery.
8140 Afterglow. Clear yellow with bright red calyx; the flowers remain expanded in brightest sunshine. 2 feet. Packet 15c; Large Packet 35c. 8142 Fraseri. Large pale yellow flowers from June to October. 1½ feet. Packet 15c; Large Packet 35c. 8144 Lamarckiana. Large flowers. Yellow. 3 feet. Packet 10c; Large Packet 25c. 8146 Missouriensis. A low growing variety, the prostrate branches of which are profusely covered with golden-yellow flowers from June to August. Pkt. 15c.

For Annual Varieties see page 28

PENTSTEMON
A most useful and ornamental class of Perennials. For mixed borders or massing in beds they have few rivals. They have a wonderful range of colors with penciled throats. June to August. 3 feet.
8160 Digitalis. Pure white with purple spotted throat; magnificent large flowers. Packets 15c and 35c. 8163 Breck’s Giant Hybrids. Have a wide range of brilliant colors, rose, pink, lavender, crimson, purple, etc. Seeds sown in heat in January or February will bloom the same year. Pkt. 25c.

For Annual Varieties see page 28

PHLOX
The perennial Phloxes are among the best known and most satisfactory garden plants. Grown from seed, they vary greatly producing many unusual colors not found in the named varieties.

For Annual Varieties see page 29

PHYSOSTEGIA—False Dragonhead
Elegant bushy plants suitable for the border, bearing spikes of pink and white flowers throughout the season. Excellent for cutting. 2 feet.

PLATYCODON—Balloon Flower

POLEMONIUM—Jacob’s Ladder
A handsome border plant, with feathery fern-like foliage and clusters of bell-shaped flowers. June and July. 2 feet.

POPPY—Papaver
The large-flowering perennial Poppies are among the very handsomest plants in the garden. Large clumps of them have a most magnificent effect in shrubbery, in grass, and for naturalizing.

ALPINUM
A charming little Poppy with bright flowers resembling those of Papaver Nudicaule but dwarfer. Splendid for sunny borders or rock-work. 1 foot.

NUDICAULE
(Iceland Poppy.) This beautiful dwarf perennial Poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems. 1 foot.
8215 Album. White. Packet 25c; Large Packet 60c.

For new and rare Rock Plants see pages 2, 3, 4, 5.
PRIMULA—Primrose

These hardy flowers require protection during the Winter. They do best in a northern exposure. All are very beautiful and useful for garden and pot culture.

8262 Auricula Alpina. Mixed. Flowers in clusters. Foliage coarse and dense; good for the border or rock-garden where protection can be given in Winter. ½ foot. Pkt. 25c.
8266 Polyantha Giant Fancy (Polyanthus). Mixed. The earliest of the primroses to bloom. Flowers in loose clusters, large and very fragrant. Good under trees particularly on sheltered hillsides, or in the rock-garden. 1 foot. Packet 25c; Large Packet 60c.
8270 Veris Mixed. (Cowslip). 1 foot. Pkt. 25c.
8274 Mixed Hardy Sorts. An excellent mixture of various types containing a great variety of color. Packets in two sizes, 25c and 60c.

For Greenhouse Varieties see page 52

PYRETHRUM

Very beautiful hardy perennials with large, showy flowers and fine-cut foliage. Very desirable for beds and borders and useful as cut flowers.

8280 Atrosanguineum. Deep blood red. 2 feet. Packets in two sizes, 15c and 35c.
8282 Roseum Double Hybrids Mixed. Saved from the finest named varieties; splendid for cut flowers. 2 feet. Packet 25c; Large Packet 60c.
8284 Roseum Single Hybrids Mixed. Most effective in the border for their vivid colors and long lasting blooms. 2 feet. Packet 15c; Large Packet 35c.

For Annual Varieties see page 30

RUDBECKIA— Cone Flower

Strong, robust-growing plants, popular for borders. They are of very easy culture and flower all Summer and late Autumn.

8300 Fulgida. Orange-yellow with dark center. 2 feet. Packet 15c; Large Packet 35c.
8302 Newmanni. Yellow with maroon center. 3 feet. Packet 15c; Large Packet 35c.

For Annual Varieties see page 31

SALVIA—Meadow Sage

Flowers in large spikes, very showy. Foliage coarse and downy. A good border plant.

8304 Argentea. Large silvery foliage, flowers white. June. 3 feet. Packet 10c; Large Packet 25c.
8306 Pratensis. Large spikes of rich blue flowers. June to August. 1½ feet. Packet 15c; Large Packet 35c.

For Annual Varieties see page 31

SCABIOSA

A very free-flowering perennial with semi-double flowers about 2½ inches across. A good border plant. June to September. 2 feet.

8310 Caucasica Alba. A beautiful variety with large, pure white flowers. Pkt. 25c.
8312 Caucasica Coerulea. A splendid variety similar to the preceding, having light blue flowers. Pkts. 15c and 35c.
8314 Japonica. Very desirable hardy sort with delicate lavender-blue flowers borne on long slender stems. Packet 15c; Large Packet 35c.

For Annual Varieties see page 32

SIDALCEA

A fine hardy plant for the border bearing long spikes of flowers. Each plant develops a sheaf of spikes 5 to 6 feet high, well furnished with beautiful rose-colored flowers during June and July.

8325 Rose Queen. Pkt. 25c.

SOLIDAGO—Goldenrod

Hardy perennial producing large heads of deep golden-yellow flowers, often more than a foot long, blooms late in Summer. 3 feet.

8330 Canadensis. Packet 25c; Large Packet 60c.

STACHYS—Lambs' Ears

Hardy perennial with silvery-white leaves, much used in ribbon borders and edgings. 1½ feet.

8335 Lanata. Packet 10c; Large Packet 25c.

STATICE—Sea Lavender

Beautiful tiny flowers in large spreading sprays. Foliage dark green and leathery. One of the best perennials for cutting, also good in the border or rock-garden. 1½ feet.

8340 Gmelini. Violet-blue. Packet 10c; Large Packet 25c.
8342 Latifolia. Lavender-blue. Pkt. 10c; Large Pkt. 25c.
8344 Mixed. Packet 10c; Large Packet 25c.

For Annual Varieties see page 32

STOKESIA—Cornflower Aster

A most beautiful and charming hardy perennial, easily raised from seed, and flowering the first year if started early. The plant grows about 2 feet high and blooms from July to October.

8350 Cyanea Alba. White. Pkt. 25c.
8352 Cyanea Lavender. Packet 15c; Large Packet 35c.
PERENNIAL FLOWER SEEDS

SWEET WILLIAM
Dianthus Barbatus

Popular hardy biennials of easy culture extensively used in old-fashioned gardens, flowers of brilliant colors borne in large clusters, fine for cutting. 1½ feet.

8360 Breck’s Auricula-Eyed Choice Mixed. Packets in two sizes, 10c and 25c.
8362 Crimson. Packet 10c; Large Packet 25c.
8364 Holborn Glory. A mammoth strain. The markings are regular with well defined centers. Packets 15c and 35c.
8366 Newport Pink. Color watermelon-pink, fragrant. Packet 15c; Large Packet 35c.
8372 Scarlet Beauty. A distinct shade of rich scarlet, very effective in borders. Packet 15c; Large Packet 35c.
8374 White. Packet 10c; Large Packet 25c.
8376 Double Mixed. Packet 15c; Large Packet 35c.
8378 Single Mixed. Packet 10c; Large Packet 25c.

THALICTRUM

Thalictrum A fine herbaceous plant very useful for mixing with cut flowers.
8383 Adiantifolium. Graceful fern-like foliage. 1 ft. Pkt. 15c.
8385 Dipterocarpum. Handsome sprays of rosy purple flowers, golden anthers. 2 feet. Pkt. 50c.

TRITOMA—Red-Hot-Poker Plant

Early in Autumn these unique and striking plants produce tall, pyramidal spikes of blazing red, tubular flowers.
8390 Express. Scarlet. 3 feet. Packets 25c and 60c.
8392 Uvaria Grandiflora. Scarlet. Packets 15c and 35c.

TROLLUS—Globe Flower

An excellent hardy perennial having finely divided deep green foliage, and large globular flowers borne on stout stems. A good border plant, excellent for cutting. 1½ feet.
8398 Caucasicus. Orange. Pkt. 25c.
8400 Europaeus. Yellow. Packet 25c; Large Packet 35c.

VALERIANA

In Spring it bears dense clusters of small heliotrope-scented flowers. 4 feet. Packets in two sizes, 10c and 25c.
8406 Red
8408 White
8410 Mixed

VERONICA—Speedwell

Splendid hardy plants which bear unusually long spikes of small, showy flowers. 2 feet.

VIOLA CORNUTA—Tufted Pansies

Elegant free-blooming plants, good for shady borders.
8418 Admiration. Dark blue. Packets 15c and 35c.
8419 Lutea Splendens. Yellow. Packets 15c and 35c.
8420 Perfection. Light blue. Packets 15c and 35c.
8421 Mauve Queen. Mauve. Packets 15c and 35c.
8422 Papilio. Large-flowered very fine and free-blooming; deep violet. Packet 15c; Large Packet 35c.
8423 White Perfection. Pure white. Packets 15c and 35c.
8424 Choice Mixed. Packets 10c and 25c.

VIOLET—Viola Odorata

Pretty free-blooming, hardy violets with large fragrant flowers.
8425 Odorata Semperflorens. Dark blue. Pkt. 25c.
8427 The Czar. Violet blue. Pkt. 35c.
8428 White Czar. Pure white. Pkt. 35c.
8429 Mixed. Pkt. 25c.

WALLFLOWER—Cheiranthus

An old garden favorite, blooming in the Spring; much prized for its pretty fragrant flowers, which range from brown to yellow. 1 foot.
8430 Brilliant. Bright blood red. Packets 10c and 25c.
8435 Eastern Queen. Bright chamois changing to red. Packet 10c; Large Packet 25c.
8439 Ivory White. Packet 10c; Large Packet 25c.
8441 Primrose Dame. Clear primrose yellow. Packet 10c; Large Packet 25c.
8447 Single Mixed. Packet 10c; Large Packet 25c.
8450 Double Mixed. Packet 25c; Large Packet 60c.
84511 Collection (6 varieties). For 50c.

YUCCA—Adam’s Needle

Showy plants with long, narrow sword-like leaves and tall branching stalks of bell-shaped flowers. Very effective when planted in masses and among other Perennials.
8455 Filigora. Creamy white. Pkt. 25c.
FLOWER SEEDS FOR GREENHOUSE CULTURE

The seeds of these plants are very minute in most cases, and require great care and delicate handling to prevent failure. As soon as the young plants show their two seed leaves, they should be carefully pricked out into boxes, care being taken not to damage the roots. Many minute plants from the finer seeds are destroyed by drenching them with water—a vaporizer or sprayer should be used for watering.

### ABUTILON
Free-flowering greenhouse shrubs excellent for conservatory decoration.
- **8500** Breck’s Choice Hybrids Mixed. Pkt. 25c.

### ACACIA
Tender perennial shrub with graceful branches and sweet-scented flowers.
- **8510** Baileyana. Fine long flower sprays, excellent for cutting. Pkt. 25c.

### ACHIMENES
Fine Summer-blooming tender greenhouse perennial; valuable for pots or hanging baskets. The flowers vary considerably in size and are of the richest colors.
- **8520** Choice Mixed. Pkt. 50c.

### AGATHEA—Blue Marguerite
Tender perennial with small daisy-like flowers. Very useful for pot culture. 2 feet.
- **8525** Coelasis. Blue with yellow centre. Pkt. 25c.

### ANGELONIA
Sweet scented greenhouse perennial which blooms the first season from seed. Plants average 1½ ft. to 2 ft. in height and are especially suited for greenhouse and conservatories.
- **8527** Grandiflora. Pale lilac mauve. Pkt. 50c.
- **8528** Grandiflora Alba. White. Pkt. 50c.

### ASPARAGUS
Elegant greenhouse plants for hanging baskets or for cutting for bouquets and table decorations.
- **8573** Plamosus Nanus. Valuable for its graceful finely cut foliage. Pkt. 25c; for 100 seeds $1.25.
- **8576** Sprengerii. For conservatory decoration, bouquets, wreaths or sprays. Packet 25c; Large Packet 60c.

### CALCEOLARIA
Ornamental conservatory and house plants bearing numerous pocket-like flowers of brilliant self colors and handsomely spotted.
- **8595** Breck’s Scotch Prize Mixed. Flowers are beautifully blotched and striped in exceedingly rich colors of yellow, maroon, crimson, white, etc. Pkt. $1.00.
- **8598** Clibranii. The flowers are of deep golden-yellow and produced in great abundance on long slender stems. Pkt. 75c.
- **8607** James’s Giant Mixed. Fine for exhibition. Pkt. 75c.
- **8613** Rugosa. A shrubby variety; fine for bedding. Pkt. 50c.

### CELSIA
8616 Arcturus. Clear yellow flowers with purple anthers A decorative conservatory plant, flowering in about six months from date of sowing. Pkt. 50c.
- **8617** Cretica. Long spikes of large yellow flowers. An excellent cool greenhouse and conservatory plant. Pkt. 50c.

### CHRYSANTHEMUM
These can be flowered the same year from seed and are splendid for cut flowers or pot plants.
- **8627** Chinese Mixed. Large single flowers. Pkt. 25c.
- **8629** Pompon Mixed. Very free-flowering with small flowers. 2½ feet. Pkt. 25c.
- **8631** Comtesse de Chambord (Yellow Paris Daisy). 1½ feet. Pkt. 25c.
- **8633** Frutescens. (White Paris Daisy). An excellent plant for the greenhouse or Summer bedding out-doors. 1½ feet. Pkt. 15c.
- **8635** Japanese Mixed. Extra large double flowers with long twisted petals. Pkt. 25c.

### CINERARIA
To produce good plants for decorative purposes sow in May or June. These magnificent plants are indispensable for Spring decoration in the conservatory or window garden.
- **8640** Breck’s Columbia Strain. Tall Mixed. This includes every conceivable shade of pink, carmine, crimson, and blue as well as pure white. The flowers are of immense size, borne on plants of robust habit. 2 feet. Pkt. $1.00.
- **8642** Breck’s Columbia. Dwarf Mixed. Dwarf compact variety about 15 inches high. Pkt. $1.00.
- **8645** James Prize. Choice varieties, mixed. Seed is saved for us by one of the foremost growers in England from prize varieties and contains a magnificent range of colors. Pkt. 75c.
- **Separate colors—Pkt. $1.00**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antique Rose</td>
<td>$1.00</td>
</tr>
<tr>
<td>Crimson</td>
<td></td>
</tr>
<tr>
<td>Azure Blue</td>
<td>$1.50</td>
</tr>
<tr>
<td>Pure White</td>
<td></td>
</tr>
</tbody>
</table>
Geranium

**CACTUS-FLOWERED**

Large single flowers with narrow petals radiating from a small centre. This strain contains most beautiful color tints.

- **8662** Breck's Mixed. Pkt. 75c.

**MULTIFLORA NANA**

A new strain of compact habit. The leaves are smaller than those of the Grandiflora type and flowers, one inch in diameter, are borne in dense umbels well above the foliage. 1 foot.

- **8663** Mixed. Pkt. $1.00.

**STELLATA**

A splendid plant for conservatory decoration during the Winter and Spring. Immense heads of star-like flowers.

- **8665** Choice Mixed. Pkt. 75c.

**COLEUS—Flame Nettle**

Bedding and greenhouse plants with beautifully colored foliage. Leaves beautifully marbled and spotted.

- **8691** Large-Leaved Dwarf. 1 foot. Pkt. 25c.
- **8694** Choicest Mixed. 2 feet. Pkt. 50c.

**CYCLAMEN**

**BRECK'S GIANT STRAIN**

A superior strain with flowers of largest size and perfect form displayed well above the foliage.

- **8700** Breck's Imperial Mixed. Contains all the brilliant colors. Pkt. 75c; for 100 seeds $2.00.
- **8702** Bonfire. Very deep bright salmon. Packet $1.00; for 100 seeds, $3.50.
- **8704** Bright Red. Packet 75c; for 100 seeds, $2.50.
- **8708** Dark Red. Packet 75c; for 100 seeds, $2.50.
- **8710** Glory of Wandsbeck. Salmon. Packet $1.00; for 100 seeds, $3.50.
- **8714** Perle of Zehlendorf. Deep salmon. Packet $1.00; for 100 seeds, $3.50.
- **8719** Pure White. Packet 75c; for 100 seeds, $2.50.
- **8720** Rose of Marienthal. Bright rose. Packet 75c; for 100 seeds, $2.50.
- **8722** Rose of Zehlendorf. Delicate salmon. Packet $1.00; for 100 seeds, $3.50.
- **8724** White, with carmine eye. Packet 75c; for 100 seeds, $2.50.

**DRACÆNA**

Beautiful ornamental foliage plants, useful for greenhouse and sub-tropical decorations.

- **8752** Indivisa. Green. Packet 10c; Large Packet 25c.
- **8754** Veitchii. Red and green. Pkt. 25c.

**EXACUM**

A most useful greenhouse pot plant, flowers within six months after sowing, producing beautiful sweet scented flowers. 12 in.

- **8763** Affine. Beautiful rich blue. Pkt. 75c.

**FREESIA**

The colored Freesias are one of the novelties of late years. The beautifully tinted flowers are sweet-scented, easily grown; seedlings will bloom in 6 to 7 months after sowing.

- **8775** Hybrida Ragionieri. Choice mixed. Pkt. 50c.

**FUCHSIA**

A handsome bushy plant with numerous bell-shaped flowers.

- **8780** Hybrida Single Mixed. Pkt. 50c.
- **8782** Hybrida Double Mixed. Pkt. 75c.

**GENISTA**

A pretty branching plant bearing clusters of pea-shaped flowers.

- **8785** Canariensis. Bright yellow. Pkt. 15c; Large Pkt. 35c.

**GERANIUM**

Elegant greenhouse plants having an immense variety of single and double flowers.

- **8792** Show Pelargoniums. Mixed. Pkt. 50c.
- **8794** Zonale. Single mixed. Large-flowered. Pkt. 50c.

**GERBERA—Transvaal Daisy**

A handsome plant with large Daisy-like flowers on 12 to 18 inch stems. unsurpassed as cut flowers on account of their splendid lasting qualities. They are easily grown from seed.

- **8800** Jamesoni Gigantea. Very handsome large scarlet Marguerite. Pkt. 50c.
- **8802** Jamesoni Hybrida. Mixed colors. A much improved strain of Jamesoni. The colors are exquisitely delicate. Pkt. 50c.

**GLOXINIA**

A magnificent race of Summer-flowering plants. Their rich, velvety green leaves and graceful tubular flowers make them valuable for greenhouse and conservatory decoration.

- **8810** Breck's Giant Hybrids, Mixed. Pkt. $1.00.

**GREVILLEA—Silk Oak**

Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed.

- **8835** Robusta. Packet 15c; Large Packet 35c.

**HELIOPTROPE**

Greenhouse shrub having oval-shaped green leaves and heads of small intensely fragrant flowers that completely cover the plant. They are splendid bedding and pot plants.

- **8840** Chieftain. Deep purple. 2 feet. Packets 25c and 60c.
- **8843** Snowball. White. 2 feet. Pkt. 25c.
- **8846** Giant Hybrids Mixed. 2 feet. Packets 15c and 35c.
IMPATIENS—Perennial Balsam
A fine, bushy, greenhouse plant bearing many single brilliant flowers. Blooms almost continuously. Pkt. 25c.
8850 Sultanii. Bright rose, profuse and continuous blooming.
8852 Holstii Hybrids Mixed. A splendid mixture.
8854 Holstii. Vermilion red.

ISOLOMA
Splendid pot plants for the decoration of rooms. Seeds sown from January to March are ready to bloom from July to Winter. The richness of colors is simply startling. The plants are not sensitive to change, and are well fitted for cultivation in rooms.

MAURANDYA
Magnificent, tender climbing perennial having many showy trumpet-shaped flowers. Flowers from seed the first season.
8870 Choice Mixed. 10 feet. Pkt. 25c.

MIMULUS
A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-colored flowers.
8880 Moschatus (Musk). The well-known scented variety of musk. Very fine in hanging baskets; tender annual. Flower yellow. ½ foot. Pkt. 25c.

MUSCA ENSETE
8890 Abyssinian Banana. Of all the plants available to us for sub-tropical effects, this is the most luxuriant. It grows here from 12 to 15 feet high with leaves 6 to 8 feet in length. Seeds sown in January or February produce good plants for Summer bedding. Pkt. 25c; for 100 seeds $2.50.

PASSIFLORA—Passion Flower
A handsome rapid-growing vine which bears interesting flowers freely throughout the Summer.
8895 Coerulea. Blue. 30 feet. Packets 25c and 60c.

PHORMIUM — New Zealand Flax
An exceedingly handsome and curious plant with variegated sword-shaped leaves and orange-colored flowers produced on long spikes well above the foliage. A magnificent plant for lawn and greenhouse decoration.
8900 Tenax Polis Variegatis. Variegated leaves. Height 8 to 10 feet. Pkt. 25c.

PRIMULA
BRECK'S SUPERB STRAIN
Chinensis (Chinese Primrose). The seed we offer has been saved from only the most beautiful and perfect blooms, of large and fine substance. They are handsomely and heavily fringed and the colors are most diversified. Pkt. 75c.
8910 Breck's New Hybrids. A fine selection of the best hybrids, embracing the newer and rarer shades of red and yellow eye.
8913 Giant Crimson. A gorgeous shade of crimson.
8916 Giant Magnifica Blue. Large and beautifully fringed.
8919 Giant Pink. Delicate carmine-pink.
8925 Giant Queen Alexandra. Giant white flowers, 2½ inches across. Petals are very solid and erect.
8928 Giant Queen Mary. A lovely shade of flesh-pink.
8934 Giant Salmon. An exquisite color.
8937 Orange King. Orange-salmon, shaded terra cotta.
8945 Breck's New Giant Mixed. A fine selection of the best hybrids, embracing the newer and rarer shades of red and the clear-throated varieties. Pkt. 75c.
8946 Gigantea Eureka. Rosy carmine, shaded cerise, clear yellow eye.
8947 Gigantea Kermesina. Crimson.
8948 Gigantea Rosea. Fine rose.

OBCONICA GIGANTEA
A cross between Primula Obconica Grandiflora and Primula Chinensis, resulting in a Giant type with large dark foliage and sturdiy flower spikes. Pkt. 50c.
8960 Breck's Giant Hybrids. Vigorous-growing large flowers in a mixture of many new shades.
8962 Gigantea Coerulea. Blue.
8964 Gigantea Eureka. Rosy carmine, shaded cerise, clear yellow eye.
8965 Gigantea Kermesina. Crimson.
8966 Gigantea Rosea. Fine rose.

MALACOIDES
Charming pot plants for house and conservatory. Pkt. 50c.
8970 King Albert. Robust and free flowering with blooms of soft rose.
8972 Robusta. Lavender flowers of immense size.
8974 Snow Queen. Large blooms of pure white.

PELLANDERIATA
Our strain of this new and free-flowering Primula is unsurpassed; for cutting and pot culture they are unequalled. Pkt. 75c.

REHMANNIA
Greenhouse perennial from Central China. Erect habit, 2 to 3 feet in height with flowers 3 inches in diameter. Pkt. $1.00.
9000 Angulata. Rosy purple with yellow throat.
9001 Angulata Pink Perfection. Bright rose pink.

SAINTPAULIA
One of the most charming plants introduced in late years. Useful for greenhouse or table decoration; blooms all Winter. Pkt. 75c.
9005 Ionantha. Dark violet blue, golden-yellow anthers.

SMILAX
A handsome greenhouse climbing vine with delicate, dark green foliage; very useful for decorative purposes.
9000 Myrsiphyllum Asparagoides. Packet 10c; Large Packet 25c.

SOLANUM
Extremely beautiful plants of compact, branching habit, producing numerous brilliant berries set among ornamental green leaves.
9015 Capsicastrum (Jerusalem Cherry). Orange. Pkt. 15c.
9018 Clevelandii (Cleveland Cherry), Improved strain, this is a larger and better fruiting variety. Pkt. 25c.
9021 Wetherell's Hybrids. Red shades. Pkt. 15c.

STEVIA
Exceedingly beautiful and useful plants producing graceful sprays of tiny flowers. Largely cultivated by florists for Winter bouquets. Good for pot culture. Pkt. 15c.
9032 Purpurea.
9033 Serrata. White.

STREPTOCARPUS
A highly decorative greenhouse plant very free-flowering. The plants grow about 9 inches high and produce a great variety of trumpet-shaped flowers.
9041 Mauve Queen. Mauve with white throat. Pkt. $1.00.
9042 Rose Queen. Rose with white throat. Pkt. $1.00.
9043 Southgate Mauve. Mauve. Pkt. $1.00.
9044 Southgate White. Pkt. $1.00.
9045 Breck's New Giant Mixed. A fine selection of the best hybrids, embracing the newer and rarer shades of red and the clear-throated varieties. Pkt. 75c.

SWAINSONIA
Sweet-Pea-like flowers suitable for pot culture or bedding.
9050 Grandiflora. Mixed. Pkt. 50c.

TECOMA
A most useful greenhouse plant which blooms during the late Fall and Winter. Large heads of tubular-shaped flowers, height 18 inches.

TRACHELIELUM
Showy blue flowers. An interesting plant for greenhouse decoration producing large feathery heads of flowers.
9055 Coeruleum. Blue. Pkt. 15c.
BRECK'S VEGETABLE SPECIALTIES

BUSH BEAN—"The Wonder"
This bean is one of the earliest and longest podded varieties ever introduced making it exceptionally interesting for forcing and for exhibition. It is an immense cropper, producing fine long pods equaling those of Masterpiece and of superior quality. Given an award of merit by the Royal Horticultural Society of Great Britain. Originator's stock. 1 lb. $1.00; 2 lbs. $1.75.

BUSH BEAN—"Black Prince"
An early and exceedingly fine bean of the Superlative type, bearing a heavy crop of large beans, admirable for exhibition and of A1 quality. Imported stock. Black seeded. 1 lb. $1.00; 2 lbs. $1.75.

BUSH BEAN—"Asgrow Valentine"
This Bean is the result of 12 years' work in developing an absolutely stringless strain of the well-known and justly popular Black Valentine variety. The old variety, Black Valentine, has always been a Bean of superb quality, its only drawback being that it was stringy. Asgrow Valentine is entirely stringless, and in offering it now for the first time, we feel that it should find a place in every home garden as well as being a most profitable Bean for the market gardener. It has oval pods 6½ to 7 inches long and of a rich green color. The plants are of compact sturdy growth and they yield heavily. This Bean is sure to prove a great addition to the list of Green Pod Bush Beans. Package 50c; pound 75c; 2 lbs. $1.25; 8 lbs. $3.50.

THE BEST SWEET CORN FOR 1931

GOLDEN SUNSHINE
This popular extra early Yellow Sweet Corn has proven a highly desirable variety for New England. The stalks grow to a height of 4 or 5 feet. The ears are usually 5 to 6 inches long with 12 to 14 rows of large kernels. While the Corn stalks are short they frequently develop two ears to each stalk. Golden Sunshine has been found to be at least ten days earlier than the best types of Golden Bantam. We recommend it for Northern New England where it has been so difficult to develop the Golden Bantam Sweet Corn in a short season. Pkt. 25c; lb. 50c; 2 lbs. 90c; 12 lbs. $3.50.

GOLDEN DAWN—Reselected Stock
This strain of yellow Corn is a few days earlier than the well-known variety Golden Orange, which it closely resembles. It produces its crop about a week later than the extremely early variety Golden Sunshine. The ears of Golden Dawn are longer and more slender than the variety Golden Orange with eight, ten and twelve rows of kernels. It can be relied on to produce two ears to the stalk. Our special stock of Golden Dawn is New England grown and is the result of several years of the most careful selection. We recommend it as a highly desirable addition to the home garden. During the 1930 season it proved tremendously popular wherever it was grown, producing a heavier and much earlier crop than Golden Bantam and furnishing an ear more marketable, more attractive and of even better quality than its famous predecessor. Half-pound 25c; pound 40c; 2 lbs. 75c; 12 lbs. $3.50.
BRECK'S

VEGETABLE SEED SPECIALTIES

FIVE SUPERB NEW GARDEN PEAS

DWARF QUITE CONTENT
A true dwarf form of the famous main crop variety of the same name. The pods are larger than those of any other Dwarf Pea. Strongly recommended for the home garden as well as for exhibition. Midseason. Height 2 ft. 1 lb. $1.00; 2 lbs. $1.50; 4 lbs. $3.25.

THE MONSTER
A Pea of royal heritage and super size with handsome uniformly blunt ended deep green pods. This wonderful new Pea is a cross between Quite Content and the famous English variety Ne Plus Ultra. For quality this Pea is unsurpassed. A fine main crop variety. Height 5 feet. Offered in originator's sealed packets only. Per packet 50c.

KELVEDON WONDER
A splendid new dwarf wrinkled Pea, dark green, almost straight pointed pods, closely packed with delicious tender peas. Extra early, and a tremendous cropper. Hailed in England as the very best first early dwarf wrinkled Pea on the market. Height 15 in. 1 lb. 85c; 2 lbs. $1.50; 4 lbs. $2.75.

ADMIRAL BEATTY
A popular English variety which has developed very well here in New England. Medium early; height about 4 feet; remarkably prolific; pods usually contain 8 to 10 Peas of unusually fine quality. A good variety for exhibition. Our stock of seed is ENGLISH GROWN and selected for its trueness to type. Pound 40c; 2 lbs. 70c; 7 lbs. $2.50.

KING EDWARD VII
A superb second early variety developed by a famous English grower of garden Peas and becoming very popular in the New England states. A very heavy yielder; vines 2 feet or more in height requiring low brush or a trellis for proper support and development of the crop. Pods dark green and pointed, a good sort to follow Gradus or Sutton’s Excelsior in the home garden. Pound 40c; 2 lbs. 75c; 7 lbs. $2.50.

EXHIBITION LEEK
In order to meet the insistent demand for a true Exhibition Leek of great size and superior quality, we have imported this special strain of seed which we offer this year for the first time. Exhibition Leek has been a consistent prize winner in the United Kingdom wherever it has been shown. The long thick pure white stems and its super size make it of the greatest value for exhibition purposes. Sold only in sealed packets. Per packet 50c.

GOLDEN CHAMPLAIN

CANTELOUPE MELON
Considered by melon growers of long experience to be one of the most desirable, quick growing and early maturing muskmelons. Many growers claim that no other muskmelon will ripen up so quickly in the Northern States. Most desirable for the home garden; always medium size, round, has salmon flesh and small seed cavity; recommended for situations where the growing season is very short and also where there is a profitable market for the extra early melons. Pkt. 25c; oz. $1.00; ¼ lb. $3.50.
PREMIER ONIONS
(Originator’s Stock)
A monster Onion of exceptional quality and perfect form. Color a pale straw. A sensation wherever shown! A prize winner at every exhibition! We have no hesitation in saying that Premier qualifies as the “heavy weight champion of the world.” We recommend it unreservedly. Sealed packets only, 75c.

CRANSTON’S EXCELSIOR IMPROVED
An invaluable variety for competition as well as for the table. Handsome, globe shape, large, solid, small neck, straw color. Special stock. Per packet 50c.

AILSA CRAIG IMPROVED
A super onion which requires no introduction to those who grow for exhibition. We offer a specially selected stock of this well known variety. Packet 50c.

SWEET SPANISH
An improved Prizetaker. Larger than the type, earlier, milder, and a better shipper. A good slicing sort, in every way a most desirable early onion for the table or for market. Packet 15c; oz. 40c; ¼ lb. $1.50.

BROCCOLI
ITALIAN GREEN SPROUTING
Italian Broccoli has definitely taken its place among the “quality” vegetables for the home table. It has become universally popular. The strain we offer is highly desirable because of its close heading habit. Give it the same cultivation and the same table preparation as Cauliflower. It will give a continuous crop from August until late October. We recommend this vegetable most highly. Pkt. 50c; oz. $2.00.

LETTUCE
BRECK’S CALIFORNIA ICEBERG
BLIGHT RESISTANT
California seed growers have been working for many years on a blight resistant strain of the popular California Iceberg Lettuce. We now offer this improved strain which is considered the best blight resistant stock available, having all the good points of careful selection, namely, medium to large solid heads with close curled and crumpled dark green leaves. Package 25c; ounce $1.00; ¼ lb. $3.50.

PARSLEY—Green Gem
A true exhibition variety which we confidently feel far surpasses any other strain of Parsley heretofore offered to American gardeners. “Green Gem” represents a novelty of the very first class having been given the Royal Horticultural Society’s award of merit in 1927 in keen competition with numerous other strains. The plant is of compact growth with foliage of an exceptionally deep rich green color and exquisitely curled and crested. Original importation. Packets only 50c.
**ARTICHOKE**

**Cultural Directions.** The artichoke is a native of southern Europe and Northern Africa and is not dependably hardy in New England and the more northerly parts of the United States. Globe Artichokes require to be grown on a warm, very well drained and liberally manured piece of ground. From seeds started under glass in January strong plants in 4 inch pots can be secured and gradually hardened off ready to plant out towards the end of April. Allow at least 2 feet between the plants and 3 feet between the rows. Such plants will produce a very fair crop the same season but there will be much variation in the quality of the heads produced. The best plan is to mark and preserve the very best, lifting these in late Fall before freezing up weather and storing them in a cold frame or unheated cellar. In Spring plants may be carefully divided and planted out. Only in this way can we be sure of securing a first class strain of this excellent vegetable which apart from its value on the table is almost indispensable in choice collections of vegetables for exhibition. From seeds sown outdoors plants will not be of sufficient vigor to fruit the first season, for that reason it pays to start them in either a greenhouse or hothouse. One ounce of seed will sow 30 feet of drill; ¼ lb. to the acre.

**LARGE GREEN GLOBE.**

A MOST DESIRABLE VARIETY WITH BROAD, THICK, FLESHY HEADS. Pkt. 25c; oz. $1.00.

**JERUSALEM ARTICHOKE—Helianthus tuberosus**

**Cultural Directions.** There are both white and purple forms of this tuberous rooted member of the Sunflower family. Its use as a table vegetable is rather limited. It thrives extremely well on light sandy soil and is absolutely hardy. It is in fact liable to become a pest as no amount of freezing appears to injure the tubers. Either cooked or raw there is a moderate call for the tubers to be served cold for salading purposes. For the feeding of farm stock Jerusalem artichokes have considerable value, hogs are particularly fond of them. Plant in rows 3-4 feet apart, and allow a foot between the tubers.

**JERUSALEM ARTICHOKE TUBERS, QT. 40c; PECK $2.50.**

**ASPARAGUS**

**Cultural Directions.** For over 2,000 years Asparagus has been cultivated in Europe. It was popular amongst both the ancient Greeks and Romans and has attained great popularity in America. While growing on almost all types of soil it is best at home in a light and rather sandy loam. If soil chances to be heavy and the ground level it is a good plan to cultivate in beds containing two rows each, raising these a few inches above the level of the ground. Where the soil is suitable and drainage good rows can run from 3-4 feet apart. It is absolutely necessary to thoroughly prepare ground for this vegetable by liberal manuring and deep ploughing, digging or trenching. Cow or stable manure where obtainable is the best to use. As an asparagus planting will last for fully 20 years if land is well prepared at the outset, and suitable care is given each year, it most assuredly pays to treat the soil liberally. Planting can be done in both Fall and Spring, but April and early May is the best period. Both one and two year old plants may be used, the first named giving the best results. Trenches should be opened out to a depth of 6-8 inches and plants laid 15-18 inches apart. The roots should be spread out and covered rather lightly with light soil and as growth advances additional filling in may be done until the trenches are entirely levelled. There is a tendency today to plant less deeply and results are apparently quite satisfactory. No shoots should be cut from plantings the first year, and it is better to defer cutting until the third season. It is customary to discontinue cutting once Peas are in season. In Spring a surfacing of nitrate of soda is helpful, also a dressing of coarse fine salt. When cutting ceases a further top-dressing of a good chemical fertilizer rich in both nitrogen and potash will be of great benefit. In late Fall after the tops have been cut down a broadcasting of stable manure will be of great value. Seeds should be sown in early Spring in drills and covered 2 inches. Seedlings are best thinned to 3 inches apart. These plants will be ideal to use the following Spring for new plantings. Plant rust-resistant varieties like Argenteuil and the Washingtons where rust is troublesome. Spraying or dusting with arsenate of lead after cutting ceases will care for the asparagus beetle. One ounce of seed will sow 60 feet of drill; ½ lb. to the acre.

See page 83 for Asparagus Roots.

**MARY WASHINGTON.** Considered the best selection of the Washington types. The most uniform type of the so-called rust-resistant varieties. The shoots are excellent quality, deep green color, large and uniform. Pkt. 10c; oz. 50c; ¼ lb. $1.50.

**Early Giant Argenteuil.** Early prolific variety. Stalks white, slightly greenish, purple at top; of French origin and most desirable. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**Medicinal Asparagus Seed.** ¼ lb. 15c; lb. 50c.
BUSH BEANS

All Beans 20c per packet postpaid except as noted

Cultural Directions. Sowings of string beans can be made from April 19 until August 1 in the vicinity of Boston and very rarely is the first sowing injured by frost. In an experience of over 30 years, in only one year were early sowings injured. Occasionally August 1 sowings may not mature but in the case of open weather during the Autumn it pays to sow late. Use green podded varieties for the first sowings as they are somewhat harder than the wax type and their flavor is always superior to that of the wax podded varieties. Seeds may be sown singly in drills but a much better plan is to drop several seeds in hills 18 inches apart. Seeds should be covered two inches and rows should be at least 24 inches apart and 30 inches is better. To ensure a constant succession of tender beans sowings should be made at intervals of 10-14 days. Stir the soil frequently and lightly but not when foliage is damp as working amongst them will develop rust, especially is this true of the wax podded section. Two pounds of Beans will sow 100 feet of drill; 75 lbs. to the acre.

Inoculate all Beans before planting with STIMUGERM

Special Garden Size 25c; half bushel size 35c; bushel size 60c.

For list of new varieties see page 53

GREEN PODDED VARIETIES

©BURPEE'S STRINGLESS GREEN POD. Extra early, vigorous and productive. Pods 5 inches long, round, deep green in color and perfectly stringless. Quality excellent. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

©BOUNTIFUL. THE MOST POPULAR GREEN BEAN. Extra early, pods flat, 6 to 7 inches long, color light green. A distinct improvement over the old variety Long Yellow Six Weeks. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $2.20.

Black Valentine. An early, productive and profitable gardener’s variety. Pods long, slender, roundish and dark green. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $3.00.

Canadian Wonder. One of the best varieties for greenhouse or frame culture. Long, green fleshy pods. Quality superb. Heavy cropper. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

Early Red Valentine. One of the earliest and best. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

Giant Stringless Green Pod. Long, round, fleshy pods; prolific and stringless. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.25.

Low’s Champion or Red Cranberry. Pods large, green, flat, and quite stringless. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.25.

©MASTERPIECE. An excellent forcing variety. Prolific and pods of good quality. 1 lb. 65c; 2 lbs. $1.00; 8 lbs. $3.20.

Refugee, Early. Extra early and prolific. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

Refugee, Late or 1000 to 1. An excellent sort for pickling. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

©SUPERLATIVE. An excellent variety for forcing. Pkt. 50c; 1 lb. $1.00; 2 lbs. $1.75; 8 lbs. $6.00.

Triumph of the Frames. The best variety to grow under glass. 1 lb. 65c; 2 lbs. $1.25; 8 lbs. $4.00.

WAX PODDED VARIETIES

©GOLDEN WAX IMPROVED RUST PROOF. Early, long flat pods, quite immune from rust, stringless, the most popular variety for home garden. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.75.

Wardwell’s Kidney Wax. Early, pods 5 to 6 inches long, flat, straight, bristle and of good quality, a good shipper and a standard variety in Massachusetts. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.75.

New Kidney Wax. Resembles Wardwell’s Kidney Wax but more prolific, pods longer, very fleshy, stringless and of a bright yellow color. Popular with market gardeners. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.50.

Crackerjack Wax (Webber Wax). Plants very vigorous and productive. Pods 6 to 7 inches long, slightly curved, very meaty and of excellent quality. An excellent shipper. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.75.

SURE CROP WAX. A selection of Currie’s Rust Proof Wax, but being more prolific, harder, and not as stringy as this sort. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.75.
VEGETABLE SEEDS

BEANS
All Beans 20c per packet

DWARF SHELL VARIETIES

Breck's Tewksbury Dwarf Horticultural.
Pods large, green, deeply splashed with carmine. Plants very prolific, distinctly dwarf and vigorous. One of the most popular on the Boston Market. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.00.

Dwarf Horticultural. A good variety for the home and market garden. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.25.

Goddard or Boston Favorite. A late variety. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.25.

Kidney, Red. An excellent shell and baking bean. 1 lb. 35c; 2 lbs. 60c; 8 lbs. $1.50.

Prolific Tree Pea Bean. A very small white bean popular for baking. 1 lb. 25c; 2 lbs. 40c; 8 lbs. $1.00.

Yellow Eye Improved. A popular baking bean. 1 lb. 30c; 2 lbs. 50c; 8 lbs. $1.25.

Breck's "Wonder of France" or Green Flageolet. We recommend this bean without qualification as a dwarf shell variety of the highest quality and worthy of a place in every private garden. Flageolet Beans are grown universally in France and are relished by the greatest connoisseurs. We have field-tested this bean and find that it is admirably suited to growing in this country. Free from disease, producing a tremendous crop of small succulent shell beans. 1 lb. 65c; 2 lbs. $1.25.

ENGLISH VARIETIES

Cultural Directions. These beans, which are very popular and largely cultivated abroad, are very much harder than all other varieties of the bean family and to succeed best with the sowings should be made just as early in the Spring as the ground has dried and is workable. Seeds should be sown in drills 4 to 5 inches deep and single seeds spaced 5 to 6 inches apart. Pinch tops out when a goodly number of pods are formed. It is very necessary to watch plants closely about the flowering time as black fly invariably attacks these beans and sprayings with Evergreen or any nicotine solution are essential to the well being of the plants. If this is neglected the crop is sure to be a failure.

Broad Windsor. A variety held in high esteem in England where it is grown extensively. Large green pods, containing beans of superior quality. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.00.

LIMA BEANS

DWARF VARIETIES

Cultural Directions. These popular beans are much more delicate than the other shell beans like Horticultural. The small Henderson Lima is much the hardiest of this section and may safely be sown from May 18-25, the larger podded varieties near Boston cannot safely be sown before the first week in June. Frequently sowings made even in late May will rot if we get a cold rainstorm soon after sowing. Hills give better results than drills with all the Limas although single seeds 8-10 inches apart will give splendid crops. Two pounds of Beans will sow 150 feet of drill; 75 lbs. to the acre.

Fordhook Bush. Pods about 5 inches long, contain 4 to 5 large thick seeds. Plants hardy and prolific. An excellent market garden and home garden sort. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.00.

Burpee's Improved Bush. A true bush type of the large Lima. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.00.

Henderson's Bush. The popular baby Lima. Pods small, plants very prolific. Recommended to those who prefer the small seeded types of Limas. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.
POLE BEANS

GREEN PODDED VARIETIES

All Beans 20c per packet postpaid except as noted

**Cultural Directions.** It is best to place poles in position before sowing seeds of any of the climbing beans. Seeding should be done later than in the case of dwarf string beans, and the Lima section are better not sown before early June. Use 6 to 8 seeds to a hill well spread apart. If sown more heavily thinning should be done. In heavy soil it is an excellent plan to slightly raise the ground for the seeds around each pole. Varieties other than Limas may be sown 10 to 14 days earlier. That popular variety Kentucky Wonder may be sown by the middle of May also the Scarlet Runner varieties. Two pounds of Limas will plant 100 hills, two pounds of the smaller seeded sorts about 200 hills; 30 lbs. to the acre.

**Kentucky Wonder or Old Homestead.** A very prolific, long, green podded sort. The standard green pole bean. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $3.00.

**New Italian Pole.** A green podded, pole string bean, slightly streaked with purple. An enormous cropper. Beans of excellent quality and flavor, absolutely stringless, and remaining in good condition on the poles for 10 days or more. Packet sufficient for 12 Poles. 50c; per lb. $1.00; 2 lbs. $1.85.

**Horticultural Pole or Cranberry.** Large green pods speckled with carmine. 1 lb. 35c; 2 lbs. 60c; 8 lbs. $2.25.

**Scarlet Runner.** Used in the United States primarily as an ornamental climber because of its bright scarlet flowers. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.75.

**White Dutch Runner.** Same as the Scarlet Runner except that the flowers are white. 1 lb. 50c; 2 lbs. 85c; 8 lbs. $3.25.

**WAX PODDED VARIETIES**

**Kentucky Wonder Wax.** Similar to the green podded Kentucky Wonder except the pods are of a light yellow color. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.25.

**Golden Cluster.** Early, vigorous, hardy and very productive. Pods large, straight, flat and a rich golden color. Beans white. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.25.

**POLE LIMA BEANS**

**Giant Podded.** Plants very vigorous, prolific, pods very large, 6 to 7 inches; beans large and of excellent quality. One of the best Pole Limas. 1 lb. 50c; 2 lbs. 90c; 8 lbs. $3.25.

**Dreer’s Improved or Challenger.** Round, very thick beans, productive. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $3.00.

**Seiva or Small.** Earlier and harder than the large lima. 1 lb. 40c; 2 lbs. 75c; 8 lbs. $2.50.

**MANGEL-WURZEL AND SUGAR BEETS**

All kinds sold in 5 pound lots at 90 cents per pound and in 10 pound lots at 85 cents per pound

**Cultural Directions.** Both Mangel-Wurzels and Sugar Beets are a very valuable crop for the dairyman and poultryman. The latter are greatly used abroad for sugar production but they are also splendid feeds for birds as well as for animals. In Europe Mangel Wurzels find a place on every farm and their culture is on a tremendous scale. A greater quantity might well be produced here. Both plants require deeply ploughed and well enriched soil for best results. Seed should be sown as soon as weather becomes settled, in rows 2 to 3 feet apart. Seedlings must be thinned out to stand no closer than 10 inches apart. The roots require an entire season to develop and often attain a great size. The long varieties like Mammoth Long Red, give the heaviest yields. One ounce will sow 50 feet of drill. Six to eight pounds of seed are required per acre.

**Breck’s Mammoth Long Red.** A selection of the common long red variety. The Mammoth is smooth skinned, fine grained, color deep red, roots straight and smooth, tops small. 1 oz. 10c; ¼ lb. 30c; lb. $1.00.

**Morelands**

**Dublin, New Hampshire**

George M. Finnie, Supt.

Messrs. Joseph Breck & Sons,

Boston, Massachusetts.

Dear Sirs:

The high quality of Breck’s seeds has again been impressively demonstrated here this season. Our vegetables have never been finer, and it seems as if the selection, germination and productivity of your seeds improve every year.

Your flower seeds and flowering bulbs have also given complete satisfaction as usual.


November 15, 1930.

Yours very truly,

George M. Finnie.
**BEETS**

Cultural Directions. A light rich soil is essential to the production of good beets. Fresh manure should be avoided or the roots will be very scabby. Old well decayed manure and a fertilizer rich in potash are ideal for beets. The first sowing outdoors can be made just as soon as the soil has dried sufficiently. Beets love a cool soil and temperatures a few degrees below freezing will not harm them. Seeds should be sown thinly and covered 1 inch. Rows may be run as close as 15 inches apart where intensive cropping is practiced. Successive sowings can be made until late July; roots will continue to develop until the end of October. Where very early beets are desired sowings may be made in frames and by this method a month will be gained by allowing them to develop under glass. Seedlings can also be pricked outdoors about the end of April, heading the leaves back at planting time. These will come into season well in advance of the outdoor sown crop. One ounce of seed will sow 50 feet of drill; 6 lbs. to the acre.

Crosby's Egyptian. Early as original type, but thicker, smoother, and of better quality. Pkt. 10c; oz. 30c; ½ lb. 75c; lb. $1.50.

Dewing's Early Blood. Medium early sort, good keeper, large size; an old time favorite. Pkt. 10c; oz. 20c; ½ lb. 50c; lb. $1.50.

Edmands. A popular late turnip-shaped beet, smooth and of good size, good keeper, small top, flesh red. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.

Crosby's Egyptian - Breck's Arlington Strain. The outstanding early beet, small top, roots very uniform in shape, size and color. Quality excellent. Pkt. 10c; oz. 50c; ¼ lb. $1.50; lb. $4.00.

Early Wonder. Early, having a small top and therefore an excellent beet for bunching. Roots somewhat top shaped, uniform color and good quality. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. $2.50.

Barker's Strain Edmands. A superior strain of Edmand's Blood beet, of splendid shape, uniform in size and color. Flesh is exquisitely tender and free from woody characteristics. Color, very deep crimson, zoned in a beautiful manner making it very attractive when sliced for the table. Can be sown as late as July 20 with good results. Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $3.00.

Detroit Dark Red. Roots are very smooth, globular and of a very dark red color. Tops small and reddish green. An excellent main crop and canning beet. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.

Breck's Beats All. Generally considered the best all around early or main crop beet for the home garden and general planting. Frequently used as a bunching beet if pulled before maturity. The tops are small, upright in growth, leaves dark green shaded with red, color uniformly deep red; flesh when cut vermillion red zoned with a slightly lighter shade of same color. The roots grow to medium size, quite globular, small tap root. This variety has been grown in the New England gardens for more than thirty years with increasing popularity. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.

Egyptian. Early, small top, roots very flat and of good quality. Pkt. 10c; oz. 20c; ¼ lb. 55c; lb. $1.50.

Beets for Greens. 1 oz. pkt. 10c; ½ lb. 30c; lb. $1.00.

**BROCCOLI**

Cultural Directions. This Vegetable is very similar in habit to the Cauliflower. It thrives under the same conditions which will produce good Cauliflowers. In Europe Broccoli is in season from Autumn until early Summer, there being Autumn, Winter and Spring types. In America its true merits are just being recognized. In addition to the white flowered types there are others producing green heads which are popular on the European continent. These are meeting with much favor here. Seeds of the various flowering Broccoli should be sown about the middle of May and treated like Cauliflowers. Plants lifted before weather becomes too severe can be planted on the floor of a cool but frost-proof cellar where immature heads will develop. One ounce of seed will produce about 1500 plants; 8 oz. to the acre.

Italian Green Sprouting. Very much prized by Italian gardeners. The head is a compact cluster of flower buds which are all bluish green in color. When the main head is cut the side branches produce small compact flower clusters. Grows very vigorously in Massachussets. Pkt. 50c; oz. $2.00.

Early Purple Cape. Very hardy; heads medium in size and compact. Pkt. 25c; oz. $1.00.

White Cape. Like purple Cape, but of creamy white color. Pkt. 25c; oz. $1.00.

**BRUSSELS SPROUTS**

Cultural Directions. Brussels Sprouts represent one of the most interesting varieties in the Cabbage family. While young they closely resemble common Cabbage but as they develop their long stems, small sprouts like miniature Cabbages are thickly clustered round them. Seeds should be sown under glass in March, or not later than April 20 outdoors for best results. Late sowings will not produce plants carrying the solid sprouts so much desired. Plant out on rich land and allow a yard between the rows and as much between the plants. Planted more closely sprouts will develop poorly. In late summer break of! heads will develop. One ounce of seed will produce about 1500 plants; 8 oz. to the acre.

Long Island Mammoth. Seed of the highest selection. A very dependable variety. Sprouts thickly set, solid, good size. Pkt. 50c; oz. $2.00; ¼ lb. $6.50.

Improved Paris Market. A reliable variety for general use. Pkt. 10c; oz. 50c; ¼ lb. $1.50.
CABBAGE

Cultural Directions. Cabbage is one of the most valuable of all our vegetable crops. To attain a maximum of success it is needful to give them a deep rich and well drained soil. If the soil is at all wet or in a sour condition plants will speedily develop club root. For an early crop seeds should be sown under glass in January or February and seedlings should be gradually hardened off and planted out after the middle of April. For the winter crop May 10 to 25 is a suitable time to make sowings. Plants should be transplanted not later than the middle of July. The winter varieties need more space for their proper development than the early ones, and rows should be 30 to 36 inches apart and plants 24 inches apart in the rows. The Drumhead Cabbages require more space than such varieties as Ballhead and Stonehead. Both Red and Savoy Cabbages demand much the same treatment as late or winter white Cabbages. One ounce of seed should produce about 2500 plants; 5 oz. to the acre.

For Cabbage Plants see Page 83.

EARLY VARIETIES

Copenhagen Market. An excellent standard early sort. Heads medium large, round, solid and very uniform. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

Baby Head. Plants compact, heads small, very solid and do not crack very readily. Excellent for the home garden. Pkt. 15c; ½ oz. 40c; 1 oz. 75c; ½ lb. $3.00.

Early Jersey Wakefield. Very early, heads cone shaped, solid and good quality. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

GOLDEN ACRE. An extra early selection of Copenhagen Market. Plants small, compact, heads medium size, very solid and very uniform. Quality excellent. Two weeks earlier than Copenhagen Market. Pkt. 25c; ¼ oz. 40c; 1 oz. 75c; ½ lb. $3.00.

EVERGREEN

A non-poisonous insecticide safe to use, and very effective in controlling attacks of cabbage worms or lice. One ounce of Evergreen will make one gallon of powerful spray. 1 oz. bottle, 35c; 6 oz. bottle, $1.00; 16 oz. bottle, $2.00; 32 oz. bottle, $3.50. Special circular giving detailed information mailed on request.

SECOND EARLY VARIETIES

Henderson’s Early Summer. Heads large, round flattened, about 10 days later than Golden Acre. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

Succession. An excellent late summer variety. Heads large, flattened and solid. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

Glory of Enkhuizen. Heads large, round and very solid. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

LATE VARIETIES

DANISH BALL HEAD. The outstanding Winter Cabbage, very hardy; heads large, very solid and of excellent quality. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

WARREN’S STONE MASON. Breck’s Private Stock. Heads large, flattened, solid and excellent quality. This is a decided improvement over the old Stone Mason. Pkt. 25c; ¼ oz. 40c; 1 oz. $1.50; ½ lb. $5.00.

Penn. State Ball Head. A selection of the Danish Ball Head developed at the Pennsylvania State College. Heads large and solid. Pkt. 15c; oz. $1.00; ½ lb. $3.25.

Premium Drumhead. A standard large, flat variety, for the main crop. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.25.

SAVOY VARIETIES

Breck’s Winchester Savoy. The market gardener’s favorite. Seed we offer was obtained after many years careful selection from only the best heads. Seed planted as late as June 20 will mature about the middle of October. Heads large, of splendid shape, fine flavor, and as a keeper for winter use it is unsurpassed. Pkt. 15c; ½ oz. 40c; 1 oz. 75c; ½ lb. $2.50.

Improved American Savoy. Large, late, crumpled leaf, good keeper. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ½ lb. $1.50.
RED VARIETIES

©EXTRA EARLY HACO. The earliest of all Red Cabbage of Danish introduction; seed from Denmark. Always an attractive and profitable vegetable. Planted in April, ready for use in midsummer. Heads medium size, solid, rock-like, delicious flavor, dark red. Pkt. 10c; ½ oz. 35c; oz. 60c.

Red Dutch. Fine solid, dark red heads, medium early. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. $1.25.

©Red Rock. Late, heads large, round, very solid and deep, purplish red. An excellent keeper. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. $1.25.

Peconic Red. Large, solid, red variety, grown largely by the Long Island market gardeners. Pkt. 10c; ½ oz. 40c; 1 oz. 75c; ¼ lb. $1.50.

CHINESE CABBAGE

Cultural Directions. The Chinese Cabbage more nearly resembles a lettuce than a cabbage. It should not be sown early as plants will run to seed. If started after the middle of May and until late June nice heads will be produced. Heads are usually tied together in order to blanche the inside leaves.

Pe-Tsai. The young leaves are crumpled, light green. Mature head elongated, solid with a creamy yellow center. An excellent sort. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. $1.50.

©Chosen. Heads similar to Pe-Tsai, except that they are more compact. Very solid. Pkt. 10c; ½ oz. 20c; 1 oz. 35c; ¼ lb. $1.50.

CARROTS

Cultural Directions. The short stump rooted Early French horn type of Carrot is the best for forcing in frames and for a very early outdoor crop. Seeds may be sown thinly in drills and covered quite lightly. Thick sowing will mean much extra labor in thinning. The rows of early Carrots can go as close as a foot apart, but later varieties such as Oxheart and Chantenay should have 18 inches, or even more. The ideal soil for the production of clean, smooth carrots is a light, sandy loam which has been well enriched for an earlier crop. Rank fresh manure should never be used. The first outdoor sowing can be made early in April and the main winter seeding should be made during May. Sowings of the short stump rooted varieties can be continued until quite late in July in the latitude of Boston. In order to prevent the tops of the carrots from becoming green by exposure to the air, sufficient soil should be pulled up around them to cover the roots. This gives much more attractive roots and for exhibition purposes is necessary.

One ounce will sow 100 feet of drill; 4 lbs. to the acre.

©BRECK'S MARKET GARDEN DANVERS HALF-LONG. A special stock obtained after many years' work in selecting and growing the most desirable strain of stump-rooted, deep orange Half-Long type. Our market garden trade throughout New England has found this type of carrot a most profitable sort and it is one of the most desirable for the home gardener. Pkt. 10c; oz. 35c; ¼ lb. $1.00; lb. $3.00.

©Chantenay. A medium early type similar to Danvers Half-Long. Color orange-red but of a slightly lighter shade than the Danvers Half-Long. The mature roots are thick, 5 to 6 inches in length, stump-rooted, tapering slightly. The flesh is crisp and tender, roots are suitable for "bunching Carrots," and market gardeners use this variety extensively for this purpose. Pkt. 10c; oz. 25c; ¼ lb. 75c; ½ lb. $2.00.

Danvers Half-Long. The common type of pointed Danvers. Roots 6 to 8 inches long, tapering to a point. Color deep orange. Standard type for the home gardener. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $1.50.
INTERMEDIATE JAMES' SCARLET. Exhibition Strain. Long tapering, pointed roots, color strong scarlet; small tops. Requires deep loam for best development. Recommended for Exhibitions. Pkg. 10c; oz. 25c; ¼ lb. 60c; lb. $1.50.

Large Yellow. Large, intermediate, stump-rooted, cylindrical, about 8 inches long. Flesh and skin clear yellow. Good for the kitchen as well as for feeding farm animals. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.25.

Large White. One of the best Carrots for feeding Cattle, horses and other farm stock. Roots about 16 inches long, thick, blunt, growing about one quarter out of the ground, top green, flesh white throughout. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.25.

Long Orange. A hardy, good-keeping variety about 20 inches long; pointed, color pale orange under ground, quite green above ground. Useful both for the table and for stock feed. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.75.

Cauliflower

Cultural Directions. This delicious vegetable demands a rich soil like Cabbage, and if the soil is well drained it will thrive in soil which is moist during the summer. For an early crop seeds can be started under glass in January and the seedlings planted in frames which contain a good bed of manure below the soil. Grown in this way splendid heads can be produced in May and early June if an abundance of water is given. Plants for field culture should go out a little later than Cabbages, as Cauliflowers are somewhat less hardy. As a rule the early outdoor plantings are at best but partially successful. Much better heads are obtained from sowings which are made in the open from May 20 to June 1. When transplanting the seedlings, allow 24 inches between the plants and run rows a yard apart. To preserve the pure white heads, which are so much appreciated, plantings should be gone over twice a week and the leaves tied together on all plants which are developing their heads. Sometimes leaves are broken over the heads, but tying the leaves together makes a more complete protection. One ounce of seed should produce about 2500 plants; 5 oz. to the acre.

For Cauliflower Plants see Page 83.

CAULIFLOWER

BRECK'S HUTCHINSON. Considered by local market gardeners the best strain of Carrot. Hutchinson is a selection of the well-known Danvers and commands a higher price on the Boston Market. For this reason, it is most difficult to secure a satisfactory stock of seed for the local demand, as growers prefer to market their roots and not undertake the risk attendant upon producing seed under New England conditions. Hutchinson's Strain is from 2 to 3 inches longer than Danvers and holds its "fullness" well down to the tip. It is a blunt-pointed carrot always. In color it is slightly darker than the Danvers. Yield enormous. Pkt. 10c; oz. 60c; ¼ lb. $2.25.

BRECK'S WHITE BOUQUET. For early or for main crop, those who have grown it, private and market gardeners alike, agree that Breck's White Bouquet Cauliflower has no peer. It will head when other varieties fail; moreover, it is a strain well adapted to forcing under glass during Winter and Spring. The plants are comparatively short stemmed, have small leaves, and produce medium to large close-grained, snowy-white heads, of the finest quality. We feel confident that no better strain has ever been developed, and that it is the earliest and most reliable variety for New England. Pkt. 25c; ¼ oz. $3.00; oz. $5.00; ¼ lb. $12.00.

Early Snowball. Very early, medium sized plant, heads very compact, solid and white. Plants head in a very uniform manner. An outstanding Spring and Autumn sort. Pkt. 25c; oz. $5.00; ¼ lb. $12.00.

Earliest Dwarf Erfurt. Plants very compact and the heads uniform, compact, medium sized and white. Pkt. 25c; oz. $5.00; ¼ lb. $12.00.

Early Short Leaved Snowball. A week earlier than Dwarf Erfurt, a sure header. Recommended for greenhouse forcing. Heads large, white and solid. Danish-grown by the same grower who developed our strain of White Bouquet Cauliflower. Pkt. 25c; oz. $3.00; ¼ lb. $12.00.

Veitch's Autumn Giant. A desirable large, late variety. Pkt. 15c; oz. $1.00; ¼ lb. $2.25.
CELEYRAC

Cultural Directions. Celeriac is not very much grown in America but it is very much prized in Europe. It is commonly referred to as the "Turnip Rooted Celery." Seeds must be started early in Spring in light rather rich soil. Germination is rather slow as compared with celery. When seedlings are three inches high transplant into flats, or a frame, and later transfer to permanent quarters, allowing 8 to 9 inches between the plants. Soil must be rich as with celery and in dry weather waterings will prove very beneficial. Roots may be protected and kept outdoors, but a better plan is to store them in moist sand in a cool cellar. Celeriac is used for flavoring soups. It can also be cooked and served with a white sauce or boiled and allowed to cool. It then may be sliced and used as a salad with oil and vinegar.

Large Prague. Roots large, turnip shaped. Plants vigorous and hardy. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

For Celery Plants see Page 83

BORDEAUX MIXTURE. The standard and most efficient control for celery blight. See page 161.

Giant Pascal. The most satisfactory variety for Fall and Winter use. Grows rapidly and a wonderful keeper. The stalks are of medium height, thick and solid, blanching to a beautiful yellowish white color. Properly blanched and kept in good storage it remains solid, crisp and of a fine nutty flavor. Pkt. 10c; oz. 50c; 1/4 lb. $1.75.

BRECK'S BOSTON MARKET. Popular market garden variety; tender, mild flavor; good keeper. Pkt. 15c; oz. 85c; 1/4 lb. $3.00.

White Plume. This variety can be blanched with boards. It is usually solid, and of pleasing nutty flavor. Pkt. 10c; oz. 50c; 1/4 lb. $1.75.

Clayworth Pink Prize. (See Vegetable Specialties). Medium size, early, heart solid and crisp. Pkt. 25c; oz. $1.00; 1/4 lb. $3.50.

Celery Seed for Flavoring. 1 oz. pkt. 10c; 1/4 lb. 20c; lb. 60c.

CELEY BLEACHING PAPER

A black waterproof paper furnished in rolls 300 ft. long and 10 in. wide. Easily adjusted around the celery plants. Kept in place by wire stakes or wooden pins. Cheaper than boards and easier to handle.

Price $2.50 per roll; sold only in full rolls.

CHERVIL

Cultural Directions. An aromatic Sweet Herb that resembles Parsley. The young leaves are used in soups and salads. Sow evenly in May in drills 1/2 inch deep, one foot apart.

Celery, Curled. Leaves curled, crisp and light green color. Pkt. 10c; oz. 30c; 1/4 lb. $1.00.
CULTURAL DIRECTIONS. For a very early crop Sweet Corn can be started under glass in pots and planted out with the advent of settled weather. It is possible to secure pickings two weeks earlier in this way. The first outdoor sowing of the early varieties can be made on warm well dried soil as early as April 20. Only occasionally will this sowing be injured by frost; even though it should be killed it costs but little to resow. Sowings of the tall varieties like Stowell's Evergreen may be made until early July, but the early varieties can be sown as late as July 15 and sometimes even later in the vicinity of Boston. While corn is often sown in drills to 4 feet apart according to the variety, a better plan is to sow the seed in hills three feet apart, as there is a better root anchorage in hill cultivation and the stalks are far less liable to blow over during moist, windy weather. Allow 4 to 5 plants to each hill. Where crows or squirrels trouble the seeds the best plan is to spread the seed in a box and treat with Stanley's Crow Repellant. The seeds thus treated will be free from the attacks of birds or animals. One pound of seed will plant 100 feet of drill, or about 150 hills; 12 lbs. to the acre.

EXTRA EARLY VARIETIES

**GOLDEN SUNSHINE.** The earliest of the yellow sweet corn varieties, maturing about 10 days prior to Golden Bantam. Stalks 4 to 5 feet high with ears 6 inches long and having 12 rows of large kernels. Quality very fine and plants very productive. ½ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 12 lbs. $3.50.

**Early Surprise.** A very early variety (70 days) of white corn, stalks 4½ feet high, ears 8 to 12 rowed; quality good. ½ lb. 25c; lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Pocohontas.** An extra early white variety. Five to five and one-half dozen ears fill a bushel box. A most desirable variety for the market gardener. The ears are of uniform size, kernels large and tender, good flavor, filling the cob evenly and compactly. ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. $2.75.

**BRECK'S BANTAM CROSBY.** The midget extra early Sweet Corn. Ready for the table before one can secure satisfactory ears of either Red or White Cory. We can recommend it with assurance for greenhouse culture as well as the open garden. ½ lb. 90c; 1 lb. $1.50.

EARLY AND SECOND EARLY VARIETIES

**BRECK'S GOLDEN BANTAM.** Selected Massachusetts Grown. The most popular variety of yellow sweet corn ever offered; also one of the earliest and hardiest. The plants rarely grow over 6 feet in height, and usually bear at least two ears, 5 or 6 inches long on each stalk. Many people assert that Golden Bantam is the sweetest of all corns; its plump, rich, cream-yellow kernels are tender, milky and delicious. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Whipple's Yellow.** An excellent variety of yellow sweet corn maturing slightly earlier than Golden Bantam. Stalks 6 feet tall, ears 14 rowed, 7 to 8 inches long; kernels broad, deep and golden yellow. Quality very good. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**GOLDEN GIANT.** Ears twice the size of Bantam and being from 14 to 16 rowed give nearly four times the yield per acre; richer in color, more delicious, equally early. The husks are striped with red and very heavy. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Early Mayflower.** An extra early White Sweet Corn. Matures about one week in advance of White Cory; growth of stalks 4½ to 5 feet. Ear larger than Cory, having eight to twelve rows of kernels. A profitable market garden variety. ¾ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. $2.75.

**Early Crosby.** The standard and favorite early white variety; a little later than the Cory, but sweeter and with a larger ear; 5 to 6 inches long, cob fodder 5 to 6 feet high. ½ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. $2.75.

**GOLDEN DAWN.** A selected stock of early yellow similar to Golden Orange but preferred by many local market gardeners in Eastern Massachusetts. ¾ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Golden Orange.** A popular sort among the farmers and market gardeners in southern New Hampshire, Maine and eastern Massachusetts. Can be classed as an extra early sort, from 7 to 8 inches in length, slender, with small cob, kernels large, deep, set in even rows and filling out the ears to the tip. ¾ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Quincy Market.** Larger and earlier than the common Crosby. Popular white market garden variety. ¾ lb. 20c; 1 lb. 35c; 2 lbs. 65c; 12 lbs. $2.75.

**Black Mexican.** Said to be the sweetest corn in cultivation, medium early, ears of good size, kernels purplish black. ¾ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

Treat all Seed Corn with Semesan, Jr. It protects the Seed from rotting in cold wet soil; produces better germination. Use two ounces per bushel, cost less than three cents per acre. Write for special circular. Prices on page 163.
CORN

LATE VARIETIES

**BANTAM EVERGREEN.** A yellow variety maturing about 10 days after Golden Bantam and a week earlier than Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs, 12, 14, and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot dwarfer than Stowell's Evergreen and 2 feet taller than Golden Bantam. Bantam Evergreen has the tender and sweet qualities of Golden Bantam and combines the quality of Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**STOWELL'S EVERGREEN. PLATT'S STRAIN.** The standard main crop variety for market and for home garden. Ears large, kernels deep, sugary and tender, remaining in green stage for an unusually long time. It is not uncommon for the ears to have 18 to 20 rows. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

**Country Gentleman (Shoe Peg).** Late, large ears, kernels white and sharp-pointed, placed in irregular rows on cob. A fine late variety and a general favorite. ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c; 12 lbs. $3.50.

POP CORN FOR SEED

Black Beauty. Very productive and early in maturity, ears 6 inches long having large purplish black kernels. Pops very large, white and fluffy. Lb. 25c; per 100 lbs. $20.00.

Japanese Pearl. A small seeded white corn, popping pure white without kernel. Ears very small. A pleasing novelty for the home garden. Lb. 20c; per 100 lbs. $15.00.

Golden Queen. Yellow kernels, pops pure white, good sized ears. Lb. 20c; per 100 lbs. $18.00.

**POP-CORN FOR POPPING**


SHELLED. Thoroughly cured and in excellent condition for popping. Per lb. Net $0.12; per 100 lbs. Net $10.00.

CORN SALAD

Fetticus or Lamb's Lettuce

Cultural Directions. A salad plant of great merit and of the easiest possible culture. Each plant forms a rosette of tender green succulent leaves that connoisseurs of good salads highly prize either alone or when combined with chopped Beet roots. Seeds should be sown in early Spring in rows fifteen inches apart and if given high cultivation the crop should be ready in six to eight weeks. During hot Summer weather this crop will bolt to seed, but sowings in August will give splendid salading in October and the plants may be covered with straw and kept in fine condition until Thanksgiving. In favored locations the plants from late sown seed may be carried through the Winter so that an early Spring crop may be enjoyed. One ounce will sow 150 feet of drill. Large Leaved. Pkt. 10c; oz. 30c; ¼ lb. 75c.

CHICORY

Cultural Directions. The Witloof Type is grown almost entirely for salad purposes, being eaten like Cos Lettuce. Sow the seed in a deep, well prepared soil, during the latter part of May in rows 18 inches apart. Thin the plants to 6 inches apart in the row. In late Fall the roots should be lifted, tops cut off to ½ inch from crown and then graded as to size, large, medium and small. Discard the small roots, save only the large and medium sized roots. The roots are then placed in a trench 10 inches deep in the greenhouse or hot bed and covered with fine soil or sand to a depth of 6 or 9 inches until such time as the roots are to be forced. After a proper soil moisture and air temperature has been supplied the tops should be ready to cut in about four weeks. The large rooted Chicory should be grown in the same manner as Carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used.

Witloof or French Endive. Pkt. 10c; oz. 40c; ¼ lb. $1.25.

Large Rooted. Pkt. 10c; oz. 35c; ¼ lb. 75c.

CHIVES

For Chive Plants see Page 83

*Allium Schoenoprasum.* Resembles the Onion in growth and is of the same family. Used largely as salad and for flavoring soups. Can be cut repeatedly during the growing season.

Pkt. 20c; oz. 75c.
**CULTURAL DIRECTIONS.** For an early crop seeds may be started indoors in Growel Pots, on squares of turf, in strawberry boxes, or in common flower pots, and later planted out after frost danger has passed. It is unsafe to sow Cucumbers outdoors much before the last of May. Sowings may be made as late as July 1 and with a favorable Autumn good crops will be enjoyed. Sow in hills 4 feet apart. A couple of fork-fulls of good manure is necessary in each hill to give vigorous plants. Thin sowings to 4 plants in a hill and

**SLICING VARIETIES**

**BRECK’S FORCING WHITE SPINE (Belleville).** A selection of the famous Belleville strain of Forcing White Spine Cucumber grown especially for us by a Market Gardener in Essex County, Massachusetts. Pkt. 50c; oz. $5.00.

**Arlington White Spine.** Seeds from the selected stock of the Improved White Spine, giving cucumbers of more uniform size and better color. This strain used largely for forcing in the greenhouse. Pkt. 10c; oz. 25c; $1.00.

**Davis Perfect.** An extra long, dark green, type of white spine producing a heavy crop of smooth fruits 8 inches long, crisp, uniform color and has comparatively few seeds. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**Klondike.** Medium sized, uniform cucumber, 7 inches long, diameter about 2 inches when in first-class condition for slicing. Color a rich dark green. Highly recommended. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**Long Green Improved.** Late, 12 inches long, green, tender, excellent flavor. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**PICKLING VARIETIES**

**BOSTON PICKLING.** Very productive. Fruits short, bright green and make an excellent pickle. Pkt. 10c; oz. 25c; 1/4 lb. 60c.

**Early Cluster.** Fruit borne in clusters. Prolific. Pkt. 10c; oz. 25c; 1/4 lb. 60c.

**Early Russian.** Very hardy and productive. Extra early. Pkt. 10c; oz. 25c; 1/4 lb. 60c.

**West India Gherkin.** Short green oval cucumber for pickling. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**Japanese Climbing.** Productive, fine quality. Excellent climbing vine. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**ENGLISH FRAME VARIETIES**

These are grown chiefly by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality. Packet 50c each.

- **Rollinson’s Telegraph**
- **The Rochford**
- **Tender and True**

always keep Cucumbers closely picked. The long English Cucumbers of the Telegraph type are not suitable for outdoor culture. They succeed finely in frames and greenhouses if given an abundance of water and occasional soakings with liquid manure. Dust plants when young with arsenate of lead as a protection against the striped cucumber beetle, and spray or dust with a good fungicide to protect from fungous diseases. One ounce of seed will plant about 50 hills; 1/4 lb. to the acre.

**CRESS**

**Curled, or Peppergrass (Lepidium Sativum).** The popular sort. Sow thickly in drills, 1/4 of an inch deep and a foot apart as early in Spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. $1.25.

**Upland Cress (Barbarea vulgaris).** A perennial variety resembling Water Cress. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

**Water Cress (Nasturtium officinale).** This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about 1/4 inch deep. Pkt. 10c; oz. 75c.

**DANDELION**

**CULTURAL DIRECTIONS.** A very superior quality of dandelion greens may be had by sowing seeds in May or June in very shallow drills, 15 to 18 inches apart. Seedlings should be thinned to 6 or 8 inches. A winter mulch is necessary after the ground becomes firmly frozen. Cultivated dandelions have broader leaves and are in every way superior to the wild plants. The leaves are popular both for cooking and salads. They require rich soil.

**AMERICAN IMPROVED.** Large fleshy leaves. Pkt. 25c; oz. $1.50; 1/4 lb. $5.00.

**Thick-leaved French.** Large and tender. Pkt. 15c; oz. $1.00; 1/4 lb. $3.00.
EGG-PLANT

Cultural Directions. Few vegetables are more tender than Egg-plants and planting out is unsafe before June 5 to 15. They demand very heavily manured ground and very much better growth will be made and fruits more freely produced if two liberal fork-fulls of cow manure are placed beneath each plant when setting. Plants need to be spaced 3x3 feet to permit their proper development. Sow seeds in a greenhouse or hotbed about the end of March, and prick off into flats of rich soil, or into Growell pots, or into a frame, allowing at least 8 inches each way between the plants. The plants when being set should be very carefully handled, so as to avoid checking their growth. Egg-plants want a warm well drained piece of land and prefer light to heavy soils. One ounce of seed should produce about 1000 plants; 5 oz. to the acre.

For Egg-plants see Page 83

NEW YORK IMPROVED. The leading market variety; excellent and very productive. Pkt. 15c; oz. 35c; 5 lb. $1.00.

Black Beauty. Early fruit, jet black, round in form and very solid. Pkt. 15c; oz. 85c; ½ lb. $3.00.

Early Long Purple. Differing only in shape from the foregoing; hardy and productive. Pkt. 15c; oz. 85c; ½ lb. $3.00.

ENDIVE

Cultural Directions. This is one of our most useful salading plants. It requires a light, rich soil to be seen at its best. While sowings may be started as early as the end of April, the really worthwhile plants are not to be had until late Summer or Autumn. Seed for this crop should be sown July 15 to August 1. Do not tie up too many plants at a time. It requires 2 to 3 weeks to properly blanch the hearts. For Winter use heads may be lifted with balls of earth and planted in cold frames and cellars. Another plan is to lift when absolutely dry, lay in a frost-proof cellar and cover plants entirely with dry sand, this prevents all rotting and plants may be preserved a long time in this way. One ounce of seed will sow 150 feet of drill; 3 lbs. to the acre.

BROAD LEAVED BATAVIAN (Escarole). A very sweet variety for Autumn and Winter use. Pkt. 10c; oz. 30c; ¼ lb. $1.00.

Green Curled. The standard sort, suitable for Autumn and Winter. Pkt. 10c; oz. 35c; ½ lb. $1.00.

Moss or Parisian Curled. A small, very beautifully curled sort. Pkt. 10c; oz. 35c; ½ lb. $1.00.

White Curled. Grown for early use. Pkt. 10c; oz. 35c; ¼ lb. $1.00.
CULTURAL DIRECTIONS. Lettuce is by far the most important of all salad plants. It is cultivated to a great extent under glass as well as in the open. For an early crop seeds may be sown as early as January and transferred to hotbeds after being first pricked off into flats 2 inches apart each way. Seeds may be sown outdoors from the time frost has gone until the end of August, using the Forcing or Standard Heading Varieties for early and late sowings and the Crisp Heading Varieties for summer use. This vegetable demands a soil rich in nitrogen which is best furnished in the form of well decomposed stable manure. Lettuce will simply refuse to grow satisfactorily and will not form heads in a soil deficient in plant food. The most difficult period of the year to secure good heads is the midsummer period. Watering is necessary during hot, dry weather. As Winter approaches plants from late sowings which have not headed can be protected by coverings of dry leaves or straw. They may also be lifted and stored in frames. It is possible to winter Lettuce in frames if suitable protection is afforded over the glass and the sides are banked. Cos Lettuce or Romaine is of upright habit and generally self folding. It usually forms a large and quite solid heart. Its treatment should be the same as advised for the Standard Heading Varieties. One ounce to 250 feet of drill should produce about 4000 plants; 2 lbs. to the acre.

CRISP HEADING VARIETIES

New York, Wonderful or Los Angeles. Heads very large and firm. Leaves crumpled and fringed, very broad and dark green in color. Quality excellent. This sort is known in the far west as Los Angeles and is shipped to our eastern markets under the misnomer of Iceberg. Pkt. 15c; oz. 50c; 1/4 lb. $1.25.

Hanson Improved. Heads large and solid and a very reliable sort for midsummer plantings. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.

BRECK'S CALIFORNIA ICEBERG. A selected strain of Los Angeles Lettuce frequently called by local market men "Iceberg." California Iceberg has slightly curled green leaves, heads medium large, dark green—first pointed and at maturity globular. Easily grown and a good shipper. Pkt. 25c; oz. $1.00; 1/4 lb. $3.00.

CURLED VARIETIES

Boston Curled. Very early, medium in size, upright, deep green and very much fringed and curly. Does not make a compact head. Quality fine. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.

Black Seeded Simpson: An early large leaved sort which is very reliable. Leaves very crumpled and crinkled. Light green and of excellent quality. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.

Unrivalled or Green Leaved Big Boston. A large headed sort, very solid and excellent as a main crop sort. Leaves broad, quite smooth, light green in color with leaf edges distinctly tinged with brown. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.

COS OR ROMAINE VARIETIES

White Paris (Trianon). Medium in size, self closing firm and dark green in color. Quality excellent. Pkt. 10c; oz. 40c; 1/4 lb. $1.00; lb. $3.00.

FORCING VARIETIES

(Forcing Varieties are also recommended for outdoor culture)

Breck's Boston Market. A carefully selected strain of white seeded Tennisball. Grows very compact, and forms a decidedly solid head. A good forcing sort for early winter plantings. Pkt. 15c; oz. 75c; 1/4 lb. $2.50.

MAY KING, BRECK'S STRAIN. A selected strain of this well known variety; a solid, cabbage-butter-head type; medium small, color light green, tinged slightly on edge with brown. Recommended for growing under glass or for an early outdoor variety. Pkt. 15c; oz. 50c; 1/4 lb. $1.50; lb. $5.00.

STANDARD HEADING VARIETIES

White Seeded Tennis Ball. A very early hardy sort forming a very solid compact head having light green leaves, tinged at the edges with brown. Quality good. Pkt. 10c; oz. 40c; 1/4 lb. $1.25.

BRECK'S BLACK SEEDED TENNIS BALL OR SALAMANDER. Ideal as an early sort, heads very solid, medium size, compact, leaves broad, dark green. Quality excellent. Pkt. 10c; oz. 50c; 1/4 lb. $1.75.

Big Boston. A large headed sort, very solid and excellent as a main crop sort. Leaves broad, quite smooth, light green in color with leaf edges distinctly tinged with brown. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.

Unrivalled or Green Leaved Big Boston. A large headed sort, very solid and excellent as a main crop sort. Leaves broad, quite smooth, light green in color. Pkt. 10c; oz. 40c; 1/4 lb. $1.00.
LEEK

Cultural Directions. Where large leeks, suitable for exhibition purposes, are desired, seeds may be started under glass, but very good sized stems may be had from outdoor sowings made in April along with onions. The flavor of Leeks resembles that of onions but is milder. When transplanting seedlings cut back their tops quite severely; this induces a much better start. The finest leeks of exhibition size are grown in trenches. The soil for them needs heavy manuring and plants should not stand more closely than 10 to 12 inches apart. Where smaller heads are desired 8 inches between the plants suffices. To insure the enormous white leeks which are so attractive to vegetable displays, and which have an improved flavor, stalks should be hilled up with soil as advised for celery. Leeks are very hardy, and are often left outdoors all winter, but for convenience they are customarily stored in sheds or cellars where they are covered with soil. One ounce of seed will sow 100 feet of drill; 4 lbs. to the acre.

LARGE AMERICAN FLAG. Hardy and vigorous and an excellent winter sort. Bulbs long and very uniform. Pkt. 10c; oz. 35c; 1/4 lb. $1.00.

Large Rouen or Winter. Hardy, producing long bulbs terminating in a rounded base. Remains a long time in good condition. Pkt. 10c; oz. 35c; 1/4 lb. $1.00.

Musselburgh or Carentan. The famous Scotch sort, large hardy and distinct. Pkt. 10c; oz. 50c; 1/4 lb. $1.25.

EXHIBITION LEEK

(Special importation from England)

For the exhibition table and for general garden purposes we unqualifiedly recommend this super-size and super-quality Leek. See specialty pages 53, 54 and 55.
**MELONS**

Cultural Directions. The ideal soil for musk-melons is a light but rich sandy soil. Ground well manured the previous year is especially desirable. For an early crop seeds may be started indoors in Crowell pots, on pieces of turf, or in common 4 inch clay pots. Plant these out early in June. Seeds outdoors are better not sown before June 1 near Boston. Hills should be well enriched and spaced 6 feet apart each way. Leave 3 to 4 seedlings to each hill. Small Forcing Frames or Hot Kaps are useful for forcing the growth of melons out doors. Another good method is to make a ridge round each hill and lay squares of 16x24 glass over each, tilting these on hot days, closing at night and removing when weather is settled. In this way two weeks may be gained in the maturing of the fruits in the average season. One ounce of seed will plant about 50 hills; 2 to 3 lbs., one acre.

### MUSKMELON PRODUCTION

By J. W. Lloyd
The best book published $1.35 per copy postpaid.

#### MUSKMELON VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Golden Champlain</strong></td>
<td>Considered by melon growers of long experience to be the most desirable early maturing muskmelon. A rapid and vigorous grower, medium in size and salmon fleshed; rind well netted. Quality superb.</td>
<td>Pkt. 25c; oz. $1.00; ¼ lb. $3.50.</td>
</tr>
<tr>
<td>Breck's Improved Emerald Gem</td>
<td>An excellent early variety of medium size, distinctly ribbed and fairly well netted. Flesh deep and of a rich salmon color. Juicy and very sweet. Well adapted to the home or market garden.</td>
<td>Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.</td>
</tr>
<tr>
<td>Hale's Best</td>
<td>Fruits small to medium in size, oval in shape, distinctly ribbed and very heavily netted. Flesh thick, solid, deep salmon in color and of excellent quality. An outstanding shipping variety.</td>
<td>Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.</td>
</tr>
<tr>
<td>Bender's Surprise</td>
<td>The outstanding medium large muskmelon adapted to Massachusetts. Slightly oblong in shape, deeply ribbed and heavily netted. Flesh thick, solid, juicy and very deep salmon in color. Excellent flavor. A very good sort for home or market garden and for shipping.</td>
<td>Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.</td>
</tr>
<tr>
<td>Hackensack</td>
<td>Large, productive and fine flavored, green flesh.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.50.</td>
</tr>
<tr>
<td>Montreal Green Nutmeg</td>
<td>Early, large size, excellent quality, flesh green.</td>
<td>Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. $1.75.</td>
</tr>
<tr>
<td>Ooka</td>
<td>A selection of the Montreal Market crossed with a red flesh variety. Originated in Canada. We can very strongly recommend this variety for the home garden.</td>
<td>Per Pkt. 25c.</td>
</tr>
</tbody>
</table>

#### WATERMELONS

Cultural Directions. The culture of these is the same as advised for muskmelons but the hills must be spaced 8 to 10 feet apart each way. The early varieties only should be selected for culture in New England. The variety Citron is useful only for preserving purposes. One ounce of seed will plant about 30 hills, 4 pounds to the acre.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cole's Early</td>
<td>Medium size, red flesh, green skin.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 50c.</td>
</tr>
<tr>
<td>Sweet Mountain</td>
<td>One of the best for general culture.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 50c.</td>
</tr>
<tr>
<td>Hungarian Honey</td>
<td>Very early, round shape, brilliant red flesh.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 50c.</td>
</tr>
<tr>
<td>Phinney's Early</td>
<td>Standard sort for New England, bright red flesh, sweet and tender.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 50c.</td>
</tr>
<tr>
<td>Citron</td>
<td>For preserving.</td>
<td>Pkt. 10c; oz. 15c; ¼ lb. 50c.</td>
</tr>
</tbody>
</table>
MUSHROOM SPAWN

Cultural Directions. Mushrooms may be successfully grown in quite a variety of situations including sheds, cellars, frames, below greenhouse benches and disused bay tree storage pits. Commercially they are grown in caves, tunnels, unworked coal mines and specially built sheds or houses. While crops are being successfully grown without the use of manure, the mushroom hand is desirable. The long straw can be shaken out but the shorter litter left and this manure should preferably be stored under cover and one third as much fresh loam as there is manure added to it. This mixture of soil and manure should be thoroughly mixed and turned every second day until the rank heat has left the pile, when it will be in a suitable condition to form into beds. The fermenting material should be spread in layers and either tramped or firmed thoroughly by hand until a bed 12 inches thick has been formed. Use a bottom heat thermometer to ascertain the temperature of the bed. It will probably rise to 100 or 110 degrees and as it declines to 85 degrees to 90 degrees it is the right time to spawn. There are two types of spawn, viz. Milltrack which is imported and Pure Culture, the former gives the best sized and colored mushrooms but the Pure Culture will yield mushrooms much earlier and is more generally used today. It is this type that we recommend. Bricks should be broken into pieces of the average size of a pullet’s egg, holes being made in the 10 to 12 inches apart each way and about 3 inches deep to receive these pieces. In each hole a piece of the broken spawn should be placed and pressed in firmly and covered with the compost, but this is better not firmed until 10 days later when the white mycelium will be running through the bed. At this time also spread a layer of fresh loam 1½ inches thick over the bed and firm it well. Over this spread a layer of straw, hay, or fine excelsior. While mushrooms from the spawn which cut them be twist them out by their stalks, pressing a little soil into the hole made. Cutting should be done by hand, but is usually done by the portion of stem left rots and usually causes the decay of smaller mushrooms clustered round the one removed. A drying heat is very bad for mushrooms; damping floors and walls assist and usually causes the decay of smaller mushrooms clustered round the one removed.

MUSTARD SPINACH. A recent introduction from the Orient; widely used in the Southern States, providing a continuous supply of fine, mild mustard greens with a creamy Spinach flavor. Harvested when plants are 4 to 5 in. high; rapid growing; cutting in 3 or 4 weeks; withstands hot, dry weather. Pkt. 10c; oz. 25c; ¼ lb. 75c.

MUSTARD

Cultural Directions. Sowings of mustard should be made right through the winter in boxes or flats and the seeds should not be covered but should be kept well watered. For salad uses it should be cut before the second leaves appear. It is of easy culture in a cellar frame or greenhouse and along with Curled Cress it is ready to cut much more quickly than any other salad plants. One ounce of seed will sow 50 feet of drill.

Southern Giant Curled. Plants vigorous and hardy. Leaves large, light green and crumpled. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Chinese. Leaves twice the size of the ordinary white mustard, and of a deeper green, flavor pleasantly sweet and pungent. Desirable as a salad. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Brown or Black. More pungent in flavor than the white. Pkt. 10c; oz. 25c; ¼ lb. 50c.

OKRA OR GUMBO

Cultural Directions. This is a real warm weather vegetable and should not be sown before May 20 to 25. Sow in drills 2½ to 3 feet apart covering seeds two inches. Thin out to 12 inches apart. The pods produced are valuable in stews and soups such as “Chicken Gumbo Soup” which is a very popular dish. One ounce of seed will sow 50 feet of drill.

Tall Green (Perkins Mammoth). Early, hardy, productive. Pods long, slender and light green. Pkt. 10c; oz. 15c; ¼ lb. 25c.

Dwarf Green. Early and productive. Pkt. 10c; oz. 25c; ¼ lb. 50c.

White Velvet. Large, creamy white pods; very tender. Pkt. 10c; oz. 15c; ¼ lb. 50c.

ONION SETS

Cultural Directions. Onion Sets should be planted out just as soon as possible after frost has gone and the ground can be worked. They are not harmed by fairly severe frost. Plant out in rows 12 to 15 inches apart, allowing 4 inches between each set. The soil must be rich. Keep well cultivated and the Sets will produce good sized Onions weeks in advance of those produced from seeds. One quart to 20 feet of drill; 8 Bushels to the acre.

Yellow Japanese Onion or Ebenezer. The outstanding sort for set planting, producing a large bulb not unlike Yellow Globe Danvers in shape and size except that it is somewhat more flattened in shape and of a rich amber color. The bulbs are very firm, solid with thin skin. Will remain in good condition for a long time under ordinary storage conditions. The Yellow Japanese is much superior to the old type of Yellow Sets which we have discontinued and we fill all orders with the Japanese variety. Lb. 35c; 8 lbs. $2.25.

Red. Per lb. 35c; 8 lbs. $2.25.

White. Per lb. 35c; 8 lbs. $2.50.

Egyptian or Perennial Tree Onion. This variety is planted in late July or early August. The bulbs are hardy and with light covering through the winter can be carried over and produce a crop of mild white Onions for the early market. Prices are established in July for the fall planting.
ONIONS

Cultural Directions. This very important vegetable crop demands rich soil, and the more nearly the land can be the better. Very large onions, suitable for exhibition purposes, of such varieties as Ailsa Craig and Prizetaker should be started under glass in late February, pricked off into flats of rich soil, and planted out in late April in rows 18 inches apart and 8 inches between the plants. All varieties of onions grown for exhibition purposes may be started in this way. Seed sowing should be done just as early as possible in spring in drills a foot apart, sowing seeds thinly and covering 1/2 inch. After covering the rows a firm tramping or rolling will insure a better and more even stand of seedlings. Thin seedlings so that they are about two inches apart; where rather small onions are preferred no thinning is necessary. Weeding in the early stages of growth is very important. If weeding is neglected for even a few days it may mean serious injury to the crop. Frequent and light cultivation is needed during the growing season and tubers should be pulled up and spread out to dry when tops turn yellow or brown. To assist the formation of extra large bulbs applications of liquid manure after heavy rains will be of great benefit. One ounce of seed will sow 100 feet of drill; from 4 to 5 lbs., one acre.

YELLOW VARIETIES

SWEET SPANISH. Of Spanish origin, mild flavor, grows to large size, globe shaped. Color light yellow, a good shipping onion with small top growth. Is rapidly becoming popular where the stock has been given a good trial. Pkt. 15c; 1 oz. 40c; 1/4 lb. $1.50.

Mountain Danvers. An outstanding selection of Danvers, being globular in shape, very solid, large in size, deep amber in color, very small neck. Eating and keeping qualities excellent. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

Prizetaker (Gibraltar or Denia). Bulbs globular, vary large, and of a light straw color. Very mild in flavor. Pkt. 25c; oz. $1.00; 1/4 lb. $3.50.

Ailsa Craig. A variety that will grow to enormous size; globular, skin light yellow, flesh white, good keeper; grown largely for exhibition purposes. Pkt. 25c; oz. $1.00; 1/4 lb. $3.50.

Extra Early Yellow. In shape and size half-way between the globe and flattish onion; keeping qualities excellent. At least three weeks earlier than Yellow Globe. Pkt. 15c; oz. 60c; 1/4 lb. $2.00.

Early Yellow Cracker. Flat shape, early, and a good keeper. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

Southport Yellow Globe. Bulbs globular, medium large, thick-skinned, and excellent keepers. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

Onion Southport White Globe

BRECK'S YELLOW GLOBE DANVERS. A famous pedigree strain of Globe Danvers type. Our stock of seed has been developed by a Massachusetts onion seed grower who has had a lifetime of experience in selecting onion bulbs, thus furnishing us with the best type obtainable. Uniform in size, solid, of a rich coppery yellow color, producing a marketable crop of superior quality, yield and appearance. The best variety for Winter storage. Pkt. 25c; oz. $1.00; 1/4 lb. $3.50.

WHITE VARIETIES

Southport White Globe. Similar to the Southport Yellow Globe except that it is decidedly white in color. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

White Queen. A small sort used extensively as a pickling onion. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

White Italian Tripoli. Large white variety, mild. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

White Portugal. Large, flat shape, mild flavor, not a good keeper. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

RED VARIETIES

Red Wethersfield. Bulbs semi-flat, large, deep purplish red, solid and an excellent keeper. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

Southport Red Globe. An excellent elongated globe sort of red onion. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

Red Italian Tripoli. Large size, flat shape, mild flavor. Pkt. 10c; oz. 50c; 1/4 lb. $1.50.

On page 55 we list original stocks of desirable English-grown varieties especially recommended for exhibition. The most prized exhibition Onions in England.
PARSLEY

Cultural Directions. For a very early crop parsley should be started in the hot bed or cold frame and planted out about May 1st. Seeds can be sown outdoors very early in Spring or as late as June. Thin plants to stand 8 to 9 inches apart or if you want extra fine leaves 12 inches will be better. Plant only the specially heavy curled varieties. Parsley is an excellent garnishing plant and it is also used in soups and stews. Parsley sauce is very popular for use with fish. Plants may be carried over Winter outdoors by covering with leaves and standing a frame or in a box in the cellar for winter use. One ounce of seed will sow about 150 feet of drill; 3 lbs. to the acre.

Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing. Pkt. 10c; oz. 25c; $0.25 lb. 75c.

 Biography's Double Green Crest. Dwarf compact growth, rich dark green leaves, densely curled. The most desirable sort for exhibition or garnishing, highly prized for garden borders, frames or open garden. Pkt. 25c; oz. 75c; $2.00 lb.

Fern Leaved. Excellent in form and color. Pkt. 10c; oz. 25c; $0.75 lb. 75c.

Plain Leaved. The favorite for flavoring soups and for drying because of its flat, deeply cut but not curled dark green leaves. Pkt. 10c; oz. 25c; $0.75 lb.

Hamburg. (Tuberous rooted). The variety grown for the edible root which has white flesh and in flavor somewhat resembles Celeriac. The foliage is about the same as the plain Parsley in appearance. Roots frequently dug late in Fall and stored in sand for Winter use. Pkt. 10c; oz. 25c; $0.75 lb.

SWEET OR MILD VARIETIES

Squash, or Tomato-Shaped. The kind most generally grown for pickling; an excellent mild sort. Pkt. 10c; oz. 50c.

Harris' Earliest. The earliest mild pepper on the market. Plants very dwarf, compact and exceptionally prolific. Fruit 3 to 4 inches long, 2 inches wide at shoulder. Pkt. 25c; oz. $1.00.

Sweet Upright. A very desirable medium size sweet pepper. Fruits borne upright on plants, which are small and compact. Pkt. 15c; oz. 50c.

Chinese Giant. Grows very large and uniform; as early as Ruby King and very mild, The largest pepper in cultivation. Grown widely for exhibition. Pkt. 15c; oz. 85c.

Pimiento. Desirable for salads or for stuffed Peppers. Medium size, thick flesh, mild flavor. Pkt. 10c; oz. 50c.

PUNGENT OR HOT VARIETIES

Red Cherry. Very hot, fruit round, very productive and ornamental. Pkt. 10c; oz. 50c.

Long Red Cayenne. Very hot variety. The pods of this pepper are from 3 to 4 inches in length, cone shaped and coral red when ripe. Pkt. 10c; oz. 50c.

Anaheim Chili. A medium sized narrow pepper being very small and very hot, bright scarlet in color. Pkt. 10c; oz. 50c.

Tabasco. Plant dwarf but very productive. Fruits very small and very hot. Used largely in seasoning. Pkt. 10c; oz. 50c.

PARSNIP

Cultural Directions. Parsnips are a valuable root crop requiring a long season for their proper development. Seeds therefore should be sown very early in the Spring in drills 18 inches apart, covering seeds one inch deep. Thinning out should be done so that plants stand 8 inches apart. In order to secure long and very smooth parsnips for exhibition use a crowbar and sink holes 24 to 36 inches deep. Fill with finely screened soil and sow half a dozen seeds on top of each hole, thinning out to one. Holes for these big roots should be started in the Hot bed or cold frame and planted out about June 1. Avoid giving them very rich soil. This will promote a rank growth but practically all flowers will drop instead of setting fruits. Ground well manured the previous year will give a much better and heavier crop of peppers than one manured just prior to planting. After the fruits are set an application of commercial fertilizer stirred in will improve the quality of the fruits. One ounce of seed should produce about 2000 plants; 4 oz. to the acre.

For Pepper Plants see Page 83

PARSNIP

Cultural Directions. Seeds of the various Peppers should be sown in heat between March 15 and April 5. Seedlings should be transplanted into flats of light rich soil and gradually hardened off and planted outdoors about June 1. Avoid giving them very rich soil. This will promote a rank growth but practically all flowers will drop instead of setting fruits. Ground well manured the previous year will give a much better and heavier crop of peppers than one manured just prior to planting. After the fruits are set an application of commercial fertilizer stirred in will improve the quality of the fruits. One ounce of seed should produce about 2000 plants; 4 oz. to the acre.

For Pepper Plants see Page 83
GARDEN PEAS

CULTURAL DIRECTIONS. For the successful culture of this most important and popular garden vegetable good preparation of the soil is essential. Peas succeed best on rather light rich loams but will thrive on any good soil which has been deeply ploughed or spaded and liberally manured. They dislike an acid soil and lime is essential to their successful culture. Make the earliest sowings of the round seeded varieties just as soon as the soil is workable. Cover the earliest sowings 2 to 2 1/2 inches, second sowings 3 inches and late ones 4 to 4 1/2 inches. When the weather is very warm and the soil dry if seeds have been soaked overnight in advance of sowing, or if they are well sprinkled with a hose or watering can before covering it will materially assist germination. Between June 5 and July 15 it is not advisable to sow Peas, but about July 15 to 25 a sowing of a dwarf wrinkled variety can be made and may give a fair crop in late September. Wrinkled peas being more delicate than the round ones should be sown a little later. Use supports for all but the very Dwarf Peas. This may consist of brush, wild cherry and other forms of brush, wire netting of a wide mesh, or strings attached to a stout overhead wire. Where obtainable brush gives the best form of support. Two pounds of peas will plant about 100 feet of drill; 90 lbs. to the acre.

Peas by the packet 20c post-paid. At the prices quoted below we do not deliver peas purchased by the one pound, two pounds, or bulk price.

EARLY VARIETIES (Dwarf)

HUNDREDFOLD. In growth similar to Pioneer but foliage darker. Pods grow 4 to 4 1/2 inches in length. Well filled, color very dark green. Height of vines 2 feet, making a very compact growth. Recommended for small home gardens because the variety requires no brush or stakes. Very productive. Has proven to be most satisfactory in this section of the country. Lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Laxtonian. One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous, average height less than 18 inches. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

OLAXTON'S PROGRESS. Improved Laxtonian type, introduced originally from England. Considered by most experts the finest early dwarf wrinkled pea, averaging nine to ten peas in the pod. Vines grow about eighteen inches in height. Color dark green. Most productive. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Little Marvel. An extra early dwarf wrinkled pea, fast becoming popular in this locality. Vines bear a profusion of blunt-ended pods, well-filled with large peas of fine quality. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Nott's Excelsior. The standard of quality in home gardens. No other dwarf wrinkled pea is as widely planted. Vines of regular habit and about 14 inches high. Lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Pioneer. An improvement on the popular Laxtonian. Vines about 20 inches high; color light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Sutton's Excelsior. An early dwarf, wrinkled pea with exceptionally large pods. Matures as early as Nott's Excelsior and is its equal in quality. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.40.

EARLY VARIETIES (Semi-Dwarf and Tall)

Alaska. An extremely early smooth, blue pea. Vines about 2 feet high; dark green pods, well filled. Lb. 30c; 2 lbs. 50c; 7 lbs. $1.50.

Breck's Old Glory. Superior to all other extra early varieties in size, quality, and productivity. A favorite market garden sort. Long, dark green pods packed with large, slightly wrinkled peas; vines tall growing and vigorous. Lb. 30c; 2 lbs. 50c; 7 lbs. $1.50.

Gradus or Prosperity. The most popular early variety among both private and market gardeners in this locality. Pods large pointed and uniform in shape; peas of fine flavor. Vines from 2 1/2 to 3 feet in height. Lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Market Surprise. (Eclipse). An extra early, almost smooth variety. Usually matures about seventy days from planting. Pods 4 inches long; vines grow to the height of about 40 inches. Excellent flavor; gives highly satisfactory results in Massachusetts. Lb. 40c; 2 lbs. 75c; 7 lbs. $2.40.
GARDEN PEAS

EARLY VARIETIES (SEMI-DWARF AND TALL)—Continued

Pilot. An extra early, round-seeded or smooth Pea. Can be planted as soon as the ground can be worked. Pods as large as the Gradus. Very prolific, highly recommended as an extra early market sort. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.50.

THE RECORD. A popular large-podded extra early, wrinkled pea which matures several days earlier than the well known Gradus. Its growth is quite similar to that of Gradus but somewhat dwarfer and stouter; pods uniformly large, measuring 4½ to 5 inches nearly round and packed with handsome wrinkled peas of the finest flavor. The Record is an especially valuable sort for market gardeners because the Peas will remain in good condition a long time after picking. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

Laxton. This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality it may be planted about as early as smooth varieties. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.45.

SECOND EARLY VARIETIES

ALDERMAN. One of the most satisfactory varieties for early main-crop. Pods long, filled with large wrinkled, deep green peas of superior quality. Height 4 to 5 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

DWARF TELEPHONE. (Daisy). Pods large, peas wrinkled, sweet and tender; a prolific bearer, height 18 inches. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

Dwarf Champion. A wrinkled pea quite similar to the well known Champion of England excepting that the vines are only 2 to 2½ feet in height. 1 lb. 40c; 2 lbs. 75c; 7 lbs. $2.40.

Dwarf Quite Content. A dwarf form of the main crop variety of the same name. Height about 2 feet. Especially desirable because of its large pods; a good variety for the home garden or for exhibition. 1 lb. $1.00; 2 lbs. $1.75; 4 lbs. $3.25.

Everbearing. An excellent variety for private growers. Peas large, wrinkled, and of fine flavor. Height 3 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

Inoculate all Peas just before planting with STIMUGERM

MAIN AND LATE CROP VARIETIES

Admiral Dewey. A splendid large podded, wrinkled pea of fine quality. Height 4 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

BRECK'S IMPROVED TELEPHONE. This is a distinct and desirable improvement on ordinary Telephone. It is the result of careful breeding and selection. Notwithstanding their size, these wrinkled peas are sugary, rich and tender. Height 4 feet. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

Champion of England. An old favorite which bears profusely; peas wrinkled. Few late varieties are its equal in quality. Height about 4 feet. 1 lb. 35c; 2 lbs. 65c; 7 lbs. $2.00.

Quite Content. Considered the latest maturing variety in cultivation. Pods are larger and longer than any, but closely resemble Alderman in general appearance; quality good; prolific; rank growth of vine, requires plenty of room for best development. Pods are usually borne in pairs. 1 lb. 60c; 2 lbs. $1.00; 7 lbs. $3.00.

SUTTON'S SUPER V. C. Considered the largest podded garden pea ever produced. Superb quality. 1 lb. 85c; 2 lbs. $1.50.

Sugar or Edible Podded. Grows about 2½ feet high, pods soft, tender and edible, not over 3 inches in length, pale green containing 5 to 7 peas. 1 lb. 40c; 2 lbs. 70c; 7 lbs. $2.25.

See page 54 for Specialties.

BRECK'S "LONG SEASON" COLLECTIONS OF GARDEN PEAS

We cannot allow any changes in the varieties included in these Collections.


Laxton's Progress. Early.

Champion of England. Late.

One pound each of the above four superb Garden Peas for $1.50. ($1.75 postpaid anywhere in New England.)

Two pounds each of the above four superb Garden Peas for $2.50. ($2.75 postpaid anywhere in New England.)

Full descriptions of the Peas in these Collections will be found on Pages 75 and 76.
POTATOES

Prices subject to frequent market changes.

CULTURAL DIRECTIONS. The Potato crop is by far the most important of all vegetable crops. While potatoes can be successfully grown on almost all types of land, the ideal soil is a deep, but rather light loam, inclined to sandiness. Applications of fresh manure near planting time will produce very scabby tubers; on the whole commercial fertilizers are much preferable to animal manures of all kinds. Early varieties may be planted just as soon as the ground is ready; main crop varieties as late as June. It is advisable to use carefully selected seed, and this seed should be treated with Semesan Bel before planting. Cut tubers into portions containing one good eye each. Drop the cut sets 12 to 15 inches apart in the furrows, and cover 4 inches. Furrows should be a yard apart. A thorough cultivation should be given at least once before tops appear in order to kill numerous small weeds, and frequent loosening of the soil between the furrows is essential to good culture. Soil should be gradually thrown up about the plants commencing when they are 4 to 6 inches high. 1 peck will plant approximately 150 feet of row, 10 bushels to the acre.

Prices for all the following varieties (carriage extra) 15 lbs. for $1.00; 60 lbs. for $3.50; 120 lbs. for $6.50. A bushel of potatoes weighs 60 lbs.

The Certified Irish Cobbler and Green Mountain Potatoes supplied by us are shipped in full bags of two bushels or 120 pounds with the blue tag attached by the Inspector from the Agricultural Department of the State of Maine which certifies that the Potatoes have been carefully grown, sorted and inspected under the supervision of the Department of Agriculture for the State of Maine, insuring stock which is practically free from disease, of vigorous growth and true to name and type. We recommend planting only the Certified stock of these two varieties. The other varieties catalogued cannot be supplied at present as Certified Stock.

EARLY VARIETIES

Early Ohio. A splendid sort about a week earlier than Early Rose. Red skin, dry, mealy; one of the best for early market.

IRISH COBBLER. (Certified Stock). The most popular and reliable early white sort. Quite round with deep set eyes. Distinct type.


MEDIUM EARLY VARIETIES

Delaware. Very large, white throughout, and extra quality.

New Queen. White variety of mealy texture.

Norcross. Splendid sort, uniform size.

LATE VARIETIES

Green Mountain (Certified Stock). Large, handsome white potato; main crop; the standard winter variety.

Miller’s Prize. A main crop, white variety. Considered by many better than the Green Mountain.


Carmen No. 3. Large, smooth, white.

Spaulding Rose. Red skin, late maturing; considered the best keeping sort. Potatoes large, smooth, excellent quality.

UNIT GROWN GREEN MOUNTAINS

The famous Martin’s stock, state certified. Grown by the Tuber-Unit method which has produced such remarkable results, furnishing potatoes of uniform size and type, practically disease-free. Commercial growers have obtained remarkable results from this Tuber-Unit stock. We recommend it as the best. Prices: Pk. $1.25; Bu. $4.00; 2 Bu. $7.00.

SWEET POTATOES

CULTURAL DIRECTIONS. Although Sweet Potatoes are but little grown in the Northern States they succeed very well if given a light, well drained and warm soil. The cuttings should be planted on ridges 6 inches above the level of the soil and 4 to 5 feet apart. The ridges can run 3 to 3 1/2 feet apart. Planting must be deferred until all frost danger has passed.

Nansemond. Best sort for New England. Plants per 100, $1.25; per 1000, $10.63; add 15c per 100 if wanted by parcel post.

SEMESAN BEL

Just Dip Your Potatoes—and Plant

Instantaneous Dip Treatment With SEMESAN BEL Requires No Soaking—No Expensive Equipment—No Extra Labor.

4 oz, 50c; lb. $1.75; 5-lbs. $8.00.

Can be shipped only by freight or express.
**VEGETABLE SEEDS**

**PUMPKIN**

**Cultural Directions.** Pumpkins require to be grown in hills 8x8 feet apart and seed should be sown late in May, seedlings being reduced to 2 or 3 to each hill. The small varieties like Winter Luxury and Sugar are excellent for pies while the larger field varieties are valuable for livestock on the farms. One ounce of seed will plant about 30 hills; 4 lbs to one acre.

**TABLE VARIETIES**

**Sweet Sugar or Pie.** Round, small, skin and flesh deep orange in color. Quality excellent. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. $1.50.

**Winter Luxury.** Round, slightly larger than the Sweet Sugar variety. Color russet yellow, flesh thick, firm and excellent quality. A very fine winter sort. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**FIELD VARIETIES FOR FEEDING STOCK**

**Connecticut Field.** Very productive; largely grown for feeding stock. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. $1.50.

**Mammoth King.** This variety often weighs over 100 lbs. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.

**Mammoth Tours.** Fruit large, often weighing 100 lbs.; shape round, with faintly marked ribs, skin smooth. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.

**Pumpkin Seed for Medicinal Purposes.** Oz. 10c; lb. $1.00.

**RADISH**

**Cultural Directions.** An early crop of radishes may be had in the cold frame or hotbed. Outdoors the first sowing should be made as early as the ground is ready. To insure clean roots avoid stiff, heavy, wormy or heavily manured ground. The cleanest radishes will be had from light, sandy and fairly well enriched soils. In the hot summer months it hardly pays to sow radishes as they get tough so quickly, but after August 10 sowings outdoors can be made until late in September. The large varieties of radish like Stuttgart and Black Spanish may be stored in sand over winter in a cool cellar. One ounce of seed will sow 100 feet of drill; 10 lbs. to the acre.

**Long Scarlet Short Top.** Long and crisp, fine. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $1.75.

**Olive-Shaped Deep Scarlet.** Early, fine for open ground. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $2.00.

**Turnip-Shaped Crimson Giant Forcing.** Best of forcing sorts. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $2.00.

**Scarlet Globe.** Undoubtedly the outstanding extra early forcing sort. Roots are round, bright scarlet, and have a very small top. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $1.75.

**Scarlet Icicle.** Pure white, of fine flavor, suitable for forcing. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $2.00.

**White Giant Stuttgart.** Oval-shaped, large, mild and tender. For late Summer and Autumn use. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $2.00.

**Late Scarlet Turnip.** Very early and crisp. Pkt. 10c; ¼ lb. 60c; lb. $2.00.

**French Breakfast.** Early, scarlet with white tip. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $2.00.

**Long Black Spanish.** The most popular winter sort. Pkt. 10c; ¼ lb. 60c; lb. $2.00.

**Round Black Spanish.** A fine winter variety. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $2.00.

**White Strassburg.** One of the large white summer radishes which continues crisp from the time the radish is comparatively small until matured. Roots 4 to 6 inches long. When about matured the roots are thick at the shoulder and taper to a blunt point. Desirable because roots can be kept in marketable condition for some time. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $2.00.

**Rhubarb**

**Cultural Directions.** Rhubarb may be raised from seeds sown in drills in spring. Seedlings should be thinned to a foot apart, and plants moved in the autumn to their permanent quarters. Usually propagation is by division of the roots of good fixed varieties. This may be done just as well in autumn as in spring. To succeed with rhubarb it must be very heavily manured. In fact it will stand and appreciate more stimulants than any other member of the vegetable family. One ounce of seed will sow 100 feet of drill.

For Rhubarb Roots see Page 83

**Linneaus.** Early, large and tender. Pkt. 10c; oz. 50c; ¼ lb. $1.00.

**Victoria.** Very large, later than Linneaus. Pkt. 10c; oz. 60c; ¼ lb. $1.25.
**Spinach**

**Cultural Directions.** Spinach, to be succulent and tender, must have a really rich soil. This rule applies to all leafy vegetable plants but to none more than Spinach. Sow seeds for an early crop just as soon as the ground can be worked and make successive sowings until the end of May. In very hot dry weather this crop runs quickly to seed, but after August 10 a good Autumn crop can be started. In September sow a batch to stay out over Winter for Spring use. Mulching is necessary after the ground freezes. 1 oz. will sow 30 feet of drill. 12 lbs. to one acre.

**Bloomdale Savoy.** Early, hardy with large leaves curled and wrinkled and very dark green. Pkt. 10c; oz. 15c; \( \frac{3}{4} \) lb. 30c; lb. $1.00.

**Giant Round, thick-leaved.** Pkt. 10c; oz. 15c; \( \frac{3}{4} \) lb. 30c; lb. $1.00.

**KING OF DENMARK.** Of Danish origin, a selection from the best types of Long Standing varieties. Introduced to New England about four years ago, its popularity is steadily increasing. Medium early, rapid growing, resembles Long Standing in type but leaves are more crumpled or blistered and of a dark green color. Will remain in good condition for cutting for about two weeks after other varieties have bolted to seed. Pkt. 10c; oz. 15c; \( \frac{3}{4} \) lb. 30c; lb. $1.00.

**Long Standing.** Leaves large, thick deep green and slow to shoot to seed. Very good for early Spring planting. Pkt. 10c; oz. 15c; \( \frac{1}{2} \) lb. 30c; lb. $1.00.

**Prickly, or Winter.** Recommended for Autumn sowing. Pkt. 10c; oz. 15c; \( \frac{1}{2} \) lb. 25c; lb. 85c.

**PRINCESS JULIANA.** Leaves large, rounded, very thick, blistered and crumpled. Color very dark green. Excellent quality and slow to shoot to seed. Pkt. 10c; oz. 25c; \( \frac{1}{2} \) lb. 75c; lb. $1.50.

**Victoria.** Very dark leaves, fine for spring sowing, later than Long Standing. Pkt. 10c; oz. 15c; \( \frac{3}{4} \) lb. 30c; lb. $1.00.

**Mustard Spinach see page 72**

---

**Swiss Chard**

**Cultural Directions.** This member of the beet family is useful on account of its large foliage and broad leaf blades with succulent stems. The fleshy portion may be cooked like asparagus and the tender young leaves utilized for greens like Spinach. Very early sowing will sometimes cause a portion of the plants to bolt to seed, but after the end of April this will not occur. Seedlings require severe thinning and should stand at least a foot apart. Stems will be more tender if the leaves are tied together with rope or soft twine.

**Foliage.** A variety having a broad white midrib with yellowish green leaves quite distinct from other varieties and useful for exhibition purposes because of the peculiar color of the leaves. Pkt. 10c; oz. 20c; \( \frac{3}{4} \) lb. 60c; lb. $1.75.

**Giant or Perpetual.** Broad light green leaves, tall growing, with somewhat less pronounced midrib than other varieties. Quality excellent. Pkt. 10c; oz. 20c; \( \frac{3}{4} \) lb. 60c; lb. $1.75.

**Lucullus.** Plants of this variety are of robust growth attaining a height of two to two and one half feet. The stalks are thick, of a creamy white color, and heavily ribbed. The leaves are very large, of a rich green color and heavily crumpled. This is the most decorative variety for growing in the home garden and it is also valuable for exhibition. Pkt. 10c; oz. 20c; \( \frac{3}{4} \) lb. 60c; lb. $1.75.

---

**EVERGREEN**

Kills plant insects and is harmless to man. A sure cure for the severest attacks from Aphids.

1 oz. bottles 35c; 6 oz. bottles $1.00; 16 oz. bottles $2.00; 32 oz. bottles $3.50.

---

**Salsify—Oyster-Plant**

**Cultural Directions.** The roots of this vegetable have a distinct oyster-like flavor, hence the name Oyster Plant. They may be stewed, fried or boiled in the same manner as Salsify, but being a little more difficult to raise, is rarely grown except by private gardeners. Though the roots have black skins, the flesh is white and very tender. Scorzonera may be cooked in the same ways as Salsify, but is a little more difficult to raise, is rarely grown except by private gardeners.

**SCORZONERA (Black Salsify)**

**Cultural Directions.** A vegetable which should be started indoors and planted out after frost danger has gone. It is well to soak the seeds in warm water a few hours before planting. Allow 24 to 36 inches between the plants which make a very rapid growth and can be kept constantly cut until Autumn. Seeds may also be started outdoors but will be later in giving a crop. As seedling plants of New Zealand Spinach are difficult to transplant, the seed may be sown in Growell pots to advantage and later transferred to the open ground without setback.

Tetragonia expansa. Pkt. 10c; oz. 25c; \( \frac{3}{4} \) lb. 85c; lb. $2.50.

**SCORZONERA Hispanica.** Pkt. 10c; oz. 30c; \( \frac{1}{2} \) lb. 30c; lb. $1.00.

---

**Swiss Chard Lucullus**
Cultural Directions. All of the squashes delight in a warm, rich and well pulverized soil. Seeding must be deferred until frost dangers have passed. Hills 4 feet apart each way will suffice for the bush varieties but the running section should have a space of 10x10 to grow in. This especially applies to the good Winter varieties like Blue Hubbard, Marblehead, and Marrow. Leave 2 to 3 seedlings to each hill when thinning out. Hill up the joints of plants as they grow to prevent the attacks of the squash borer from destroying them. Summer: 1 oz. to 40 hills; 2 lbs. to the acre. Winter: 1 oz. to 20 hills; 4 lbs. to the acre.

SUMMER VARIETIES

GIANT SUMMER STRAIGHTNECK. Similar in appearance to the Crookneck except that the fruit is straight making this a very fine sort for packing. Highly recommended. Pkt. 15c; oz. 50c; 1/4 lb. $1.50.

Giant Summer Crookneck. Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Golden Summer Crookneck. Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.00.

Mammoth White Bush. The best for early use. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Yellow Bush Scallop. A summer sort. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. $1.00.

Boston Greek. Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c; 1/4 lb. $2.50.

Cocoella Longe. Fruits cream color two to three feet long. About four inches in diameter. Ornamental when trained over trellises. The favorite Italian Marrow. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

GIANT SUMMER STRAIGHTNECK. Similar in appearance to the Crookneck except that the fruit is straight making this a very fine sort for packing. Highly recommended. Pkt. 15c; oz. 50c; 1/4 lb. $1.50.

Giant Summer Crookneck. Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Golden Summer Crookneck. Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.00.

Mammoth White Bush. The best for early use. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Yellow Bush Scallop. A summer sort. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. $1.00.

Boston Greek. Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c; 1/4 lb. $2.50.

Cocoella Longe. Fruits cream color two to three feet long. About four inches in diameter. Ornamental when trained over trellises. The favorite Italian Marrow. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

SUMMER VARIETIES

GIANT SUMMER STRAIGHTNECK. Similar in appearance to the Crookneck except that the fruit is straight making this a very fine sort for packing. Highly recommended. Pkt. 15c; oz. 50c; 1/4 lb. $1.50.

Giant Summer Crookneck. Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Golden Summer Crookneck. Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.00.

Mammoth White Bush. The best for early use. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Yellow Bush Scallop. A summer sort. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. $1.00.

Boston Greek. Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c; 1/4 lb. $2.50.

Cocoella Longe. Fruits cream color two to three feet long. About four inches in diameter. Ornamental when trained over trellises. The favorite Italian Marrow. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

SUMMER VARIETIES

GIANT SUMMER STRAIGHTNECK. Similar in appearance to the Crookneck except that the fruit is straight making this a very fine sort for packing. Highly recommended. Pkt. 15c; oz. 50c; 1/4 lb. $1.50.

Giant Summer Crookneck. Early, productive, with large fruits of a deep orange color. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Golden Summer Crookneck. Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, color bright yellow. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. $2.00.

Mammoth White Bush. The best for early use. Pkt. 10c; oz. 25c; 1/4 lb. 75c.

Yellow Bush Scallop. A summer sort. Pkt. 10c; oz. 15c; 1/4 lb. 30c; lb. $1.00.

Boston Greek. Summer variety, color dark gray-green, shape oblong. Pkt. 10c; oz. 75c; 1/4 lb. $2.50.

Cocoella Longe. Fruits cream color two to three feet long. About four inches in diameter. Ornamental when trained over trellises. The favorite Italian Marrow. Pkt. 10c; oz. 25c; 1/4 lb. 75c.
**TOMATO**

**Cultural Directions.** Seeds sown in a greenhouse, hotbed or warm window about March 15 will furnish seedlings which can later be pricked off into flats of rich soil allowing 3 to 4 inches apart each way for the plants to develop. Plants must be gradually hardened off and planted out after frost dangers have passed which is usually about May 24 in the vicinity of Boston, although occasionally freezing weather will occur even later than this. Plants may be set out 4 feet apart each way when allowed to ramble over the ground. A very much better plan to adopt by amateurs is to plant in rows 3 feet apart and allow only 24 to 27 inches between the plants. Drive a stout stake in for each plant, or use a few pieces of 2x4 lumber, driving these in at intervals of 3 to 6 feet and stringing old telephone wire at intervals of 10 to 12 inches along them. Laths may be used if preferred. To these tie the main stem of each plant and allow in addition two side shoots or laterals to grow. Later tie these in and rub off all other laterals and side shoots as they appear and tie plants up loosely once in 10 days. Tomato plants will easily attain a height of 6 or more feet. The tops should then be pinched out. Tomatoes trained in this way are very ornamental; they will ripen earlier than when allowed to ramble over the ground, and give a very much heavier yield of high class fruits. Light warm soils give the earliest fruits, but heavier land will give the greatest yield. The small fruited tomatoes may be tied to poles and will attain a height of 8 to 9 feet in a generous soil. One ounce of seed will produce about 2000 plants; 3 oz. to the acre.

**For Tomato Plants see page 83**

Breck's Balshire. This variety resulted from crossing Balch's Fillbasket and Lister's Prolific. It is far superior to the latter parent in that it is a heavier cropper, of better shape, and shows less tendency to crack. In a recent trial under glass some of the plants carried at least 40 lbs. of fruit. We recommend it strongly either for forcing or for out-door culture. Pkt. 25c; oz. $1.50.

**BRECK'S BELMONT.** The best early, either for forcing or open ground cultivation, fruit bright scarlet, few seeds, finely flavored and solid. Pkt. 10c; oz. 40c; 3/4 lb. $1.50.

**Sunrise.** An immense cropper, good form and size; a smooth, solid, bright red variety; recommended for forcing. Pkt. 15c; oz. 60c; 3/4 lb. $2.00.

Chalk's Early Jewel. Extra early, bright red, fine flavor and very productive. Pkt. 10c; oz. 50c; 3/4 lb. $1.50.

Comet. Splendid for forcing, very prolific. Pkt. 10c; oz. 50c; 3/4 lb. $1.50.

Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality. Pkt. 10c; oz. 30c; 3/4 lb. $1.00.

Dwarf Stone. The largest dwarf sort. Fruit bright scarlet. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Earliana. Earliest and best bright red tomato; smooth and firm. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Early Avon. An attractive early scarlet fruited tomato, the equal of Earliana for earliness, of better appearance and bearing over a longer period. A wonderful variety both for forcing and outdoor culture. Pkt. 15c; oz. 60c; 3/4 lb. $2.00.

Golden Queen. Good size and quality, bright yellow color. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

**JOHN BAER.** A most profitable variety for the market gardener. The fruit is nearly round, color clear scarlet, and of large size for an early tomato. Pkt. 10c; oz. 50c; 3/4 lb. $1.75.

Ponderosa. Large solid purple fruit. Few seeds; one of the best late sorts for the home garden. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

**BONNY BEST.** Very early, coming in with the Earliana. Plants vigorous and most productive. Fruit medium to large, very smooth, solid, uniform shape, color bright scarlet, quality excellent. Fruit ripens very uniformly. Pkt. 10c; oz. 50c; 3/4 lb. $1.50.

**Stone.** The standard late sort. Plants very vigorous, producing a heavy crop of large, slightly flattened, solid bright red fruit. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

**SMALL FRUITING VARIETIES**

**Pear Shaped, Red.** Solid, handsome fruit, good preserving variety. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Plum Shaped, Yellow. Used for salads and pickling. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Red Cherry. A small early variety, used for pickling. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Red Currant. Very small, used in preserves. Pkt. 10c; oz. 40c; 3/4 lb. $1.50.

Strawberry Tomato or Winter Cherry. (Also called "Ground Cherry.") Fruit grows in a husk and will keep all Winter. It has a pleasant strawberry-like flavor. Used for preserving and sauce. Pkt. 10c; oz. 40c; 3/4 lb. $1.25.

Yellow Cherry. Same as Red Cherry except for color. Pkt. 10c; oz. 30c; 3/4 lb. $1.00.
**TURNIP**

**Cultural Directions.** Spring sown turnips are grown to but a limited extent as they lose their quality and are often bitter and very tough with the advent of hot, dry weather. For an early crop sow seeds early in April, scatter seeds as thinly as possible and thin out to 4 or 5 inches apart. The Ruta Baga or Swedish turnips should be sown between June 15 and July 10 for best results. They need a fairly long growing season and will continue to grow until early November. They are very popular for winter use. The earlier maturing turnips can be sown as late as August 25 and will make nice roots before growth ceases. Light sandy soils do not grow the largest turnips but they possess much the best flavor. Seeds should be covered one inch. In the case of the strong growing Ruta-Bagas seedlings should be thinned to 10 or 12 inches apart and rows must be at least 24 inches apart. The small varieties can be sown as closely as 12 to 15 inches apart. One ounce of seed will sow 150 feet of drill; two pounds, one acre in drills; two pounds will also sow one acre broadcast.

**Early Snowball.** A very fine first early variety, producing a small globe-shaped root, free of all coarseness and pure white. A quick grower, recommended to the home gardener because of its neat habit of growth and its superior quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**Golden Ball.** A small golden-yellow variety with flesh of the finest texture. Early, of medium size, and unsurpassed for table use. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.25.

**Long White, or Cow Horn.** Flesh white, fine-grained and sweet, and of excellent quality. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c.

**White Top Milan.** The earliest of all turnips, very mild flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.

**Yellow Aberdeen.** Very hardy and productive; good for stock and table; keeps well. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.25.

**RUTA BAGA or SWEDISH TURNIP**

**Budlong Swede.** Choice strain, white. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. $1.25.

**IMPROVED AMERICAN.** Flesh yellow, solid, sweet, and fine flavor. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**St. Andrews.'** A yellow fleshed variety of excellent quality. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**Skirving’s Purple-Top.** Large, yellow, firm flesh, sweet, good keeper. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**Sweet German.** Pure white, very solid, sweet, mild, well flavored. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**White French.** Excellent for table or stock. Firm, white and solid. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.

**White Cape.** The white Ruta Baga required by all Cape Cod folk. A fine grained large, solid Winter sort. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.

**TOBACCO**

**Cultural Directions.** Seeds should be sown early in the Spring in frames or seedbed. Use rich garden soil, fine and well sifted, adding a liberal quantity of Wood Ashes as a fertilizer. Cover seed very lightly. When plants have reached good size and the weather is warm and settled transplant from the frame to the open ground, setting the plants in rows four feet apart. Cultivate frequently following the same method of cultivation as is used for Field Corn or Sweet Corn. One ounce of seed of strong germination will usually produce enough plants in seedbed to plant one acre of ground in the field.

**Connecticut Seed Leaf.** The popular New England variety. Leaves are of good size, wide and long, growing close on the stalk. Considered one of the best varieties for cigar wrappers. Pkt. 10c; ½ oz. 30c; oz. 50c.

**Havana.** This is imported seed of the very finest strain, and we can heartily recommend it to all tobacco growers. Pkt. 10c; oz. 30c; ¼ lb. $2.00.
VEGETABLE PLANTS & ROOTS

Carriage Extra. (All Plants Shipped at Customer’s Risk). All are especially grown for our trade from choicest strains of seed. We shall be pleased to quote special prices for larger quantities.

ASPARAGUS ROOTS
Per 100, $2.50; per 1000, $20.00.

CABBAGE PLANTS
From hot-beds, ready about first week in April
Doz. 30c; per 100, $1.50; per 1000, $12.00
Early Jersey Wakefield Stony Mason
Henderson’s Summer Fottler’s Brunswick
For Winter Crop, ready July
Per 100, $1.00; per 1000, $7.50.

Savoy American Improved Stony Mason
Fottler’s Brunswick

CAULIFLOWER PLANTS
Doz. 30c; per 100, $2.00; per 1000, $15.00
Breck’s White Bouquet Breck’s Snowball

CELERY PLANTS
Doz. 25c; per 100, $1.25; per 1000, $10.00
Boston Market Giant Pascal
Golden Self-Blanching White Plume

CHIVE PLANTS
Used for flavoring soups, etc. Each 25c; doz. $2.50.

EGG-PLANT PLANTS
Doz. $1.00; per 100, $7.00
New York Improved Black Beauty

HORSE-RADISH SETS
Maliner Kren. The famous Bohemian variety, growing in popularity here and recommended for the home garden.
Doz. 30c; per 100, $1.50.

LETTUCE PLANTS
Doz. 20c; per 100, $1.00.
Seasonable varieties such as May King, Boston Market and Iceberg will be available throughout the Spring planting season.

PEPPER PLANTS
Large Bell, or Bull Nose. Doz. 30c; per 100, $2.00.

RHUBARB ROOTS
Each 35c; per dozen $3.00.

SWEET POTATO PLANTS
Nansemond. Per 100, $1.25; per 1000, $10.00.

TARRAGON PLANTS
Per 100, $1.00; per 1000, $7.50.

TOMATO PLANTS
If shipped by express or freight, 60c per doz.; $3.75 per 100.
If taken from stock at store and not shipped by us, 50c per doz.; $3.50 per 100.
Breck’s Belmont Chalk’s Early Jewel
Dwarf Champion Stone Bonny Best

BIRD SEEDS FOR FEEDING—NOT FOR SEED
Prices quoted do not include parcel post or express charges.

Breck’s Choice Mixed Bird Seed. In packages packed by us; only best recleaned seed used. Pkt. 20c; doz. $2.00.
Breck’s Mixed Parrot Food. Lb. 20c; 100 lbs. $16.00.
Canary Seed. Choice Recleaned. Lb. 15c; 100 lbs. $12.00.
Hemp Seed. Recleaned Russian. Lb. 12c; 100 lbs. $10.00.
Rape, Bird. Lb. 15c; 100 lbs. $14.00.
Rape, English. Lb. 20c; 100 lbs. $16.00.
Mixed Bird Seed. In bulk. Lb. 15c; 100 lbs. $12.00.
Lettuce, for Birds. Lb. 30c; 100 lbs. $20.00.
Blue Maw or Poppy. Lb. 30c; 100 lbs. $30.00.
Rice Unhulled or Paddy. Lb. 15c; 100 lbs. $15.00.
Millet, Golden. Lb. 10c; 100 lbs. $8.00.
Millet, White French. Lb. 20c; 100 lbs. $18.00.
Wild Bird Food Mixture. Mixed seed and grain suitable for feeding wild birds in the open. Lb. 10c; 100 lbs. $8.00.

Golden Pleasure. Bird Tonic. Lb. 30c; 100-lbs. $27.00.
Sesame, Yellow. Bird Tonic. Lb. 15c; 100-lbs. $12.00.

POULTRY AND CHICKEN FOOD
All prices subject to market changes. For complete list of poultry supplies, feeds, etc., write for our Special Poultry Supply Catalog and price list for 1931.

PARK AND POLLARD POULTRY FEEDS
The standard and tested brands
Lay or Bust. 10-lbs. 50c; 25-lbs. $1.00; 100-lbs. $3.50.
Growing Mash Feed for Poultry. 10-lbs. 50c; 25-lbs. $1.00; 100-lbs. $3.50.
Fine Chick Scratch. 10-lbs. 55c; 25-lbs. $1.25; 100-lbs. $3.75.
Intermediate Scratch Chick Feed. 10-lbs. 50c; 25-lbs. $1.00; 100-lbs. $3.25.
Red Ribbon Brand Large Poultry Scratch. 10-lbs. 50c; 25-lbs. 85c; 100-lbs. $3.00.
Park & Pollard Chick Starter. 5-lbs. 40c; 10-lbs. 70c; 100-lbs. $1.35; 100-lbs. $4.50.
Cracked Corn for Poultry and Pigeons. 1-lb. 5c; 10-lbs. 45c; 25-lbs. $1.00; 100-lbs. $3.50.
Special prices quoted on larger quantities.
BRECK'S
BOSTON PARK
LAWN GRASS SEED

For over one hundred years, four generations of Brecks have supplied this Superb Mixture to four generations of exacting lawn builders. Boston Park Lawn Seed is the finest mixture of pure grass seeds that money can buy. The average lawn grass mixture weighs 20 lbs. to the bushel. Boston Park Lawn Grass Mixture weighs 32 lbs. to the bushel, making it the best and by far the most economical to use. It is packed in 1 lb. and 4 lb. canisters for your protection when buying and for your convenience in using. In each canister will be found a copy of "Lawns in the Making," a booklet giving the most approved methods of construction and maintenance of lawns. One pound of Boston Park Lawn Seed is sufficient to sow about 400 sq. feet; 3 bu. to the acre. Per 1 lb. canister, 75c; per 4 lb. canister, $2.75; in bulk, per peck, 8 lbs. $5.00; per bushel, 32 lbs., $18.00. Carriage paid to any point in New England when cash accompanies the order.

We recommend as a Spring and Fall top dressing for Putting Greens, Fairways and established lawns V C FAIRWAY, a complete chemical fertilizer providing available plant foods that are best suited for developing turf. Per 100 lbs. $6.00.

BRECK'S SPECIAL SEASHORE
LAWN GRASS MIXTURE

The grasses going into this mixture have been carefully selected for their deep rooting qualities, their resistance to salt spray, and for their ability to withstand drought, and the conditions invariably found on poor and sandy soils. Before sowing this special formula 5 lbs. of Wood Ashes or Poultry Manure should be applied and raked into the surface soil to every 100 sq. ft. At least 1 lb. of seed should be sown to every 300 sq. ft. Per lb. 75c; 4 lbs., $2.75; 8 lbs., $5.00; per bushel, $18.00.

Use SEMESAN to prevent and control Brown Patch on Lawns and Putting Greens. Circulars on request. Semesan cannot be sent by mail per order of the United States Postal Authorities.

BRECK'S SPECIAL FORMULA OF MIXED GRASS SEED FOR TENNIS COURTS

The component parts of this special formula have been carefully selected and tested to meet the requirements of the soil and climatic conditions of New England. These Grasses make a quick growth, are a permanent, will withstand hard wear and yet furnish a firm fine turf which can be closely cut. Light top dressings of high grade soluble lawn fertilizers are recommended from time to time. Per lb. 75c; 4 lbs. $2.75; 8 lbs. $5.00; per bu. $18.00.
**BANK and TERRACE GRASS MIXTURE**

There are many lawns situated on slopes and embankments and these situations require grasses that establish themselves quickly and make deep and well-developed root systems. To meet these conditions we have prepared a mixture of grasses that are hardy and that will withstand hard usage and frequent cutting. Our Bank and Terrace Mixture should be sown thickly and lightly covered. After the grass has become established, frequent mowing is recommended. No clover seed is included in our Bank and Terrace Mixture.

Per qt. 50c; per one-half peck, $1.75; per peck, $3.25; per bushel, $12.00.

Weight 20 lbs. per bushel; carriage extra.

**BRECK’S ATHLETIC GROUND OR POLO FIELD MIXTURE**

No Clover of any kind has been included in this formula as clover is liable to make a playing field slippery. The grasses used are those most capable of making a strong rapid growth. The roots of the grasses comprising this special mixture will strike deep into the soil preventing the rapid drying out of the turf in dry weather and yet furnishing a sod that will be permanent and which will stand very hard usage. Areas seeded with this Mixture may be kept closely cut without destroying the stand of grass. We recommend sowing at least 100 lbs. of seed per acre. Application of Premier Poultry Manure as a top dressing before the seed is sown will materially help in promoting the rapid growth of the grass and further applications at stated intervals will insure the permanency of the sod. The grasses in our formula require slightly acid soils and fertilizers selected should always be chosen because of their tendency to produce a slightly acid reaction in the soil. Poultry Manure will produce this acid reaction. One can also use Sulphate of Ammonia in the same way but with more care.

Per lb. 50c; 10 lbs. $4.50; 100 lbs. $40.00.

**PERMANENT GRASS SEED MIXTURES FOR GOLF COURSES**

That we may serve Golf Clubs to better advantage and furnish Golf Mixtures that are best adapted to the soils and climate of New England, we have made careful study, growing tests and comparisons of and with the mixtures used here and on Golf Courses abroad.

These seeds are of the highest grade, carefully tested for Purity and Germination. We are prepared to furnish at short notice these Mixtures or any other mixture of Golf Grasses which we have in stock, made up especially to suit a Club's particular needs.

No. 1. Putting Greens. Per lb. $1.00; 100 lbs. $85.00.

No. 2. Fair Greens, light, dry soils. Per lb. 75c; 100 lbs. $65.00.

No. 3. Fair Greens, low, damp soils. Per lb. 70c; 100 lbs. $60.00.

**BENT GRASSES**

For LAWNS and PUTTING GREENS

We furnish from the most reliable sources the several kinds of Bent Grasses best adapted to New England soils. With each shipment is furnished our Purity and Germination Tests.

Rhode Island Bent or Brown Top Fancy Recleaned Seed. Per lb. $2.00; per 100 lbs. $150.00.

New Zealand or Colonial Bent. Per lb. $2.00; 100 lbs. $150.00.

Velvet Bent (Agrostis Canina). Per lb. $6.00.

Seaside Bent (Agrostis Maritima). Per lb. $2.50; 100 lbs. $200.00.

True Creeping Bent (Agrostis Stolonifera Var. Compacta). Per lb. $2.00; 100 lbs. $150.00.

German Mixed Bent. Composed largely of Rhode Island Bent and True Creeping Bent. Per lb. $1.50; 100 lbs. $125.00.

Creeping Bent Stolons. Local grown. Per sq. foot 30c, or stock sufficient for 1,000 sq. feet for $25.00.

**BRECK’S “VELTURF” LAWN GRASS MIXTURE**

To meet the insistent demand for a lawn mixture that will contain the Grasses necessary to provide a turf equal to that of the finest Putting Greens, we have prepared this super mixture of Bent and similar grasses which are used almost exclusively on the Putting Greens here in New England and on many Fairways.

The formula of Breck's “VELTURF” Lawn Grass Mixture permits of nothing but the finest grades of seeds obtainable. The major portion of the mixture consists of Northern-Grown Rhode Island Bent, virtually pure Bent; no Clover of any kind is allowed in this blend.

"VELTURF" Mixture if sown in ground that is composed of fine rich loam that has been properly fertilized with V. C. Fairway Fertilizer, will positively produce a turf of surpassing texture and of a deep rich green color equal to that of the finest Putting Green. V. C. Fairway Fertilizer will bring about a slightly acid soil condition which is just exactly what this mixture of Bent and other superior grasses require. Throughout the season several applications of V. C. Fairway Fertilizer mixed with rich sited loam should be given in order to promote the rapid growth of the Bent Grasses. "VELTURF" should be sown at the rate of not less than one pound of seed for each 200 square feet of lawn surface. The seed should be sown in moist soil and only lightly covered. All Bent Grasses require close and frequent cutting in order to produce a close Velvety Turf.

Well suited for shady situations.

Price: per lb. $1.50; 100-lb. lots and over, in bulk, $1.40 per lb.

**PURFECK CHICKWEED ELIMINATOR**

This solution will rid lawns and putting greens of chickweed. Spray on the grass only in the Fall, Winter or early Spring. It can be applied on frozen ground but not on snow. Write for detailed information.

Price: qt. 75c; per gal. $2.00; 5-gal. $9.00; 10-gal. $17.00; 25-gal. drum. $35.00; 50-gal. drum. $60.00.
BRECK'S SPECIAL GRASS SEED MIXTURES
FOR MOWING AND GRAZING LANDS

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 lie 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 of slower growth should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the annual and biennial grasses being in all likelihood occupied by objectionable weeds; whereas, if a proper selection of those species capable of lasting the whole of the desired period had been sown, the lay would remain full of plants, free from weeds, and in consequence, would be very much more profitable during the whole time the land is in grass.

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

MIXTURES FOR MOWING AND GRAZING

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>1 or 2 years' Mowing</th>
<th>2 or 3 years' Mowing of Grazing</th>
<th>4 years' Mowing or Grazing</th>
<th>Permanent Mowing with occasional Grazing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. 5 Light Soils</td>
<td>No. 6 Medium Soils</td>
<td>No. 7 Heavy Soils</td>
<td>No. 8 Light Soils</td>
</tr>
<tr>
<td>Italian Rye Grass</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perennial Rye Grass</td>
<td>4</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orchard Grass</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Meadow Foxtail</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard Fescue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Grass</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Top</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wood Meadow</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rough Stalked Meadow</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Meadow Fescue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sweet Vernal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Timothy</td>
<td>7</td>
<td>9</td>
<td>1 1/2</td>
<td>8</td>
</tr>
<tr>
<td>Red Clover</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perennial Red Clover</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aiske Clover</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Clover</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>33</td>
<td>35</td>
<td>38</td>
<td>35</td>
</tr>
</tbody>
</table>
Subject to frequent market changes, net i. o. b. Boston, bags extra. The following list of Agricultural Grasses includes the varieties used most extensively in Permanent pasture and other grass mixtures.

**Awnless, or Smooth Brome Grass (Bromus inermis).** An erect-growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils, where the more delicate grasses will not grow. Weight, 12 lbs. per bushel. Lb. 40c; per 100 lbs. $30.00.

**Creeping Bent, or Firoin (Agrostis stolonifera).** The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottomlands, especially if they are somewhat sandy. It is rapid of growth and spreading in habit, and the stoloniferous roots form a strong, enough spread for alternate husbandry, but as it does not last over two years, it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. Lb. 18c; per 100 lbs. $15.00.

**Italian Rye ( Lolium Italicum).** Annual. In nutritive value, earliness and quickness of growth, after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry, but as it does not last over two years, it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. Lb. 18c; per 100 lbs. $15.00.

**Meadow Foxtail ( Alopecurus pratensis).** Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures. It is the most valuable grass for hay, especially in the North, thriving best on moist, rich soils. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. Lb. 18c; per 100 lbs. $15.00.

**Meadow Fescue, or English Blue Grass ( Festuca pratensis).** A most valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. Weight, 15 lbs. per bushel. Lb. 55c; per 100 lbs. $50.00.

**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 pasture when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. Unhulled seed: Lb. 25c; per 100 lbs. $22.00. Fancy, or clean seed: Lb. 40c; per 100 lbs. $34.00.

**Sweet Vernal. (Perennial).** Root fibrous; flowers in May. Valuable on account of its early growth. It is very fragrant and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those that are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. Lb. $1.00; per 100 lbs. $85.00.

**Tall Meadow Fescue ( Festuca pratensis).** Root fibrous; perennial; flowers in July. Of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep, sandy lands, and is suitable for sowing in orchards or other shady places. Weight, 15 lbs. per bushel. Lb. 55c; per 100 lbs. $50.00.

**Wood Meadow Grass ( Poa nemoralis).** Root fibrous; flowers in June and July. This grass, as its name implies, is found naturally in woods and is well adapted to growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Weight, 14 lbs. per bushel. Lb. 90c; per 100 lbs. $85.00.
BRECK’S AGRICULTURAL GRASSES (Continued)

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. Weight, 12 lbs. per bushel. Lb. 50c; per 100 lbs. $45.00.

Fine-Leaved Fescue (Festuca tenuifolia). This is really a variety of Festuca ovina with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it suitable for dry slopes on lawns. It stands grazing well, is very hardy, and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. Weight, 22 lbs. per bushel. Lb. 50c; per 100 lbs. $45.00.

New Zealand Chewing Fescue. We offer genuine New Zealand-grown Chewing’s Fescue, re-cleaned, and of latest crop. This Fescue is highly recommended for Putting Greens. Requires sour soil for best results. Lb. 65c; per 100 lbs. $50.00.

Tall Fescue (Festuca elatior). Root fibrous, somewhat creeping; perennial; flowers June and July. In appearance this species resembles the Festuca pratensis, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent pasture on most soils. Weight, 15 lbs. per bushel. Lb. 50c; per 100 lbs. $45.00.

Hard Fescue (Festuca duriuscula). This is one of the best grasses of the Fescue family. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists Summer drought, and develops remarkable verdure during Winter. It should form a part of every mixture for lawn or pleasure grounds, as well as for permanent pasture and alternate husbandry. Lb. 50c; per 100 lbs. $45.00.

Red or Creeping Fescue (Festuca rubra). This grass grows on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. Lb. $1.00; per 100 lbs. $9.50.

BRECK’S FIELD CORN

Prices subject to market changes and for seed f. o. b. Boston; bags extra at value. Special quotation made where large quantities are required. Our seed corn grown for us under contract and especially for seed purposes. We wish to call particular attention to our fine stock of Improved Learning and also Virginian-grown Eureka Ensilage.

SWEEPSTAKES

Pedigree Seed Corn

The premier ensilage corn for New England, producing the highest quality and the greatest tonnage per acre from dependable seed corn. Fully 50% more food value than any other variety. Pedigree Sweepstakes consists of hybrid types of various family strains of corn. Always carefully selected and showing marked improvement from year to year. The 1928 crop is considered by the grower the finest quality crop of corn ever produced. The past year has furnished wonderful crops of 25 to 35 tons of ensilage with well developed ears and stalks. These crops grown from plantings made from May 25th to June 12th. Plant this brand of seed corn every year and be sure of banner crops of both ensilage and ears. Pedigree Sweepstakes of 25 to June 12th. Plant this brand of seed corn every year and be sure of banner crops of both ensilage and ears. Pedigree Sweepstakes is a standard product, always dependable. Do not plant more than one bushel of seed on three acres. Do not plant rows less than 42 inches apart, kernels 10 to 16 inches. The highest grade XXX always recommended and is furnished only in the originator’s sealed and branded bags. Prices: per qt. 25c; per peck $1.75; per bu. $5.00. We can also furnish the second grade XX, a splendid ensilage corn at $4.00 per bu.

Breck’s Mondamin. The earliest and best Yellow Flint variety; eight-rowed ears, well filled to the tips. Qt. 25c; pk. $1.50; bu. $5.00.

Early Yellow Canada. An extra early eight-rowed Flint variety with large kernels and small cobs. Ears of medium size. A popular variety in Northern New England. Qt. 20c; pk. $1.25; bu. $4.00.

Early Sanford. A popular White Flint variety, equally valuable for ensilage or grinding. The eight-rowed ears average from 9 to 10 inches in length and have broad cream-white kernels. Qt. 20c; pk. $1.25; bu. $4.00.

Eureka Ensilage. One of the most popular White Dent varieties among dairymen. It is enormously productive of both foliage and ears. Our Virginian-grown seed has given great satisfaction in New England. Qt. 25c; pk. $1.25; bu. $4.25.

Forrest Gold Standard No. 100. A Northern grown early maturing Dent Corn; valuable for Northern New England both for Fodder Corn and for Shell Corn; recommended especially for Ensilage. Large stalks, very leafy ears set high up on the stalks. Qt. 25c; pk. $1.50; bu. $5.00.

Golden Nugget. Large yellow flint sort. Has been grown for a number of years in New York and is very popular in that State. Our trials here locally have been successful during the past season. We recommend it for Southern New England. Qt. 20c; pk. $1.50; bu. $5.00.

Improved Learning. A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. Qt. 20c; pk. $1.00; bu. $3.00.

Longfellow. The variety most widely grown in New England. An early eight-rowed Flint corn with long ears and comparatively small cobs, filled to the tips with large, broad kernels. Qt. 20c; pk. $1.25; bu. $4.00.

Pride of the North. An exceptionally early Dent variety. Stalks of medium height with broad leaves. The ears, which average 7 or 8 inches in length, have from 12 to 16 rows. Grains long and deep yellow, making meal of extra good quality. Qt. 20c; pk. 85c; bu. $3.00.

Sweet Fodder. Unexcelled for cutting green and feeding stock. It should be included in all soil ing schedules. Qt. 25c; pk. $1.75; measured bu. $6.00.

SORGHUM

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

Early Amber Sugar Cane. Will ripen where Indian corn matures. Lb. 12c; per 100 lbs. $8.00.

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

White Kaffir Corn. Lb. 12c; per 100 lbs. $8.00.
Alfalfa is a legume, taking free nitrogen from the air and storing it up in the deep growing roots. As green fodder or cured hay Alfalfa is relished above all other forage crops by stock.

To grow a good field of Alfalfa, it is important to select deep, loamy, well-drained land with loose sub-soil, as standing water will soon kill out the young plants. Plow and harrow the land thoroughly, and with the first harrowing apply at least one ton of Agricultural Lime per acre, thereby correcting any acidity in the soil and, what is more important, making conditions favorable to the activity of nitrogen-gathering bacteria upon the presence of which success depends.

GENUINE GRIMM ALFALFA—
As a result of extensive trials of numerous varieties of Alfalfa, at various Experiment Stations and on many farms in the Northern States, the unanimous conclusion is that the Grimm strain is hardier and more productive than any other known variety. Per lb. 60c; 20 lb. lots and over, 50c per lb.

All Grains sold F. O. B. Boston. Bags Extra. Prices subject to market changes. Samples sent on request.

NORTHERN ALFALFA
(Forrest No. 962)
Grown for us in a territory where the range of temperature is greatly varied and where there is a small amount of moisture. The crown of the No. 962 is larger and grows more underground enabling the plants to withstand severe Winter weather. Weight 60 lbs. per bushel. Lb. 50c; per 100 lbs. $45.00.

SEED OATS
Breck's King Oats. A close or cluster-headed variety; first recommended to the New England farmer by us fully twenty-five years ago. The stock has been carefully selected and improved over a series of years, insuring grain of the first quality free from fungous diseases, weighing not less than 40 pounds to the measured bushel, of strong germination and of most attractive appearance. Two bushels of King Oats will plant more area than four bushels of the common seed oats procured from local sources. Per bushel of 32 lbs. $2.00; 10 bushel lots and over $1.85 per bushel.

Swedish Select. A variety of Swedish origin. Owing to its splendid vigor, hardiness, and productiveness it is most highly recommended for New England soil. The oats ripen early, the straw is strong, stiff, tall, and the grain is white, thin-hulled, and plump. Weight per measured bushel, 40 to 45 pounds. The spikelets usually contain 2 grains. The growth in the Autumn is unusually regular and upright. Our stock comes from Northern Wisconsin. It is free from disease and of high germination. Per bushel, $1.50; 10 bushel lots and over, per bushel, $1.35.

SEED RYE
We furnish only selected Rye saved for seed. Rosen Winter Rye. The most desirable variety for New England conditions, either Summer or Autumn planting. Bu., $2.50.

Spring Rye. Selected re-cleaned grain in limited supply. Bu., $2.50.

WINTER WHEAT
Dawson's Golden Chaff. One of the hardiest wheats we know of; heads bald, color of grain white, inclined to light amber, straw of medium length. Bu., $3.00.

SPRING WHEAT
Marquis. A variety produced by scientific cross breeding of the old Calcutta and the frost-resisting Red Fyfe variety. In appearance, Marquis Wheat is similar to Red Fyfe, but the heads as a rule are heavier and the stalks shorter, making it less likely to lodge. The kernel is flinty, a little darker red and more plump than Fyfe. It is beardless, having smooth yellow chaff, but its most valuable feature lies in its earliness, as it matures a week or ten days earlier than Red Fyfe. Quat, 15c; pk. 85c; bu. $2.50.

BUCKWHEAT
Silver Hulled. Bu., $3.00.


BARLEY
Two-Rowed. Bu., $2.50.
Four or Six-Rowed. Bu., $2.50.

VELVET SMOOTH BEARDED. Hardy, quick-growing Western Barley; highly recommended for green forage; no rough beard to spoil the feed. Bu. $2.50.

WILD RICE
Zizania aquatica. Price on application. Not kept in stock. Seed must be kept moist until sown.

SUDAN GRASS
Very closely related to the Sorghum family; is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. It is an annual of quick growth—the first crop being
**SUDAN GRASS (Continued)**

ready to cut in fifty to seventy days after planting, depending upon the length of seasons and moisture; the second and third crops about forty-five or fifty days later respectively.

Sudan Grass has been grown successfully on almost every class of soil from heavy clay to light sand, doing best on a rich loam, but, of course, on light soil and for its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips, and cabbage will be found very suitable for Rape. Planted in New England from May first to middle or last of July in average seasons. In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

Dwarf Essex Rape will be found to resist Summer drought if care is taken to get the plants well started before extreme Summer heat may be expected. For sowing in drills, about 10 lbs. of seed per acre is required; broadcast 15 lbs. per acre. Lb. 15c; per 100 lbs. $14.00.

**CLOVERS**

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

Medium Red (Trifolium pratense). Gold Standard No. 12 Brand. The common Red Clover, but our stock comes from Northern Michigan and Wisconsin and grown from selected seed, furnishing us with a very hardy strain which will produce a greater tonnage per acre and withstand the Northern Winters. A superior type recommended especially for Northern New England. Weight 60 lbs. per bushel. Lb. 45c; per 100 lbs. $40.00.

Aisike, or Swedish (Trifolium hybridum). The hardiest of all clovers; it resists cold and extreme drought, and for low, wet land is most valuable; excellent for bees. Weight 60 lbs. per bushel. Lb. 35c; per 100 lbs. $32.00.

White Clover (Trifolium repens). This variety should be included in all mixtures for lawns and permanent pastures. It is adapted to all soils. Weight 60 lbs. per bushel. Lb. 60c; per 100 lbs. $55.00.

Crimson Clover (Trifolium incarnatum). Also known as Scarlet, or Carnation Clover. A rapid-growing annual of great value where only one crop is desired; excellent as a cover crop in orchards, or for plowing under to improve poor soils. Weight, 60 lbs. per bushel. Lb. 20c; per 100 lbs. $15.00.

Yellow Sweet Clover (Melilotus officinalis). More suitable for turning under than the White variety. A good crop with which to prepare land for Alfalfa. Height about 2 feet. Weight 60 lbs. per bushel. Lb. 20c; per 100 lbs. $18.00.

Bohara (Melilotus albus) (White Sweet). Will grow on very poor soils; excellent for plowing under as a green manure. Valuable for bee keepers. Weight 60 lbs. per bushel. Lb. 25c; per 100 lbs. $20.00.

**MILLETS**

Hungarian Grass (Panicum Germanicum). This species of Millet is comparatively small and fine in its habits of growth. It is one of the most profitable hay and forage crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. Lb. 15c; per 100 lbs. $12.00.

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

Liberty, or Golden Millet (Panicum Milaceum var.). An improved, medium early variety, growing from 3 to 5 feet high. The heads are closely condensed though the spikes are numerous. Weight 50 pounds per bushel. Lb. 15c; per 100 lbs. $12.00.

**RAPE Dwarf—Essex, English**

Easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach a height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth. Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for this development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips, and cabbage will be found very suitable for Rape. Planted in New England from May first to middle or last of July in average seasons. In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

**MISCELLANEOUS SEEDS**

For Forage Crops, Plowing under, etc.

Prices subject to frequent market changes

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

Broom Corn, Long Brush Evergreen. Succeeds best in good, deep, moderately moist soil. Sow 12 quarts per acre, after danger from frost is past. Lb. 30c; per 100 lbs. $25.00.

Winter Vetch (Vicia villosa). Growth and appearance like Spring Vetch. Valuable as a cover crop or for early Spring forage. In this latitude seed should be sown before September fifteenth, so that the plants may become well established before cold weather. It is customary to sow from two to four pecks of Winter Vetch with six pecks of either Winter Wheat or Winter Rye. If sown alone, broadcast one bushel per acre. Weight, 60 lbs. per bushel. Lb. 20c; per 100 lbs. $18.00.

Spring Vetch or Tares (Vicia sativa). Very much like common peas in growth and general appearance. An annual legume. Valuable as a Summer forage when sown early in Spring on well cultivated and enriched ground at the rate of 1½ bushel Vetch and 2 bushels Grain, Barley, or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as a cover crop for orchard. Weight per bushel, 60 lbs. Lb. 10c; per 100 lbs. $9.00.

**SOJA BEANS**

Prices subject to frequent market changes.

One of the most valuable and important forage and soil-improving crops. When cut together with Corn for the sake of the silo, they greatly improve the quality of the feed.

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

Ito San. An early, small-leaved variety recommended for latitudes having short season, especially New England. Qt. 20c; pk. $1.50; bu. $5.00.

Wilson. A rank-growing variety, branching high, leaves large, both pods and leaves remaining on vines long after cutting. Qt. 25c; pk. $1.75; bu. $6.00.

Special prices quoted for large quantities.

**SOUTHERN COW PEAS—Vigna Catjang**

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

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

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

Whippoorwill. One of the earliest. Qt. 25c; per bu. $6.00.
None of the Summer-flowering bulbous plants have the great popularity enjoyed by the Gladiolus. They are everybody’s flowers because everybody can grow them. Their adaptability to garden decoration or to use as cut-flowers during the Summer and early Autumn is surpassed by no other flower we know of. In cutting Gladiolus it is best to cut the spikes as soon as the first flower has opened, always leaving from four to five leaves when cutting. The remainder of the blossoms will open in the house and last much longer. The simplicity of its culture is one of the most important qualifications of this splendid flower.

In presenting to you the following Gladiolus, we wish to state that our catalogue has been entirely revised by one who has been associated with and has grown Gladiolus for the past twenty years. The entire selection is based on bulbs which have proved their merit. You will not be disappointed in any one of them. They are selected as having vigorous spikes with many flowers open at one time, but more especially for their value in clearness of color. Considerable care has also been exercised in selecting those bulbs which have a great deal of vigor. The following descriptions of Gladiolus have been made as concise as possible.

Northern New England bulbs which average 1½ inches and over in size and are considered the very best flowering sizes. Bulbs at the single or dozen prices sent post-paid. Not less than six sold at the dozen rate.

**Cultural Directions.** Any good garden soil will grow Gladiolus provided they are planted in a sunny location. Bulbs should be planted six inches deep and from four to six inches apart. We recommend an application of Sheep Manure or a mixture of ground bone and wood ashes when extra good blooms for Exhibition purposes are desired. Otherwise, no extra or special attention is at all necessary. Bulbs may be planted as early as the ground is dried out in the Spring, and planting may continue until the middle of July with good results. In the Autumn when the leaves begin to turn brown, or after the first two or three pronounced frosts, the bulbs should be lifted, the stalks cut off and they should be stored in a cool, dry place. Before planting dust the bulbs with Sesan. Full information on request.

Aida. Striking dark blue, small reddish throat blotches. Extremely early and blooms with as many as 12 florets open at a time. Each 75c; doz. $7.50; per 100, $60.00.

America. Delicate lavender pink. Each 10c; doz. 75c; per 100, $5.00.

American Beauty. American Beauty Rose color, yellow throat. Each 20c; doz. $2.00; per 100, $15.00.

Anna Eberius. Dark velvety purple, throat deeper shade, flowers large. Each 10c; doz. $1.00; per 100, $7.50.

Annie Laurie. A new variety of merit. White-flushed pink semi-ruffled. Each, 20c; doz. $2.00; per 100, $15.00.

Anthony B. Kunderd. A beautiful, intensely ruffled variety; deep cream with overspread of blush pink. Each 20c; doz. $2.00; per 100, $15.00.

Baron Joseph Hulot. Rich violet. Each 15c; doz. $1.50; per 100, $10.00.

Bengal Tiger. Flowers of oriental coloring, suggestive of the tiger’s markings. Each 15c; doz. $1.50; per 100, $10.00.

Break O’Day. Growth and habit very similar to Halley but of a very light pink. Each 15c; doz. $1.50; per 100, $10.00.

Byron L. Smith. Most refined lavender-pink on a white ground. Each 15c; doz. $1.50; per 100, $10.00.

Captain Boynton. Color white, well brushed with lavender with maroon blotch on lower petals. Each 20c; doz. $2.00; per 100, $15.00.

Carmen Sylva. A pure white except for slight violet markings deep in the throat. Each 15c; doz. $1.50; per 100, $10.00.

Catherine Coleman. Flowers a very rich coral pink with throat markings. Each 30c; doz. $3.00; per 100, $20.00.

Crimson Glow. Scarlet of a deep tone, large flowers, fine form. Each 10c; doz. $1.00; per 100, $7.50.

Dolly Varden. Yellow with deep pink border. Each 30c; doz. $3.00; per 100, $20.00.

Jane Addams

Dr. F. E. Bennett. An unusual red, most fiery imaginable and very large flower. Each 20c; doz. $2.00; per 100, $15.00.

Dr. Moody. Strong growing early flowering large lavender that opens many flowers at a time. Each 50c; doz. $5.00; per 100, $37.50.

E. I. Farrington. A very beautiful new yellow destined to become one of the most popular varieties of all time. Color a very rich self-yellow, florets of fair size. Six open perfectly placed on 4-foot spike. Each 75c; doz. $7.50; per 100, $60.00.

E. J. Shaylor. Beautiful deep rose pink. Each 10c; doz. $1.00; per 100, $7.50.

Elizabeth Tabor. Delicate rosy pink on white ground, rich dark crimson blotch. Each 10c; doz. $1.00; per 100, $7.50.

Elkhart. Very clear light violet purple. Each 25c; doz. $2.50; per 100, $18.00.

Europa. The best white yet offered. Each 20c; doz. $2.00; per 100, $15.00.

Evelyn Kirkland. Rosy pink, darker at the edges, shading to shell pink. Each 10c; doz. $1.00; per 100, $7.50.

Fern Kyle. Kunderd’s massive creamy white exhibition variety. Each 20c; doz. $2.00; per 100, $15.00.

Geraldine Farrar. Pale lavender violet with a deep violet spot on the tip. Each 35c; doz. $3.50; per 100, $25.00.

Giant Nymph. A giant in growth and flowers. Light rose pink color. Each 15c; doz. $1.50; per 100, $10.00.

Gloriana. A fine new large salmon pink. Each 20c; doz. $2.00; per 100, $15.00.

Gold. Spike of medium height with large flowers, pure yellow. Each 15c; doz. $1.50; per 100, $10.00.

Golden Glory. Ruffled flowers of yellow. Each 25c; doz. $2.50; per 100, $18.00.

Golden Measure. Tall vigorous spike with many large pure yellow flowers. Each 15c; doz. $1.50; per 100, $10.00.

Goldie Locks. Pure yellow without marking. Each 30c; doz. $3.00; per 100, $20.00.
GLADIOLUS

BRECK'S

Halley. Rich salmon pink. Each 10c; doz. 75c; per 100, $5.50.
Heavenly Blue. Soft lavender blue, very tall straight spike with 6 or 10 open, beautiful. Each 60c; doz. $6.00; per 100, $45.00.
Henry C. Goehl. Flowers large and well opened, with broad segments of solid white slightly flushed pink. Blotted deep crimson. Each 20c; doz. $2.00; per 100, $15.00.
Henry Ford. Very dark Rhodamine Purple shading into a deeper shade near centre, flowers are of large size. Each 15c; doz. $1.50; per 100, $10.00.
Herada. Pure mauve with deeper markings. Each 10c; doz. $1.00; per 100, $7.50.
Homestake. Rich deep orange that is one of the finest and most popular varieties yet introduced. Same color tints as in the Favourite Talisman rose. Each 75c; doz. $3.50; per 100, $25.00.
Jane Addams. Beautiful new lavender with white throat. Each 50c; doz. $5.00; per 100, $37.50.
Jenny Lind. Soft salmon pink, creamy throat. Each 15c; doz. $1.50; per 100, $10.00.
Joerg's White. Extra large wide open creamy white with slight crimson markings over yellow throat. Will open 8 florets at a time. Each 35c; doz. $3.50; per 100, $25.00.
John T. Pirie. Mahogany brown with yellow bordered brown throat. Color most unusual and very attractive. Each 20c; doz. $2.00; per 100, $15.00.
King George. From Mair of Scotland. Very tall dark red, edged darker and with cream throat blotch. Extensively used for exhibition. Each 60c; doz. $6.00; per 100, $45.00.
Kirchoff's Violet. Rare and beautiful very deep violet-blue, same color as Baron Hulot but much larger flower and spike. Each 40c; doz. $4.00; per 100, $30.00.
Kirchoff's New Violet. Lighter violet color than Kirchoff's Violet and very much the stronger and healthier grower. Each 50c; doz. $5.00; per 100, $37.50.
Laughing Water. Clear bright salmon rose. Each 35c; doz. $3.50; per 100, $25.00.
Le Maréchal Foch. Delicate pink-lavender. Each 10c; doz. $1.00; per 100, $7.50.
Longfellow. La France pink, very large wide open blooms, perfectly placed on tall, slender stem. Each 20c; doz. $2.00; per 100, $15.00.
Los Angeles. Delicate pink with cerise feather. Each 15c; doz. $1.50; per 100, $10.00.
Louise. Large, fully open bright lavender blooms with wine colored blotch in throat. Each 15c; doz. $1.50; per 100, $10.00.
Madame Monet Sully. Creamy white, orange blotch. Each 50c; doz. $5.00; per 100, $37.50.
Marmora. A sensational Gladiolus of immense, lavender grey—with petunia colored blotch, many open. Each 75c; doz. $8.00; per 100, $60.00.
Marshal Foch. Flower is of immense size, well opened and beautifully ruffled. Color is warm salmon. Each 20c; doz. $2.00; per 100, $15.00.
Martha Washington. A warm light red with dark velvety blotches, almost black on the lower petals, like a Martha Washington Geranium. Each 35c; doz. $3.50; per 100, $25.00.
Mary Frey. Lavender with ruby blotch. Good spike. Blooms well arranged. Probably the earliest of all the good lavenders. Easy to grow. Each 50c; doz. $5.00; per 100, $37.50.
Mary Pickford. Creamy white, yellow throat. Each 10c; doz. $1.00; per 100, $7.50.
Minuet. New self colored lavender. Each 60c; doz. $6.00; per 100, $45.00.
Mr. Mark. The best blue with darker blotch. Each 20c; doz. $2.00; per 100, $15.00.
Mr. W. H. Phipps. Beautiful flesh pink with about 22 blooms to a spike and nearly all opening at a time. Each 20c; doz. $2.00; per 100, $15.00.
Mrs. Dr. Norton. White shading to soft pink at edge of petals, lower petals blotched with sulphur. Each 15c; doz. $1.50; per 100, $10.00.
Mrs. F. C. Hornberger. Leading white. Nicely ruffled, wide open, perfectly placed bloom of remarkable texture with 28 buds to the spike. Very vigorous grower. Each 35c; per doz. $3.50; per 100, $25.00.
Mrs. Francis King. Red blotch on lower petal. Each 10c; doz. $1.00; per 100, $7.50.
Mrs. Frank Pendleton. Deep rose-pink of two tones, patch of carmine. Each 10c; doz. $1.00; per 100, $7.50.
Mrs. Frederick C. Peters. Rich rose violet flowers resembling orchids. Each 15c; doz. $1.50; per 100, $10.00.
Mrs. H. E. Bothin. Light geranium pink, heavily ruffled, scarlet centre. Each 20c; doz. $1.75; per 100, $12.00.
Mrs. Leon Douglas. Flowers of this variety very large and spikes very long. Ground color begonia rose, striped with brilliant scarlet. Pale lemon lip, slightly speckled ruby. Height of five feet and over. Each 15c; doz. $1.50; per 100, $10.00.
Mrs. Van Koyenburg. Matchless aniline blue. Far superior color to Baden. Tall spike, many open. Each 50c; doz. $5.00; per 100, $37.50.
Muriel. Lavender, deep velvety purple blotch. Each 20c; doz. $2.00; per 100, $15.00.
Nancy Hanks. Tall large flowered variety, shades of rich peach red to orange pink. Each 20c; doz. $2.00; per 100, $15.00.
Orange Wonder. One of the very few good new varieties in the Orange class. Large flower, vigorous grower, splendid color. Each 75c; doz. $7.50; per 100, $60.00.

Orchid Lady. Rose lavender with white throat, flowers of immense size wonderfully attractive. Each 50c; doz. $5.50; per 100, $37.50.

Osalin. A lovely coral-pink with soft orange markings in throat. Each 20c; doz. $2.00; per 100, $15.00.

Paul Pfizter. New, rich color of brilliant velvet purple. Growth strong and healthy. One of the most attractive varieties for the garden. Each 50c; doz. $5.00; per 100, $37.50.

Peace. White with slight bluish tint. Blossoms large. Each 10c; doz. $1.00; per 100, $7.50.

Peach Rose. Deep rose-pink. Each 20c; doz. $2.00; per 100, $15.00.

Pearl of California. A very strong upright grower, flowers of excellent quality of the clearest soft La France pink with clear rosy white throat. Each 50c; doz. $5.00; per 100, $37.50.

Persia or Arabia. Color an extreme deep red of the mahogany tone, so dark as to be almost black, the flowers appear as if made of heavy velvet. Each 20c; doz. $2.00; per 100, $15.00.

Pfitzer's Triumph. A giant exhibition show flower, orange-salmon blotted red on lower petals. Each 50c; doz. $5.00; per 100, $37.50.

Pink Lily. A magnificent ruffled deep rose pink. Well placed on sturdy spikes. Each 15c; doz. $1.50; per 100, $10.00.

Primrose Princess. Large clear light yellow with inconspicuous brownish markings in throat. A fine exhibition novelty. Each 50c; doz. $5.00; per 100, $37.50.

Prince of India. Color varies from light to deep smoky gray, many of the petals being zoned, banded and freely penciled with dark slaty blue mottled with white. Each 40c; doz. $4.00; per 100, $30.00.

Prince of Wales. Salmon-rose of exquisite tone, with lilac centre, and carmine on lower petals. Each 10c; doz. $1.00; per 100, $7.50.

Purple Glory. Ruffled flowers of deep velvety purple. Each 20c; doz. $2.00; per 100, $15.00.

Pythia. A gigantic red with many blooms open at a time. Extremely showy and grand. Each 20c; doz. $2.00; per 100, $15.00.

Red Copper. Large flower, deep salmon rose, heavily flaked blue. Lower petals, red, white and yellow penciled with blue. Wonderfully odd and attractive. Each 20c; doz. $2.00; per 100, $15.00.

Red Fire. New red variety. Many well placed large blooms on fine spike. Each 30c; doz. $3.00; per 100, $20.00.

Rev. Ewbank. A beautiful light porcelain blue. Each 20c; doz. $2.00; per 100, $15.00.

Rhoderick Dhu. Shimmering rose pink with large dark red blotch, very showy. Each 75c; doz. $8.00; per 100, $60.00.

Richard Diener. Very live rose-salmon with creamy yellow centre. Each 15c; doz. $1.50; per 100, $10.00.

Rita Beck. Pure flesh pink with small red line. Each 75c; doz. $8.00; per 100, $60.00.

Rosalind. Deep, reddish pomegranate-purple with throat of upper petals blending to pale rose-pink. This variety similar in appearance to Purple Glory but of slightly lighter color and very velvety texture. Each 30c; doz. $3.00; per 100, $20.00.

Rose Ash. A rare pastel color. Flowers large, well set on a very large, tall spike. Color coronet red fading to ashes of roses. Each 15c; doz. $1.50; per 100, $10.00.

Saraband. Unusual color, rich velvet Bordeaux with yellow blotch. Each 30c; doz. $3.00; per 100, $20.00.

Scarano. Light bright orange-red, ruffled. Each 15c; doz. $1.50; per 100, $10.00.

Scarlet Princeps. Large scarlet flowers. Each 15c; doz. $1.50; per 100, $10.00.

Scarlet Wonder. Glowing scarlet-red, self-color. Each 20c; doz. $1.75; per 100, $12.00.

Schwaben. Canary-yellow shading to sulphur. Each 10c; doz. $1.00; per 100, $7.50.

Sidney Plummer. Beautiful soft yellow, suffused delicate pink. Rich amber lip, amaranth purple tongue. Each 20c; doz. $1.75; per 100, $12.00.

Sweet Lavender. A lovely combination of light lavender-pink blending into creamy yellow, with very prominent magenta-red blotch. Each 20c; doz. $2.00; per 100, $15.00.

Veilchenblau. True violet blue flowers of large size. The best of the darker so-called blues. Each 50c; doz. $5.00; per 100, $37.50.

Vanity Fair. New California variety. Very tall healthy growing variety of clear rose pink with deeper throat blotch. Opens many florets and suitable for exhibition. Each 35c; doz. $3.50; per 100, $25.00.

Vaughan's White. Large, well expanded pure white of great substance, many florets open on strong spike. Earlier and larger than Europa and a fine show flower. Each 35c; doz. $3.50; per 100, $25.00.

Violet Glory. Rich deep violet shade, ruffled. Each 25c; doz. $2.50; per 100, $18.00.

Waban. Clear glowing orange with dark blotch. Each 30c; doz. $3.00; per 100, $20.00.

Wilbrink. A delicate creamy pink. Each 10c; doz. $1.00; per 100, $7.50.

Winifred. Long spikes of rich apricot and yellow. Each 50c; doz. $5.00; per 100, $37.50.
GLADIOLUS
PRIMULINUS

The following list of Gladiolus Primulinus is strongly recommended by us as being of superior merit. The colors are clear and pure. The plants are erect in habit and have many large flowers open at one time. They also have the exceptional value of being good keepers after being cut. The colors of Gladiolus Primulinus tend to yellows, oranges, and tints of pink, rose, etc. They are without a doubt the finest vase flowers.

Ada De Poy. Long spikes of well placed flowers of clear apricot with bronze shadings. Each 30c; doz. $2.00; per 100, $15.00.

Alice Tiplady. Orange saffron. Each 10c; doz. 75c; per 100, $5.50.

Apricot Glow. Beautiful warm apricot shade; large flower and wide open. Each 40c; doz. $4.00; per 100, $30.00.

Dorothy Wheeler. Beautiful rose-pink with a lighter throat, slightly ruffled. Each 15c; doz. $1.50; per 100, $10.00.

Eden. Flesh pink with very faint red markings through center of each petal. Each 15c; doz. $1.50; per 100, $10.00.

Ethelyn. Beautiful shade of orange-yellow, petals tipped with bronze. Each 15c; doz. $1.50; per 100, $10.00.

Golden Frills. Deep rich daffodil yellow with pink lines on lower petals; intensely ruffled. Each 30c; doz. $2.00; per 100, $15.00.

Maiden’s Blush. Exquisite blush pink. Free and early flowering. Each 10c; doz. 75c; per 100, $5.50.

Ming Toy. Tall, large, beautiful buff, yellow center. Each 10c; doz. $1.00; per 100, $7.50.

Orange Queen. Very rich copper orange, self-colored. Each 20c; doz. $1.75; per 100, $12.00.

Picotee. One of the most interesting novelties in the Gladiolus family. Red florets with a very distinct border of yellow. Petals of each floret very long and narrow. Each 35c; doz. $3.50; per 100, $25.00.

Rose Mist. Old rose edged with palest neutral gray. Large flowers. Each 35c; doz. $3.50; per 100, $25.00.

Salmon Beauty. A very large and showy flower. The color is deep orange-salmon, with a rich salmon-yellow throat. Each 10c; doz. $1.00; per 100, $7.50.

Scarlet Bedder. A clear scarlet-red self, blooms are wide open and of magnificent color. Each 35c; doz. $3.50; per 100, $25.00.

BRECK’S MIXTURES

BRECK’S TOP-NOTCH MIXTURE
A very choice mixture selected from the best of the newer large-flowered varieties, particular care being taken to include only colors which harmonize well together.

EXHIBITION MIXTURE
Made up by us from popular varieties.

GARDEN MIXTURE
A well-balanced mixture. For brilliant garden display or cutting.

BRECK’S MIXTURES OF SEPARATE COLORS

<table>
<thead>
<tr>
<th>Shades</th>
<th>Doz</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue and Lavender shades</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>Pink and Rose shades</td>
<td>.85</td>
<td>6.00</td>
</tr>
<tr>
<td>Scarlet and Red shades</td>
<td>.85</td>
<td>6.00</td>
</tr>
<tr>
<td>Striped and Variegated shades</td>
<td>.85</td>
<td>6.00</td>
</tr>
<tr>
<td>White and Light shades</td>
<td>.85</td>
<td>6.00</td>
</tr>
<tr>
<td>Yellow and Orange shades</td>
<td>1.50</td>
<td>10.00</td>
</tr>
</tbody>
</table>

BRECK’S POPULAR COLLECTION
This Collection, which has met with great favor in past seasons is not a mixture, but comprises two dozen blooming-size bulbs in four named varieties, our selection.

Sent postpaid to any address for $2.00.

BRECK’S HARLEQUIN BEAUTIES
This collection has been selected from the large flowered varieties. We have taken great pride in the selection of varieties going into this collection. From actual study when they are in bloom the varieties give a wide range of the best colors and largest flowers.

20 Bulbs. No Two Alike, Price $1.00.

PRIMULINUS HYBRIDS MIXTURE
Unnamed hybrid seedlings in a beautiful combination of colors. Per dozen 60c; per 100, $4.50.
CALADIUM
Delivery—February to April
Esculentum. (Elephant’s ear). Beautiful ornamental foliage plants. The leaves are of immense size, light green with darker veins; will grow in any good garden soil. Height 5 ft. Extra Large Bulbs. Each 25c; doz. $2.50. Mammoth Bulbs. Each 50c; doz. $5.00.
Fancy-leaved. Gorgeous summer foliage plants suited to growing in pots for table or conservatory decoration and also for bedding in shaded locations. The large broad leaves are streaked and blotched with a great variety of colors. Bulbs of extra Choice New and Rare varieties. Each 50c; set of 12 distinct sorts, $5.00.

AMARYLLIS
Breck’s Giant American Hybrids. A wonderful strain of new Giant flowered Amaryllis, of free-flowering habit. The large flowers are composed of broad well rounded overlapping petals and range in color from crimson to orange scarlet, light rose to white and embrace the richest self-colorings. Large Bulbs in mixture for delivery November to March. Each $1.00; doz. $10.00.
Hallii (Hardy Amaryllis). Beautiful lily-shaped flower, of a delicate lilac-pink shaded clear blue; very useful for the border or amongst shrubbery. Each $1.50; doz. $15.00.
Zephyranthes Alba. Pure white, very free-flowering. Doz. $1.00; per 100, $8.00.
Zephyranthes Rosea. Beautiful clear rose, large handsome flowers. Each 20c; doz. $2.00; per 100, $15.00.

ACIDANTHERA
Delivery—January to April
Bicolor. Valuable summer flowering bulbs, each stalk having from 4 to 8 beautiful creamy white, fragrant flowers, with a purple-maroon blotch at the base of the petals. Each 25c; doz. $2.50; per 100, $20.00.

AGAPANTHUS
Umbellatus (Blue Lily of the Nile). A splendid ornamental plant, bearing in August and September clusters of bright blue flowers on long stems, standing well above the foliage. Excellent when planted in pots or tubs for lawn or piazza decoration. Plants from five inch pots. Each $1.00.

TUBEROSE
Delivery—February to May
Each 15c; doz. $1.50; per 100, $10.00
Double Pearl Excelsior. Summer flowering bulbs producing tall spikes of fragrant double white flowers. Use rich loam and start in hot-bed or in house during March or April or in the open ground when all danger from frost is past.
Single Mexican Everblooming. A white single flowering form of Tuberoses which begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession.

TIGRIDIA—Tiger Flower
Delivery—March to May
Richly colored flowers, nearly related to the Iris. Mixed colors. Each 35c; doz. $3.50; per 100, $27.50.

OXALIS—Summer Flowering
Delivery—March and April
Another splendid class of summer flowering bulbs with brilliant colored flowers and dark foliage. Suitable for mass effect in the garden, rockeries, hanging baskets or vases. Doz. 50c; per 100, $3.50.

GLOXINIA
Delivery—January
A beautiful summer flowering plant producing large tubular flowers of gorgeous coloring. Bulbs potted in light sandy loam in January bloom in June or July. Strong flowering bulbs. Mixed colors. Each 50c; doz. $5.00; per 100, $40.00.

HYACINTHUS CANDICANS
Delivery—March to May
A hardy Summer-flowering Hyacinth with erect spikes of white bell-shaped flowers. 3 ft. Doz. $1.50; per 100, $10.00.

ISMENE CALATHINA
Delivery—January to April
The flowers are of large size, the form of an Amaryllis, pure snow white, and are also exceedingly fragrant. Large bulbs flower in a few weeks after planting. Each 50c; doz. $5.00.
MONTBRETIA

In the following list of Montbretias we have included many of the magnificent large flowed hybrid varieties which have attracted so much attention and won the highest awards the last year or two at the Royal Horticultural Society's Shows in London. They represent an enormous advance over the ordinary Montbretias in commerce. Montbretias make first class border plants and they are of the greatest value for cutting. They should be given the same culture as Gladiolus.

Aurea. Pure orange. Doz. 85c; per 100, $5.00.
Aurora. Pure orange yellow. Doz. $15.00; per 100, $100.00.
California. Large rounded petals of deep golden-yellow, free flowering. Doz. $1.25; per 100, $10.00.
Crocosmiaeflora. Scarlet and yellow. Doz. 65c; per 100, $5.00.
Etiole de Feu (Star of Fire). Bright vermillion, center yellow, outside blood-red. Doz. $1.25; per 100, $10.00.
Fire King. Large flowers of a glowing scarlet red, decidedly one of the most beautiful and a variety which compares favorably with any of the new sorts. Doz. $1.00; per 100, $8.00.
George Davison. A splendid Montbretia. The stems are from three to four feet high, very branching, and bear lovely pale orange-yellow flowers. Doz. $1.25; per 100, $10.00.
Golden West, produces tall branching spikes and large open flowers of a most beautiful golden yellow, without the least spot or shade. A strong grower which attracts the eye in every collection. Doz. $1.25; per 100, $10.00.
Gold Finch. Bright yellow with maroon blotches in center. Doz. $5.00; per 100, $35.00.
Hereward. Pure yellow, orange yellow outside, large flowering, late, grand habit. Doz. $1.25; per 100, $10.00.
His Majesty. Rich yellow in center shading to a brilliant scarlet. Doz. $7.00; per 100, $50.00.
James Coey. Vermillion-scarlet, with change luster, center yellow with crimson blotches. Doz. $5.00; per 100, $40.00.
Joan of Arc. Deep golden, with crimson markings in center. Doz. $8.00; per 100, $60.00.
King Edmund. Giant rich golden with brown markings in throat, large well open flower, tall and sturdy plant. Doz. $1.25; per 100, $10.00.
Lady Hamilton. Very floriferous yellow, the center is suffused with a ray of rosy apricot, strong grower, fine and distinct. Doz. $1.50; per 100, $12.00.
Lemon Queen. Creamy yellow pale center; deep lemon buds; a very attractive variety. Doz. $2.00; per 100, $15.00.
Lord Nelson. Deep orange scarlet, externally crimson, eye yellow, large flower, very beautiful; the stems are dark, much branched and 3½ feet high. Doz. $2.00; per 100, $15.00.
Marjori. Orange yellow, with crimson center. Doz. $4.00; per 100, $30.00.
Nimbus. Golden, edged with a crimson ring around the base. Doz. $4.00; per 100, $30.00.
Pocahontus. Coppery scarlet with golden luster, center orange with blood crimson blotches. Doz. $7.00; per 100, $50.00.
Princess. Brilliant ruby-scarlet, yellow center, small crimson blotches. Doz. $5.00; per 100, $40.00.
Princess Mary. A beautiful shapely flower; pale yellow petals with red tip; reverse side of petals bright crimson. Doz. $4.00; per 100, $30.00.
Prometheus. Deepest orange with crimson ring around the eye. Doz. $10.00; per 100, $75.00.
Queen Adelaide. Deep orange, shaded with red on outer side. Doz. $5.00; per 100, $40.00.
Queen Alexandra. Light golden orange with crimson bars. Doz. $5.00; per 100, $40.00.
Queen Charlotte. Free branching habit; flowers orange scarlet shading to primrose with ruby markings. Doz. $5.00; per 100, $40.00.
Queen of Spain. Deep golden orange. Doz. $5.00; per 100, $40.00.
Star of East. Pale orange yellow with lemon yellow eyes. Doz. $10.00; per 100, $80.00.
Westwick. Orange red with clear yellow eyes, with dark circle of maroon. Doz. $3.50; per 100, $25.00.
Special Mixture. Carefully blended mixture of colors. Doz. $1.25; per 100, $10.00.

BEGONIA

Begonias may be planted in groups of individual colors or mixed. The colors blend well and they bring to the shady corner of the garden a flash of color of unbelievable beauty. They bloom continuously from midsummer until frost. They are of the easiest culture and entirely free from pests. Highly recommended for planting in semi-shade.

SINGLE TUBEROUS ROOTED. A profusion of vari-colored flowers of great beauty, 4 inches or more across. Each 30c; doz. $3.00; per 100, $25.00. Scarlet, Crimson, Salmon, Orange, Yellow, Rose, White, Mixed.
SINGLE FRILLED TUBEROUS ROOTED. Single flowers beautifully frilled and fringed on the outer edges. Each 40c; doz. $4.00; per 100, $32.00. Salmon, Crimson, Scarlet, Orange, White, Rose, Yellow, Mixed.

DOUBLE TUBEROUS ROOTED. A double flowering form. Each 40c; doz. $4.00; per 100, $32.00. Salmon, Crimson, Scarlet, Orange, White, Rose, Yellow, Mixed.

FOR LATE PLANTING we can supply started plants in pots. These will be found of the greatest value to those who plant their gardens late in June at seashore and mountain resorts. See page 151.

FRAGRANT FLOWERING VINES

MADEIRA VINE

A fine climber with thick, waxy, green, heart-shaped leaves set quite close together making them desirable for medium shade. They grow from 10 to 15 feet high, producing during early Fall racemes of small white fragrant flowers on attractive small spikes, from tubers like potatoes which should be taken up and kept in the cellar over winter. Very easily grown. They will thrive in any location or soil. One of the best vines for planting thickly along the front edge of a porch or window. Each 10c; doz. $1.00; per 100, $7.50.

CHINESE CINNAMON VINE

The name "cinnamon" was given to these plants on account of the fragrance of the blossoms which is similar to that of cinnamon. The fragrance of the tiny white flowers makes up for the fact that they are rather inconspicuous. The Vines are clothed with pretty heart-shaped glossy leaves that turn to a golden yellow in the Autumn. The tubers are semi-hardy. They should be lifted and stored the same as Dahlias and they grow larger from year to year. Each 15c; doz. $1.50; per 100, $12.00.
Gems for Sunshine and for Shade

MONTBRETIAS FOR SUNSHINE

No finer subjects can be found for the open, sunny border. Their brilliantly colored flowers are arranged on graceful spikes, making them a gorgeous addition to the garden color scheme, and ideal for cutting. Star of the East and His Majesty are among the finest varieties in existence. For description and prices of all varieties see opposite page.

BEGONIAS FOR SHADE. These easily grown and always dependable flowers are the ideal thing for shady and semi-shady locations. Their brilliant colors are like shafts of sunlight in shaded corners.

FOR BULBS SEE OPPOSITE PAGE. STARTED PLANTS, PAGE 151
Hardy Japanese Lilies

BEAUTIFUL, fragrant flowers suitable for garden or pot culture. They should be planted in clumps of three to six bulbs in the hardy border between shrubs, against a background of foliage, at a corner of the house, or as specimen clumps.

The above varieties are selected for their easy culture and profusion of bloom, coming into flower in July and August and continuing through to October. Order early and plant early.

LILIUM AURATUM (Golden-banded Lily of Japan). Immense, fragrant flowers of pure white, each petal marked with a broad, golden yellow central band and thickly dotted with reddish brown spots. Bulbs, 60 cts. each; $6.00 per doz.; $50.00 per 100.

LILIUM SPECIOSUM ALBUM. A lovely, pure white form of L. speciosum. Bulbs, 75 cts. each; $7.50 per doz.; $60.00 per 100.

LILIUM SPECIOSUM MELPOMENE. A lovely Lily of rich rosy red color, with deep blood-red spots and narrowly edged white. Bulbs, 60 cts. each; $6.00 per doz.; $50.00 per 100.

SPECIAL OFFERS

| One each of above 3 Superb Hardy Lilies | $1.75 | Postpaid |
| Three each of above 3 Superb Hardy Lilies | $5.00 | Postpaid |
| Six each of above 3 Superb Hardy Lilies | $9.50 | Postpaid |
Lilies are among the most beautiful and ornamental of cultivated bulbous plants, their stately habit and variously-colored flowers (which are in many cases, highly perfumed) render them indispensable subjects for greenhouse decoration and for the hardy flower garden.

The commoner and more plentiful species may be effectively employed for grouping or naturalizing. Many of them are excellent for border plants when in flower, being extremely attractive in mixed arrangements, if properly placed in respect to height. Many of the strong-growing Lilies are well adapted to planting among shrubs, where the latter are not too thickly placed. By growing a selection of species in pots to flower at different times, a valuable addition to greenhouse decoration is secured over a long period in Autumn and Winter. In the hardy border Lilies should always be planted not less than three in a clump thus .

Delivery of imported Lily bulbs depend upon the season. Many varieties arrive after the ground is frozen in which case we hold them in cold storage for Spring delivery.

We will only ship Lily bulbs in the late Autumn when we receive specific instructions to do so. Bulbs, otherwise, will be carried through the Winter in cold storage and shipped early in the Spring.

**AURATUM.** (Golden Banded Lily of Japan). Immense fragrant flowers of pure white, each petal of which is marked with a broad, golden yellow, central band and thickly dotted with reddish brown spots. It grows to a height of from 3 to 5 feet and bears during July and August heads of from 5 to 20 blooms. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

**AURATUM PLATYPHYLLUM.** (Macranthum). An improved form of the well known Auratum with larger flowers showing a wider expanse of gold and less copiously spotted. The plant has a more robust habit; the stems are stouter, the leaves broader, and it attains a greater height, producing an immense head of gigantic blooms. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

**AURATUM PICTUM.** Another fine form of Auratum with beautiful large blooms like the former except that the band becomes bright red toward the tip of the petals and the entire flower is generously spotted with reddish brown. The habit is similar to that of Auratum. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

**BATEMANNIAE.** A beautiful lily growing to a height of about 3 feet and bearing, in late July or August, umbels of from 4 to 6 pale orange-red or apricot colored blooms. The color is better when grown in semi-shade. Bulbs. Each 50c; doz. $5.00; per 100, $40.00.

**BROWNI.** Immense, fragrant, trumpet shaped flowers, the interior of which is deep cream fading to pure white and delicately tinged yellow at the base; the anthers are reddish brown, and the exterior is deep chocolate brown. This lily grows to a height of about 3 feet and blooms in July. Bulbs. Each $1.00; doz. $10.00.

**CANADENSE.** One of our most common native lilies growing to a height of from 2 to 5 feet and bearing in late June and July, from 3 to 10 pendulous blooms varying in color from bright reddish orange to yellow, spotted dark brown and with reddish anthers. An excellent lily for planting among shrubs. Bulbs. Each 25c; doz. $2.50; per 100, $20.00.

**CANADENSE RUBRUM.** A variety of Canadense and similar in habit but bearing slightly larger flowers of bright orange-red, spotted dark brown and heavily tinged with a deeper red on the outside of the petals. Bulbs. Each 35c; doz. $3.50; per 100, $28.00.

**CANDIDUM.** (Madonna or Ascension Lily). Beautiful, delicately fragrant blooms of pure waxy white borne, during June and July, on strong plants 3 to 5 feet in height. They are of easy culture, growing in almost any soil and location and are excellent lilies for the hardy border; where, in combination with other tall growing flowers such as Blue Delphiniums, they give a striking and delightful effect. Dormant bulbs are only available from August on through the Autumn months and those we offer here for Spring de-
Lilium Regale

HENRYI. (The Yellow Speciosum). A splendid Lily, the flowers of which resemble closely the Speciosum varieties in form, growing to a height of from 4 to 8 feet and bearing, in August, from 5 to 20 flowers of bright orange yellow, slightly spotted brown, with a green band at the base of each segment. One of the best and most satisfactory of Hardy Lilies, growing in almost any location and having a strong rugged habit. The color is best when grown in semi-shade. Bulbs. Each 75c; doz. $7.50; per 100, $50.00.

KRAMERI. A lovely and deliciously fragrant Lily, usually of a pure rose-pink color but sometimes deepening to dark rose and sometimes fading to a pale blush. It grows from 2 to 4 feet high and throws in June from 3 to 5 large trumpet shaped flowers. Perfectly hardy, but of a delicate nature, rarely becoming established. An excellent variety for pot culture. Bulbs. Each 50c; doz. $5.00; per 100, $40.00.

PHILOPHILICUM. (Wild Red or Wood Lily). The most showy of our native varieties. It grows to a height of from 2 to 3 feet and bears from 1 to 5 bright orange-red flowers, tinged with yellow and spotted deep purple, during late June and July. It must have a light, well drained soil and prefers partial shade. Bulbs. Each 35c; doz. $3.50; per 100, $25.00.

REGALE. (Regal Lily). This Lily is undoubtedly one of the finest of hardy varieties. Growing to a height of from 3 to 6 feet, it bears in July from 1 to 12 immense, fragrant, trumpet-shaped flowers of pure white with a yellow flush at the base of the petals and reddish brown anthers. The outside of the flower is flushed with deep rosy red. Very hardy and easily grown. Bulbs. Each $1.25; doz. $15.00; per 100, $120.00.

RUBELLUM. A lovely Lily bearing on stems 1 to 2 feet high from 1 to 8 flowers varying in color, like Lilium Krameri, from the palest of pinks to a very deep rose, with yellow or orange anthers. It is perfectly hardy, more robust, and more easily established than the latter. It blooms in June or early July. Bulbs. Each 40c; doz. $4.00; per 100, $30.00.

SPECIOSUM ALBUM. A lovely pure white form of Lilium Speciosum. A strong hardy variety for out-doors and an excellent one for pot culture. Bulbs. Each 75c; doz. $7.50; per 100, $60.00.

SPECIOSUM RUBRUM OR ROSEUM. A lovely Lily, white suffused with rose-pink and dotted with crimson spots. It grows three or four feet high and bears in August from 3 to 10 delicately fragrant blooms. It is quite distinct from the other Lilies and is one of the hardiest and most popular. An excellent Lily for pot culture. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

SPECIOSUM MELPOMENE. Similar to Lilium Rubrum in habit but with flowers of rich rosy-red with blood-red spots and narrowly edged white. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

SPECIOSUM MAGNIFICUM. Similar to Lilium Melpomene but larger, of stronger habit of growth and slightly earlier in flowering. Bulbs. Each 60c; doz. $6.00; per 100, $50.00.

SUPERBUN. (American Turk's Cap Lily). A fine tall growing native Lily growing from 3 to 8 feet tall and bearing numerous blooms of bright orange shaded yellow and spotted brown. It blooms in late July or August and is an excellent variety for growing among shrubs or in the plant border. Bulbs. Each 40c; doz. $4.50; per 100, $35.00.

TENUIFOLIUM. (Coral Lily). The most brilliant of all Lilies. Numerous waxy blooms of brilliant scarlet borne, during June or early July, on plants about 18 inches high. A delicate and graceful species, good for rockeries or pot culture. Bulbs. Each 50c; doz. $5.00; per 100, $40.00.

TIGRINUM SPLENDENS. (Tiger Lily). The finest variety of this species; as many as 25 flowers, borne on plants sometimes 6 or 8 feet high. Beautiful salmon-red blooms profusely spotted, purplish black appearing in August. One of the hardiest and most easily established. Bulbs. Each 35c; doz. $3.50; per 100, $25.00.

TIGRINUM FLORE PLENO. A double flowered form of Tiger Lily. The only desirable double lily in cultivation. Bulbs. Each 35c; doz. $3.50; per 100, $25.00.

WASHINGTONIANUM. A fine, fragrant lily growing from 3 to 5 feet high and producing in July, from 2 to 12 flowers, white slightly tinged and dotted lilac inside and heavily suffused with purple outside, anthers yellow. Bulbs. Each $1.50; doz. $15.00.
Until a few years ago the Dahlia was looked upon as a flower grown entirely for the show table. The more recent introductions have brought forth a totally different class of plant with a habit of growth and a fusion of flowers that produce a marvelous display of color in the garden and if suitable varieties are used to harmonize with the color scheme they help greatly to maintain, in the Autumn, the brilliance of colors when so many other plants are fading. Large groups or beds may be introduced on grass plots. In the herbaceous border where there are narrow borders, single plants may be placed, or in the shrubbery borders between the shrubs they will be found invaluable to enliven the border. In the formal garden it is also quite possible to use the dahlia with telling effect.

**DECORATIVE**

Double Flowers, full to center in early season, flat rather than ball shaped, with broad, flat, somewhat loosely arranged floral rays with broad points or rounded tips, which are straight or decurved (turned down or back), not incurred if rolled at all.

- **Aida.** Deep maroon. One of the best of its color. Each $1.00.
- **Amy Peabody.** A novelty, scarlet with white tips. Each 75c.
- **Azalea.** Autumn shade, very productive and in great demand for decorative purposes. Each 50c.
- **Barbara Redfern.** The outside of the petals is dull gold, petals edged with gold. Beautiful and stately. Each $2.00.
- **Cashful Giant.** A most beautiful autumn shade; an exquisite apricot with buff and golden tints. Each 75c.
- **Bertha Story.** The flower is very large of a beautiful rose-pink. Occasionally white petals appear. Each 50c.
- **Bonnie Brae.** Cream, shaded blush pink. Each 50c.
- **Bradford.** Bright brilliant red. Each 50c.
- **Calvin Coolidge.** The color is rose-pink suffused salmon, petals edged with gold. Beautiful and stately. Each $2.00.
- **Canary Bird.** True to its name this flower is a delicate shade of canary yellow. Large blooms of good depth, on very sturdy stems. Each $1.00.
- ** Chemar's.** A very large flower, on a long stiff stem well above the foliage. Strong, sturdy plant which is covered with blossoms from early July until killed by frost. Color is ruby-fuchsia with a bright velvety sheen. A color you will admire. Each $1.00.
- **Chou.** A giant bloom of white heavily edged rose-pink. Each 75c.
- **Contrast.** Dark red, tipped white. Each 50c.
- **Darlene.** One of the earliest and most continuous bloomers. White tinted pink. Each 25c.
- **Delice.** Rose-pink, suffused with lavender pink. Each 50c.
- **Della V. Potter.** Lavender-pink, in the class with Mrs. I. De Ver Warner as to color and growth. Each 75c.
- **Elite Glory.** It is a monstrous flower of a brilliant rich red color, without any apparent purple shading. Each $1.50.
- **Elizabeth Slocombe.** Rich, purplish-garnet color. Each 35c.
- **E. T. Bedford.** A strong grower and free bloomer. Clear purple tinting lighter toward the tips. Each $1.50.
- **Gloriana.** Pure old gold, one of the best. Each 50c.
- **Glory of New Haven.** Clear lavender pink. Each 50c.
- **Golden West.** Clear canary yellow. Each 35c.
- **Governor A. Harry Moore.** A decorative of exceptional merit. The color is yellow with a slight shade of buff on outer petals. The bushes are covered with extra large flowers all season. Each $1.00.
- **Governor Trumbull.** A strong growing plant with large full flowers carried on long stems way above the foliage. Pink, faintly tinged mauve, stock limited. Each $1.50.
- **Isabelle Jean.** Color of a luscious peach, the cream and pink with the occasional dash of deeper color. Each $1.00.
- **Isabel Street.** Base of petal is bright yellow, shading to bright rose red, with white tips; reflex pale pink. Each 75c.
- **J. H. Slocombe.** Intense deep red, with a beautiful velvety sheen. The petals curled and twisted. Each 75c.
- **Jack Rose.** Brilliant crimson red. Each 25c.
- **Judge Alton B. Parker.** Large deep golden bronze. Each 75c.
- **Jean Roosevelt.** A large amber buff center shading through salmon-pink to a rose with a rose reverse. Each $1.00.
- **Jersey's Beauty.** The finest true pink decorative dahlia with tips of petals slightly touched with gold. Each $1.00.
- **Jersey's Mammoth.** The largest of Mr. Waite's introductions, a huge blossom; color a rich golden mahogany, a fine novelty. Each $1.00.
- **Judge Marean.** A riot of blending color, ever changing as the flower ages. A glowing salmon-pink, iridescent orange, yellow and pure gold, and the shades all blend. Each $1.00.
- **La Paloma.** Orange yellow flaked white. Each 50c.
- **Le Grand Manitou.** Large, lilac pencilled crimson. Each 35c.
- **Liberty Bond.** A blending of buff, bronze, and salmon shades. The flower is very large and attractive. Each 75c.
- **Margaret Woodrow Wilson.** Color, opalescent pink. Flowers held well out of dark green foliage. Each $1.00.

![Jersey's Beauty](image-url)
Marmion. In this new novelty we have one of the largest in the garden. The color is pure golden yellow, with bronze suffusion on reverse of petals and a deeper bronzey tone on the high center and outlining each petal. The stems are good and hold the immense blooms gracefully above the sturdy plant. Each $1.00.


Miss Bridgeton. A plant that grows tall and strong, bearing large flowers in great abundance on long straight stems. Color is a beautiful light pink. Each $1.00.

Mr. Crowley. A very rich, deep, velvety oxblood-red, the best of its color to date. Each 50c.

Mrs. Carl Salbach. Beautiful shade of lavender-pink. Each 50c.

Mrs. Charles H. Breck. A rich, creamy yellow passing to rose pink, streaked with all the intermediate shades. Each 50c.

Mrs. F. F. Shock. Color picnic yellow at base of petals, blending to almost pomegranate purple at the tips. Each 50c.

Mrs. J. Harrison Dick. Citron yellow at center, outer petals suffused and overlaid salmon pink, a lovely and effective combination. Each 50c.

Mrs. John T. Scheepers. A lovely large canary color, changing old rose pink on outer petals. Each $2.00.

Myra Valentine. Large golden bronze flowers on two to three-foot stems. Each $1.00.

Noir Alvarez. A very rich, deep, velvety oxblood-red, the best of its color to date. Each 50c.

Papillon. An improved George Walters, which it resembles, although decidedly different in coloring. Beautiful old rose illuminated with golden lights. Each $1.00.

Patrick O'Mara. Considered the best Autumn shade variety in existence. The color is a pleasing shade of orange-buff, slightly tinged with Neyron rose. Each 75c.

Paul Michael. Deep orange buff shaded to old rose on reverse of petals. Each 75c.

Polar Snow. Large pure white. Each $1.00.

Preferencia. Large yellow, curved and twisted petals, a wonderful cut flower variety. Each 35c.


Pride of Stratford. Orange shading to light orange yellow at the base of the petals, the reverse rose doree. Each $1.00.

Pride of the Garden. Pure gold in color with now and then a white petal. Each $1.00.


Queen Mary. Clear silvery cerise pink. Each 35c.


Rose Fallon. Giant old gold decorative, finest form and type. Each $1.00.

Sagamore. Amber gold, elusively shaded with a warm salmon rose and orange buff. Each $1.00.

Sarah Harley. Rose-pink, petals tipped with white. Each 75c.

Silvertip. Red with white tips. It is very attractive and in great demand by Dahlia lovers. Each $1.00.

Snowdrift. This giant white deserves its name. Each 50c.


Spottswood Beauty. This is one of the most beautiful colored dahlias. Color is a clear Chatenay pink, shading to lemon yellow at base of petals. Flowers are 7 to 8 inches in diameter, and of great depth and are borne on long cane-like stems high above the foliage. Plant is a very healthy grower and attains a height of 6 feet and over. One of the most refined and beautiful to date. Each $2.00.

Swift. Large lemon yellow decorative, height about four feet. One of the best for cut flowers and decorating. Each 50c.

The Millionaire. The shade cannot be surpassed in daintiness of colorings in the most delicate of lavender with a faint pink cast over-shading it. Each 50c.

Trentonian. A giant decorative of a shade that appeals and captivates at one glance; the color is that of an Indian's skin, a wonderful blending of old gold, amber and coppery bronze. The flower is highly recommended for garden or exhibition. Each $1.00.

Uncle Tom. This is the nearest to black of any Dahlia. It is deep garnet, with a rich velvety texture. Each $1.00.

Wm. H. Slocombe. The largest and best yellow. Each 75c.

Zeus. A rich glowing red with each petal tipped gold. Very large full flower. Each $1.00.

CACTUS AND HYBRID CACTUS

True, fluted type: Flowers fully double, floral rays (petals) long, narrow, incurved or twisted, with sharp, divided, or fluted points and with revolute (rolled back) margins, forming in the outer florets, a more or less perfect tube for more than half the length of the ray. Hybrid cactus or semi-cactus type flowers fully double; floral rays short as compared with previous type, broad, flat, recurved or twisted, not sharply pointed except when tips are divided (staghorn), margins only slightly revolute, and tubes of outer florets, if any less than half the length of the ray.

Attraction. Large, elegant flower of a clear lilac rose, borne on a long stiff stem. Each 50c.

Bianca. A vigorous grower; beautiful rose-lilac flowers on strong erect stems. Each 50c.

C. B. Gitchens. One of the best clear yellow cactus dahlias we grow. Produces well formed flowers of good substance and keeping qualities, on long slender but stiff stems. Valuable for exhibition and as a commercial Each $1.00.
Chocolato Soldier. Dark maroon, nearly black. A most unusual shade and greatly admired by many. Each 75c.

Claire Kulp. Rich cardinal red shaded garnet, yellow at the base and at tip of petals. Each 50c.


Edna Ferber. An exhibition hybrid cactus with an extremely fine stiff stem. Color a glistening coral shading to old gold at the base of petals. One of the first flowers to attract attention both in the field and on the exhibition table. Petals curled and twisted, making a very full flower. Medium to tall habit of growth, foliage dark green and thick. Each $2.00.


F. W. Fellows. In color it is an intense coral-red with deeper suffusion at the center. Each 75c.


Gladys Bates. The color is tan with the reverse of the petals rose colored. Each 75c.


Lady Helen. A large hybrid cactus beautiful cerise with markings of cream. Each $1.00.


Margaret E. Millis. A very conspicuous and attractive flower of an orchid-pink shade, petals inclined to twist. Each 75c.

Mary Dorr. Deep amaranth pink, with white tips and center. The flowers are large, with long narrow, pointed, incurved petals. Each 75c.


Mrs. Estelle Lawton Lindsey. A brilliant scarlet with blends of yellow. Each 75c.

Mrs. Ethel F. T. Smith. Creamy white, shading to lemon white at the center. Blossoms held well above the foliage on long stems. Each 75c.

Mrs. Leo Niessen. Yellow at base, suffused and heavily tipped a rich bronzy red. Each 50c.

Noah. Quite distinct in form and color. A rich dusky maroon. Each $1.00.

Pierrot. Very large, narrow incurving petals of a deep amber color, usually showing white tips on long stems. Each 75c.

Queen of Hearts. A beautiful pure white with yellow at base of petals, making it a most lovely flower. Each 25c.

Roycroft. Large size, excellent form, petals rolled to tips. Color is cinnamon buff. Each $1.00.

Rube Girl. A remarkable bronzy or "autumn shade" variety that has forged its way to the front. Each 50c.

Tryphinnie. A most delightful combination of light and deep pink with golden yellow shadings at the base. Each 75c.

U. S. A. An early and continuous bloomer of a glowing deep orange shade. The flowers are of a splendid form, enormous size, and borne on substantial stems. Each $1.00.


Paeony Flowered

Pompon

Priscilla Agnew. The most beautiful of all White Peony Dahlias. The flowers are snow white, and most beautifully formed. Each 50c.

Rosalia Styles. The largest and best of its class. Beautiful form, a wonderful live lustrous color—bright tyrian pink tipped lighter; reflex pink. Each 75c.

Vivandiere. Flower of immense size and great depth. Color a lively cherry carmine paler toward the lips. Each 50c.

SHOW OR BALL-SHAPED DOUBLE

Double flowers, globular or ball-shaped, rather than broad or flat, full to center, showing regular spiral arrangement of florets; floral rays more or less quilled or markedly involute margins and rounded tips.

A. D. Livoni. The flowers are of a very beautiful shade of pink making it still one of the most desirable. A perfect ball. Each 50c.

Maude Adams. Pure white, very effectively tipped, a delicate clear pink. Each 50c.

Miss Helen Hollis. Color, deep scarlet. Blossoms are on long, stiff stems, well above the foliage. Each 50c.

Rose. The most beautiful shade of rose of any dahlia in existence. Flowers carried erect on extra long stems. Each 35c.


Storm King. A most reliable white dahlia. Each 25c.

Vivian. A great favorite. The color is white, effectively edged rose violet. Each 35c.

Pompon

Shape and color may be same as Showtype, but must be under two inches in diameter. Each 35c.

Aerial. Deep orange buff.

Amber Queen. Amber, shaded apricot.

Challenge. Red and white.

Little Beauty. Soft pink.

Little Jennie. Primrose-yellow.

Snowclad. Small free blooming white.

Sunbeam. Bright yellow.
BRECK’S DAHLIA COLLECTION

BRECK’S SPECIAL COLLECTION
This collection of six Dahlias sent as an introductory offer; $1.00 Postpaid.
Maude Adams  Mina Burgle
Minnie McCullough  Queen Mary
Miss Helen Hollis  Mrs. C. Salbach

BRECK’S CACTUS COLLECTION
This collection combines the best of the Cactus Dahlias; excellent for Tea Room decorations and centerpieces for bridge parties, etc.; $1.50 Postpaid.
Libelle  J. H. Jackson
Lawine  Mme. Henri Cayeux
Rube Girl  Claire Kulp

BRECK’S CUT FLOWER COLLECTION
This collection consists of six of the best varieties for cutting; $2.00 Postpaid.
A. D. Livoni  Mrs. C. H. Breck
Preferencia  Delice
Countess of Lonsdale  Contrast

BRECK’S POPULAR MIXTURE
We make this Mixture from various types, covering a full range of colors which make a gorgeous display of wonderful blooms in the early autumn. This Mixture we offer packed one dozen in a box, at the low price of $1.50 per box, Postpaid.

BRECK’S HOME GARDEN COLLECTION
This collection of eight Large Flowered Varieties; $3.50 Postpaid.
Rosalia Styles  Polar Snow
Kalif  Radio
Mrs. J. Harrison Dick  Bonnie Brae
Gloriana  La Paloma

BRECK’S BLUE RIBBON COLLECTION
The greatest offer of all time, ten of the world’s most popular Dahlias; $5.00 Postpaid.
Aida  Bianca
Bashful Giant  Wm. H. Slocombe
Private Streeter  Mrs. F. F. Shock
Mrs. I. De Ver Warner  Mrs. Ethel F. T. Smith
Sagamore  Mrs. John T. Scheepers

BRECK’S POMPON COLLECTION
The Pompon Dahlias which were so popular a few years ago, are now coming back as favorites for bouquets and table decorations. This collection, six of the most attractive varieties; $2.00 Postpaid.
Little Jenny  Challenge  Snowclad
Amber Queen  Little Beauty  Sunbeam

CANNAS

Strong 2 to 3 eye dormant roots  DELIVERY January to April
Dozen $1.50; per 100, $10.00

City of Portland.  Deep rose pink, extra good flower, does not fade, green foliage, 3½ feet.
Gladiator.  Rich deep yellow, thickly dotted with red, a showy variety, green foliage, 4½ feet.
Gold Bird.  Intense golden yellow, large trusses of flowers well above the foliage, green foliage, 4 feet.
Hollywood.  Vigorous growing variety of orange pink shading to salmon, a most pleasing combination, green foliage, 4 feet.
Karl Mercer.  Tall luxurious variety of pure yellow, slightly tinged orange, large brilliant flowers, green foliage, 4 feet.
King Humbert.  The true Orchid-flowered variety and the most popular Canna of all, free blooming, large flowers of orange scarlet, bronze foliage, 5 feet.
Maros.  Strong growing foliage, large flowers of creamy white, green foliage, 3½ feet.

Mrs. Pierre S. Du Pont.  A wonderful Canna. The best of all pink varieties, color vivid watermelon pink, extra large trusses and flowers. One plant makes several trusses of flowers during a season, green foliage, 4 feet.
Nokomis.  Brilliant contrasting variety of crimson carmine flowers and bronze foliage, 4 feet.
The President.  The finest and most popular red Canna, enormous glowing scarlet flowers on long trusses well above the green foliage, 4 feet.
Victory.  A splendid color, contrast of apricot buff and salmon green foliage, 3 feet.
Wintzer’s Colossal.  A tall growing variety with large orchid-flowered heads of vivid scarlet, the individual flowers often measure 7 inches, green foliage, 5 feet.

For Pot Plants of Cannas See Page 151
HARDY EVERGREENS

Nothing approaches in richness a properly arranged mass-planting of Hardy Evergreens. Many striking combinations of color, height, and varied foliage are possible; best of all, they are as effective in Winter as in Summer. We furnish many other varieties that are worthy of use in this locality; but the following we recommend as most reliable for general planting.

ABBREVIATIONS:
Referring to size: L large, M medium, S small, D dwarf, VD very dwarf; referring to growth: r rapid, m medium, s slow, v vigorous.

ABIES—FIR

A. balsamea (Balsam Fir). Lr. Of rapid, slender pyramidal growth, with very dark foliage. Grows in cold, wet ground as well as in better soil. Price each: 2¼ to 3 ft. $5.00; 3 to 4 ft. $6.00; 6 to 7 ft. $10.00.

A. brachyphylla. (Nikko Fir). L. This evergreen is very hardy, and grows into a symmetrical tree. It is a strong grower and will thrive in almost all kinds of soil. Price each: 18 to 24 in. $3.00; 2 to 3 ft. $4.50.

A. concolor (Silver Fir). Lm. One of the hardiest of evergreens, of rapid growth. The foliage varies exceedingly in color from a glaucous blue to a very light green. It is graceful and feathery, and as it grows older retains its lower limbs. Price each: 2 to 3 ft. $7.50; 3 to 4 ft. $10.00; 4 to 5 ft. $12.00; 5 to 6 ft. $15.00.

A. Firma (Abies Mome). L. Strong growing evergreen; leaves thick and rigid. Price each: 2 to 3 ft. $5.00; 5 to 6 ft. $10.00; 6 to 7 ft. $15.00.

A. Fraseri (Double Balsam). Lr. A splendid native tree, like the Balsam Fir, but with darker, richer foliage; of better growth, and of far more distinct and elegant appearance. Very hardy in New England. Price each: 2 to 3 ft. $6.00; 3 to 4 ft. $7.00.

CHAMAECYPARIS

CYPRESS and RETINOSPORA

The Chamaecyparis, as a class are very valuable for foundation planting, and as specimens; they will stand shearing and when given plenty of room will form beautiful trees, with their distinct coloring of dark green and golden foliage. They are practically free from any disease, and are perfectly hardy.

C. obtusa gracilis. D. A beautiful evergreen, perfectly hardy, holding its color all through the winter months. Foliage is intensely dark and shell-like, forming flat heads at the end of the slightly drooping branches. Price each: 18 to 24 in. $4.00; 2 to 3 ft. $6.00.

C. obtusa gracilis compacta. D. A compact growing variety of the above. Price each: 2 to 3 ft. $5.00; 3 to 4 ft. $6.00.

C. pisifera (Sawara Retinospora). Lm. A fine pyramidal form, distinct and graceful. Feathery light green foliage; somewhat pendulous. Price each: 18 to 24 in. $3.00; 2¼ to 3 ft. $4.00; 3 to 3½ ft. $5.00; 4 to 5 ft. $8.00; 5 to 6 ft. $10.00.

C. p. aurea (Golden Sawara Retinospora). Lm. A bright golden form of the preceding variety. Price each: 18 to 24 in. $3.50; 2¼ to 3 ft. $4.00; 3 to 4 ft. $6.00; 4 to 5 ft. $8.00; 5 to 6 ft. $10.00.

C. p. filifera (Thread Retinospora). Lr. The main stem of this variety is erect, side shoots have a plume-like appearance. The branches are slender, pointed and somewhat spreading. Graceful, conical habit, with glaucous foliage. Price each: 15 to 18 in. $2.00; 18 to 24 in. $3.00; 24 to 30 in. $4.00; 2½ to 3 ft. $5.00; 3 to 4 ft. $6.00; 4 to 5 ft. $9.00; 5 to 6 ft. $10.00.

C. p. filifera aurea (Golden Thread Retinospora). Ss. A beautiful golden form of the above. Very compact. Price each: 15 in. $2.00; 18 in. spread, $3.00; 24 in. spread, $4.00.

C. p. plumosa (Plume Retinospora). Lr. The main stem of this variety is erect, side shoots have a plume-like appearance. The branches are slender, pointed and somewhat spreading. Graceful, conical habit, with glaucous foliage. Price each: 15 to 18 in. $2.00; 18 to 24 in. $3.00; 24 to 30 in. $4.00; 2½ to 3 ft. $5.00; 3 to 4 ft. $6.00; 4 to 5 ft. $9.00; 5 to 6 ft. $10.00.

C. p. plumosa aurea (Golden Plumed Retinospora). Lm. A striking, fine form of the above and very hardy. Brilliantly golden throughout the season. One of the most desirable. Price each: 15 to 18 in. $2.00; 18 to 24 in. $2.75; 24 to 30 in. $3.50; 2½ to 3 ft. $4.50; 3 to 3½ ft. $5.50; 3½ to 4 ft. $6.50; 4 to 5 ft. $8.00; 5 to 6 ft. $10.00.

C. P. Plumosa lutescens. (Dwarf Retinospora). D. A compact variety, with light golden yellow foliage. Makes a striking contrast when used in foundation planting. Price each: 15 to 18 in. $3.50; 18 to 24 in. $4.50.

C. p. squarrosa (Moss Retinospora). Mm. An exquisite Japanese form, with steel-colored foliage, which is very fine and feathery. Price each: 18 to 24 in. $4.00; 2 to 2½ ft. $5.00; 2½ to 3 ft. $6.00; 3 to 4 ft. $7.50.

WATER THE EVERGREENS

More Evergreens are lost through lack of moisture than any other cause. During the dry season make a "basin" around the tree and fill it several times with water. As a mulch for Evergreens use Imported Peat moss.
BRECK'S
HARDY EVERGREENS

Juniperus Chin. var. Pfitzeriana

Juniperus Chinensis (Chinese Juniper). Ds. One of the most desirable of the genus: prune closely, when its silvery young growth becomes luxuriant. Price each: 2 to 2½ ft. $5.00; 2½ to 3 ft. $6.00; 3 to 4 ft. $7.00; 4 to 5 ft. $8.50; 5 to 6 ft. $9.50.

J. Chin. var. albo-variegata (Silver-tipped Juniper). Ds. Bluish green foliage, very dense, interspersed with silvery white. One of the best of Junipers in growth and appearance. A charming dwarf plant. Price each: 18 to 24 in. $4.00; 2 to 3 ft. $5.50.

J. Chin. var. Pfitzeriana. Dm. A beautiful evergreen of graceful habit, resembling in form the well-known J. Japonica aurea, though in color the foliage is of a pleasing glaucous green. Price each: 12 to 15 in. $2.50, $22.50 for ten; 15 to 18 in. $3.00, $33.00 for ten; 18 to 24 in. $3.50, $33.00 for ten; 24 to 30 in. $5.00; 30 to 36 in. $6.50; 3 to 4 ft. $10.00; 4 to 5 ft. $15.00.

J. Chin. var. Sargentii (Sargent's Juniper). VDs. Beautiful prostrate form of J. Chinensis. Price each: 15 to 18 in. $5.00; 18 to 24 in. $6.00.

J. communis var. depressa (Common Juniper). Ds. Usually a shrub with spreading, sometimes prostrate branches which curve upwards near the ends; widely distributed throughout the colder regions and mountains of the Northern Hemisphere. Foliage, grayish green, very dense. A beautiful shrub and valuable in rockeries or as a ground cover. Price each: 12 to 15 in. $2.00; 15 to 18 in. $2.50; 18 to 24 in. $3.50; 2 to 2½ ft. $4.00; 2½ to 3 ft. $5.50.

J. Com. var. aurea (Douglas' Golden). VDs. Forms a mat-like spreading growth of brilliant golden color. Valuable for edging and grouping. Price each 15 to 18 in. $3.00; 18 to 24 in. $4.00.

J. com. var. Hibernica (Irish Juniper). Mm. Of dense pillar-like growth. Glaucous green foliage. Price: 18 to 24 in. $2.00 each, $18.00 for ten; 2 to 2½ ft. $3.00 each, $27.00 for ten; 2½ to 3 ft. $4.00 each, $36.00 for ten; 3 to 4 ft. $6.00 each, $55.00 for ten; 4 to 5 ft. $7.00 each, $63.00 for ten; 5 to 6 ft. $9.00.

J. Comm. depressa plumosa. D. A handsome evergreen for the rockery. Foliage is silver green during spring and summer, changing to a purple, sometimes nearly a copper color after the early frosts in the autumn. Price each: 15 to 18 in. $3.00; 18 to 24 in. $4.00.

J. var. Suesica (Swedish Juniper). Mm. Grows much as the Irish does, but is of more bushy form. Price each: 15 to 18 in. $2.00; 18 to 24 in. $3.00; 2 to 3 ft. $4.50; 3 to 3½ ft. $5.50; 3½ to 4 ft. $6.00.

J. excelsa var. stricta. Ds. Of compact, conical habit, with steel-blue, pointed leaves which stand erect. One of the best Junipers where a formal effect is desired. Price each: 10 to 12 in. $2.00; 12 to 15 in. $2.50; 15 to 18 in. $3.00.

J. horizontalis Douglassi (Waukegan Juniper). VDs. Prostrate form. Foliage bluish gray in summer turning to beautiful purple in winter. Price each: 12 to 15 in. $2.50; 15 to 18 in. $3.00; 18 to 24 in. $4.00.

J. Sabina (Savin Juniper). VDs. Prostrate, spreading branches, with sombre green foliage. Hardy and well adapted to hillsides, etc. Price each: 12 to 15 in. $2.50; 15 to 18 in. $3.00; 18 to 24 in. $4.00; 2 to 2½ ft. $5.50; 2½ to 3 ft. $6.50.

J. Sab. var. tamariscifolia (Tamarisk-leaved Savin). VDs. An elegant form, with broad, feathery branches and thick, glaucous, and deep green foliage. Makes a fine, broad specimen. Price each: 12 to 15 in. $3.00; 15 to 18 in. $4.00; 18 to 24 in. $5.00.
BRECKS

HARDY EVERGREENS

PICEA—SPRUCE

P. Canadensis (White Spruce). Lm. A tree native to America. Makes a large tree when allowed to develop but may be confined by shearing. Light, silvery green foliage and dense, pyramidal growth. Hardy in all locations. Price: 12 to 15 in. $1.00 each, $9.00 for ten; 15 to 18 in. $1.50 each, $10.00 for ten; 18 to 24 in. $2.00 each, $16.00 for ten; 2 to 3 ft. $3.75 each, $36.00 for ten; 3 to 4 ft. $5.50; 4 to 5 ft. $8.00; 5 to 6 ft. $10.00 each.

P. excelsa (Norway Spruce). Lr. The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree and, as an individual tree with room to develop is of pyramidal symmetrical growth, its lower branches sweeping the ground. Price: 15 to 18 in. $1.50 each; 18 to 24 in. $2.00 each, $18.00 for ten; 2 to 3 ft. $2.00 each, $18.00 for ten; 3 to 4 ft. $4.00 each, $36.00 for ten; 4 to 5 ft. $6.00, $55.00 for ten.

P. ex. var. inversa (Inverted Spruce). Mm. A Norway Spruce of persistently drooping habit, forming a columnar tree of striking appearance. Price each; 3 to 4 ft. $7.00; 4 to 5 ft. $8.00; 5 to 6 ft. $9.00.

P. ex. var. Maxwelli (Maxwell's Spruce). VDs. A low, dense, slow-growing form with short, stiff needles, the young branchlets showing a bluish cast. Each: 2 to 2½ ft. spread, $20.00.

P. orientalis (Oriental Spruce). Short, dark green foliage, forming a wide pyramid shaped evergreen with branches down to the ground. A graceful Spruce, splendid for lawns. Price each: 3 to 4 ft. $9.00; 4 to 5 ft. $12.00; 5 to 6 ft. $18.00.

P. pungens (Colorado Spruce). Lr. Stiff, pungent foliage and clusters of cones. No evergreen tree can excel it, as it has the advantage of growing vigorously where many evergreens fail; withstands the coldest seasons. Price each: 18 to 24 in. $4.00; 2 to 2½ ft. $5.00; 2½ to 3 ft. $6.00; 3 to 4 ft. $8.00; 4 to 5 ft. $10.00; 5 to 6 ft. $12.00; 6 to 7 ft. $15.00.

P. p. var. glauca (Colorado Blue Spruce). Plabit of growth similar to that of preceding. Foliage of rich blue or sage-color. Extremely hardy. Price each: 18 to 24 in. $6.50; 2 to 2½ ft. $8.00; 2½ to 3 ft. $10.00; 3 to 4 ft. $15.00; 5 to 6 ft. $20.00; 6 to 7 ft. $22.00.

P. p. var. Kosteriana (Koster's Blue Spruce). This variety is identical with the type. Foliage silvery blue. The bluest strain that can be selected. Grafted from the famous Koster variety. Price each: 18 to 24 in. $15.00; 3 to 4 ft. $25.00; 5 to 6 ft. $30.00; 10 to 20 ft. specimens $45.00 to $75.00.

PINUS—PINE


P. montana (Swiss Mountain Pine). Ds. Usually low, often prostrate, handsome dark foliage. Very ornamental when singly planted. Price each: 18 to 24 in. $3.50; 24 to 30 in. $4.50.

P. m. mughus (Dwarf Mugho Pine). Ds. Of the highest value where a low, dense, spreading growth is desired. 8 to 10 in. $1.50, $14.00 for ten; 10 to 12 in. $2.00, $18.00 for ten; 12 to 15 in. $2.50, $22.50 for ten; 15 to 18 in. $3.00, $27.00 for ten; 18 to 24 in. $4.00, $36.00 for ten; 24 to 30 in. $6.50, $60.00 for ten; 30 to 36 in. $9.00.

P. nigra (Austrian Pine). Lr. A robust-growing variety, with long, dark green stiff needles. Does well on all soils, and is one of the best evergreens for seashore planting. Price each: 2 to 3 ft. $5.00, $45.00 for ten; 3 to 4 ft. $7.00, $63.00 for ten.

P. resinosa (Red or Norway Pine). Lr. One of our best native evergreens; hardy and ornamental. Bark of young branches reddish-orange; long needles, dark green, glossy. Price each: 2 to 3 ft. $3.50; 3 to 4 ft. $5.50; 5 to 6 ft. $9.00.

P. strobus (White Pine). Lr. The most valuable of all native evergreen for timber purposes. A very fine individual tree; light, silvery foliage; is always highly ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub, also most valuable as a windbreak. Price each: 2 to 3 ft. $3.00; 3 to 4 ft. $5.00; 4 to 5 ft. $8.00.

P. sylvestris (Scotch Pine). Lr. Foliage much more silvery than the Austrian. It is more desirable for mass and shelter planting than as an isolated specimen. Price each: 2 to 3 ft. $4.50; 3 to 4 ft. $6.50; 4 to 5 ft. $8.50.

PSEUDOTSUGA

P. Douglasi (Douglas Spruce). Lr. A fine, long-lived tree from the Rocky Mountains, where it grows in great quantity. The foliage is soft and brilliant green in color, with bluish tint when young. It is of the most vigorous and symmetrical growth. Price each: 18 to 24 in. $3.00; 2 to 3 ft. $4.50; 3 to 4 ft. $6.50; 4 to 5 ft. $8.50.

RETINOSPORA—CYPRESS

(See Chamaecyparis)

Pine leaf scale: Color is white, yellowish at the end. Spray with Black leaf 40, in May or early June on bright, sunny day.

Spruce gall aphid: Cone shaped galls on the base of the small branches. Take off these galls when still green and spray with scale-cide in early spring.

Pseudotsuga Douglasi
BRECK'S

HARDY EVERGREENS

TAXUS—YEW

The Yews are unquestionably the finest class of Evergreens. They are perfectly hardy and will do well planted in practically any location. No planting is complete without them.

**T. Canadensis** (American Yew). **Dv.** A low, broad, spreading bush, dark green foliage and crimson berries. Entirely hardy, and very valuable for surfacing beds or forming groups. **Price each:** 12 to 15 in. spread $2.50; 15 to 18 in. spread $3.00; 18 to 24 in. spread $3.50.

**T. cuspidata** (Spreading Japanese Yew). **Sm.** Spreading growth with dense, dark foliage. Especially hardy and rich in appearance. **Price each:** 12 to 15 in. $3.00; 15 to 18 in. $4.00; 18 to 24 in. $5.00; 24 to 30 in. $7.50.

**T. repandens** (Spreading English Yew). **Ds.** Beautiful dwarf form with dark green foliage. **Price each:** 12 in. $4.00; 15 in. $5.00; 18 in. $6.00.

THUJA—ARBORVITÆ

**T. occidentalis** (American Arborvitæ). **Mr.** Of conical form and rapid growth. Used largely for hedges. **Price:** 18 to 24 in. $1.50, $12.50 for ten; 2 to 3 ft. $2.50, $22.50 for ten; 3 to 4 ft. $4.00, $36.00 for ten; 4 to 5 ft. $6.00, $55.00 for ten; 5 to 6 ft. $7.50, $70.00 for ten; 6 to 7 ft. $10.00, $95.00 for ten; 7 to 8 ft. $12.00.

**T. var. Globosa** (Globe Arborvitæ). **VDs.** Growing in low, thick globe form with attractive foliage. **Price 10 to 12 in. $1.50 each; $14.00 for ten; 12 to 15 in. $2.00 each; $18.00 for ten; 15 to 18 in. $2.50 each, $22.50 for ten; 18 to 24 in. $3.00 each, $27.50 for ten; 2 to 2½ ft. $4.00, $35.00 for ten.

**T. var. Hoveyi** (Hovey's Arborvitæ). **Ds.** A slow-growing form, with golden green foliage. **Price:** 12 to 15 in. $1.75, $15.00 for ten; 15 to 18 in. $2.00, $17.50 for ten; 18 to 24 in. $2.50, $22.50 for ten; 2 to 2½ ft. $3.00, $27.50 for ten.

**T. var. Lutea** (George Peabody Arborvitæ). **Mr.** A dwarf, dense-growing golden variety, holding its color all Summer. One of the best for general culture. **Price each:** 18 to 24 in. $3.50; 2 to 3 ft. $4.50; 3 to 3½ ft. $5.50; 3½ to 4 ft. $6.50.

**T. var. Elegantissima**. **Mr.** (Golden-tipped Arborvitæ). The tips of the young growth are a beautiful golden yellow during the Summer and Autumn. **Price each:** 18 to 24 in. $2.50; 2 to 2½ ft. $3.50; 2½ to 3 ft. $4.00; 3 to 4 ft. $5.50.

**T. var. ellwangeriana**. **Ds.** A dwarf growing form with dense foliage, very graceful and compact. **Price each:** 18 to 24 in. $2.50, $22.50 for ten; 2 to 2½ ft. $3.50, $30.00 for ten; 2½ to 3 ft. $4.00; 3 to 4 ft. $5.50.

Thuja var Hoveyi
Thuja pyramidalis

T. var. pyramidalis (Pyramidal Arborvitae). **Mr.** Its form is very much like the Irish Juniper. The foliage is light green and compact. **Price:** 15 to 18 in. $1.50 each, $12.50 for ten; 18 to 24 in. $2.50 each, $22.50 for ten; 2 to 3 ft. $3.50, $33.00 for ten; 2½ to 3 ft. $4.50, $42.00 for ten; 3 to 3½ ft. $6.00, $55.00 for ten; 3½ to 4 ft. $8.00, $75.00 for ten; 4 to 5 ft. $10.00, $95.00 for ten; 5 to 6 ft. $15.00, 6 to 7 ft. $20.00.

T. pyramidalis Douglasi (Douglas Pyramidal Arborvitae). Its foliage is feathery, somewhat crested and of a good dark green color. In habit the tree resembles the well-known Pyramidal Arborvitae. It will grow about 12 to 15 feet in height. **Price:** each: 18 to 24 in. $2.50, $22.50 for ten; 2 to 3 ft. $4.00, $36.00 for ten; 2½ to 3 ft. $5.00, $45.00 for ten.

T. var. Vervaeaneana. S.M. (Vervaeane Arborvitae). A choice form, more compact than the American Arborvitae with lighter green foliage and retains color through the winter. Splendid for hedges. **Price each:** 18 to 24 in. $2.50 each, $22.50 for ten; 2 to 3 ft. $4.00.

T. var. Wareana (Siberian Arborvitae). **Mr.** We especially recommend this variety. Its low-growing, dense form and its beautiful bluish-green foliage give it distinct character. It is one of the hardiest and does not die out in hedges like the American. **Price each:** 15 to 18 in. $2.50, $22.50 for ten; 18 to 24 in. $3.00, $27.50 for ten; 2 to 2½ ft. $4.00, $36.00 for ten; 2½ to 3 ft. $5.00, $45.00 for ten.

Tsuga—Hemlock

T. Canadensis (Common Hemlock). **Mr.** A graceful tree, with loose open growth, and Yew-like foliage. It can be kept in dense form if sheared. Much used for hedges and shelters. **Price:** 18 to 24 in. $2.50, $22.50 for ten; 2 to 2½ ft. $3.50, $33.00 for ten; 2½ to 3 ft. $4.50, $42.00 for ten; 3 to 3½ ft. $6.00, $55.00 for ten; 3½ to 4 ft. $8.00, $75.00 for ten; 4 to 5 ft. $10.00, $95.00 for ten; 5 to 6 ft. $15.00, 6 to 7 ft. $20.00.

T. Caroliniana (Carolina Hemlock). **Mr.** Dark, dense tufted foliage on pendulous branches. It is even harder than the Canada hemlock. One of the handsomest of all evergreens. **Price:** 2 to 2½ ft. $4.50 each; 2½ to 3 ft. $5.50 each; 3 to 4 ft. $5.00 each; 4 to 5 ft. $10.00 each.
EVERGREEN SHRUBS

CALLUNA—HEATHER

C. Vulgaris (Scotch Heather). A low-growing evergreen with pale pink flowers. **Price:** 4 to 6 in. 60c each, $5.00 for ten; 6 to 8 in. 75c each, $6.00 for ten.

C. vulgaris alba. White flowering variety. **Price:** 4 to 6 in. 60c each, $5.00 for ten; 6 to 8 in. 75c each, $6.00 for ten.

DAPHNE—GARLAND FLOWER

D. Cneorum. An evergreen, hardy plant, with closely set, glossy, narrow leaves. It begins to bloom in May, and its round clusters of bright pink, highly fragrant blossoms, much resembling the beautiful Mayflower of our woods, are borne in great profusion. **Price:** 6 to 8 in. $1.00 each, $9.00 for ten; 8 to 10 in. $1.50 each, $14.50 for ten.

EUONYMUS

E. colorata. A new introduction by the Arnold Arboretum. Foliage turns bright red in the Autumn and retains this color during the entire Winter. **Price:** 2 year plants 75c each, $7.00 for ten; 4 year plants $1.00 each, $9.00 for ten.

E. radicans (Winter Creeper). A glossy, dark leaved vine; or it will form a spreading shrub where it cannot climb. Valuable for covering walls to which it clings. **Price:** 2 year plants, 60c each, $5.00 for ten, $40.00 for 100; 3 year plants, 75c each, $6.00 for ten, $50.00 for 100.

E. var. minimus (Baby Winter Creeper). Small dark-leaved form suitable for rock-garden or ground cover. **Price** in 3 inch pots: 75c each, $6.50 for ten.

E. var. vegeta (Bigleaf Winter Creeper). A variety that is much sought after by all who have seen it. In habit, it is more spreading than the type and of more rapid growth. Leaves broad, nearly round, and of a rich glossy green. **Price:** 2 year plants, 75c each, $6.00 for ten, $48.00 for 100; 3 year plants, $1.00 each, $8.00 for ten, $70.00 for 100; 4 year plants, $1.50 each, $13.50 for ten.

KALMIA—LAUREL

K. latifolia (Mountain Laurel). June. A native evergreen shrub hardy in New England. It prefers deep, leaf-mould soil, but grows wherever it will not dry out in Summer. The beautiful pink and white flowers are of unique shape and aspect, borne in large clusters over broad, glossy foliage. Not a difficult shrub to grow. **Price:** 15 to 18 in. $2.00 each, $22.50 for ten; 18 to 24 in. $3.00 each, $27.00 for ten; 24 to 30 in. $4.00 each, $36.00 for ten; 30 to 36 in. $5.00 each, $45.00 for ten. Carload lots of native-grown clumps can be supplied; prices on application.

LEUCOTHOE

L. Catesbaei (Andromeda Catesbaei). S. May. Foliage thick, heavy and pointed. A shining green in Summer, the branches arching gracefully. The showy spikes of white flowers open early. Can be used in shady spots. **Price:** 15 to 18 in. $2.50 each, $22.50 for ten; 18 to 24 in. $3.00 each, $27.00 for ten.

MAHONIA

M. aquifolia (Ashberry). D. May. Its large, spiny leaves, which turn scarlet in Autumn, are much like those of the famous English Holly, and its bright yellow flowers in May are effective. **Price:** 18 to 24 in. $1.50, $14.00 for ten.

PACHYSTIMA

P. Canbyi. Dwarf evergreen shrub, with trailing branches not much over 1 ft. in height. Flowers reddish in April and May. Growth is somewhat similar to Euonymus minimus. Splendid for the rock garden. **Price:** 75c each, $6.50 for ten.

PACHYSANDRA

P. terminalis (Japanese Spurge). A low dense evergreen plant with glossy foliage, forming large mats, well adapted for covering the ground, especially in moist or shaded situations. Flowers white, disposed in small terminal spikes. **Price** in 3 inch pots: 30c each, $2.50 for ten, $18.00 for 100.

PIERIS

P. floribunda (Lily of the Valley Shrub). Flowers in large white panicles over a dense, dark mass of evergreen foliage. Buds are formed in the Autumn. **Price:** 12 to 15 in. $3.00 each, $27.00 for ten; 15 to 18 in. $4.00 each, $36.00 for ten; 18 to 24 in. $6.00 each, $55.00 for ten.
NATIVE RHODODENDRONS

The Rhododendrons with their rich green foliage are the best of the broad-leaved Evergreens. They will add to any garden as they are not difficult to grow, especially if the native varieties are used, and the soil is properly prepared. A shady location in the garden is preferred by all varieties of Rhododendrons although they will thrive where there is some sun. They should be planted where there is a protective background either of Evergreens or a shrub planting. In order to grow Rhododendrons to perfection, the soil should be properly prepared. This is done by adding Leaf-Mould or Peat Mull to the soil, and where the bed has clay soil, this should be removed or sand added to it so as to make it lighter. The beds should be made at least 2 to 2½ feet deep and the Rhododendrons planted in groups so as to give a solid mass effect. After the bed is planted, a covering of 3 to 4 in. of Peat Mull will help to keep the moisture during the summer months. In the Fall, some more of this can be added or about 4 to 6 in. of leaves should be put in the bed and left there during the next summer until the leaves are decayed and make Leaf Mould which is the best fertilizer for Rhododendrons. As soon as they are through flowering, the seed pods should be removed as this will give the plants strength to make the flower buds for the next season. We strongly recommend the use of our native Rhododendrons. They are hardy, free flowering, and will survive our vigorous New England winters with much less loss than the Hybrid varieties. We can fill orders of any quantity and of any size in bushy, well furnished plants. Quotations will be gladly given on carload lots delivered to any point in New England.

RHODODENDRON CAROLINIANUM
A native of the high altitudes of the Southern Appalachian region, and one of the finest of all broad-leaved evergreens. Of compact habit, three to five feet tall; foliage glossy, dark green, flowers pale rose to deep pink. Price in bushy clumps: 15 to 18 in. $3.25 each, $30.00 for ten; 18 to 24 in. $4.00 each, $35.00 for ten; 2 to 2½ ft. $4.50, $42.00 for ten.

RHODODENDRON CATAWBIENSE
This is also a native of the Allegheny Mountains, and is extremely hardy in New England. The plant forms a compact well-shaped clump, growing from four to six feet in height. The rich green foliage and large trusses of pink to bright red flowers make it one of the most desirable broad-leaved evergreens. Price, bushy specimens: 18 to 24 in. $3.50 each, $33.00 for ten; 2 to 2½ ft. $4.00 each, $36 for ten; 2½ to 3 ft. $5.00 each, $48.00 for ten; 3 to 4 ft. $6.50 each, $63.00 for ten.

RHODODENDRON MAXIMUM
This is the largest-growing of our native sorts, and is used extensively for massing. The flowers are rosy-white to pure white, and appear late. Price of clumps: 18 to 24 in. $3.50 each, $33.00 for ten; 2 to 2½ ft. $4.00 each, $36.00 for ten; 2½ to 3 ft. $5.00 each, $45.00 for ten; 3 to 4 ft. $6.50 each, $60.00 for ten; 4 to 5 ft. $7.00 each, $65.00 for ten; 5 to 6 ft. $12.00 each, $110.00 for ten.

HYBRID RHODODENDRONS
We offer some splendid, bushy plants of these Hybrid Rhododendrons; well budded specimens in named varieties. The colors range from white, through pinks and purple to the deep reds. Price 15 to 18 in. $6.00 each, 18 to 24 in. $7.00 each, $65.00 for ten; 2 to 2½ ft. $8.00 each, $75.00 for ten.
DECIDUOUS TREES

While the collection of trees is very large, we have used extra care in making up the following list, selecting only varieties which have special merit for use in lawn, park, and street planting. Deciduous trees can be safely planted in the Spring as soon as the frost is out of the ground, before the new growth has started, and again in the Autumn as soon as the early frosts have ripened the wood. We cannot too strongly emphasize the necessity of preparation of the ground before planting. Too often a fine, healthy tree is squeezed into a hole about half the size of the diameter of the roots, afterwards filling it with any kind of soil. This in many cases has proved to be the common cause of failure, which generally is blamed to some fault of the tree. The hole should be dug at least two feet wider than the roots, the soil enriched with well-decayed manure and well mixed. The roots should be spread out, the hole gradually filled with good loam, and afterwards well watered. The depth can be easily judged by the soil line on the trunk.

Sizes of young trees which we can supply are shown by symbols following the descriptions. Ultimate height at maturity under average conditions is denoted by letters, thus A, fifty feet or more, B, Twenty to forty feet, C, Ten to twenty feet, D, Six to ten feet.

ACER—Maple
These are without doubt the most popular shade and street trees. They grow rapidly to a height of forty feet or more; they are very hardy, and are comparatively free from insect pests.
A. dasyacarpum (White or Silver-leaved Maple). A. The most rapid growing of the Maples with deeply-cut leaves, silvery beneath. Price each: 6 to 8 ft. $1.50; 8 to 10 ft. $2.00; 10 to 12 ft. $3.00; 12 to 14 ft. $4.00.
A. var. Wieri lacinatum (Wier's Cut-leaved Silver Maple). A. Its foliage is deeply cut and is borne upon long recurving, pendulous branches. Price each: 8 to 10 ft. $3.00; 10 to 12 ft. $3.50.
A. platanoides (Norway Maple). A. Large spreading tree of compact form. Splendid shade tree. Foliage is dark, shining green. One of the best for street planting. Price: 6 to 8 ft. $2.50; $22.50 for ten; 8 to 10 ft. $3.50 each; 10 to 12 ft. $4.50 each; 12 to 14 ft. 1¼ to 2 in. cal. $5.00 each.
A. var. Schwedleri (Schwedler's Norway Maple). B. The early foliage of this variety is a bright crimson, fading to purplish green. Price each: 6 to 8 ft. $3.50; 8 to 10 ft. $4.50.
A. saccharum (Sugar or Rock Maple). A. Probably the most generally used of all shade trees. Upright, straight, symmetrical, well adapted to street planting. Its brilliant Autumn tints are familiar to all. Price each: 8 to 10 ft. $3.50; 10 to 12 ft. $4.50.

AILANTHUS—Tree of Heaven
A. glandulosa. A. A rapid-growing tree, with feathery, tropical foliage. Does well on poor soil, and thrives in cities, where it is often used. Price each: 4 to 5 ft. $1.75; 5 to 6 ft. $2.00.

ARALIA—Angelica Tree
A. spinosa (Hercules' Club). B. Vigorous in growth, making a large clump from suckers freely produced. In August it bears large clusters of white flowers. It is used for tropical effects in conjunction with other shrubs and low trees. Price each: 4 to 5 ft. $1.00; 6 to 8 ft. $1.50.

BETULA—Birch
One of the most graceful members of the great family of trees. All are attractive, whether the upright or weeping forms. They thrive on poor soil and in exposed situations.
B. alba (White Birch, European). A. Symmetrical, of rapid growth, reaching a height of thirty feet. Spray-like branches, bark pure white after three or four years' growth. Price each: 6 to 8 ft. $2.50; 8 to 10 ft. $3.00.
CATALPA

C. Bungei (Umbrella Tree). A dense, spherical head of large heart-shaped leaves, grafted on a stem five to six feet in height, useful as a formal ornament for lawn or avenue. Hardy in Boston and southward. Price: 2 year heads, $2.50 each, $22.00 for ten.

C. speciosa (Indian Bean). A variety common in the West. Bears large orchid-shaped white flowers in July, followed by long bean-pods. Price: 6 to 8 ft. $1.25 each, $12.00 for ten; 8 to 10 ft. $1.50 each, $14.00 for ten.

CERASUS—Flowering Cherry

These are the Japanese cherries so much admired in Washington in the early Spring. They have proved themselves well adapted to New England conditions except in extremely exposed situations. They are exceptionally beautiful. Planting should be done early in the Spring. Highly recommended.

Kanzan. A very showy sort, forming a spreading bushy tree. Flowers in clusters, very large and double, deep old-rose in color. Very fine.

Mt. Fuji (Shirotta). The best double white variety, with large flowers. Foliage light green.

Naden. An extremely double pink flowered variety. The numerous petals make the flower a perfect tuft, as the centers do not show.

Shirofugen. Flowers extremely large and double, borne in clusters of three on a long stem. They open a pale pink, becoming white and then change to cerise.

Price of the above, $3.00 each.

C. Japonica pendula. The beautiful pink-flowered weeping cherry from Japan. 2-year heads. Price $5.00 each.

CERCIDIPHYLLUM—Kadsura Tree

C. Japonicum. B. A tree of compact pyramidal outline. The heart-shaped leaves are rosy purple in Spring, silvery beneath. Prefers damp soil. Each: 6 to 8 ft. $4.00; 8 to 10 ft. $5.00.

CERCIS—Judas Tree or Red Bud

C. Canadensis. C. Before the foliage appears, the stems are clothed with a profusion of reddish-purple flowers, quite unique in color and appearance. The leaves are heart-shaped with a glossy surface. Price each: 4 to 5 ft. $1.50, $14.00 for ten.

CHIONANTHUS—White Fringe

C. Virginica. D. One of the most ornamental of shrubs, producing racemes of fringe-like white flowers in June. The leaves are moderately large, dark green, and are quite ornamental. Will thrive in low, marshy ground as well as in higher situations. Price each: 3 to 4 ft. $2.00, $18.00 for ten.

CORNUS—Flowering Dogwood

C. florida. (White Flowering Dogwood). B. American variety of irregular habit with spreading open top, growing about 25 feet high. The flowers are white, produced in May, followed by scarlet berries and gorgeous Autumnal coloring of the leaves. It associates well with other low trees. Does best in a warm, sheltered location in New England. Price each: 3 to 4 ft. $2.00; 4 to 5 ft. $3.00; 5 to 6 ft. $5.00.

C. var. rubra (Red Flowering Dogwood). C. The flowers are like C. florida, except that they are a deep rose-color, freely produced. A fit companion to the white form. Price each: 2 to 3 ft. $5.00; 3 to 4 ft. $6.50; 4 to 5 ft. $7.50.

CRATÆGUS—Flowering Hawthorn

Among the flowering trees hardy in this climate the Hawthorns take a prominent part. They bloom in May and June, and bear scarlet or coral-red berries which remain late into the Winter. The Common Hawthorn (C. oxycantha) is much used for hedges.

C. cordata (Washington Thorn). B. Clusters of small white flowers, followed by bright red fruit. Price each: 3 to 4 ft. $2.00.

C. crusgalli (Cockspur Thorn). C. Long thorns, glossy foliage, and bright fruit in Autumn. Makes a fine hedge and screen plant. Price each: 2 to 3 ft. $1.00; 3 to 4 ft. $1.75.

C. oxycantha (Common Hawthorn). C. The English Hedge Thorn and excellent for the purpose in this country. Pure white flowers. Price each: 3 to 4 ft. $2.50, $22.50 for ten.
C. var. alba plena (White-flowering Double Thorn). A deep pink variety, becoming more sought for every year. Price each: 3 to 4 ft. $2.00.

C. var. splendens (Paul's Double Scarlet Thorn). C. A shrub or small tree with spindly growth, forming a wide head. Flowers large and very double, resembling small roses, of a delicate pink or blush color; fragrant. One of the most remarkable of Double-flowering Crabs, and should be in every garden. Price each: 2 to 3 ft. $3.50; 3 to 4 ft. $2.00; 4 to 5 ft. $3.00.

FAGUS—Beech

F. americana (American White Ash). A. Rapid growing tree, making a broad spreading specimen, especially effective on lawns. As they do not shade the lawn very much it is quite possible to keep the grass in good condition. Foliage dark green above, light silvery beneath turning to golden yellow in the Autumn. Price: 6 to 8 ft. $1.50 each; $14.00 for ten; 8 to 10 ft. $2.00 each; $18.00 for ten; 10 to 12 ft. $25.00 each.

GINKGO—Maiden-Hair Tree

G. biloba. B. Dark green, thick leaves shaped like the maidenhair fern, from which it takes its name. Rapid grower, and very hardy. A fine tree for street planting as well as for specimen on small or large lawns. Price each: 6 to 8 ft. $4.00; 8 to 10 ft. $5.00.

HALESIA—Snowdrop Tree

H. tetraptera. C. A beautiful, strong growing Dwarf tree, with an abundance of white bell-shaped flowers during the month of May. Price each: 4 to 5 ft. $2.00.

JUGLANS—Walnut

J. cinerea (Butternut). A. Formerly a well-known tree, esteemed for its nuts of delicate flavor. Price each: 5 to 6 ft. $2.00; 6 to 8 ft. $2.50.

J. nigra (Black Walnut). A. An old favorite, bearing nuts with thick, very rich kernels. Price each: 6 to 8 ft. $2.50.

LABURNUM—Golden Chain

L. vulgare (Cytisus Laburnum). C. Dwarf tree, or large shrub, with shining green foliage. The name “Golden Chain” alludes to the length of the drooping racemes of yellow flowers, which appear in June. Price each: 3 to 4 ft. $2.00; 4 to 5 ft. $2.50.

LARIX—Larch

L. europaea (European Larch). A. Compact in growth, with light green foliage and drooping habit. Valuable as a timber tree and beautiful as a specimen on one’s grounds. Price each: 3 to 4 ft. $1.50.

LIRIODENDRON

L. tulipifera (Tulip Tree or Whitewood). A. Among the largest of our native trees, forming broad, spreading specimens. Leaves glossy and large. The flowers resemble Tulips, and are large and greenish-yellow, blotched with orange, appearing in June. Price each: 6 to 8 ft. $2.50.

MAGNOLIA

M. acuminata (Cucumber Tree). A. A tree of large pyramidal growth, with large, deep-green leaves and yellowish-white inconspicuous flowers in May. The showy carmine fruits are shaped like cucumbers. Hardy and vigorous. Price each: 4 to 5 ft. $3.00.

M. glauca (Sweet Magnolia). C. Foliage glaucous underneath, shiny green above. Flowers are creamy white, very fragrant. Seed pods open to brilliant coral red. Price each: 2 to 3 ft. $5.00.

M. Soulangiana. C. Perhaps the most popular of all Magnolias. The flowers are large, pink on the outside of petals and white inside. Price each: 2 to 3 ft. $7.50; 3 to 4 ft. $12.00. Extra heavy specimen plants 4 to 5 ft. $15.00.

MALUS—Flowering Crab Apple

M. Arnoldiana (Arnold Crab). One of the most beautiful varieties. Very large rose-colored flowers turning white, Price each: 4 to 5 ft. $3.50.

M. atrosanguinea (Carmine Crab). Makes a splendid head, covered with deep carmine flowers, not fading white. Very choice. Bears ornamental fruit. Price each: 3 to 4 ft. $2.00.

M. floribunda (Flowering Crab). C. A shrub or small tree with a symmetrical crown. Flowers rose or rose-red, produced in great profusion; fragrant. Fruit red, about the size of a pea, on long, slender pedicels. Price each: 3 to 4 ft. $2.00.

M. Ioënsis plena (Bechtel's Double-flowering Crab). C. A shrub or small tree with spreading or ascending branches, forming a wide head. Flowers large and very double, resembling small roses, of a delicate pink or blush color; fragrant. One of the most remarkable of Double-flowering Crabs, and should be in every garden. Price each: 2 to 3 ft. $1.50; 3 to 4 ft. $2.00; 4 to 5 ft. $3.00.

M. Parkmanii. C. It grows about 20 feet high and fully as wide, and has an exceedingly dense head of fine branches. Each bud produces regularly five blossoms set on stems three inches long, which are so slender that they bend with the weight of the buds or bloom in a very graceful fashion. The buds are carmine in color; the open blossoms are semi-double, and the tree, when in bloom, presents a most gorgeous appearance. Price each: 3 to 4 ft. $2.00.

M. Sargentii (Sargent Crab). D. Very dwarf spreading Japanese variety. Pure white flowers with bright yellow anthers. Scarlet fruit. One of the finest varieties. Should be in every collection. Price each: 3 to 4 ft. $3.00.

M. Scheideckeri (Double-flowering Crab). C. Flowers double, bright rose, of great substance and durability. Splendid for cut-flowers. Price each: 3 to 4 ft. $2.00.

M. spectabilis (Chinese Flowering Crab). C. Beautiful coral-red buds, paling to delicate rose. Price each: 3 to 4 ft. $2.00.

M. theifera. C. Small tree with stiff, spreading branches resembling a cherry tree when in bloom. Flowers are white or light pink with purple calyx. Leaves and bark are purplish. Fruit light greenish yellow with reddish cheek. Price each: 3 to 4 ft. $3.00; 6 to 8 ft. $6.00; 8 to 10 ft. $9.00.
BRECK’S

MORUS—MULBERRY

Either the Weeping, or the Russian Mulberry should be planted, where a place for these trees can be found; as aside from the ornamental value of the plants themselves, the fruit attracts the birds, as they have a great liking for them.

M. alba pendula (Tea’s Weeping Mulberry). An old favorite for lawn decoration. It makes a low tree six feet high, with pendulous branches that reach to the ground. A truly delightful tree. Bears luscious black fruit. Price: $3.00 each.

M. tatarica. (Russian Mulberry). Low growing, bushy top, bearing small black fruit abundantly. Price each: 5 to 6 ft. $1.50; 6 to 8 ft. $1.75.

POPULUS—POPLAR

The Poplars supply us with rapid growing trees in forms suitable for street, shade, and screening purposes. Probably the best known variety is the Lombardy Poplar used so much for screening unsightly objects. For this purpose it should be set from 4 to 8 feet apart, according to the density of screen required.

P. Eugenei (Carolina Poplar). A. Good in almost any location, thriving at the seashore in poor, sandy soil. It forms a fine-shaped spreading tree, with large, dark, glossy leaves, and for screens is unequaled. Price: 6 to 8 ft. $1.25 each, $10.00 for ten; 8 to 10 ft. $1.50 each, $12.50 for ten.

P. nigra Italica (Lombardy Poplar). A. Well-known tree of narrow, upright growth, with light green, small leaves. Price: 6 to 8 ft. $1.25 each; $10.00 for ten, $90.00 for 100; 8 to 10 ft. $1.50 each, $12.50 for ten, $100.00 for 100; 10 to 12 ft. $2.00 each, $18.00 for ten, $150.00 for 100; 12 to 14 ft. $2.50 each, $22.50 for ten, $200.00 for 100.

PTELIA—HOP TREE

P. trifoliata. C. Glossy green foliage, when bruised gives out an odor of hop. Green fruit-pods in Autumn. Price each: 5 to 6 ft. $1.25; 6 to 8 ft. $1.50.

SPRAYING FOR LEAF EATING INSECTS

The annual ravages of brown-tail, gypsy moth, and tent caterpillars may be controlled by the use of Corona Dry Arsenate of Lead. For both trees and shrubs coming into full leaf, one half pound of Dry Arsenate to ten gallons of water, or two to three level teaspoons to the gallon will be effective and will not burn the foliage.
DECIDUOUS TREES

SALIX—Willow

Willows prefer a damp situation, stand severe pruning without injury. The Laurel Leaved Willow (S. Pentandra) is the most valuable plant for coarse hedge purposes.

S. Babylonica (Weeping Willow). A. The well-known variety. Bright green foliage, borne on slender, drooping branches. Especially effective when planted near water. Price each: 6 to 8 ft. $1.50; 8 to 10 ft. $2.00.

S. caprea. (Pussy Willow). Leaves broad, light green, covered with hairs, whitish on under surface. Catkins very conspicuous in early Spring. Price each: 3 to 4 ft. $1.00; 4 to 5 ft. $1.50.

S. elegantissima (Thurlow's Willow). B. Long spreading branches, beautifully drooping; one of the finest of the weeping willows. Price each: 6 to 8 ft. $1.50.

S. pentandra, or laurifolia. (Laurel-leaved Willow). B. A rapid-growing tree notable for its shining, dark green foliage. May be grown as an individual specimen, or is useful for hedges or screens when height is desired. Does well at the seashore. Price: 3 to 4 ft. 60c each, $5.00 for ten; 4 to 5 ft. 75c each, $6.50 for ten, $60.00 for 100; 6 to 8 ft. $1.00 each, $9.00 for ten; 8 to 10 ft. $1.50 each.

S. vitellina aurea (Golden Willow). B. Grows into large tree with short trunk. The golden branches are especially attractive in Winter. Price: 5 to 6 ft. $1.00 each, $9.00 for ten; 6 to 8 ft. $1.50 each, $12.50 for ten; 8 to 10 ft. $1.75 each, $15.00 for ten.

SORBUS

S. aucuparia (European Mountain Ash). D. A most conspicuous tree in Autumn, when loaded with clusters of bright scarlet berries. Price each: 5 to 6 ft. $2.00; 6 to 8 ft. $2.50; 8 to 10 ft. $3.00; 10 to 12 ft. $3.50.

SYRINGA—Lilac

S. Japonica (Japan Tree Lilac). C. Under this head we can include but one variety—the remarkable Tree Lilac of Japan—mildew the last half of the Summer, but the foliage of this variety is always clean and glossy. Makes a clean, straight, trunk, and develops into one of the handsomest of small trees, with very large clusters of white flowers. Price each: 3 to 4 ft. $1.50; 4 to 6 ft. $2.00.

(See Shrub Section page 120 for Hybrid Lilacs.)

TILIA—Linden or Lime

The Lindens are excellent shade and street trees, thriving under all ordinary conditions. They are being largely used, especially the American and European varieties, for planting along our streets and state highways, as they seem to resist the attack of most insects.

T. Americana (Linden or Basswood). A. The largest-growing Linden, making a majestic tree. Suitable for parks or streets. When in blossom, its yellow flowers are intensely fragrant. A fine and valuable tree. Price each: 6 to 8 ft. $3.00, 8 to 10 ft. $3.50.

ULMUS—Elm

U. Americana (American Elm). A. A large and stately tree with long and graceful branches. Leaves oblong, sharply serrate, dark green, turning pale yellow in Autumn. Very picturesque in age, and desirable for lawn or landscape. Price: 6 to 8 ft. $1.50 each, $14.00 for ten; 8 to 10 ft. $2.50 each; 10 to 12 ft. $4.00 each; 12 to 14 ft. $5.00 each.

U. Fastigiata A. (Moline Elm). A beautiful, upright pyramidal growing tree. It does not branch like the American Elm, and grows more rapid. Will make a splendid tree for street planting. Price each: 8 to 10 ft. $4.00.

U. Montana pendula D. (Camperdown Elm). We are again able to offer the Camperdown or Weeping Elm, grafted on stems 4 to 6 ft. high, forming a graceful drooping tree. Large strong heads. Price each: $5.00.

U. Pumila. Chinese Elm. A. A new Elm with rather small leaves, introduced in 1908 from China. The department of agriculture in its bulletin says: "It is a rapid grower, with slender, almost wiry branches. It is one of the first trees to leaf out in the spring and the last to shed its leaves in the fall. Remarkably free from the usual plant diseases and insect injuries so common in many of the elms. It is very hardy and has proved valuable under a greater variety of climatic and soil conditions than any tree yet introduced."

Price each: 6 to 8 ft. $2.50; 8 to 10 ft. $3.50.
FLOWERING SHRUBS

When right selections are made, the shrub border will show striking flower or foliage effects from early Spring until Autumn. Even in Winter shrubs are attractive for the gracefulness and color of their stems and branches. The following list comprises sorts which have been found of value in this climate. Most varieties may be planted with equal success in either Spring or Autumn. In general, for massed effects, the dwarf and small-growing shrubs should be set 2½ feet apart; medium and large-growing, 3 to 5 feet apart.

**ACANTHOPANAX**

A. pentaphyllum (Aralia pentaphylla). M. A graceful shrub, with arching, spiny branches and green shining foliage. Excellent on rocky banks and slopes, and also valuable for hedges.

**AMELANCHIER**

A. Canadensis (Shadbush or Dwarf Juneberry). L. Bush or small tree; white flowers in April; fruit juicy, of good flavor.

**AMORPHA**


**ARONIA**

A. arbutifolia (Red Chokeberry). M. Very ornamental shrub, leaves wooly beneath, bright tints in Autumn; pure white flowers and bright red berries. Price each: 2 to 3 ft. 90c.

A. melanocarpa (Black Chokeberry). M. Has smooth leaves and large black berries in Autumn. Price each: 2 to 3 ft. 90c.

**AZALEA**

Without exception, the most showy of flowering shrubs. Dwarf in habit, they associate well with other shrubs, or can be grouped in masses. They prefer deep leaf-mould soil or peat, which will not dry out in Summer.

A. arborescens (Smooth Azalea). S. July. A large and spreading Azalea, with handsome, dark green foliage, producing white and rose-tinted blossoms late in Summer. Highly fragrant. Price: 15 to 18 in. $3.00 each, $27.00 for ten; 18 to 24 in. $3.50 each.

A. calendulacea (Flame Azalea). M. June. In May and June this Azalea is a mass of blossoms of all shades from light straw-color to the deepest orange. Price each: 15 to 18 in. $2.50; 18 to 24 in. $3.00.

A. Kaempferi (Scarlet Azalea). Price each: 15 to 18 in. $4.00; 18 to 24 in. $4.50; 24 to 30 in. $6.00.

A. mollis (Chinese Azalea). D. Dwarf habit. Resembles Rhododendron; good foliage; flowers in all shades of red, white, yellow, and orange; perfectly hardy, thriving in sunny positions. Price each: 15 to 18 in. $3.50; 18 to 24 in. $4.50.

A. viscosa (White Swamp Honeysuckle). L. June and July. Flowers in clusters, pure white, with shades of pink, and intensely fragrant. Price each: 18 to 24 in. $2.25; 24 to 30 in. $3.00; 3 to 4 ft. $4.50.

**BERBERIS—Barberry**

B. Thunbergi (Thunberg's Japanese Barberry). S. June. A species from Japan, with round, drooping habit; leaves of a fine brilliant green in Summer, taking on, from early Autumn till December, the most glowing colors. After the leaves fall, the branches are seen to be loaded with scarlet-crimson berries. Unexcelled as a hedge-plant, being thickly set with spines, and never growing bare. Price: 12 to 15 in. $1.50 for ten, $10.00 for 100; 15 to 18 in. $2.00 for ten, $12.00 for 100; 18 to 24 in. 35c each, $3.00 for ten, $18.00 for 100; 24 to 30 in. 50c each, $4.00 for ten, $30.00 per 100.

B. vulgaris (Common barberry). M. This is the common barberry used as individual plants, having larger leaves, and large clusters of fruit. Price: 60c each, $5.00 for ten.

B. vulgaris atropurpurea. M. This is the purple leaved variety of the above. Price: 2 to 3 ft. 75c each, $6.50 for ten.

B. Thunbergii nana (Box Barberry). Dwarf type of the Japanese Barberry. This variety is now extensively used as edging around beds, where Boxwood used to be planted. It is perfectly hardy, and can be sheared to any height desired. Price: 12 to 15 in. 50c each, $4.00 for ten, $30.00 for 100.

**BERBERIS THUNBERGI ATROPURPUREA**

Red-leaved Japanese Barberry. Similar in every respect to the green leaved variety except that foliage is rich bronzy red. This color remains brilliant all through the Summer. When planting, it must be given full exposure to the sun, in order to bring out its best colors. Price: 15 to 18 in. 90c each, $8.00 for ten; 18 to 24 in. $1.00 each, $9.00 for ten; 2 to 2½ ft. $1.25 each, $12.00 for ten.
Buddleia Magnifica

CALYCANthus—Sweet Shrub

CARAGANA—Siberian Pea Tree

CLETHRA—White Alder
C. alnifolia (Sweet Pepper Bush). S. July to September. Spikes of highly fragrant white flowers are produced in lavish profusion during nearly the entire Summer. Excellent for growing in shady spots.

CLOUTSEA—Bladder Senna

CORNUS—Cornel or Dogwood
The Dogwoods are attractive for their delicate blossoms in Spring, of fruit in Autumn, and their bright coloured bark in Winter. They grow rapidly, reaching a height of 8 feet or more.
C. alba Sibirica (Red-barked Dogwood). M. In the Winter this is the most showy of all the shrubs, standing out bright and cheerful with its brilliant red bark. It should be planted in groups where its colour effect is visible at a distance. It has healthy, compact, foliage, white flowers, and white berries.
C. elegantissima (Variegated Cornelian Cherry). M. Very showy shrub, leaves are variegated with pink or yellow, making it desirable among other shrubs.
C. paniculata (Gray Dogwood). L. July and August. A bush with a multitude of finely-branched gray twigs and stems, the whole plant taking the form of a round umbel of twigs.
C. stolonifera aurea (Golden-barked Dogwood). N. A striking contrast when planted with the red-barked variety.

CYDONIA—Japan Quince
C. Japonica (Fire Bush). M. May. Glossy, dark foliage, with reddish tints. Large, deep scarlet flowers in abundance, followed by large fruit.

DAPHNE
D. Mezereum. Small hardy shrub flowering in March, before the leaves appear. The flowers are close along the stem, and are very fragrant. Price each: $1.50.

DEUTZIA
D. gracillis (Slender Deutzia). D. May or June. It forms a round, dense bush, covered with snow-white flowers.
D. var. rosea (Slender Pink Deutzia). D. Of hybrid origin, closely resembling the preceding. Light rose-coloured flowers in profuse clusters.
D. Leominei. S. A remarkably fine hybrid. The branches are entirely covered with erect panicles of large, snow-white flowers.
D. var. Pride of Rochester. L. June. More vigorous and with larger panicles of flowers than the preceding. Blossoms are tinted with rose.

ELAEAGNUS—Oleaster
E. longipes (Japan Oleaster). L. July. The leaves are smooth and dark green above and covered on the lower surface with a dense silvery white pubescence. The small yellow flowers are solitary. The red fruit is exceedingly ornamental. Price: 90c each, $8.00 for ten.

EXOCHORDA—Pearl Bush
E. grandiflora. L. Foliage broad, lanceolate-obate, sharp-pointed. Delicately fragrant flowers, pure white, with spoon-shaped petals which are very narrow and stand apart at the base.

Prices except as noted: 75 cents each: for 5 or more of one variety 65 cents each.
EUONYMUS—STRAWBERRY TREE

E. alatus (Winged Burning Bush). L. A handsome shrub 6 to 8 feet tall, with corky-winged branches. Native of China and Japan. Leaves oval, bright green changing in Autumn to gorgeous tones of red and crimson. Price each: 2½ to 3 feet $2.00.


E. europaeus (Spindle Tree). L. May. Forms a low, round-headed tree, very compact. Foliage dark, associating well with the pendulous orange and red fruit of Autumn.

FORSYTHIA—GOLDEN BELL

The earliest of our Spring-flowering shrubs, blooming in April before the leaves appear. They reach a height of 6 to 8 feet; some are upright and stiff in habit of growth, while others, F. suspensa in particular, are drooping and graceful.

F. spectabilis. L. The finest of them all. Large flowers cover the whole stems.

F. suspensa (Weeping Golden Bell). L. April. The long, willowy branches arch gracefully over to the ground and are covered to the tips with trumpet-shaped yellow flowers.

F. var. Fortunei (Golden Bell). L. April. One of our best hardy shrubs. Bears its bright yellow flowers in great profusion early in April, before the leaves appear. Foliage deep green and handsome. Grows vigorously in any sunny situation.

HAMAMELIS—WITCH HAZEL

H. Virginiana. L. November. Large foliage with downy surface, and yellow flowers, appearing after the ripening of the leaves in November. Grows in all soils.

HIBISCUS—Rose of Sharon


KERRIA—CORCHORUS or GLOBE FLOWER

K. japonica. M. A valuable shrub, bearing single yellow flowers all Summer; in Winter its green branches contrast in marked manner with other shrubs.

K. var. flore pleno. Very double, deep yellow flowers.

HYDRANGEA

Old favorites which should be included in every shrub collection. They bloom late in the season and the heads of flowers remain until after cold weather sets in. They do well in dry soil; severe pruning in early Spring is necessary if profusion of bloom is sought.

H. arborescens grandiflora (Snowball Hydrangea). M. Bears spherical heads of pure white flowers in July.

H. paniculata. L. September. The single form of Paniculata grandiflora. Is valued highly in landscape planting and should be more generally used.

H. pan. var. grandiflora. L. September. Bears immense cone-shaped heads of white flowers, turning later to shades of pink and red. Given plenty of water and hard pruning every Autumn, its heads of bloom attain immense size.

H. pan. grand. Standard or Tree Form. Branched 2 to 3 feet above the ground, the total height being 5 feet or more. A pleasing small tree for lawn or border. Price: each $1.50.

ILEX—BLACK ALDER

I. verticillata (Black Alder). M. June. Glossy, dark green foliage and bright crimson berries late in Autumn. Ornamental. Grows in wet or shady places. Price: $1.00 each. $9.00 for ten.

K. japonica. M. A valuable shrub, bearing single yellow flowers all Summer; in Winter its green branches contrast in marked manner with other shrubs.

K. var. flore pleno. Very double, deep yellow flowers.
FLOWERING SHRUBS

LIGUSTRUM—PRIVET
While the Privets are usually thought of as being particularly for hedging purposes they also become attractive flowering shrubs when given room to develop. (See also under "Hedges.")

Price except as noted: 18 to 24 in. 30c; each, $2.50 for ten, $15.00 for 100; 2 to 3 ft. 40c each, $3.00 for ten, $18.00 for 100; 3 to 4 ft. 50c each, $4.00 for ten, $24.00 for 100.


L. lboleum. This is one of the newer varieties with shiny leaves, like the California privet and the hardiness of the Amur River privet. Price 2 to 3 ft. 40c each, $3.00 for ten, $18.00 for 100; 3 to 4 ft. 50c each, $4.00 for ten, $24.00 for 100.

L. lboia (Japanese Privet). M. July. A Privet of the most beautiful character. Dark, oval foliage, contrasting well with the prominent racemes of white, fragrant flowers. One of our best hardy hedge plants. Sizes offered: 18 in. to 3 ft.

L. ovalifo|l|um (California Privet). M. Very broad oval shaped leaves which remain on well into the Winter. One of the most universal of hedge plants and one of the best growing, doing especially well at the seashore. Price: 18 to 24 in. 20c each, $1.50 for ten, $10.00 for 100; 2 to 3 ft. 25c each, $2.00 for ten, $12.00 for 100; 3 to 4 ft. 30c each, $2.50 for ten, $15.00 for 100, 4 to 5 ft. 50c each, $4.00 for ten.

L. var. Regelianum (Regel's Privet). A form with spreading, often horizontal branches, smaller and much more dense in habit. Valuable for informal hedges or as single specimens.

The use of Privet, sheared into formal specimens and used as garden "accents," is a coming thing.

L. fragrantissima. M. April. A beautiful variety; strong growth; fragrant pink flowers in early Spring.


L. Morrowi. M. July. One of the finest berry-bearing varieties, the fruit being a rich crimson and remaining a long time. Vigorous habit; yellow flowers.

L. Ruprechtiana (Manchurian Honeysuckle). M. A large shrub 8 to 12 feet tall, with broad lanceolate, dark green leaves. Flowers pure white, changing to yellow. Berries red or yellow.


L. var. alba. Pure white, fragrant flowers.

L. var. rubra. Red flowers in great profusion.

PHILADELPHUS—SYRINGA or MOCK ORANGE
These old fashioned shrubs cannot be surpassed for wealth and fragrance of bloom. Varieties may be selected which will grow tall, or which will not exceed a height of 4 to 5 feet. The Golden Syringa is the brightest and best known of our yellow leaved shrubs.

P. coronarius (Mock Orange). L. June. Pure white flowers in dense clusters; very fragrant.

P. var. foliis aureis (Golden Syringa). M. July. Of medium dense growth, with golden yellow foliage. A fine shrub for contrast with dark foliage.

P. grandiflorus (Large-flowered Syringa). L. June. Large creamy white flowers, not fragrant. Strong growing.

HYBRID PHILADELPHUS

P. Albâtre. One of the finest varieties. Extra large flowers.

P. Lemoinei. M. This is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June.

P. var. Virginal. Flowers very large, double and fragrant. Covering this variety completely during the month of June and again in late summer.

Price: 2 to 3 ft. 90c each, $8.00 for ten; 3 to 4 ft. $1.00 each, $9.00 for ten.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.
RHUS—Sumach

R. Canadensis (aromatica) (Fragrant Sumach). M. May. A low-growing bush with handsome, thick, fragrant foliage, which colors to scarlet in Autumn. Yellow flowers.

R. Cotinus (Purple Fringe or Smoke Bush). L. The large masses of misty, purplish flowers, which this bears in June, give it the name of Smoke Bush. The leaves change to varying colors in autumn. Price each: $1.25.

R. glabra (Smooth Sumach). L. June. Excellent foliage, topped in Autumn with prominent crimson heads of seed. Fine Autumn coloring. Good on rocky or poor soil.

R. typhina (Staghorn Sumach). L. Grows generally in bush form to 10 feet in height; the foliage is compound, light green and of large size, and in Autumn is brilliantly colored.

R. var. laciniata (Cut-leaved Sumach). M. A most ornamental variety, with finely divided, fern-like leaves.

ROSA—Rose

R. lucida. Single pink flowers very profuse bloomer.

R. rugosa (Japanese Rose), Leaves wrinkled, dark green above, pale beneath. Flowers single, pink or red. Fruit large, bright red. Useful for seashore planting, for hedges, or shrub masses.


R. setigera (Prairie Rose). Long, slender, arching branches, single deep rose flowers in great profusion; bright red fruit.

R. spinosissima (Scotch Rose). Branches very thorny, covered with numerous single yellow flowers.

RUBUS—Bramble

R. odoratus (Flowering Raspberry). M. All Summer. A noble plant, with leaves 6 to 12 inches broad and pink-purple blossoms 2 inches across, in clusters. Very fragrant.

PRUNUS—Flowering Plum


P. glandulosa trichostyla sinensis (Double White Flowering Almond). S. May. The very double rose-like white flowers fill the branches until they bend beneath the weight of bloom. Price each: $1.00.

P. glandulosa glabra albiplena. (Double Pink Almond). Similar to preceding, the flowers being rose-colored. Price each: $1.00.

SAMBUCUS—Elder

S. Canadensis (Common Elder). L. June. Flat heads of flowers and reddish purple berries in Autumn.

S. nigra var. aurea (Golden Elder). A large, golden-leaved form. Requires the full sunlight in which case it becomes one of the best of yellow shrubs.

SORBARIA


Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.
SPIRÆA—Meadowsweet

S. arguta. M. Closely allied to the well-known early flowering S. Thunbergii, which it resembles. It is, however, of more elegant habit than the latter, having larger flowers.

S. Bumalda (Bumal’d’s Spiraea). S. Grows as a low, round bush, producing numerous flat heads of rosy hue from Midsummer until Autumn.

S. var. Anthony Waterer. S. An improved form of the dwarf S. Bumalda. Very low growing and bearing flat heads of brilliant crimson blossoms all through the late part of the Summer.


S. prunifolia fl. pl. (Bridal Wreath). M. May. Strong-growing, small, shining leaves; flowers double white.

S. Trichocarpa. The dome-like clusters of snow-white flowers appear on long, arching stems. Very similar to Spiræa Van Houttei. Its flowers are larger and appear after other varieties are through flowering.

S. Thunbergii (Thunberg’s Spiræa). S. April and May. Low-growing, rounded form, delicate, drooping, yellowish green foliage, changing to lovely tints in Autumn. Small, white flowers in abundance.

S. Van Houttei (Van Houtte’s Spiræa). M. June. The finest and most satisfactory of all Spiræas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which are set with beautiful white blossoms.

STEPHANANDRA

S. flexuosa. S. An attractive shrub of low, dense growth, with deeply cut foliage which turns to brilliant red in Autumn. Flowers creamy white.

SYMPOHICARPOS—Snowberry

S. chenaulti. S. A handsome new hybrid of the well-known snowberry family. It grows four to five feet tall, with gracefully arching branches; flowers pink, rather inconspicuous; fruit red and white, spotted, in great profusion.


S. vulgaris (Indian Currant). S. Low-growing, spreading, graceful habit with clusters of red berries.

SYRINGA—Lilac

S. Josikaea. L. May. Valued for its handsome, large, wrinkled leaves. Late-blooming quality. Flowers are bluish-purple.

S. Persica (Persian Lilac). L. May and June. Habit more open and branches more slender and drooping than other Lilacs. Flowers light purple.

S. var. alba. L. A pure white form of the above.

S. villosa. L. Color varies from light pink to almost blue. Valuable for late blooming. Out of bloom, the shrub forms a striking object with dark, glossy, massive leaves.

S. vulgaris (Common Lilac). L. May. Purple, fragrant flowers, large clusters. Price: $1.00 each, $9.00 for ten.

S. var. alba. (Common White Lilac). Each $1.00, $9.00 for ten.

NAMED HYBRID LILACS

Price: $1.50 each, $14.00 for ten.

S. Congo. Wine-red, very double, large trusses.

S. Charles X. Magnificent clusters of dark red flowers, producing in the greatest profusion.

S. Ludwig Spaeth. The clusters are very large and of splendid dark purple-red color, not only as buds, but even when the blossoms are fully expanded.

S. Marie le Grève. A dwarf grower, and one of the finest whites.

S. Michael Buchner. Very double, pale lilac.

S. Mme. Casimir Perier. Large trusses of very double creamy-white flowers.

S. Mme. Lemoine. A grand double white variety. Vigorous habit and immense foliage.

S. President Grévvy. Petals of cobalt-blue, with the centres brilliant and the edges rosy. The buds are of a violet hue.

Symphoricarpos Racemosus

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.
FLOWERING SHRUBS

VACCINIUM—Huckleberry

V. corymbosum (High-bush Blueberry). M. Should be in every garden. The clusters of white flowers are followed by delicious berries. In late October and early November the foliage turns a bright scarlet, not seen in any other plant. In planting Peat mull should be mixed with the soil, as it grows best in acid soil. Price: $1.50 each, $14.00 for ten.

VIBURNUM—Arrow-Wood

These hardy native shrubs supply us with some of our best planting material. They will grow in partial shade, and will stand exposure to cold winds.

V. Carlesii (fragrant Viburnum). The flowers appear very early, in clusters 2 to 3 in. across. The color is delicate pink passing to white. Extremely fragrant. Price each: 18 to 24 in. $2.00; 2 to 2½ ft. $4.00; 2½ to 3 ft. $5.00.


V. lentago (Sheepberry). M. Flowers creamy white, very fragrant; foliage a light, glossy green.

V. plicatum

V. var. sterile (Common Snowball). L. Filled with large pendant balls of snow-white flowers in May.

V. Sieboldi. M. Leaves large, dark green and shining above, starry pubescent beneath. Flowers white, produced in flat-topped clusters, with the marginal ones sterile and radiant. Berries pink, changing to bluish black. Price: 90c each, $8.00 for ten.

V. var. plicatum (Japanese Snowball). A handsome shrub with showy flowers and beautiful foliage. The large globose flower-clusters are 3 to 4 inches across, and consist of sterile radiant white flowers. Price: 90c each, $8.00 for ten.

WEIGELA

Free blooming old-fashioned shrubs without which no shrub planting is complete. Their color ranges from white to very dark red, with a variegated-leaved variety, which is one of the best of that type.

W. candida (White Weigela). M. Vigorous and fine in habit; the long tubular, white flowers are produced from June all through the Summer.


ZANTHORHIZA

Z. apiifolia (Yellow-root, or Brookfeather). An attractive shrub, usually 1 to 2 feet tall, with bright yellow wood and roots. Leaves compound, consisting of about five deeply incised or lobed, bright lustrous green leaflets. Flowers brownish purple, in drooping compound racemes in early Spring. Price: 60c each, $5.00 for ten.

Prices except as noted: 75 cents each; for 5 or more of one variety 65 cents each.
VINES AND CLIMBERS

Hardy Vines and Climbers can be used in a great many ways to beautify a home, covering banks where it is hard to grow grass or to grow over a pergola or veranda where the large leaved varieties are planted to give shade. Some of the Vines are well suited for the shady corners, such as the Hall’s Japan Honeysuckle while others are planted for their beautiful flowers such as the Hybrid, large flowering Clematis, and the Wisteria.

Most of the Vines and Climbers require some sort of support, others such as the Ampelopsis, Climbing Hydrangeas, etc., cling to stone or brick walls, beautifying unsightly spots. Vines should be planted in a deep rich soil, and after planting should be thoroughly watered. An occasional top dressing of some good fertilizer such as Sheep Manure or Bone Fertilizer will help them to make a strong, healthy growth, Hardy Climbing Roses, of great value as subjects for screening verandas, etc., will be found on page 135.

**ACTINIDIA**

A. arguta. A strong-growing climber from Japan. Foliage glossy green, and flowers white, with a purple centre. The fruit is edible. **Price:** $1.00 each, $9.00 for ten.

**AKEBIA**

A. quinata. May. One of the best Japanese vines, with beautiful, clover-like leaves and plum-colored flowers. A splendid vine. Hardy. **Price:** 75c each, $6.50 for ten; pot-grown plants $1.00 each.

**AMPELOPSIS—Woodbine**

A. heterophylla (Porcelain Ampelopsis). Foliage glossy green, deeply cut, sometimes striped with white; fruit in clusters, changing from pale lilac to deep blue. A beautiful hardy vine for low trellis or stone wall. **Price:** 75c each, $6.50 for ten.

**Clematis Jackmani**

A. quinquefolia (Common Woodbine or Virginia Creeper). A native vine, most vigorous in growth. Intense crimson leaves in Autumn. Excellent for wall covering. **Price:** 50c each, $4.00 for ten, $30.00 for 100.

A. var. Engelmanni. A variety of the above, with stronger tendril discs, that cling like an ivy to any surface. **Price:** 50c each, $4.00 for ten, $30.00 for 100.

A. tricuspidata (Japan or Boston Ivy). Used generally, notably in Boston, to cover walls, its fine shoots extending to the roofs of tall buildings. In the Autumn the leaves assume the most gorgeous and varied tints. **Price:** 3 year plants, 60c each, $5.50 for ten, $60.00 for 100; pot grown plants, 75c each, $7.00 for ten.

**ARISTOLOCHIA—Pipe Vine**

A. sipho (Dutchman's Pipe). A vine with immense heart-shaped leaves, very dense, and when established, of most rapid growth. Its brown flowers are shaped like a pipe. **Price each:** $1.50.

**BIGNONIA—Trumpet Vine**

B. radicans. The scarlet Trumpet Flower. Long and handsome dark green foliage and quite showy clusters of orange and scarlet flowers during the Summer. We have not found any other varieties reliably hardy in New England. **Price:** 50c each, $4.00 for ten.

**CELASTRUS—Bittersweet**

C. orbiculatus (Oriental Bittersweet). A tall and vigorous climber, with bright green leaves and crimson fruit, very handsome in the Autumn and Winter. **Price:** 50c each, $4.00 for ten.

C. scandens (Roxbury Waxwork). This beautiful old shrubby climber is brilliant through Autumn and Winter, filled with its clusters of orange and crimson capsuled fruit. The leaves are glossy and fine. Good in any situation. **Price:** 50c each, $4.00 for ten.

**CLEMATIS**

C. coccinea (Scarlet Clematis). All Summer. A strong climber; light green foliage and bell-shaped, scarlet flowers, produced in great profusion. **Price:** 75c each, $6.50 for ten.

C. crispa (Crisped Leather Flower). July to September. Flowers singly on long stalks, abundant, 1½ inches long, lilac-purple, and delightfully fragrant. **Price:** 75c each, $6.50 for ten.

C. paniculata. The familiar White Clematis, its masses of small, fragrant flowers smothering the vine in early September. The tufts of woolly seeds which follow are equally ornamental. Grows rapidly when once established. Suitable for covering trellises, fences, walls, etc. **Price:** 3 year plants, 60c each, $5.00 for 10, $30.00 for 100; pot grown plants, 75c each, $6.50 for ten.

C. virginiana (Virgin's Bower). August. A strong climber with dark green foliage and very pretty white flowers; the bunches of seeds have long, woolly tufts, making them very ornamental for Winter decoration. **Price:** 3 year plants, 50c each, $4.00 for ten.
HYBRID LARGE-FLOWERED CLEMATIS

Price each: $1.50.

Henryi. One of the best whites. Large, creamy white.


Mme. Edouard André. Red.

Ramona. Light blue.

HEDERA—Ivy

H. helix. The well-known English Ivy; its broad, glossy, dark leaves retain their beauty all Winter if planted on the eastern and northern sides of buildings, away from the sun. It is hardy in New England. Price: 4 in. pots, 75c each; $6.50 for ten. Larger plants $1.00 to $3.00 each.

HYDRANGEA

H. petiolaris (Climbing Hydrangea). This splendid hardy climbing plant should be better known. Once established it will climb rapidly, clinging to the wall like Ivy. Foliage is bright green, with an abundance of flat white flowers early in the Summer. Price from 3 inch pots: 75c each; $6.50 for ten.

LONICERA—Honeysuckle

L. var. Halliana. (Hall’s Evergreen Honeysuckle). All Summer. More generally used than any other variety. Deep green foliage, which is almost evergreen through the Winter, the fragrant yellow and white flowers blossoming from mid-summer until frost. Price: 3 year plants, 50c each; $4.00 for ten, $30.00 for 100.

LYCIUM—Matrimony Vine

L. barbarum (Barbary Box Thorn). This is generally regarded as a climber, as its long, vigorous shoots push upward 8 to 10 feet, and then recurve gracefully to the ground, strung along their entire length late in the Summer with transparent brilliant crimson berries. Good in poor soil. Price: 3 year plants, 50c each; $4.00 for ten.

POLYGONUM

P. Auberti (Chinese Fleece Vine). Strong grower, covered with a sheet of snowy white flowers. Particularly fine when allowed to ramble over trees. Price: 90c each, $8.00 for ten.

PUERARIA—Kudzu Vine

P. Thunbergiana. An extremely fast growing vine, with immense leaves bearing small racemes of pea-shaped rose purple flowers in August. Price 50c each; $4.00 for ten.

WISTARIA

W. Chinensis (Chinese Wistaria). May and August. The most popular variety. Flowers in pale blue pendulous clusters. Price: $1.50 each; $14.00 for ten.

W. var. alba. White-flowered variety of the above. Price: $1.50 each.

A LITTLE BOOK OF CLIMBING PLANTS

To all who grow Vines and Climbers we most strongly recommend this book. Cloth covered. Illustrated. $1.90 post paid.
HEDGES AND SCREENS

Shrubs or low-growing trees may often be made to take the place of a wood or metal fence to mark a boundary or to discourage trespassing, and usually at less expense.

A wide range of choice in hedging materials is possible, and selections should be made with a view to the ultimate height and density desired. For low hedges, which are to be closely sheared, Barberry and Privet are the usual choice, spacing the plants one foot apart. For taller hedges and screens, Willows, Lilacs, and Evergreens of various sorts are frequently used, spacing them three to four feet apart. Many of the Flowering Shrubs also form most attractive hedges and borders. For a screen of extreme height and rapid growth, Lombardy Poplars are of course to be recommended.

Not less than 25 of one variety at the 100 rate.

PRIVET

Ligustrum Amurense (Amur River Privet). A very hardy variety, similar in appearance to the well-known California Privet. Highly recommended.
18 to 24 in. 30c each, $2.50 for ten; $15.00 for 100.
2 to 3 ft. 40c each, $3.00 for ten; $18.00 for 100.
3 to 4 ft. 50c each, $4.00 for ten; $24.00 for 100.

L. Iboleum. New variety. Glossy foliage and very hardy. Deserves a place in every garden.
2 to 3 ft. 40c each, $3.00 for ten; $18.00 for 100.
3 to 4 ft. 50c each, $4.00 for ten; $24.00 for 100.

18 to 24 in. 30c each, $2.50 for ten; $15.00 for 100.
2 to 3 ft. 40c each, $3.00 for ten; $18.00 for 100.
3 to 4 ft. 50c each, $4.00 for ten; $24.00 for 100.

L. ovalifolium (California Privet). Strong and bushy.
15 to 18 in. 15c each, $1.00 for ten; $8.00 for 100.
18 to 24 in. 20c each, $1.50 for ten; $10.00 for 100.
2 to 3 ft. 25c each, $2.00 for ten; $12.00 for 100.
3 to 4 ft. 30c each, $2.50 for ten; $15.00 for 100.

BARBERRY

12 to 15 in. 20c each, $1.50 for ten; $10.00 for 100.
15 to 18 in. 25c each, $2.00 for ten; $12.00 for 100.
18 to 24 in. 35c each, $3.00 for ten; $18.00 for 100.
24 to 30 in. 50c each, $4.00 for ten; $30.00 for 100.

WILLOW

Salix pentandra (Laurel-leaved Willow). A very rapid growing shrub excellent for coarse hedging or screening.
3 to 4 ft. 60c each, $5.00 for ten; $40.00 for 100.
4 to 5 ft. 75c each, $6.50 for ten; $60.00 for 100.

Plant HEMLOCK for HEDGES and WIND-BREAKS

The value of our native Hemlock for Hedges, Screens and Wind-Breaks is too often overlooked. It is a clean, hardy Evergreen of quick growth, and will stand almost any amount of pruning. Young plants set one foot apart and kept trimmed will form a compact evergreen hedge. Just the thing for enclosing the clothes-yard, or for a division line between suburban estates. It makes a splendid back-ground for the perennial border. As a wind-break or screen it has no equal.

SPECIAL PRICES for ten: 24 to 30 inches $36.00; 30 to 36 inches $45.00; 3 to 3½ feet $55.00.
BRECK’S EVERGREEN COLLECTIONS

These assortments of hardy evergreens will be found a convenient means of treating the front of the average house, when immediate effect is desired at moderate cost. The varieties selected are of slow growth, so that the planting does not outgrow its space for some time; too often, low-priced collections of evergreens include what are really forest trees, suitable for planting only in open spaces where they have room to develop. Working plans are supplied with all collections of evergreens.

**Complete Evergreen Foundation Planting**

```
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a — 2 Tsuga Canadensis, 3 to 3½ feet, $12.00</td>
<td></td>
</tr>
<tr>
<td>b — 2 Thuja occidentalis, 3 feet, $8.00</td>
<td></td>
</tr>
<tr>
<td>c — 2 Juniperus Hibernica, 2 to 3 feet, $7.00</td>
<td></td>
</tr>
<tr>
<td>d — 4 Thuja globosa, 12 to 15 inches, $8.00</td>
<td></td>
</tr>
<tr>
<td>e — 4 Thuja Hoveyii, 12 to 15 inches, $8.00</td>
<td></td>
</tr>
<tr>
<td>f — 2 Pinus mughus, 12 to 15 inches, $5.00</td>
<td></td>
</tr>
<tr>
<td>g — 2 Juniperus Pfitzeriana, 12 to 15 inches, $5.00</td>
<td></td>
</tr>
</tbody>
</table>
```

Total value, $53.00. Special price for entire group of eighteen, $50.00.

**Small Corner Groups for Front of House**

```
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a — 1 Thuja occidentalis, 2 feet, $2.50</td>
<td></td>
</tr>
<tr>
<td>b — 1 Chamæcyparis plumosa, 15 to 18 inches, $2.00</td>
<td></td>
</tr>
<tr>
<td>c — 1 Thuja Hoveyii, 15 to 18 inches, $2.50</td>
<td></td>
</tr>
</tbody>
</table>
```

Total value, $7.00. Special offer for group, $6.00; four groups for $21.00

For description of all of the Evergreens included in these collections see pages 103-107 inclusive.

BRECK’S GOLD MEDAL COLLECTION OF EVERGREENS

Exhibited at the Grand Autumn Exhibition of the Massachusetts Horticultural Society, Horticultural Hall, Boston, Mass., Nov. 2-3-4, 1928.

The award of the Society’s Gold Medal was made on the basis of the wide number of varieties, the quality, and the excellent arrangement of the material displayed. Our Landscape Department specializes in the selection and arrangement of Evergreens for foundation and background planting.
ROSES OUT-OF-DOORS

Rose growing is becoming more and more popular with flower lovers, especially since the introduction of so many new varieties suitable for out-of-door culture. The best of the new, together with many of the old favorites, are included in the following list. Prices except as otherwise noted:

Dormant Plants: $1.00 each; $9.00 for ten. Potted Plants: $1.25 each, $11.00 for ten.

NOT LESS THAN FIVE PLANTS OF ONE VARIETY AT THE TEN RATE

After May 1st we supply all varieties well established in pots.

Abbreviations: AB, Austrian Briar; HP, Hybrid Perpetual; HT, Hybrid Tea; P, Pernet.

Planting: Roses are generally planted in the early Spring although excellent results follow planting in October and November. If one has not had the opportunity to get ready in the early Spring, pot-grown Roses can be used all during the Summer months. Roses are heavy feeders and the beds should be well prepared using well rotted manure. Set the plants 18 in. to 2 ft. apart, and bury the collar or bud about one inch below the surface of the ground, (see illustration below). Spread the roots and work the soil in amongst them, finally treading firmly. Water thoroughly after planting. A Summer mulch of Imported Peat Moss is highly recommended.

Pruning: New plants should be cut back to within six inches of the ground (see illustration below). Old plants should be pruned in April, one-half to two-thirds of the previous season’s growth.

Protection: (see illustration below). Hill the earth up around the plants to a depth of six or eight inches, and when this is frozen cover bed with strawy manure or leaves. Use “Evergreen” as a spray for Aphis and Fungtrogen for “Blackspot.” The use of Terogen as an Autumn-Winter ground dressing destroys the spores of most fungous diseases as well as the larvae of insects.

![Fig. 1. A Rose Plant as received from the Nursery. Fig. 2. The same Rose properly pruned and planted in rich soil with bud one inch below surface. Fig. 3. A Rose properly covered for winter. Fig. 4. (A) A potted Rose plant as received from the Nursery after May 1. Remove from pot and plant with potted earth. No pruning necessary. (B) A Rose branch with clean cut at slight angle, not too far above eye, or too near eye. (C) When cutting a Rose allow two leaves to remain on branch. (D) A Rose that has been properly cut has two new flowers.](image-url)
Tea, Hybrid Tea, and Pernetiana Roses

Angele Pernet. HT. (Pernet-Ducher 1924.) Finely shaped flowers of brownish orange, resembling the gladioli, Alice Tiplady, holding its color well. Semi-double, not very fragrant. Growth is fairly strong and constantly in bloom. Price each: $1.50.

Betty Uprichard. HT. (Dickson & Sons 1922.) One of the finest of the newer roses. Buds are copper-red. The large semi-double flowers are brilliant carmine with light salmon reflexes. Quite fragrant, strong grower. Healthy and very free flowering.

Betty. HT. (A. Dickson & Sons 1905.) Buds coppery-rose of beautiful shape. Flowers large, pale pink. Strong branching growth, glossy foliage; free flowering variety. Very hardy. The beautiful buds have made it a very popular Rose. Seldom troubled by disease.

Briarcliff. HT. (Briarcliff greenhouses 1925.) Sport of Columbia. Buds are large and pointed, flowers are deep rose-pink, lighter on outer petals, with golden yellow at base, on long stems. Strong growing variety, with clean foliage.

Charles K. Douglas. HT. (H. Dickson 1919.) A splendid red garden Rose which does not fade. The long pointed buds, open to beautiful large flowers of crimson-scarlet; quite fragrant; a strong growing plant with healthy foliage.

Charles P. Kilham. HT. (Beckwith & Sons 1926.) The perfect shaped, long pointed buds, open to very double flowers of a blazing scarlet-orange, changing to bright orange pink, with deeper center. The plant is a strong grower, flowers very freely, and the flowers are sweet-scented, good for cutting. Price each: $1.50.

Château de Clos Vougeot. HT. (Pernet-Ducher 1908.) Flowers are of a deep, velvety scarlet, double and very fragrant. Foliage fairly good. Flowering qualities are good. One of the finest dark red Roses. It is very hardy, although the plants do not grow upright, but are more or less sprawling.

Columbia. HT. (E. G. Hill Co. 1917.) Flowers bright pink, fragrant, of beautiful shape. Free flowering, strong growth, and good foliage. This is originally a greenhouse rose but under garden conditions it is very well in the garden. It should receive plenty of plant food and lots of water; not very free flowering during the Summer, but it produces fine flowers in the Autumn.

Dame Edith Helen. HT. (A. Dickson & Sons 1926.) Flowers are very large, and extremely double, opening like the well known Francis Scott Key. Its color is a pure, clear pink, which does not fade. The plants are very strong, and it flowers freely.

Duchess of Wellington. HT. (A. Dickson & Sons 1909.) Large, tapering buds of golden orange, opening to semi-double large flowers; saffron-colored, very fragrant. Strong grower and very free flowering. This is one of the best of the yellow Roses, and should be in every garden. It should be well protected during the winter in colder sections of the country.

Edel. HT. (S. McGredy & Sons 1919.) One of the finest of the White Roses. Flowers are large, globular in form and of pure ivory white; not very fragrant. Strong growing plant; flowers are borne on strong stems; foliage good, but not entirely disease proof.

Etoile de France. HT. (Pernet-Ducher 1904.) Flowers vivid crimson, with centers of bright cerise; fragrant. Plants are strong and free-flowering with stiff erect stems; foliage very good. A well-known and popular variety.

Etoile de Hollande. HT. (H. A. Verschuren & Sons 1919.) The finest dark red Rose. Flowers are very large of a vivid crimson scarlet. Price each: $1.50.

E. G. Hill. HT. E. G. Hill Co., 1929.) A beautiful bud, flowers are very large, dazzling scarlet, shading to a deep pure red as it develops, does not turn purple even in hot weather. Growth is strong, with abundant foliage. Very fragrant. Price each: $1.50.

Feu Joseph Looymans. HT. (P. J. Looymans & Co. 1922.) Buds are long and pointed opening to large flowers of deep orange yellow with apricot shades. Growth is strong, with glossy green foliage.

Francis Scott Key. HT. (J. Cook 1913.) The large and very double flowers are light crimson. Growth is strong, very free flowering with good foliage. It sometimes fades during hot weather, but in the Spring and Autumn it is a perfect Rose.

General McArthur. HT. (E. G. Hill Co. 1905.) Buds and flowers of a crimson-scarlet and very fragrant. The growth is strong, with good clear foliage and it is very free flowering. One of the very best red Roses, although it has a tendency to lose its color in midsummer, but it is beautiful in Spring and Autumn.

Golden Emblem. HT. (S. McGredy & Sons 1917.) Buds and flowers of a beautiful yellow, borne on strong erect stems with clean glossy foliage; a beautifully shaped yellow Rose, which is at its best during the cool seasons.

Gruss an Teplitz. HT. (Geschwindt 1897.) The medium sized double flowers are brilliant velvety crimson, and very fragrant. Flowers are freely produced in clusters during the entire season. The growth is very strong, and therefore it should not be planted with other roses, but should be used alone, either in groups or as a single specimen.
Killarney Queen. HT. (J. A. Budlong & Son Co., 1912). This is an improvement of the Killarney type, a little more double than the original, and is very free flowering. This variety is hardly ever troubled with mildew, and its beautiful large pink flowers are rightly named the "Queen."

Lady Alice Stanley. HT. (S. McGredy & Sons 1909). Very large, cup-shaped flowers, deep rose on outside, flesh-pink inside; beautiful double flowers; very fragrant. Growth is strong and free flowering; has large foliage which resists mildew, but should be protected against "black-spot."

Lady Ashington. HT. (A. Dickson & Sons 1904). Double fragrant flowers of light salmon pink. Growth is strong, free flowering and hardy. It is one of the old standard varieties. Should be protected against mildew and "black-spot."

Lady Hillingdon. T. (Lowe & Shawyer 1910). Beautiful slender buds, opening to semi-double flowers of deep apricot-yellow; slightly fragrant. Growth is fairly strong with clean foliage. Flower stems rather weak in midsummer, but good in the Autumn; is free flowering, but needs thorough protection during the Winter.

Lady Margaret Stewart. HT. (A. Dickson & Sons 1926). Very large buds of golden orange shaded with copper. The large flowers open to a beautiful golden yellow. Foliage practically free from disease, and glossy. This rose in the class of the Rev. F. Page Roberts.

Lord Charlemont. HT. (S. McGredy & Sons 1922). Pointed buds, opening to double flowers which are a vivid scarlet and very fragrant. Growth is bushy.


Margaret McGredy. HT. (McGredy & Sons 1927). A stunning new variety. The large double cup-shaped flowers are orange-scarlet, which does not fade. Growth is strong and upright with glossy light green foliage, and is a profuse bloomer.

Mme. Butterfly. HT. (E. G. Hill Co. 1918). Flowers flesh pink shaded rose at the center; a beautiful shape and very fragrant. Growth is strong, with glossy light green foliage; free flowering especially in the Autumn. One of the finest.

Mme. Caroline Testout. HT. (Pernet-Ducher 1890). Large cup-shaped flowers of a satin-rose, becoming lighter toward the center; fragrant. Growth is strong and very free flowering but foliage requires usual protection against "black-spot."

Hadley. HT. (Montgomery Co. 1914). Flowers are velvety crimson; have a beautiful form and are very fragrant. Growth is not very strong, and flowers although rather small in Summer are very fine in the Autumn.

Imperial Potentate. HT. (Clarke Bros. 1922). This strong growing, free flowering rose, produces beautifully shaped long buds, which develop in very large double flowers of brilliant rose-pink, and are sweet-scented. Growth is strong and healthy.

Jonkheer J. L. Mock. HT. (M. Leenders & Co. 1908). Very large carmine buds, developing slowly into large flowers of a deep carmine pink on the outside petals against the silver-rose of the inside of the flowers. Growth is very strong and healthy. A beautiful Rose; not very free flowering during the Summer.

Julien Potin. HT. (Pernet-Ducher). One of Pernet's latest introductions, and as "Golden Pernet" will no doubt become one of the most popular yellow Roses. It is truly the most brilliant yellow Rose yet introduced. It is a rich golden yellow, without the black center which sometimes disfigures the other varieties. The growth is upright with glossy dark green foliage. The beautiful buds are long, opening to large flowers of fine form, which are sweet scented. Price each: $1.50.

Juliet. P. (W. Paul & Son, 1909). The round golden buds open to cup-shaped flowers of old gold on the outer petals and a beautiful pink in the center. Growth is strong, flowers freely only in the early Summer. Should be protected against "black-spot." It is a beautiful combination of colors, especially in the half-opened flowers.

Kaisertin Auguste-Viktoria. HT. (P. Lambert, 1891). Buds creamy white, opening slowly to perfect snow-white flowers with tint of light yellow in the center; fragrant. Growth strong. perfectly hardy, free flowering, especially in Autumn.
Golden Salmon

Large clusters of beautiful orange buds and golden orange flowers. This compact-growing plant is never out of bloom and makes a splendid mass effect. $1 each, $9 for 10.

Talisman

The most outstanding novelty in Roses produced in many a year. $1.50 each, $14 for 10.

President →
Herbert Hoover

Has caused a sensation wherever it has been shown. This new Rose is particularly suited to outdoor culture. $2 each, $17.50 for 10.
BRECK'S SPECIAL DOZEN

THIS Special Collection contains ten of the twelve varieties selected by the members of the American Rose Society as the best Roses for 1931. The remaining two varieties we ourselves have selected as being of outstanding merit for New England gardens. We reserve the right, where necessary, to make substitutions toward the end of the planting season if supplies of these varieties are exhausted. Only varieties of established merit and similar color will be used as substitutes.

Breck's Special Dozen, Dormant Plants, $10. Potted Plants of our Special Dozen after May 1, $12

FULL PLANTING INSTRUCTIONS ON PAGE 126.
FULL DESCRIPTIONS OF ALL VARIETIES ARE TO BE FOUND ON PAGES 127 TO 133.
Mme. Edouard Herriot. HT. (Pernet-Ducher 1913.) Beautiful semi-double flowers of coral-red and orange. Growth is fairly strong and very free flowering. Needs protection against "black-spot."

Mme. Jules Bouché. HT. (Croizier & Son 1911.) Flowers are pure white, slightly shaded blush in the center; fragrant. Growth very strong and free flowering. A most dependable white variety of splendid quality.

Miss Rowena Thom. HT. (Howard & Smith 1927.) A wonderful Rose with extra large flowers. The buds are large long-pointed, opening to flowers of a brilliant rose pink, shaded with orange-flame at the center, on long stems. Growth is exceptionally strong; continuous bloomer during the entire season. Price each: $1.50.

Mrs. Aaron Ward. HT. (Pernet-Ducher 1907.) The double, finely shaped flowers are of an Indian-yellow, fading somewhat during the warm summer days to a light pink; fragrant. Growth is dwarf, foliage very clean; free flowering.

Mrs. C. W. Edwards. HT. (McGredy & Sons 1924.) Large, pointed buds opening to very large, double flowers of pure rosy-scarlet, with yellow base. Growth is very strong, upright and bushy, good clean foliage and a free and continuous bloomer.

Mrs. Erskine Pembroke-Thom. HT. (Howard & Smith 1926.) A splendid yellow Rose, as it does not fade and has a good clean center. The fine long buds open into perfectly shaped, open flowers of a rich canary-yellow, deeper in the center. The growth is strong, with dark green foliage which is quite disease proof. It is very free flowering during the season and is specially good in the autumn.

Mrs. Henry Bowles. HT. (Chaplin Bros. 1921.) A magnificent rose which is never out of bloom, and the flowers are not easily damaged by rains. Color is a dark, lustrous pink, flushed salmon. Growth is vigorous and quite free from mildew. A splendid Rose, both for the garden and for exhibition purposes.

Mrs. Henry Morse. HT. (McGredy & Sons 1919.) One of the bright two-toned Roses. The color is bright pink with silvery shadings, large, double and fragrant. Plant is tall and very free flowering. This Rose should be in every collection.

Ophelia. HT. (W. Paul & Son 1912.) Flowers are full and perfect of salmon-flesh shaded to orange-yellow toward the center. Very fragrant. Growth is strong and very free flowering. Foliage is good, but should be protected against mildew and "black-spot."

Pink Beauty. HT. (J. Cook 1919.) Flowers are long and rather pointed. The color is a bright pink, and fragrant. This variety is of the Radiance type, and it is free flowering. Growth is strong with healthy foliage.

President Herbert Hoover. HT. An outstanding novelty of new color combination, maroon, orange and gold. Large pointed buds on strong stems and a continuous cropper. Open flowers are extra large, measuring 4 to 5 inches across. Price each: $2.00. (See colored plate.)

Rapture. HT. This is a sport of Ophelia and Mme. Butterfly. Its brilliant color is a combination of light apricot, coral, rose and gold. A beautiful Rose with strong growth and clean foliage.

Radiance. HT. (J. Cook 1908.) The globular shaped flowers are rose-pink, with lighter colors on the outside petals; very fragrant. Growth is extremely strong with clean foliage, little affected by the usual diseases, and very free flowering. It is one of the most reliable Roses and very easy to grow.

Red Radiance. HT. (Gude Bros. 1916.) Like the Radiance in habit. Its globular flowers are deep rose-red; also very free flowering. Growth very strong and foliage healthy.

Rose Marie. HT. (F. Dorner & Sons Co. 1915.) Large flowers are of bright rose-pink, free flowering and fragrant. Growth is strong. Foliage healthy. Not troubled by mildew.

Rev. F. Page-Roberts. HT. (B. R. Cant & Sons 1921.) A glorious Rose, resembling Duchess of Wellington, but flowers are fuller, of better shape, and richer in color. It is especially beautiful in the Autumn when it develops into wonderful size and color. The long buds are copper-red opening to very large, fragrant flowers stained with red. Growth is strong with healthy foliage.
ROSES

HYBRID PERPETUAL

Alfred Colomb. (Lacharme 1865). Flowers are a light carmine-crimson, of fine globular form. Extremely fragrant. Growth is strong, with large healthy foliage.

Anna de Diesbach. (Lacharme 1858). Flowers are carmine, extra large, and double. Growth is strong and free flowering, and extremely hardy.

Baron de Bonstetten. (J. Liabaud 1871). Dark velvety crimson flowers of medium size, very fragrant. Growth vigorous, and free flowering. One of the best dark Roses.

Baroness Rothschild. (Pernet 1867). Perfect flowers of pale pink, shaded rose, very large; not fragrant. Growth is strong with clean, healthy foliage. Flowers usually borne singly on stiff stems.

Captain Christy. (Lacharme 1873). Flowers flesh-pink, darker toward the centre, medium size, double and fragrant. Growth is strong, but dwarf and is free flowering in the Autumn.

Captain Hayward. (Bennett 1893). Buds and flowers scarlet-crimson; very large and fragrant. Growth is vigorous, and is very free flowering.

Clio. (W. Paul & Son 1894). Very double, large flowers of globular form; flesh colored, deepening to centre; fragrant. Growth is extremely strong, with good foliage. This Rose should be disbudded as buds appear in large clusters.


Frau Karl Druschki. (P. Lambert 1900). Pinkish buds, opening to beautiful snow-white flowers of enormous size, but without any fragrance. Growth extremely strong, foliage healthy, flowers freely during the entire season. The very best white Rose grown, although it is not fragrant.

General Jacqueminot. (Roussel 1852). Brilliant, velvet crimson flowers of fine shape; very fragrant. Growth is strong, with good foliage, which however mildews occasionally. Sometimes flowers in the Autumn.

Georg Arends. (Hinner 1910). The beautiful pointed flowers are of a pure soft pink; very fragrant. Growth extremely strong with good foliage. Flowers appearing during the Autumn are the most perfect.

George Dickson. (A. Dickson & Sons 1891). Very large, perfect flowers of deep velvety crimson; very fragrant. Growth is strong, with good foliage, which however mildews occasionally.

Hugh Dickson. (H. Dickson 1905). Intense crimson-scarlet flowers, large, full and very fragrant. Growth is extremely strong, and when established will flower throughout the entire season.

J. B. Clark. (H. Dickson 1905). Very large, deep scarlet flowers shaded velvety maroon, very double; slightly fragrant. Growth extra strong, good foliage; hardly ever flowers in the Autumn.

Magna Charta. (W. Paul & Son 1876). Flowers are very large and double, of bright pink, suffused with carmine; very fragrant. Growth is strong and erect, foliage good. Rarely flowers in the Autumn.

Margaret Dickson. (A. Dickson & Sons 1891). White with pale rosy centre, well shaped, and faintly fragrant. Growth is strong, foliage good.

Mme. Albert Barbier. (Barbier & Co. 1925). Our grower’s description is as follows: “Large, beautifully formed flowers with shell-like petals of chamois-pink and pale yellow, blending to white at edges. Practically an ever-blooming rose, flowers throughout summer and autumn.”

Killarney

Souvenir de Claudius Pernet. HT. (Pernet Ducher 1920). Flowers are a sunflower yellow with deeper center. Growth is very strong and erect with clean glossy foliage. It is free flowering early in the season and again in the autumn.

Souvenir de Georges Pernet. HT. (Pernet-Ducher 1919). Very double flowers are Oriental red with carmine and yellow shadings; fragrant. Growth is dwarf, with good foliage, free flowering.

Sunburst. HT. (Pernet-Ducher 1912). Well-shaped flowers are sulphur yellow with centre of dark yellow; fragrant. Growth is rather spreading and not very strong; free flowering.

Talisman. HT. (Montgomery 1929). A Rose of vivid colors, admirably suited for out-door culture, with fine, vigorous foliage. It is easy to grow, strong in habit, free flowering and not troubled by disease. Price each: $1.50.

(See colored plate.)

Ville de Paris. HT. (Pernet-Ducher 1926). Round buds and cup-shaped flowers of pure yellow, without a trace of other color. It is of the Radiance type. Growth is tall and foliage small and hard.

Wilhelm Kordes. HT. (W. Kordes Sohne 1922). One of the finest Roses of recent introduction. Buds are coppery-salmon, with golden yellow base. Flowers are salmon-pink, of beautiful form, on long stems. Growth is very strong, with good foliage which is free from mildew and black spot.

Willowmere. HT. (Pernet-Ducher 1913). Beautiful buds are coral-red, opening to flowers of shrimp-pink, shaded yellow in the centre; not fragrant. Growth very strong, and very free flowering. Foliage must be protected against the usual diseases.
Marshall P. Wilder. (Ellwanger & Barry 1884). Cherry-colored flowers suffused carmine, well shaped, very fragrant. Growth is strong with long blooming period. Similar to Alfred Colomb but grows stronger and flowers more freely.

Mrs. John Laing. (Bennett 1887). Large flowers of clear pink; cup-shaped and double; very fragrant. Growth is very strong with healthy foliage and very free flowering. One of the best of the Hybrid Perpetual Roses, giving some flowers in the Autumn.

Mrs. R. G. Sharman-Crawford. (A. Dickson & Sons 1894). Deep rosy pink, shading lighter toward base of petals, double and fragrant. Growth is strong, foliage good and free flowering.

Paul Neyron. (L. Levet 1869). Dark lilac-rose flowers, very large and double; extremely fragrant. Growth extra strong, leathery foliage, and almost without thorns; free flowering.

Princesse Camille de Rohan. (E. Verdièr 1861). Dark crimson flowers, shaded blackish maroon, well formed and very fragrant. Growth is moderate and spreading; very free flowering in its season but seldom in the Autumn. Long looked upon as the darkest of Roses and often sold as the “Black Rose.”

Ulrich Brunner. (F. Levet 1881). Large, fairly full flowers of bright cherry-red; very fragrant. Growth is strong and erect, with large foliage. Flowers freely in early Summer. An old and well known variety; almost thornless.

**POLYANTHA ROSES**

**Price**: Dormant, 75 cents each; $6.50 for ten. Potted, $1.00 each; $9.00 for ten.

Those who grow Roses should positively include some of the Polyantha group in their gardens. These Roses are invaluable for mass planting as well as for individual specimen planting, and most of them are constant bloomers.

Cécile Brunner. (Mme. Ducher 1881). Small, beautifully shaped buds and flowers of light pink with yellow base in graceful clusters. Foliage shiny and healthy. Perfectly formed miniature Rose known as the “Sweetheart Rose.”

Chatillon Rose (A. Nonin 1923). Flowers are semi-double, bright pink. Trusses large, growth is strong and healthy.

Clothilde Soupert. (Soupert & Notting 1890). Flowers pearly white with a pink flush at the base. Flowers freely in large clusters; growth quite strong.

Ellen Poulsen. (D. L. Poulsen 1912). Flowers are rather large and fairly full, of bright rose-pink, darker toward the edges, and fragrant. Large, compact clusters, produced freely by a dwarf, bushy plant, about 18 inches high.

Golden Salmon. Large clusters of reddish orange buds and flowers, of most amazing color. The plant is always in bloom. **Price each**: $1.00, $9.00 for ten.

Gruss an Aachen. Buds salmon, very large flowers, orangesalmon in the center, passing to white at the edge. Foliage rich green. Growth moderate, continuous bloomer.

Ideal. (J. Spek 1922). Dark scarlet flowers shaded with black, produced in great profusion in large trusses. Growth is vigorous, long-branching, continually in flower.

Katharine Zémét. (P. Lambert 1901). Flowers are pure white and very double, fragrant; produced in large clusters on strong plants, continually in flower.

Miss Edith Cavell. (Meiderwyk 1917). Semi-double flowers of brilliant scarlet-red, shaded darker, produced in large trusses on strong, well branched plants.

Mme. Norbert Levasseur (or Baby Ramblere). (Levasseur & Sons 1903). Small, semi-double flowers of bright purplered with a lighter centre, in large clusters on strong plants, which are constantly in flower.

Mrs. Wm. H. Cutbush. (W. Cutbush & Son 1906). Medium-sized flowers of bright rosy pink in large clusters. Plant is strong and very free flowering.


Triomph Orleanais. (Peauger 1912). Flowers are bright cherry-red, rather large, produced freely in large trusses. Plant is strong and erect, 20 to 24 inches high, with shiny green foliage.

Yvonne Rabier. (E. Turbat & Co. 1910). Flowers are pure white, with creamy base, produced in clusters. It flowers freely, having bright green glossy foliage.
AUSTRIAN BRIERS

Price: $1.00 each, $9.00 for ten.

Austrian Copper (Rosa fatida bicolor). (Gerarde 1596). Single flowers of intense copper-red, reverse of petals bright golden yellow, produced singly on short stems along the branches. Hardy; and very strong when thoroughly established. Blooms freely, and requires a dry, rather sheltered situation.

Harison's Yellow. (Harison 1830). Semi-double bright yellow flowers covering the plant early in the Spring. Very vigorous and hardy; healthy foliage.

Persian Yellow. (Willock 1837). Flowers are deep golden yellow and double produced along the canes of the plant. Flowers late in Spring or early Summer. Growth is moderate and the foliage is not very good.

RUGOSA ROSES AND THEIR HYBRIDS

Price: $1.00 each; $9.00 for ten, unless otherwise noted.

These Roses are particularly suited to planting near the seashore or in other exposed locations.

Agnes. (Saunders 1922). "The yellow Rugosa Rose." Buds are a buttercup yellow, opening to clear yellow flowers which are large and fragrant. Growth is moderate and hardy. It is the only yellow Rugosa and worth trying. Price each: $1.50.

Amelie Gravereaux. (Gravereaux 1904). The flowers are medium sized, dark purplish red, double and fragrant, borne in clusters. The foliage is rough and leathery.

Blanc Double de Coubert. (Cochet-Cochet 1892). Flowers pure white and double; produced freely during Summer and Autumn. Plants are very strong, with foliage and habit of the Rugosa type. The best double pure white Rugosa.

Conrad Ferdinand Meyer. (Muller 1900). Very large flowers of light silvery pink on strong stems; plant is very strong grower, sometimes 8 to 10 feet high when established. Truly the handsomest Rugosa, very hardy.

F. J. Grootendorst. (Degoe 1918). Small, flowers of bright orange-red, produced in clusters freely throughout the entire season. The plant is very strong, up to 6 feet or more, with large foliage. This variety combines the everblooming habit of the Polyanthas with the strong growth of the Rugosa. Will make a beautiful everblooming hedge.

Pink Grootendorst. (F. J. Grootendorst & Sons 1923). The flowers of this variety are clear light pink, flowering during the entire season. This variety can also be used as a hedge plant as it makes a strong bushy shrub, absolutely hardy. Price each $1.50.

Roseraie de L'Hay. (Cochet-Cochet 1901). Dark red, double flowers; very fragrant. Blooms very early in Spring and continues through the Summer. Plant is strong and very hardy.

Sarah Van Fleet. (Dr. W. Van Fleet 1920). The plant is of erect and spreading habit with medium green Rugosa type foliage. It is strong growing, very hardy, and the flowers are rose-pink. Freedom of bloom and lasting quality excellent. Price each $2.00.

Sir Thomas Lipton. (Dr. W. Van Fleet 1900). Showy white flowers of good size and splendid quality; very free flowering in Spring, but sparingly through Summer and Autumn. The plant is very strong and hardy.

Rosa Rugosa. Large single flowers; color varies from shades of pink and rosy crimson. Flowers early and continues flowering all Summer. Strong, wrinkled foliage, seldom troubled by any disease. Price: 75c each, $6.50 for ten.

Rosa Rugosa Alba. This is the white form of the above variety. Price: 75c each, $6.50 for ten.

MOSS ROSES

Price: $1.00 each, $9.00 for ten.

Blanche Moreau. (Moreau-Robert 1880). Heavily mossed buds and double white flowers in clusters. Very strong and free flowering; in favorable seasons it blooms again in the Autumn.

Crested Moss (Chapeau de Napoleon; Cristata). (Found in Friburg, Switzerland, 1827). Triangular buds, crested with a deep fringe which sometimes extends to the leaves. The flowers are large and full, bright rose-pink, paling toward the edges. Branching, moderate growth. Feed heavily to produce the finest crests.


SINGLE ROSES

Price: $1.00 each, $9.00 for ten.


Irish Fireflame. HT. (A. Dickson & Sons 1914). Orange-crimson blooms, shaded pink and gold, very large and fragrant. Growth strong and very free flowering.

TREE ROSES

Tree Roses are used most successfully in the well planned rose garden to relieve the flat appearance that is often difficult to get away from. In England they are used very extensively with charming effect. They deserve far greater popularity in this country, and the only unusual care they require is adequate winter protection. This protection may be had either by giving the plants a thorough wrapping with straw and burlap, or by laying them down and covering the head and main stem with soil and then mulching in the usual way with straw manure or a heavy coating of hardwood leaves.

Price each: $3.00.

All Tree Roses are pot-grown, ready for delivery after May 1st.

Betty Uprichard. Buds coppery red, flowers salmon pink.

Frau Karl Druschki. White.

Gruss an Teplitz. Crimson, in bloom all summer.

Kaiserin Augusta Viktoria. Pure white.

Killarney Queen. Cerise pink.

Lady Ashton. Shining Pink.

Lady Hillingdon. Deep apricot-yellow.

Madame Butterfly. Bright pink, apricot and gold.


Radiance. Carmine pink.

Red Radiance. Crimson.

Souvenir de Claudius Pernet. Sunflower yellow.

ROSA HUGONIS

Light yellow flowers produced along slender branches, making a striking display early in the season, resembling the Spirea Van Houtte, except of course, that the flowers are yellow. Branches growing erect reaching 6 to 8 feet. Its habit of growth does not allow it to be used in the rose bed, but it should be planted either as a specimen shrub, or in a shrub border where it will grow rapidly and flower very freely. As the flowers appear on last year's growth, this rose should not be pruned until after the flowering season is over.

Price of strong plants $1.50 each, $14.00 for ten.
HARDY CLIMBING ROSES

Prices except as otherwise noted: Dormant plants 75 each, $6.50 for ten; Potted plants $1.00 each, $9.00 for ten.

American Pillar. HW. (Dr. W. Van Fleet 1902). Single flowers fairly large, of brilliant crimson-pink, with large white centers and golden yellow stamens. Flowers very freely in large clusters on very strong growing plants. Healthy foliage.

Chaplin’s Pink Climber. Introduced in 1930. A pink replica of Paul’s Scarlet Climber, of which it is a seedling. Fairly large flowers in clusters of 8 to 12. Clear pink with a tuff of yellow stamens. Price each: $1.50.

Christine Wright. HW. (Hoopes Bro. & Thomas Co. 1909). Flowers are very large and double, of a wild-rose pink in large clusters. Growth is strong and produces occasional flowers in the Autumn.

Climbing American Beauty. HW. (Hoopes Bro. & Thomas Co. 1909). Flowers are of a brilliant carmine-rose, of beautiful form and very fragrant, produced mostly in clusters of three, on fairly strong growing plants.


Dorothy Perkins. HW. (Jackson & Perkins Co. 1902). Beautiful flowers of brilliant shell-pink in large clusters. Very long canes and good foliage; subject to mildew in the Autumn.

Dr. W. Van Fleet, HW. (Dr. W. Van Fleet 1910). Buds and flowers pale pink. The lovely shaped flowers are equal in form and size to the finest Hybrid Teas. Growth is very strong, with clean healthy foliage.

Emily Gray. HW. (A. H. Williams 1918). The large semi-double flowers are a deep golden yellow, slightly fragrant. They are produced singly or in small clusters. Growth is very strong with beautiful shiny foliage. The true yellow climbing rose which does not fade. Needs protection during the Winter.

Excelsa. HW. (M. H. Walsh 1910). Double, scarlet-crimson flowers. Clusters very large. Plant is extremely strong-growing with clean foliage.

Flower of Fairfield. Sometimes called the ever-blooming Crimson Rambler. Is a great improvement over the old variety, as it has a longer blooming season, bearing large clusters of crimson flowers well through the Summer.

Gardenia. HW. (W. A. Manda 1899). Yellow buds and creamy flowers with rich yellow centers; borne in small sprays. Growth is very strong; early flowering.

Hiawatha. HW. (M. H. Walsh 1904). Small single flowers of brilliant carmine, with white eye and shining yellow stamens. Clusters are very large. Late flowering.

Jacotte. Light salmon-orange, shaded golden yellow at the base, flowers are large, sweet scented. Glossy foliage. Price each: $1.00.

Mary Louise. HW. (Dr. W. Van Fleet 1915). Large pure white waxy flowers, sweet scented, singly and in sprays. Plant is strong growing with glossy foliage. This is a pure white variety of the well-known Dr. W. Van Fleet.

Mary Wallace. HW. (Dr. W. Van Fleet, introduced by American Rose Society 1924). Flowers are very large, semi-double, clear rose-pink, with salmon base. Growth is very strong, 8 to 10 feet high, with healthy glossy foliage.

Mme. Gregoire Staechelin. Cl. HP. A wonderful new Rose. A cross between Frau Karl Druschki and Chateau de Clos Vougeot. The crimson buds are long and pointed, and as the flowers open, the outer petals show splashes of carmine with pearl pink in the center. The flowers appear early in June lasting a long time, and are very fragrant. A strong grower with large clean foliage. Price each: $2.00.

Paul’s Scarlet Climber. HW. (W. Paul & Son 1916). Flowers of bright scarlet, quite large and beautiful form. Blooms in small clusters. Growth is strong with very good foliage. Flowers very freely at its season. The finest red climbing rose that is available.

Primrose. HW. A yellow Climbing Rose, which is real hardy, and will grow wherever such varieties as Dr. Van Fleet will thrive. The double flowers are a beautiful shade of canary-yellow, which does not fade, and are produced in great profusion, in clusters of from 2 to 5 flowers. It is a strong grower, with healthy foliage. Price each: $1.50.

Roserie (Red Tausendschon). The same habit of growth as Tausendschon; flowers are of a deeper shade of cerise-pink. A great improvement.


Silver Moon. HW. (Dr. W. Van Fleet 1910). Enormous flowers of purest white, showing the golden anthers on transparent petals. Flowers are almost single and appear mostly in small sprays or singly. Growth is extremely strong, 10 to 15 feet, with perfect foliage.

White Dorothy. HW. (B. R. Cant & Sons 1908). Flowers are rather small, very double, pure white in large trusses. Growth is strong and healthy. A pure white form of Dorothy Perkins, and of somewhat stronger growth.

Rosa Wichuraiana. (Crépin, Japan). Pure white flowers in large clusters, freely produced rather late in the season. Plant is trailing and forms a dense mat of shining, almost evergreen foliage.
BRECK'S HARDY PLANT COLLECTIONS

BOSTON COLLECTION

An assortment of Hardy Flowers growing to approximately the same height, giving a succession of bloom from Spring until Autumn. These plants will fill a bed or border twenty to twenty-five square feet in area.

- 2 Anemone Japonica
- 2 Aquilegia chrysantha
- 2 Chrysanthemums
- 1 Coreopsis lanceolata
- 2 Delphiniums
- 1 Gypsophila paniculata
- 1 Heliopsis Pitcheriana

These 20 Hardy Plants in 14 varieties for $5.00; carriage extra.

Fertilize your hardy perennial garden with Sheep Manure, and Ground bone, using about a pound of each per square yard. Mulch with Peat Mull.

LEXINGTON COLLECTION

This larger Collection includes early, midseason, and late blossoming hardy plants, of varying heights, sufficient for a bed or border covering fifty square feet.

<table>
<thead>
<tr>
<th>April to June</th>
<th>June to August</th>
<th>August to October</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Aquilegia hybrids</td>
<td>3 Iris Germanica</td>
<td>2 Aconitum</td>
</tr>
<tr>
<td>3 Delphiniums</td>
<td>2 Lupinus polyphyllus</td>
<td>4 Chrysanthemums</td>
</tr>
<tr>
<td>1 Hemerocallis</td>
<td>2 Ėnothera</td>
<td>2 Anemone Japonica</td>
</tr>
<tr>
<td>2 Gaillardia</td>
<td>1 Gypsophila</td>
<td>2 Helenium</td>
</tr>
<tr>
<td>1 Heliopsis Pitcheriana</td>
<td></td>
<td>2 Aster Novæ-Angliæ</td>
</tr>
<tr>
<td>2 Iris Germanica</td>
<td></td>
<td>4 Phlox</td>
</tr>
<tr>
<td>2 Lobelia cardinalis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Lychnis chalcedonica</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 Phlox</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These 50 Hardy Plants in 23 varieties for $10.00; carriage extra.

Aphids. Spray with “Evergreen” or “Black Leaf 40.” Mildew or Blight. Spray with Bordeaux Mixture. Cutworms. Treat soil around plants with “Snarol” or “Evergreen.”
BRECK'S SQUARE HARDY GARDEN
A ready-planned flower garden for a space twenty-four feet square, with a grass-plot in centre giving an opportunity for the placing of a bird-bath, gazing-globe, or sun-dial. Over forty varieties of Hardy Plants are included, carefully chosen with respect to height, color, and season of bloom; a planting-plan and complete instructions are provided. A specimen of this garden may be seen in our show-grounds at Lexington. The price represents a saving of 20 per cent as compared with regular rates.

Breck's Square Garden, 178 Plants with planting plan f.o.b. Lexington, $50.00.
Delivered and planted within 20 miles for $20.00 additional.

BRECK'S PERENNIAL BORDER
This Border has been planned as a single bed 20 feet long by 4 feet wide, but the selection of plants is such that it may be arranged in any of a half dozen ways as the purchasers' individual tastes may dictate. The Collection comprises 72 Hardy Perennial Plants and can be relied on to give a full measure of satisfaction, both as to garden effect and also for cutting. A generous number of such well known flowers as Peonies, Iris, Phlox, Larkspur, Columbines, Lilies, etc., is included in this justly popular selection of favorite garden subjects, and with every Collection a complete planting plan is provided, showing the arrangement of the plants for best effect. We have designed this garden especially for those who want a well balanced hardy garden that will require the minimum of care and yet give a wide selection of bloom throughout the year from early Spring until the severe frosts of Mid-Autumn.

Breck's Perennial Border, 72 Plants with planting plan, f.o.b. Lexington, $18.00.
Delivered and planted within 20 miles for $10.00 additional.

BRECK'S ROCK GARDEN
This Collection of true and tried Rock plants has been carefully selected to meet the demands of the beginner in Rock Gardening. It represents an ideal collection of the better known and more easily grown Perennials for rock work.

Aquilegia. Columbine.
Arabis alpina. Rock Cress.
Armeria maritima. Sea Pink.
Campanula carpatica. Carpathian Bellflower.
Heuchera sanguinea. Coral Bells.
Iberis Snowflake. Candytuft.
Iris pumila. Dwarf Iris.
Nepeta Mussini.
Phlox subulata. Moss Pink.
Sedum spectabilis. Showy Stonecrop.
Sedum hispanicum. Spanish Stonecrop.
Sedum acre. Gold Moss.
One each of the above 12 varieties for $2.50
Two each of the above 12 varieties for 4.75
Four each of the above 12 varieties for 9.00
Hardy Chrysanthemums

Special Offer

Alice Howell. Single orange yellow.
Glory of Seven Oaks. Dwarf golden yellow; very early.
Hills of Snow. Pure white; small flowered.
Mrs. Calvin Coolidge. Rich wine red.
October Girl. Pink shaded with lavender.
Red Doty. Rosy red.
Ruth Cumming. Reddish bronze and terracotta.

One each of above 8 varieties for $1.50.
Carriage extra.

German Iris

Special Offer

Archeveque. S deep purple-violet. F deep velvety violet.
Caprice. S rosy red. F deeper rosy red.
Florentina alba. Creamy white.
Hector. S dark blue. F purple.
Honorabilis. Yellow.
King of Iris. S yellow. F dark brown bordered yellow.
Pallida Dalmatica. S clear lavender blue. F deep lavender.
Purple King. S rich claret purple. F deep purple.

(“S” denotes the standards or erect petals; “F” the Falls or drooping petals).

One each of the above 8 varieties for $2.00.
Carriage extra.

Hardy Phlox

Special Offer

Africa. Carmine purple, blood-red eye.
Eclaireur. Bright rosy carmine.
Enchantress. Bright salmon pink.
Jeanne d'Arc. Pure white.
Nana Coerulea. Lavender blue.
Pantheon. Bright carmine rose.
R. P. Struthers. Cherry red, suffused salmon.
Rynstrom. Carmine rose.

One each of above 8 varieties for $1.50.
Carriage extra.
BRECK'S HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for out-of-door culture. In this group of plants, flowers of almost every type, color and height may be found, and by judicious selection a succession of bloom may be enjoyed from early Spring right through to hard frosts. Among the Hardy Perennials a wonderful range of color exists, and then it must not be forgotten that these Hardy Plants are suited to plantings of widely varying types. Our list contains many Hardy Plants that are admirably suited to the Rock Garden. Others are of a tall and strong growing type, suited to massing in the back of the border; and still others, like Phlox, Iris, Paeonies and the Hardy Chrysanthemums are suitable for planting in masses or in small groups or individual specimens in the garden beds. Throughout the list we have tried to make the descriptions as accurate as possible in order to make selection of varieties easy. Many people, however, are unfamiliar with Hardy Perennials except as a general group, and to meet the requirements of those who lack experience we have made up a series of Collections and Special Offers which represent extraordinary values. We beg to call these Collections to your especial attention as we include with some of them complete blue print plans making the creation of “An Old Fashioned Garden” easy for the most inexperienced amateur. These Collections and Special Offers appear on the three preceding pages. The complete list of separate varieties follows.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100

ACCHLEA—YARROW

A. ptarmica (The Pearl). One of our best border Perennials; erect stems, 18 inches, terminating with pure white flowers, exceedingly double; June to September.


ACONITUM—MONKSHOOD

Price: 35c each, $3.00 for ten.
A stately group of plants for the wild garden, shrubbery borders, and in shady spots, where they do well. They grow 3 to 5 feet high, producing large spikes of blue, white, and purple flowers not unlike the Delphiniums.

A. autumnale. Dark blue. October. 5 ft. flowers in September and October.
Each 50c; $4.00 for ten.

A. Fischeri. A dwarf variety, growing 18 inches high, with very large, pale blue flowers. Each 40c; $3.50 for ten.


A. napellus bicolor. Large blue-and-white flowers. Price: each 40c; $3.50 for ten.

A. napellus Spark. 3 to 4 ft. July to September. Dark blue, free flowering.

AGROSTEMMA

(See Lychnis)

AJUGA

A. genevensis (Geneva Bugle). May, 6 to 8 in. Long spikes of light blue flowers. Will do well in shady places.

ALTHEA ROSEA

HOLLYHOCK

Few hardy plants are more worthy of cultivation than Hollyhocks. For interspersing among shrubbery or planting in rows back of lower growing plants they are most valuable.

Alleghany. Large double flowers fringed petals; pink or carmine.

Double in colors: carmine, pink, red, salmon, white, yellow.

Single in colors: pink, red, and white.

Mixed, double or single.

ALYSSUM

A. saxatile compactum (Dwarf Goldentuft). April to June. 1 foot. Broad velvety gray foliage, surmounted by elegant, small fragrant yellow flowers, in heads.

ANCHUSA—BUGLOSS

A. Italica Dropmore. An improvement on the old Italian Alkanet; grows 5 feet high and produces its pretty gentian-blue flowers throughout the entire Summer.

A. myosotidifloria. Produces graceful panicles of bright blue flowers, like the forget-me-nots in April and May. Price: 40c each, $3.50 for ten.

ANEMONE

WINDFLOWER

The Anemone is one of the finest perennials for the Autumn. Should be planted in a sheltered position as it flowers very late. Spring is the best time to plant.

A. Japonica. September until frost. 3 to 4 feet. It is of vigorous growth, with handsome foliage, and the flowers of a pinkish red are freely produced on long stems, and are of great merit for cutting.

A. var. alba. September to November. Pure, large white flowers with yellow stamens. The latest-flowering perennial we have and equalled by few hardy plants. This and the pink form should be protected by a heavy mulching of leaves.

A. var. Queen Charlotte. The finest of all Anemones. It blooms much earlier than the old varieties. The flowers are rose-pink. 2 to 3 feet.

A. var. whirlwind. A semi-double white form. The flowers, which are 2½ to 3 inches across, have several rows of white sepals, and the blooms last much longer than those of the single variety. 3 to 4 feet.

A. pulsatilla (European Pasque flower). April and May. 9 to 12 in. Flowers blue to reddish purple. Splendid for border or rock garden.

A. pulsatilla rubra (Red European Pasque flower). April and May. 9 to 12 in. A red flowering form of the above.
ARABIS—ROCK CRESS
A. alpina. Low growth, suitable either for the rockery or the border, and covered with fine racemes of pure white flowers.
A. Alpina. f. pl. A double flowering form of the above. Price each, 35c, $3.00 for ten.

ARMERIA—SEA PINK or THRIFT
A. cephalotus rubra. June and July. Strong variety with crimson-red flowers. 8 to 12 in.
A. maritima. May and June. Grass-like foliage, with fine purple flowers. Valuable for edging and borders. 3 to 6 inches.
A. maritima alba. White variety of above.

HARDY ASTERS
MICHAELMAS DAISIES
In this class are some of the most showy as well as really beautiful and interesting flowering plants in cultivation. All are quite hardy, graceful in habit, and bear such profusion of flowers that they are most valuable in the garden, especially as they blossom when a scarcity of hardy flowers exists.

Alpinus. Light blue. Good for rock gardens. 6 to 10 in.
Alpinus Goliath. Bluish purple. 6 to 10 in.
Blue Gem. Rich dark blue. 4 to 5 feet.
Climax. Blue. 3 feet.
Elta. Double lilac. 3 feet.
Feltham Blue. Bright blue. 3 to 4 feet.
Lil. Pardel. Rich clear pink. 4 to 5 feet.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100
**BRECK'S**

**HARDY PERENNIAL PLANTS**

**BOLTONIA—FALSE CHAMOMILE**

B. asteroides. September and October. 4 to 5 feet. Late-flowering perennial; Aster-like flowers in quantity.

B. latisquama. August and September. 4 feet. Flowers clear lavender-lilac. It is valuable in any situation, growing vigorously in any soil.

**BOCCONIA—PLUME POPPY**

B. cordata. August. This is one of the most tropical-looking of all our hardy plants. The foliage is broad and glaucous. It grows 6 to 8 feet high, terminating in a great spike of pink flowers, and grows in grass or any wild spot.

**CALIMERIS**


**CALLIRHOE—POPPY-MALLOW**

C. involucrata. June to September. 1 foot. A trailing plant of vigorous growth, with large, rich, violet-crimson flowers during the entire latter part of the Summer. The foliage is good and the entire plant is distinct and showy.

**CAMPANULA—BELLFLOWER**

Asclepias Tuberosa

ARTEMISIA—WORMWOOD

A. abrotanum (Southernwood). Green fragrant foliage. Yellowish white flowers. 2 to 3 feet. Each, 50c; $4.50 for ten.

A. stelleriana (Beach Wormwood). Silvery white; foliage deeply cut, fine for rockeries.

**ASCLEPIAS—MILKWEEDE**

A. tuberosa (Butterfly-weed). July and August. 2½ feet. Large heads of brilliant orange-colored flowers of most showy appearance. Price: 35c each, $3.00 for ten.

**ASPERULA—WOODRUFF**

A. odorata. (Sweet Woodruff). May. 6 to 8 in. Small plants with fine leaves in clusters, bearing snow-white flowers, very useful for shady places, very fragrant.

**ASPHODELINE—JACOB'S ROD**

A. lutea. (Common Jacob's Rod). June and July. 3 feet. Grassy foliage and strong flower spikes, bearing fragrant yellow flowers.

**ASTILBE—ARENSI HYBRIDS**

Will thrive in good soil. Should be well watered during growing season. Flowers in large panicles.

Price: 50c each, $4.00 for ten

A. Ceres. Rosy lilac.
A. Juno. Purplish pink.

**JAPONICA VARIETIES**

A. America. Lilac.
A. Gladstone. White.
A. Queen Alexandra. Deep pink.
A. Peach Blossom. Soft pink.
A. Queen Wilhelmina. Pure white.

**AUBRIETIA**

A. deltoidea (False Wall Cress). 6 inches, dark violet. April and May.

**BAPTISIA—FALSE INDIGO**


**BELLIS—ENGLISH DAISY**

B. perennis. April to June. 6 inches. Red, white, and pink; double. Popular spring flowers. Suitable for edging. Price:

20c each, $1.20 for ten, $10.00 for 100.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100
CAMPANULA—Continued

C. var. calycanthera (Cup and Saucer). Biennial. July. Calyx is colored like the flower, giving a cup and saucer effect. Pink, blue, and white.

C. lactiflora. July and August. 2 to 4 feet. Blue.

C. persicifolia. June and July. 3 feet. Broad, purple, bell-shaped flowers arranged along a tall flower spike. A good border plant.

C. var. Moerheimi. June and July. 1 1/2 to 2 feet. This peach-leaved Campanula is the finest double white bell-flower grown. The flowers are from 2 1/2 to 3 inches in diameter.

C. pyramidalis (Chimney Campanula). July and August. A noble plant for back of the herbaceous border, forming a pyramid composed of numerous stems 4 to 5 feet in height, each stem being crowded with large, blue, Salvia-like flowers.

C. rotundifolia (Scotch Bluebell). June to August. 1 foot. Light blue, trumpet-shaped flowers. A fine rock plant.

CASSIA

C. Marylandica. July to September. 4 feet. Yellow.

CENTAUREA

C. Montana (Mountain bluet). Bushy plant, with large blue-violet flowers; valuable for cutting. July and August. 2 ft.

CERASTIUM

C. tomentosum (Snow in Summer). Silvery foliage with white flowers. Fine for rockery. 6 inches.

CERASTIUM TOSTIGMA—PLUMBAGO

C. plumbaginoides (Larpente plumbago). Deep blue, spreading habit, fine for rockeries. September. 6 to 12 inches.

CHEIRANTHUS

C. Allioni (Siberian Wallflower). Flowers bright orange. Continues flowering all Summer if seed pods are cut off.

CHEIRANTHUS

C. Lyoni. August. 2 feet. A perennial of great beauty, with dark glossy foliage and most profuse in flowering. Terminal spikes of red or purplish-red flowers.

CIMICIFUGA—BUGBANE

C. racemosa. Tall graceful perennial suitable for background of the border. Tall racemes of white flowers. July. Price: 35 cents each, $3.00 for ten.

COREOPSIS—TICK SEED

C. lanceolata. June to September. 3 feet. This is doubtless one of the most showy hardy plants, very continuous in blooming. The flowers are a rich yellow.

Coreopsis

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100
DELPHINNIUM—Larkspur

These are among the most popular subjects in the hardy border; bold, attractive plants of easiest culture, perfectly hardy. They will establish themselves in almost any good soil.

D. belladonna. The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

D. bellamosa. A dark-blue variety of the above.

D. Chinense. A very pretty variety, with fine feathery foliage and intense gentian-blue flowers in open panicles.

D. Chin. var. album. A pure white form of the above.

D. elatum (Bee Larkspur). June to September. 5 to 6 feet. Dark blue flowers in long spikes.

D. formosum. The old favorite dark blue with white centre. 3 to 4 feet high. Very vigorous, free-flowering.

Gold Medal Hybrids. The plants are of strong, vigorous habit, with large flowers in spikes two feet and over.

King of Delphiniums. One of the finest yet introduced; the plant is of remarkably strong growth, with flowers of gigantic size, semi-double and of a deep blue color, with large white eye. Price: 90c each, $8.00 for ten.

White Lady. Pure white, strong grower. Price each: 35c; $3.00 for ten.

DIANTHUS—PINK

D. barbatus (Sweet William). June and July. 20 inches. A fine old biennial, but one which perpetuates itself by self-sowing. The colors are very brilliant and effective. Double and single varieties mixed. Also in colors: crimson, white, Newport pink and Scarlet Beauty.

D. plumarius (Scotch Pink). June. 9 inches. Thick tufts of glaucous green foliage, and handsome, fragrant flowers.

D. semperflorens. Dark pink fragrant flowers of good size, with red centre. Foliage silverly and fine. 15 inches.

DICENTRA—DIELYTRA

D. eximia. All Summer. 18 inches. A charming perennial, with fern-like foliage and drooping, purplish red flowers.

D. spectabilis (Bleeding Heart). April to July. Flowers heart-shaped in long racemes, rosy crimson. Fine for borders. 2 feet. Price: 60c each, $5.00 for ten.

Dicentra Spectabilis

HARDY HYBRID GARDEN PINKS

Abbotsford. Rich crimson, marked white.

D. Annie Laurie. One of the finest single flowering ever-blooming carnations yet introduced. It is constantly in flower, of a beautiful clear pink color, with wine-red eye.

Carmen. Light pink; very fragrant. Growth is rather dwarf; fine for the rock garden.

Furst Bismarck. Deep rose, flowers all summer.


Her Majesty. White. Very large and double, fragrant.

Louisa M. Alcott. Large deep pink.

DICTAMNUS—GAS PLANT

D. fraxinella. May and June. 2 to 3 feet. A very showy border perennial forming a bush, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied.

D. frax. var. alba. May and June. White variety of above.

DORONICUM—LEOPARDBANE

D. Caucasicum. Large yellow Marguerite-like flowers in early Spring. May. 1½ to 2 feet. Price each: 50c; $4.00 for ten.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100.
DIGITALIS—FOXGLOVE

D. ambigua. June and July. 2 to 3 feet. A yellow-flowered Foxglove, quite hardy and easily grown.
D. gloxinæflora. June and July. 3 feet. An excellent variety ranging in color from white to deep pink.
D. monstruosa (Mammoth Foxglove). Long spikes, enormous flowers, mixed colors.
D. purpurea. June and July. 2 to 3 feet. Elegant spikes of beautiful tubular flowers of various shades of purple to white, and with variously colored, spotted throats.
D. var. alba. June and July. 2 ft. Pure white.
D. rosea. Pink. July. 3 feet.

ECHINACEA—CONEFLOWER

E. purpurea. A showy, strong-growing plant 2 to 4 feet high with flowers of great duration in August and September. Large, reddish purple flowers.

ERIGERON—FLEABANE

E. aurantiacus (Orange Fleabane). Large flowers of deep orange in large clusters.

ERYNGIUM—SEA HOLLY

E. amethystinum. July and August. 3 feet. Has handsome, spiny, laciniated foliage and heads of flowers of a lovely amethystine blue.

EULALIA—ORNAMENTAL GRASS

See Miscanthus

EUPATORIUM—THOROUGHWORT

E. celestinum (Mist Flower). Light blue flowers similar to Ageratum. Sept. 2 feet. Price: 35c each; $3.00 for ten.
E. urticaefolium (Snow Thoroughwort). White flowers. 3 to 4 feet. August and September. Price: 35c each; $3.00 for ten.

FESTUCA—FESCUE

F. glauca (Blue Fescue). Handsome, light, glaucous blue foliage. Fine for edging.

FILIPENDULA—MEADOWSWEET
F. Camtschatica (Spiraea Gigantea). July. White. 5 feet.
F. hexapetala (Spiraea Pendula). May and June. Creamy white. 1½ feet.

FUNKIA—PLANTAIN LILY
See HOSTA

GAILLARDIA—BLANKET-FLOWER
G. grandiflora. Flowers large, crimson and gold. 2 feet. Blooming all season.

GENTIANA—GENTIAN
G. Andrewsii (Closed Gentian). The closed flowers are borne on top of the stems. Intense deep blue. Prefers moist situation. July to October.

GERANIUM—CRANE’S BILL
G. sanguineum. Handsome, large, clear crimson flowers in profusion all Summer. 2 feet.

GEUM
G. Lady Stratheden. Large double flowers, a rich golden yellow from June to September. 2 feet. Price: 35c each, $3.00 for ten.

GYPSOPHILA—BABY’S BREATH
G. paniculata. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combina¬tion with other flowers.
G. paniculata fl. pl. Bristol Fairy. The flowers of this variety are very large. It makes an exceedingly handsome plant, and usually flowers two weeks earlier than the old variety. It is practically everblooming as a new crop of flowers will appear when the old flower stocks are cut off. Price each: 75c; $6.00 for ten.
G. repens. The creeping variety, suitable for rockery. White. 6 inches. June and July.

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100
HELENIUM—SNEEZEWORT
H. autumnale. Golden-yellow flowers during the late Summer and Autumn months. 5 to 6 feet.
H. rubrum. A bright terra-cotta red variety. Each 35c; $3.00 for ten.
H. Riverton Beauty. Rich lemon-yellow, black centre. August and September. 4 feet.
H. Riverton Gem. Deep yellow changing to red. On long stems. August and September. 5 feet.

HELIANTHEMUM—SUN ROSE

HELIANTHUS—SUNFLOWER
H. multiflorus fl. pl. soleil d'or. Deep yellow, large, double Dahlia-like flowers on wiry stems. 4 feet.
H. mollis. Thick velvety foliage with silvery tinge. Lemon-yellow flowers. August and September. 4 to 5 feet.

HELIOPSIS—OX EYE
H. helianthoides (laevis). Orange yellow. June to October. 4 feet.
H. Pitcheriana. July to September. 3 feet. A choice, dwarf variety, of great value for cutting all through the Summer. Showy, deep orange-yellow flowers.

HELEBORUS—CHRISTMAS ROSE

HELIOPSIS—OX EYE
H. helianthoides (laevis). Orange yellow. June to October. 4 feet.
H. Pitcheriana. July to September. 3 feet. A choice, dwarf variety, of great value for cutting all through the Summer. Showy, deep orange-yellow flowers.

HEMONCALLIS—DAY LILY
H. flava (Yellow Day Lily). The best known variety, very fragrant, deep lemon-yellow flowers in June and July. 2½ to 3 feet.
H. fulva (Tawny Day Lily). Flowers orange. 2 to 3 feet. July and August.
H. fulva Kwanso fl. pl. Double orange. July and August. 3 feet.
H. Thunbergii. The latest to flower, rich buttercup-yellow, funnel-shaped flowers throughout July. 4 feet.

HEMEROCALLIS—Betcher's Hybrids
Choice later flowering hybrids of great beauty.
Price: $2.00 each; $18.00 for ten.
Cressida. Orange. Middle of July.
Gypsy. Deep orange. Late.
J. A. Crawford. Apricot yellow. Middle of July.
Lemon. Pale lemon yellow.
Modesty. Pale yellow. Late July.
Mrs. A. H. Austin. Deep golden yellow.
Mrs. W. H. Wyman. Light golden yellow.

HIBISCUS—MALLOW
H. Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors.
H. moscheutos (Swamp Rose Mallow). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.
H. oculiroseus (Crimson Eye Rose Mallow). Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

HOLLYHOCK—ALTHEA
See ALTHEA

HOSTA—PLANTAIN LILY
Hardy plants with Lily-like flowers, forming dense clumps of foliage. They thrive in almost any rich soil with ample moisture, either in sun or shade.
H. lancifolia. August. 2 feet. Deep green, lanceolate foliage and spikes of lilac flowers.
H. var. undulata variegata. A form with undulate foliage, handsomely variegated with white. A fine foliage and edging plant.
H. ovata. June. 2 feet. Elegant, broad, glossy, deep green foliage, vigorous growth, large spikes of lilac, trumpet-shaped flowers.
H. plantaginea grandiflora (subcordata grandiflora). July to September. 2 feet. A fine pure white, large, trumpet-flowered and exceedingly fragrant species, with handsome, broad, light green foliage. Price: 50c each, $4.50 for ten, $38.00 per 100.

IBERIS—CANDYTUFT
I. sempervirens (Evergreen Candytuft). May and June. Of spreading habit; flowers pure white, completely covering the plant with bloom; one of the finest border plants. 1 foot.
I. Sempervirens var. Snowflake. Snowy white flowers, compact growth, splendid for rock gardens. 6 in. Price: 35c each, $3.00 for ten.
I. tenoreana. Foliage and stems hairy. The flat flower clusters are purple. 6 in. Price: 35c each, $3.00 for ten.

INCARVILLEA
I. Delavayi. Flowers large trumpet-shaped, produced in clusters on stems 1½ to 2 feet long. Color is rose. Price: 50c each, $4.00 for ten.
GERMAN IRIS

German Iris is among the most desirable and most easily grown of our Spring-flowering hardy plants, producing in May showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. German Iris needs sweet soil. In the following descriptions, S signifies the standards, or erect petals, F the falls, or drooping petals.

For Collections see page 136

Alcazar. S, light-bluish violet. F, deep purple with bronze veined throat. Each 50c; $4.00 for ten.


Aurea. S and F, clear rich yellow. Each 30c; $2.50 for ten.


Caprice. S, rosy red. F, deeper rosy red, very handsome. Each 30c; $2.50 for ten.

Eldorado. S, yellowish bronze, shaded with heliotrope. F, purple, shaded bronze. Each 35c; $3.00 for ten.

Fairy. S and F, white, delicately bordered and suffused pale blue. The tallest standard variety giving a white effect. Not new but not known or appreciated as it should be. 40 in. Each 30c; $2.50 for ten.

Florentina. S and F, pale-blue. Each 30c; $2.50 for ten.

Foster's Yellow. S and F, creamy yellow. Each 30c; $2.50 for ten.

Gagus. S, light yellow. F, crimson, verticulated white and yellow, with clear yellow. Each 30c; $2.50 for ten.


Her Majesty. S, rose-pink. F, crimson. Each 35c; $3.00 for ten.


Lohengrin. S and F, deep violet mauve. Each 50c; $4.00 for ten.


Lorelei. S, light yellow. F, blue, bordered yellow. Each 35c; $3.00 for ten.


Mme. Chereau. White, margined with blue. Each 30c; $2.50 for ten.

Mrs. Allan Gray. Delicate pale rose mauve. Each 50c.

Mrs. Gladstone. S, white. F, tipped dark-purple and white striped. Each 30c; $2.50 for ten.

Mrs. Neubronner. Very deep, golden yellow. Price each 35c; $3.00 for ten.

Mithras. S, light yellow. F, wine-red, bordered yellow. Each 50c; $4.00 for ten.

Mother of Pearl. S and F, pale bluish lavender, with faint creamy undertone. Large flowers of perfect form. Tall, strong grower, producing its wonderful flowers very freely. Each 75c; $6.50 for ten.


Pallida Dalmatica. S, clear lavender-blue. F, deep lavender. Each 35c; $3.00 for ten.

Pallida Khedive. Soft lavender with distinct orange beard. Each 30c; $2.50 for ten.


Queen Caterina. S and F. A midseason variety of beautiful clear orchid-purple veined with brilliant gold; enhanced with a bright orange beard. Each 75c; $6.50 for ten.

Queen of May. S and F, bright rosy-lavender. Each 30c; $2.50 for ten.

Rhein Nixe. S, pure white. F, violet-blue edged white. Each 35c; $3.00 for ten.

Sherwin Wright. Rich golden yellow. Each 35c; $3.00 for ten.

Wyoming. S, creamy white suffused delicate soft rose. F, deep rose base shading to a pale rose border. Each 35c; $3.00 for ten.

Mixed. All colors. Each 30c; $2.50 for ten.

A SPLENDID BOOK
IRISES by F. F. ROCKWELL
$1.10 Postpaid
INTERMEDIATE IRIS

Gerda. S, creamy yellow. F, darker yellow, veined. Each 35c; $3.00 for ten.
Halfdan. S and F, creamy white, large flowers. Each 35c; $3.00 for ten.
Helge. S and F, lemon yellow, pearly shading. Each 35c; $3.00 for ten.
Ingeborg. Pure white, very large flowers. Each 35c.

JAPANESE IRIS

Price: Named Varieties, 50c each; $4.00 for ten; $36.00 for 100. Mixed colors: 30c each; $2.50 for ten; $20.00 for 100.
Circe. Double dark violet blue, finely lined with white.
Gold Bound. Double white, enriched by a creamy glow from the gold banded center.
Hercule. Double clear lilac blue.
Mahogany. Large double flowers. Purpled mahogany red. The erect petals crested.
Melpomene. Double, soft blue, veined with dark blue.
Koki-No-Iro (Purple and Gold). Very double flowers often ten inches across, early and free-flowering; rich violet purple with white petals, tipped violet. Conspicuous golden throat.
Ski-No-Ryo. Double blue and white.
Uchiu. Beautiful large flowers, on very long stems. Cerulean blue with golden center and white. One of the finest.
Zama-No-Mori. White, with a heavy azure blue zone. One of the daintiest of the delicate toned varieties.

MISCELLANEOUS IRIS

Price: 30c each; $2.50 for ten, except as noted.
Iris pumila. This interesting group of dwarf-growing Irises furnishes us with valuable material for borders and edgings. They grow about nine inches high and bloom profusely.
Atroviolacea. Violet mauve to maroon red, very rich and valuable for planting as border of taller varieties.
Aurea. Very effective. Light yellow.
Bride. S and F. White, with light green and yellow veins. Flowers are large and showy.
Coerulea. A beautiful shade of pale blue, tinged with purple; very fine, specially in combination with the yellow and white varieties.
Sambo. A very fine variety, somewhat taller than the others. S and F. a pure yellow.
I. cristata (Crested Iris). Dwarf, with blue flowers.
I. Chrysographes (Goldvein Iris). A beautiful Iris growing 3 feet, with purple flowers, more like the Japanese, flowers in July. Each 50c; 4.50 for ten.
I. Pseudacorus. June. 4 ft. The common yellow Water-Flag, suitable for marshes and water courses.
I. Siberica orientalis Snow Queen. Flowers pure white.
I. Versicolor. Very showy violet blue.
HARDY PERENNIAL PLANTS


LATHYRUS—PERENNIAL PEA
L. latifolius. Large flowers similar to the annual sweet pea. Colors: White, purple and rose.

LAVANDULA—LAVENDER
L. officinalis (vera). This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

LIATRIS—GAY FEATHER
L. pycnostachya. Spikes of light, rosy-purple flowers. 5 feet.

LIMONIUM—SEA-LAVENDER
L. latifolia. (Statice). Minute bright blue flowers produced in broad heads 18 to 20 inches across, adapted to cutting, as they keep long after being dried, and are very showy. 1 to 2 feet. July to September.

LINUM—FLAX
L. flavum (Golden Flax). Handsome light yellow flowers. 1 foot. June and July.
L. perenne. May to August. 18 inches. Handsome, light blue flowers.

LOBELIA—CARDINAL FLOWER
L. cardinalis. August and September. 3 feet. One of the finest scarlet hardy plants we have, and of easy cultivation, even in clay soils.
L. siphilitica. September. 2 1/2 feet. Close spikes of showy, deep blue flowers.

LUPINUS—LUPIN
L. polyphyllus. June and July. 2 to 5 feet. Deep blue, pea-shaped flowers in long spikes.
L. var. albus. July and August. 4 feet. The white variety, fine, bold, showy.
L. var. rosa. Strong spikes of soft rose-pink flowers. 3 feet.
L. Sutton’s Pink. New, strong spikes of Salmon pink flowers. Price each: from 3 in. pots, 50c; $4.50 for ten.

LYCHNIS—CAMPION
L. chalcedonica. A most desirable plant, heads of brilliant orange-scarlet, grows 2 to 3 feet high and blooms all Summer.
L. coronaria (Rose Campion). June to August. Rose crimson flowers. 2 feet.
L. floscuculi (Ragged Robin). May to August. Loose clusters of red or pink flowers. 1 to 2 feet.
L. flos Jovis (Flower of Jove). June and July. Forms a pretty, symmetrical bush, with soft downy foliage, and clusters of bright rose colored flowers. 12 to 18 inches.
L. Haageana. Brilliant orange-scarlet flowers in May and June. 12 inches.
L. viscaria splendens fl. pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double rose pink, fragrant flowers.

LYSIMACHIA
L. cletheroides. A very hardy variety, with long spikes of white flowers. 2 feet. July to September.
L. nummularia (Money-wort). June to September. 2 inches. Deep yellow flowers. Excellent to cover bare spots in partial shade. Price: 25c each, $2.20 for ten, $18.00 for 100.

LYTHRUM
L. salicaria roseum. (Rose Loose-strife). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September.

MALVA—MALLOW
M. moschata. June to September. 2 feet. Fragrant flowers in clusters of a rosy tint, and very showy.

MAMMILLARIA
M. peperita (Mint).
M. spicata (Spearmint).

MERTENSIA
M. Virginica (Virginia Bluebells). The funnel shaped flowers are of a beautiful blue, coming into bloom with the Darwin Tulips. They should not be disturbed when once planted.

MISCANTHUS—EULALIA
M. sinensis (Eulalia Japonica). Ornamental grass, foliage light green. 5 to 6 feet. Price: 35c each, $3.00 for ten.

MONARDA—BEE BALM
M. didyma. June to September. 3 feet. Large, brilliant scarlet flowers in profusion.
M. Cambridge scarlet. Bright scarlet flowers.

MYOSOTIS—FORGET-ME-NOT
M. scorpioides (The True Forget-me-not). Delicate blue flowers with yellow centres, appearing all Summer.

N. mussini. An excellent plant for the rock garden. It is compact and dwarf, producing a large number of lavender flowers. Price: 35c each, $3.00 for ten.

OENOTHERA—EVENING PRIMROSE
O. fruticosa Youngi. June to August. 2 feet. A useful border plant, exceedingly free, with golden yellow flowers.
O. Missourensis. Large, yellow flowers. June to August, 10 inches. Each, 35c; $3.00 for ten.
O. speciosa. May to September. 2 feet. A splendid border plant, with large, pure white flowers.

PACHYSANDRA—JAPANESE SPURGE
P. terminalis. An attractive evergreen trailing plant, thriving in almost any location. A most desirable cover plant for shaded spots. Price: 30c each, $2.50 for ten; $18.00 for 100.

Papaver Nudicaule
PAEONIES

Paeonies should be planted in good, rich, deep soil, after which they require less attention than any other class of flowering plants. They are perfectly hardy and their remarkable freedom from disease and insects makes them most desirable. In color the Peony rivals the Rose in beauty, ranging from pure white to darkest red.

**CHOICE JAPANESE SINGLE PAEONIES**

- **Rosea plena superba.** Delicate pink and salmon, very full flower. Each, 75c.
- **Rubra superba.** Dark crimson, good form and color, late. Each, 75c.
- **Sara Bernhardt.** Very large, beautifully formed flowers. Delicate shell pink. Late. Each, $3.50.
- **Solange.** Delicate orange salmon, overlaid with tender blush; an unusual shade, not found in any other Paeony. Very large and full. One of the finest. Midseason. Each, $3.50.
- **Tenuifolia fl. pl.** Dark crimson, very early, finely cut foliage. Each, $2.50.
- **Therese.** Satiny pink, changing to lilac white in the centre with glossy reflex, enormous compact flowers. One of the best pink Paeonies. Midseason. Each, $3.50.
- **Walter Faxon.** Pure light salmon pink, deepening toward center, very distinct and unusual shade. Midseason. Each, $5.00.

**PAPAVER—POPPY**

There is no class of hardy plants which has risen so much in public favor as the perennial Poppies, all of which are most striking and useful. They flower from the beginning of June to October.

- **P. nudicaule (Iceland Poppy).** All Summer. Flowers of a bright cheerful yellow. 1 foot.
- **P. orientale.** June. 3 feet. The large Oriental Poppy. A bold and showy perennial, producing numerous slender stems 2½ feet high, with large, crimson-scarlet flowers.
- **P. or. var. Goliath. Oriental-red. Price: 35c each, $3.00 for ten.**
- **P. or. var. Mrs. Perry. Salmon-pink. Price: 35c each, $3.00 for ten.**
- **P. or. var. Oriflamme. Orange-scarlet. Price: 35c each, $3.00 for ten.**
- **P. Torreyi. July. 4 feet. Stately, brilliant, with long, loose panicles of bright scarlet flowers.**

**PHYSALIS—LANTERN PLANT**

P. Francheti. October. 2 feet. Large red pods.

**PHYSOSTEGIA—FALSE DRAGON-HEAD**

P. Virginiana. One of the most beautiful of our midsummer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate pink tubular flowers.

**PLATYCODON—BALLOON FLOWER**

P. grandiflora. July to October. 1 to 3 feet. Large, showy, deep blue flowers.

**POLEMONIUM**

HARDY PERENNIAL PLANTS

HARDY PHLOX

For Collections see page 136

Africa. Carmine-purple, blood-red eye.
Annie Cook. Flesh-pink, fragrant.
Beacon. Brilliant cherry-red. Each 35c; $3.00 for ten.
Blue Hill. Light violet.
Bridesmaid. White, crimson centre.
Coquelicot. Scarlet, crimson eye.
Daybreak. A beautiful delicate pink. Each 50c; $4.00 for ten.
Debs. Bright fiery crimson. No other red Phlox like it. Each 40c; $3.50 for ten.
Eclaireur. Rosy magenta.
Elizabeth Campbell. Light salmon, pink centre. Each 35c; $3.00 for ten.
Enchantress. Bright salmon-pink, with dark red eye. Each 35c; $3.00 for ten.
F. A. Buchner. Large, pure white.
Fernand Cortez. Deep crimson.
Gladstone. Large, rose color, red eye.
Glenwood. Clear bright red.
Jeanne d'Arc. Pure white, tall.
Le Mahdi. Deep velvety purple, large spikes. Each, 35c; $3.00 for ten.
L'Esperance. Lavender pink, white centre.
Maid Marion. Soft lavender.
Mme. Paul Dutrie. Soft pink.
Miss Lingard. Early, white, tall.
Nana Cœrulea. Lavender blue.
Pantheon. Bright carmine-rose.
Rheinlander. Salmon-pink, claret eye.
R. P. Struthers. Purplish salmon.

Rosenberg. Reddish-violet.
Rynstrom. Strong grower, heavy trusses of carmine rose.
Selma. Pink, cherry-red centre.
Stella's Choice. Pure white, tall.
Thor. Beautiful shade of deep salmon pink with red eye.
Victor Heurin. Bright salmon-pink.
Von Lassburg. Splendid tall variety, large trusses, pure white.
W. C. Egan. Delicate lilac.

OTHER VARIETIES OF PHLOX

Price: 25c each, $2.20 for ten, $18.00 for 100.
P. amena. Dwarf, deep pink. Each, 30c; $2.50 for ten. $20.00 for 100.
P. divaricata. Blue phlox. Price each: 40c, $3.00 for ten, $25.00 for 100.
P. ovata. Purplish-red. Each, 30c; $2.50 for ten, $20.00 for 100.
P. subulata. Moss pink.
P. var. alba. White.

POLYGONATUM—SOLOMON'S SEAL

P. commutatum. Paniced racemes of drooping flowers on very long stems. 2 to 3 feet.

PRIMULA—PRIMROSE

P. officinalis hybrida (Cowslip). April and May. 6 to 12 inches. These vary in color ranging from crimson to deep yellow and pure white. They are more at home in a frame.
P. veris. A giant-flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy.
P. vulgaris (English Primrose). An old favorite, and should be found in every garden; one of the earliest Spring flowers; of bright canary-yellow; very fragrant.

PYRETHRUM—FEVERFEW

P. double hybrids. Double flowers including all shades of pink and white. Price each, 75c.
P. roseum. They include all colors from deep red, various shades of pink to pure white.
**RANUNCULUS—BUTTERCUP**


**RUDBECKIA—CONE-FLOWER**

*R. laciniata* var. *Golden Glow*. It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus-Dahlia-like flowers from July to September.

*R. speciosa* (Newmanni). Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems; 3 feet high. Flowers from July to October.

**SALVIA—MEADOW SAGE**

*S. argentea*. Grown for its large, ornamental, silvery-white foliage, flowers white. June. 2 feet.

*S. azurea*. A Rocky Mountain species, grows 2 to 3 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

*S. pratensis*. Showy spikes, 2 to 3 feet high, of deep blue flowers, from June to September.


**SANTOLINA**

*S. incana*. Dwarf evergreen perennial, foliage silvery white, flowers yellow; fine for rockery. July-August. 1½ to 2 ft.

**SAXIFRAGA**

*S. cordifolia* (Heartleaf Saxifrage). Large, leathery foliage, deep green in Summer, turning to bronze in Winter. Fine plant for rockeries. Pink flowers on spikes about 1 foot long. Price: 35c each, $3.00 for ten.

**SCABIOSA**

*S. Caucasica*. July to September. 18 inches. Flowers soft, lilac-blue shade. It is a vigorous grower, thoroughly hardy, and very free blooming. 35c each, $3.00 for ten.

**SEDUM—STONE-CROP**

**DWARF VARIETIES**

*S. acre* (Golden Moss). Foliage green, flowers bright yellow. 

*S. album*. Green foliage, white flowers.

**ERECT, or TALL-GROWING VARIETIES**

*S. spectabile*. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and heads of handsome showy rosy-crimson flowers.

**TRAILING VARIETIES**

*S. dasyphyllum*. (Leafy stone crop). Dwarf compact variety. 35c each, $3.00 for ten.

*S. Hispanicum*. Foliage greenish gray turning reddish. Flowers pinkish white. 3 to 4 inches.

*S. lydium*. Evergreen variety, foliage bronze, flowers pink. Price each, 35c; $3.00 for ten.

*S. stoloniferum*. A flat trailing variety pink flowers.

**SHASTA DAISIES**

Alaska. Large pure white. All Summer.

King Edward. White. 3 ft. All Summer.

**SIDALCEA**

*S. var. Rosy Gem*. Showy pink flowers on wiry stems in June and July. 2 to 3 feet.

**SPIRÆA—GOAT'S BEARD, see ASTILBE**

Prices except as noted: 30 cents each; for 5 or more of one variety 25 cents each; $20.00 for 100
TRILLIUM—WOOD-LILY
T. grandiflorum. May. 9 inches. Large white flowers which are very handsome. Can be domesticated in any garden, and is worthy of culture everywhere. Price: 25c each, $2.20 for ten, $18.00 for 100.

TRITOMA—see Kniphofia

TROLLIUS—GLOBE FLOWER
Price: 50c each, $4.00 for ten, $36.00 for 100.
T. Europaeus. Large, globular, lemon-colored, buttercup-like flowers on long stems. 18 inches.

TUNICA
T. saxifraga. June to August. 6 inches. A good rock plant, with small, rosy white flowers and delicate foliage.

VALERIANA
V. officinalis (Garden Heliotrope). Showy heads of light pink flowers. Fragrant foliage deeply cut. 3 to 4 feet. June-July.

VERONICA—SPEEDWELL
V. longifolia subsessilis. August and September. 2 feet. Flowers in dense, erect spikes, a foot in length and from 4 to 5 inches in circumference, of a deep, rich blue. 40c each, $3.50 for ten.
V. repens (Creeping Speedwell). Fine for rockeries covered with blue flowers in early Spring. 35c each, $3.00 for ten.
V. spuria (amethystina). June. 12 inches. Flowers amethyst-blue, on short spikes.
V. spicata. June to August. 2 to 3 feet. Long spikes of small, blue flowers.
V. rupestris. May and June. 4 inches. Creeping habit, and one of the best for carpeting rockeries or bare places. Flowers showy blue in dense spikes.

A Charming Hardy Perennial Garden

VINCA—MYRTLE
Vinca minor. April to June. Of a creeping habit, with evergreen foliage and bright flowers; finely adapted to covering bare spots and very shady places where grass will not grow. Green foliage; strong-grower; flowers blue. Price: 25c each, $2.20 for ten, $15.00 for 100.

VIOLA—VIOLET
V. cornuta. April to August. 9 inches. Dark purple.
V. var. alba. April and May. 6 inches. Large, white-flowered variety and constant bloomer. Useful as a border plant.
V. var. atropupurea. All Summer. 8 inches. Identical with the type, except that the flowers are a rich dark purple.
V. odorata (Double Russian). A hardy variety with large double flowers early in the Spring, very fragrant.
V. Jersey Gem. A recent introduction. Has the dwarf habit of Viola cornuta, but is stronger and more bushy. Color is pure rich velvet, and slightly fragrant. Perfectly hardy. Price: 35c each, $3.00 for ten, $20.00 for 100.

VIOLAS or TUFTED PANSIES
Price: 25c each, $2.20 for ten, $18.00 for 100.
Admiration. Soft purple, with dark blotch.
White Perfection. A fine white.

YUCCA—ADAM’S NEEDLE
Y. filamentosa. Immense clusters of creamy flowers. 4 to 5 feet. June and July. Price: 35c each, $3.00 for ten.

PERENNIAL ROCK PLANTS
RARE AND UNUSUAL PLANTS FOR ROCK GARDENS
A persistent demand for a greater variety of rock plants has made it advisable for us to add an entirely new section to our catalog. Most of the better-known perennials suitable for rock work will be found in the perennial plant section, pages 137 to 150 inclusive, but the newest and rarest rock plants of recent introduction, many of which are now available for the first time, will be found at the front of this catalog immediately following the Nursery Specialties.
SUMMER BEDDING PLANTS

Pot-grown for planting after the first of May

ABUTILON
Free flowering tender shrubs. For twelve, $3.00; for 100, $20.00.

AGERATUM—FLOSS FLOWER
Frazeri. Choice dark-blue. For twelve, $1.50; for 100, $10.00.

ALYSSUM—SWEET ALYSSUM
Little Gem. Dwarf white for edging. For twelve, $1.00; for 100, $7.00.

ANTIRRHINUM—SNAPDRAGON
Breck's Large Flowered. In colors pink, scarlet, white and yellow. For twelve, $1.50; for 100, $10.00.

ASTERS
American Branching. White, pink, blue, scarlet. For twelve, 50c; for 100, $3.50.
Breck's California Giant. White, peach blossom, light blue, deep rose, light purple, dark purple and mixed. See colored page opposite page 16. For twelve, 75c; for 100, $5.00.

BEGONIA
Gloire de Chatelaine. Rose-color. For twelve, $2.00; for 100, $15.00.
Gracilis. White, red, and pink. For twelve, $2.00; for 100, $15.00.
New Scarlet (Bonfire). For twelve, $2.00; for 100, $15.00.

BEGONIA, TUBEROUS ROOTED
See colored page opposite page 96.
Single Flowered. Separate colors or mixed. Each 50c; for twelve, $5.00; for 100, $40.00.
Single Frilled. Separate colors and mixed. Each 60c; for twelve, $6.00; for 100, $50.00.
Double Flowered. Separate colors and mixed. Each 60c; for twelve, $6.00; for 100, $50.00.

BELLIS PERENNIS—DAISY
English. Finest mixed. For twelve, $1.50; for 100, $10.00.

CALADIUM—ELEPHANT'S EAR
Esculentum. Strong plants. For twelve, $2.50; for 100, $25.00.

CALENDULA—POT MARIGOLD
Breck's Giant Orange. For twelve, $1.50; for 100, $10.00.
Ball's Gold. For twelve, $1.50; for 100, $10.00.
Lemon Queen. For twelve, $1.50; for 100, $10.00.

CANNAS
For twelve, $3.00; for 100, $18.00.
City of Portland. Deep rose pink; green foliage. 3½ feet.
Gladiator. Deep yellow, spotted red; green foliage. 4½ feet.
Gold Bird. Intense golden-yellow; green foliage. 4 feet.
Hollywood. Orange-pink shading to salmon; green foliage. 4 feet.
King Mercer. Pure yellow, slightly tinged orange; green foliage. 4 feet.

CELOSIA—COCKSCOMB
Dwarf. Crimson or yellow. For twelve, $1.50; for 100, $10.00.
Plumosa. Crimson or yellow. For twelve, $1.50; for 100, $10.00.
SUMMER BEDDING PLANTS

CENTAUREA
Candidissima. (Dusty Miller). Silvery foliage. For twelve, $1.50; for 100, $10.00.
Cyanus. (Bachelor’s Button). Blue. For twelve, $1.50; for 100, $10.00.

COBEEA—CUP-AND-SAUCER VINE
Scandens. Rapid climbers, 12 feet. For twelve, $3.00; for 100, $20.00.

COLEUS—FLAME NETTLE
For twelve, $1.50; for 100, $8.00.

COSMOS
Breck’s Midsummer Giant. White, pink and red. For twelve, $1.50; for 100, $10.00.

CUPHEA—CIGAR PLANT
Platycentra. Scarlet tube-shaped flowers. For twelve, $2.00; for 100, $12.00.

CYNOGLOSSUM
Amabile (Chinese Forget-me-not). Blue flowers resembling forget-me-nots. 18 inches. For twelve, $1.50; for 100, $10.00.

DIPLACUS
Glutinosus (Mimulus glutinosus). Lovely flowers of soft apricot-yellow, foliage of bright glossy green. 1931 novelty. For twelve, $7.50; for 100, $50.00.

DRACAENA INDIVISA
Choice Selected Plants. Each 75c. Larger Plants. Each, $1.00.

FUCHSIA
Various Colors. Double and single. For twelve, $3.50; for 100, $25.00.

GERANIUMS
Prices: $3.00 for twelve, $20.00 for 100.
Alliance (Double, Ivy-leaved). Lilac white.
Alphonse Ricard (Semi-double). Bright vermilion-scarlet.
Annie Vincent (Semi-double). Bright pink.
Fiat (Semi-double). Salmon-pink.
La Favourite. The finest double white, continuous bloomer.
Mme. Salleroi. Variegated-leaved; dwarf, for borders and edging.
Pink Beauty (Semi-double). Light pink, white center.
Radio Red (Double). Dazzling, dark scarlet.
Rycroft’s Surprise (Ivy-leaved). Clear rose-pink.
S. A. Nutt (Double). Rich, dark crimson, free flowering.
Sweet Scented. Rose, Lemon, etc.

HELIOTROPE
Centefleur. Rich, deep violet. For twelve, $2.50; for 100, $15.00.

IVY
English. Small pot-plants for window-boxes. In 4-inch pots, 75c each; $7.50 for twelve. Larger plants, $1.00 to $3.00 each.
German. For hanging-pots or window-boxes. For twelve, $3.00.

LANTANA
Delicata. Rosy purple. For twelve, $2.50; for 100, $15.00.
Craigi. Rich orange-scarlet. For twelve, $2.50; for 100, $15.00.
Mere Jaune. Deep golden-yellow. For twelve, $2.50; for 100, $15.00.
Rosea. Rosy-lilac. For twelve, $2.50; for 100, $15.00.

LEMON VERBENA
Fragrant foliage. For twelve, $3.00; for 100, $18.00.

LOBELIA
Crystal Palace compacta. Dwarf dark-blue. For twelve, $1.50; for 100, $10.00.
Gracilis. Trailing dark blue. For twelve, $1.50; for 100, $10.00.

MARGUERITE
White and Yellow. For twelve, $3.50; for 100, $25.00.
MARIGOLD
Dwarf French Mixed. For twelve, $1.50; for 100, $10.00.
Breck's Sunburst. Lemon and orange. For twelve, $1.50; for 100, $10.00.

MATRICARIA—FEVERFEW
Double White. Free flowering. For twelve, $2.00; for 100, $15.00.

MIGNONETTE
Breck's Selected Machet. Sweet scented. For twelve, $1.50; for 100, $10.00.

MYOSOTIS—FORGET-ME-NOT
Alpestris Victoria. For twelve, $1.00; for 100, $8.00.

NICOTIANA—TOBACCO PLANT
Affinis. Pure white flowers. For twelve, $1.50; for 100, $10.00.
Sanderæ Hybrids. Mixed colors. For twelve, $1.50; for 100, $10.00.

PANSIES
Giant. Mixed or in colors. Baskets, 35c each; plants, for twelve 50c; for 100, $4.00.

PETUNIA
Breck's Double Prize Mixed. Each 25c; for twelve, $2.50; for 100, $18.00.
Breck's Ruffled Giants. Single, fine markings. See colored page opposite page 17. For twelve, $2.00; for 100, $15.00.
Rosy Morn. Bright rosy-pink. For twelve, $1.50; for 100, $9.00.
Breck's Velvety Violet. A great acquisition to the Petunia family; must be seen to be appreciated. For twelve, $2.00; for 100, $15.00.
Mauve Queen. A beautiful variety of the type of Rosy Morn; color a deep lavender; very free flowering. For twelve, $2.00; for 100, $15.00.

PHLOX DRUMMONDI
Nana Compacta. Four colors. For twelve, $1.50; for 100, $10.00.

RICINUS—CASTOR OIL BEAN
Green or Red. For twelve, $2.00; for 100, $15.00.

SALPIGLOSSIS
Mixed or separate colors. For twelve, $1.75; for 100, $12.00.

SALVIA—SCARLET SAGE
America. Bright scarlet. For twelve, $1.75; for 100, $10.00.
Splendens Bonfire. For twelve, $1.75; for 100, $10.00.

SCABIOSA—MOURNING BRIDE
Finest Mixed. For twelve, $1.50; for 100, $10.00.

STOCKS—CUT-AND-COME AGAIN
Breck's Perfection. In colors. For twelve, $1.50; for 100, $10.00.
Breck's Apricot Beauty. Soft apricot. For twelve, $2.00; for 100, $15.00.

TORENIA
Fournieri. Dwarf blue, for edging. For twelve, $1.75; for 100, $12.00.

VERBENA
Breck's Mammoth. Pink, white, blue, scarlet. For twelve, $1.50; for 100, $10.00.
Mayflower. Exquisite pink of the shades found in the Trailing Arbutus. 25c each; $2.50 for twelve.
Beauty of Oxford. A splendid sort with carmine flowers. 25c each; $2.50 for twelve.

VINCA—PERIWINKLE
Major Variegata. Variegated-leaved trailer for vases and boxes. 4 inch pots.
Each 40c; for twelve, $4.50; for 100, $30.00.
Rosea. Bright rose. For twelve, $2.00; for 100, $15.00.
Rosea Alba. Pure white. For twelve, $2.00; for 100, $15.00.

WALLFLOWER
Mixed colors. For twelve, $2.00; for 100, $15.00.

ZINNIA
Breck's Giant. White, pink, yellow, and scarlet. For twelve, $1.50; for 100, $10.00.
Lilliput. Dwarf plants of compact branching habit. Crimson, golden yellow, salmon-rose and scarlet. For twelve, $1.50; for 100, $10.00.
FRUIT TREES AND SMALL FRUITS

The ground in which fruit trees are to be planted should be well drained, and well prepared by the addition of stable manure or fertilizer thoroughly mixed with the soil. Before planting the trees, see that all broken roots are properly pruned, and cut back all of the top branches to within two or three buds from the base of the shoot, thus lessening the strain upon the roots. Peaches should be pruned so as to leave just a single stem, with all side branches removed. In all cases have the holes dug sufficiently large to allow the roots to be spread out and with the tree held in upright position, work the soil carefully in among the roots. Water thoroughly before filling in the holes. Cherries, Peaches and Plums should be planted only in the Spring. Apples and Pears may safely be planted in the Autumn.

APPLES

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. All Apples are furnished in Standard sizes unless Dwarf trees are specified. Varieties marked O supplied also in Dwarf trees at the same price. Prices except as noted: 2 year trees, 5 to 7 ft. $1.00 each, $9.00 for ten, $80.00 for 100; Extra size 3 years and older $3.00; varieties on application.

SUMMER

Early Harvest. Moderate growth, medium to large; yellow, tender, rather acid. Ripens in August.
Golden Sweet. Free growth, large, yellow, tender, sweet, rich. Ripens in August and September.
Red Astrauchan. Free growth, large, roundish, deep crimson, juicy, rather acid, very hardy; highly esteemed on account of its fine appearance, earliness, and hardiness. Ripens in August.
Williams’ Favorite. Moderate growth, large, oblong, red, rich, excellent. Ripens in August.
Yellow Transparent. A very early apple; very hardy and a good grower, skin a beautiful pale yellow, the fruit a good size. Ripens early in August.

AUTUMN

Duchess of Oldenburg. Vigorous growth, large, striped, tender, juicy, regular and abundant bearer. One of the hardest kinds known. Ripens in September.
Fameuse or Snow. Vigorous growth, medium, deep crimson, tender, subacid, melting, delicious, hardy. One of the best dessert Apples. Ripens November to January.
Gravenstein. Vigorous growth, very large, striped, juicy, tender, crisp, rich, subacid. Ripens September and October.
Maiden’s Blush. Free growth, large, yellow and red, tender, juicy, subacid. Ripens September and October.
Pippin. Free growth, very large, yellow, tender, rich. Ripens October to December.
Porter. Moderate growth, medium to large, yellow, fine grained. Ripens in September.

WINTER

Baldwin. Vigorous growth, large, bright red, crisp, juicy; the most popular and profitable market sort in the East. Ripens December to March.
Cortland. An improved McIntosh Red. Ripens later than the McIntosh, fruit is larger and brighter in color, a splendid keeper.
Delicious. Fruit large with brilliant dark red skin, flesh fine grained, crisp and juicy; of very high quality, a splendid keeper and constant bearer. November to April.
Hubbardston. Free growth, large, striped red and yellow, tender, juicy, rich. Ripens November to January.
Jonathan. Medium growth, red and yellow, tender, juicy, and rich. Very productive. One of the best for table or market.
King. Vigorous growth, large, red-striped, tender, juicy, vinous. Ripens November to January.

CRAB APPLES

Price: $1.00 each, $9.00 for ten

Hyslop. Large size, dark crimson with bloom, very showy and the most beautiful of all the class. Hardy.
Transcendent. Of the largest size of this class, red, showy, excellent, handsome; one of the most desirable.
Cherries do well on dry soil and can be trained in any form required. Price: 6 to 7 ft. $1.50 each, $12.50 for ten

**HEARTS and BIGARREAUS**

**Black Tartarian.** Vigorous growth, very large; purplish black; one of the best. Ripens end of June.

**Governor Wood.** Vigorous growth, medium, clear light red, tender and delicious. Ripens end of June.

**Napoleon.** Vigorous growth, very large, pale yellow with red cheek, firm, juicy, and sweet. Ripens first of July.

**Schmidt’s Bigarreau.** One of the best sweet cherries. Fruit is very large, deep black; flesh dark and tender, very juicy, July.

**Windsor.** Vigorous growth, large, liver-colored, very firm; a valuable variety, hardy. Ripens end of July.

**Yellow Spanish.** Vigorous growth, large, pale yellow, with red cheek, firm, juicy, and delicious. Ripens end of June.

**DUKES and MORELLOS**

**Early Richmond.** Medium size, dark red, juicy, rich acid flavor. The stone adheres to the stem. One of the most productive.

**Montmorency.** A Cherry of the Richmond class, but larger, more solid, and more upright; equally hardy and a heavy cropper. Ripens from seven to ten days later than the Richmond, entirely escaping danger from Spring frost.

**Morello (English).** Large, dark red nearly black, tender, juicy, subacid; valuable for preserves; tree small, slender growth, productive.

**PEACHES**

The following varieties have been selected out of hundreds, the better ones only being chosen. They furnish a succession for about two months commencing the early part of August.

**Prices:** 5 to 6 ft. 75c each, $6.50 for ten

**Belle of Georgia.** Very large, skin white with red cheek; flesh white, of fine flavor. Ripens with the Crawford’s Early.

**Carman.** A new, hardy, rot-proof Peach. Large, round, pale yellow skin and red blush on sunny side; white flesh, sweet flavor.

**Champion.** Handsome creamy white with red cheek. It is of large size and of superior flavor. Ripens about August first, and has shown that it bears a full crop when others fail. Considered a great improvement over other white sorts.

**Crawford’s Early.** Very large, yellow, juicy, melting, freestone. Ripens early September.

**Crawford’s Late.** Very large, yellow, juicy, freestone. Ripens end of September.

**Elberta.** An exceedingly large, light-colored yellow Peach; juicy, well-flavored. Ripens early in August.

**Fitzgerald.** Fruit medium to large, round, yellow flesh. It is yellowish-green with red cheek. Ripens early September.

**Foster.** Large, resembling Crawford’s Early, but of better quality. Ripens early September.

**Greensboro.** A hardy, early peach ripening the latter part of July. Flesh white covered on one side with light and dark red, shaded with yellow.

**J. H. Hale.** No better peach has ever been introduced. It is larger than the Elberta, and ripens about a week earlier. Flesh is golden-yellow with deep scarlet blush.

**Mountain Rose.** Large, white and red, juicy. Ripens end of August.

**THE SPRAYING OF PEACH TREES**

While the trees are dormant, spray for scale with Commercial Lime Sulphur, one pint to each gallon of water. After blooming, when the tiny fruits begin to show, spray with a weak solution of Corona Arsenate of Lead (two level teaspoonsfuls to each gallon of water). In ten days repeat this spraying.

Not less than five of one variety sold at the 10 rate, 25 at the 100 rate
PLUMS

Price: 5 to 7 ft. $1.50 each, $12.50 for ten.

EUROPEAN TYPE

Lombard. Vigorous and very productive. Fruit large, oval dark purplish-red; flesh yellow and sweet. Ripens August and September.

Reine Claude (Bavay's Green Gage). Round; greenish-yellow; juicy, melting, sugary, rich; separates from the stone; tree very vigorous and remarkably productive. A valuable market Plum. Ripens last of September.

Shropshire Damson. Medium, dark purple, very productive; one of the best for preserving. Tree not a rapid grower. Ripens October.

Yellow Egg. A very large and beautiful egg-shaped Plum; a little coarse, but excellent for cooking; tree a free grower, very productive and hardy. Ripens August.

JAPANESE TYPE

Abundance. Skin beautiful lemon-yellow ground, nearly overspread with bright cherry, and with a heavy bloom; large to very large, oblong, tapering to a point; flesh orange-yellow, melting, rich, and highly perfumed; abundant and annual bearer; tree a very vigorous, upright grower. Has been thoroughly tested and is highly recommended. Ripens August.

Burbank. Large and beautiful, clear cherry red, with a thin lilac bloom; flesh a deep yellow, very sweet, with a peculiar and very agreeable flavor. The tree is a vigorous grower, with large broad leaves; usually begins to bear the second year after transplanting. Ripens end of August.

Red June. An early-ripening Japanese Plum; medium to large, roundish, conical; purplish-red; handsome, flesh yellow; quality good. Ripens first of September.

Satssuma (Blood). Large, globular, with sharp point. Color purple and red, with bloom; flesh firm, juicy, dark red, or blood-color, fine quality; pit very small. Ripens August.

Wickson. Originated by Burbank. A sturdy, upright grower; fruit remarkably handsome, deep maroon-red, covered with white bloom; stone small; flesh fine texture, firm, sugary and delicious; excellent keeper and shipper; will keep two weeks after ripening.

QUINCES

Price: 4 to 5 ft. $1.25 each, $11.00 for ten

Apple, or Orange. Large, roundish, bright golden yellow; very productive.

Champion. A vigorous and productive variety. Ripens very late.

Meech's Prolific. Remarkable for its early and regular bearing, and for productiveness—will bear when one or two years old. Fruit pear-shaped and of high quality.

Rea's Mammoth. A very large and fine variety of the Orange Quince.

HARDY GRAPES

Price: strong 2-year vines, 60c each, $5.00 for ten, $40.00 for 100

BLACK

Concord. Bunch and berries large, round, black, thickly covered with a beautiful bloom; flesh moderately juicy, sweet pulp; quite tender when fully ripe.

Moore's Early. Bunch and berry large, with a blue bloom; quality better than Concord; its size and earliness render it most desirable.

Worden. Bunches large, handsome; berries large, sweet. Ten days earlier than the Concord and superior to it in flavor; ripens well in cold localities.

RED and REDDISH PURPLE

Agawam (Rogers' No. 15). Large, tender, juicy, vinous; vine vigorous.

Caco. The most beautiful of all hardy grapes. Large red berries covered with a white bloom, very strong grower. Price each $1.00, $9.00 for ten.

Brighton. Large, handsome, and of the best quality; ripens early.

Delaware. Medium or small, but delicious; highly esteemed.

Salem (Rogers' No. 53). One of the best and most popular; ripens with the Concord.

WHITE

Moore's Diamond. Bunch large and compact; berry about the size of Concord; color greenish white, with a yellow tinge when fully ripe; flesh juicy and almost without pulp; quality very good; early, vine vigorous and productive.

Niagara. Bunch medium to large; berry large; skin thin but tough; slightly pulpy, tender, sweet; vine vigorous, healthy, and very productive; ripens with Concord. All things considered, it is probably the most valuable White Grape in cultivation.

DISTANCE BETWEEN FRUIT TREES OR BUSHES

Standard Apples: 30 to 40 feet apart each way. In poor soils 25 feet may be enough. Dwarf: 6 to 15 feet apart.

Standard Pears and Cherries: 20 feet apart each way. Cherries will do at 18 feet. Dwarf Pears: 10 to 12 feet apart each way. The greater distance is better.

Standard Plums, Peaches: 16 to 18 feet apart each way.

Quinces: 10 to 12 feet apart each way.

Blackberries and Raspberries: 18 in. apart in the rows. Rows to be 4 feet apart.

NOTICE

IN COOPERATION WITH THE FEDERAL AND STATE DEPARTMENTS OF AGRICULTURE, WE NEITHER GROW NOR SELL CURRANTS AND GOOSEBERRIES, AS THEY ARE HOST PLANTS TO THE WHITE PINE BLISTER.
BLACKBERRIES
The ideal crop for obtaining returns from poor lands. Yet the cultivation of the vines should not be neglected, and liberal fertilizing should be accorded. Mulching is of great advantage, especially in poor soils. Plant in rows 6 feet apart, the plants 3 feet apart in the rows. Trim with a view to obtaining a crop of excellent berries from a few strong shoots to a plant rather than from many weak ones.

Price: $1.50 for ten, $8.00 for 100

Blowers. Large round berries, very firm.
Eldorado. This splendid variety is, perhaps, the best ever produced. It stands when other varieties are Winter-killed; has never failed to produce enormous crops of its very large jet-black fruit, which is sweet, melting and keeps well after picking.
Rathbun. The fruit is borne in clusters and is easily gathered; berries very large, color intense black, with a high polish; pits very large, with small seeds; flesh juicy, high-flavored, sweet, and delicious.
Snyder. A marvel for productiveness, fruit medium size, sweet and melting to the core. The plant is extremely hardy.

RASPBERRIES

Price: $1.50 for ten, $8.00 for 100.

Columbian. A new variety of great promise. It is a very vigorous grower and very hardy. Fruit purple and delicious for table or canning; an excellent shipping variety.
Cumberland. Strong growing variety. Fruit very large, black; ripens quite early; hardy and productive.
Cuthbert. Large, dark crimson berries of firm texture; slightly acid and of excellent quality; a certain cropper, always to be recommended.
Erskine Park. This new Everbearing red raspberry is described by the U.S. Department of Agriculture as surpassing all other late-bearing sorts. The plants are very hardy; fruit large and firm.
Golden Queen. Large, yellow fruit of highest quality and best size; hardy and productive; fine either for home use or for shipping purposes.
King. Fruit is of good size, bright red, and of fine quality; ripens early.
Latham. This variety is a strong grower, hardy and very productive. Fruit is of large size, deep red in color, and of delicious flavor.
Plum Farmer. Strong grower. Fruit large, grayish black and firm. They ripen early and are perfectly hardy.

STRAWBERRIES

For best growth Strawberries require light fibrous or sandy loam, well enriched, with plentiful moisture during the bearing season. The plants should be set 12 to 15 inches apart, in rows 2½ to 3 feet apart. They should be kept free from weeds, and mulched with straw or litter in Winter. Fruit is borne the year after planting. Varieties in the following list are perfect flowering and may be planted without a mixture of other varieties for fertilizing purposes. Price for Layer plants for Spring planting: 50c for ten, $3.00 for 100, $25.00 for 1000.

Arabine. Extra early. Extra large, almost rust proof.
Commonwealth. Late. Large, conical, deep crimson fruit.
One of the best late varieties.
Early Ozark. Extra early. Produces large, dark red berries; very delicious.
Glen Mary. Late. Exceptionally valuable in New England.
Howard XVII. Midseason. About the size and style of Marshall.
Senator Dunlap. Early midseason. Dark red berries of medium size. The flesh is red all through, and exceedingly juicy.

FALL or EVERBEARING STRAWBERRIES

Price for Layer plants for Spring planting: 75c for ten, $4.00 for 100.

Mastodon. A strong growing, everbearing strawberry. It bears profusely in the early summer and is at its best late in the season. The berries are of good color, rather pointed, and look more like the regular summer strawberry than any other everbearing variety. Flavor is quite tart.
Progressive. This variety makes a vigorous growth, and produces immense quantities of berries. Blossoms should be kept picked off until about the middle of July. If this is done, a heavy crop can be obtained from about the first of August until heavy frost. The berries are of medium size and excellent quality.
Superb. The berries of this excellent variety are a little later than those of Progressive. The plants are about equal in vigor of growth, but do not produce so many berries per plant as Progressive. The quality, however, is excellent.
Write for Special Folder on Pot-Grown Strawberries.
**FERTILIZERS & CHEMICALS**

**PULVERIZED POULTRY MANURE**

**PREMIER BRAND**

Pulverized Poultry Manure is exceedingly soluble and lends itself readily to absorption. It is free from seeds which will germinate and produce weeds or other plants not desired. Every pound of Poultry Manure is subjected to an intense heat in passing through dryers, every germ is killed and all large seeds pulverized in milling. An ideal plant food for Flowers, Lawns, and Golf Courses. It has been thoroughly tried under glass and in the field. Applied in tilling or as a top-dressing or in solution as a liquid manure.

Amount to use: Fruits and vegetables 1,000 to 1,200 lbs. per acre. Old lawns 30 to 50 lbs. per 1,000 sq. ft. New lawns 40 to 60 lbs. per 1,000 sq. ft. Golf courses—putting greens 50 to 60 lbs. per 1,000 sq. ft.; fairways 30 to 40 lbs. per 1,000 sq. ft.; entire 9-hole course 15 to 20 tons or one carload.

**Guaranteed Analysis**

- Nitrogen: 4.93%
- Equivalent to Ammonia: 6.00%
- Total Phosphoric Acid: 2.75%
- Available Phosphoric Acid: 2.50%
- Potash: 1.30%

**Prices**

- 5 lbs. $0.50
- 50 lbs. $2.25
- 500 lbs. $16.00
- 25 lbs. $1.25
- 100-lb. bag $4.00
- Per ton $60.00

**BEAUTIFIES LAWNS AND GARDENS**

To build up a lawn you can be proud of, use Lôma — the scientific plant food. Lôma is rich in potash, phosphate and nitrates—just the food elements your lawn or garden needs. Lôma promotes deep root-growth—makes the grass so sturdy it won't burn out quickly in the summer sun, so thick that it actually crowds out the weeds. Lôma is odorless, clean—many times more powerful than barnyard manures. Just sow it over the lawn like grass seed. Then wet it down. A 5-pound package fertilizes a 10 ft. x 10 ft. plot.

**BRECK'S BONE MEAL FERTILIZER**

3% Ammonia; 50% Bone Phosphate of Lime

We have a high grade of this valuable fertilizer prepared especially for us. It is useful for all crops, but especially for grass lands and Fruit Trees. Prices: 5 lbs., 50c; 10 lbs., 75c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.00; ton, $55.00.

**CASIM**

A product that controls crab grass. For description and prices see page 164.

**PURFECK CHICKWEED ELIMINATOR**

The modern sure and positive method of eliminating chickweed. For further details see page 164.

---

**PULVERIZED SHEEP MANURE**

**BRECK'S RAM'S HEAD BRAND**

A standard dressing for lawns and around private homes or cemeteries, and wherever a strong, luxuriant growth of grass is needed. No time is lost waiting for Pulverized Sheep Manure to rot, as is the case with barnyard manure. Apply Ram's Head Brand two or three times during the season before rain or watering at the rate of one pound every 30 square feet or less. This will keep the lawn in flourishing condition. Material in fine mechanical condition. All vegetable life destroyed during grinding and drying process. Odorless.

**SHREDDED CATTLE MANURE**

100-Lb. Bags $3.25

**TON $55.00**

**GRAPE BONE**

Coarse crushed bone specially valuable as a fertilizer for grape vines and usually applied during the Autumn. 5 lbs., 40c; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.50.

**POWNAL MAGNESIUM LIME**

It must be remembered, however, that Lime is used chiefly to correct the acidity or bad physical condition of soils, rather than as plant food. It does not furnish the elements supplied by commercial fertilizers, and hence can never take their place. Use one hundred pounds every 33 feet each way—equal to two tons per acre.

**V. C. FAIRWAY FERTILIZER**

Prepared especially for lawns and Golf Courses. One ton of V. C. Fairway Fertilizer contains as much plant food as sixteen tons of stable manure. The proportions of Nitrogen, Phosphoric Acid and Potash are derived from types of Ammoniates that give the best results when used on growing turf. The most economical fertilizer to use on Fairways and Putting Greens. The usual application on established Golf Courses and lawns is 600 to 800 pounds per acre, applied early in the Spring when grass begins to show indications of growth. Prices: 10-lb. bag $1.00; 25-lb. bag $2.00; 50-lb. bag $3.50; 100-lb. bag $6.00.

**KALOX**

Three-in-one fertilizer. A balanced plant food for shrubbery, plants, ferns and lawns. A soil conditioner, recommended for treatment of hard packed sour or acid soils, and as an exterminator of snails, slugs and cutworms. Non-poisonous, odorless. Its properties are lasting; a dry powder easily applied. Write for special circular giving details of this King of Fertilizers. Prices: 1 lb., 30c; 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $5.50; 50 lbs., $10.00.

---

**FERTILIZERS AND CHEMICALS**

BRECK'S
BRECK'S MARKET GARDEN MANURE

A high-grade, properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops. Especially recommended for market gardeners. Prices: 5 lbs., 40c; 10 lbs., 75c; 25 lb. bag, $1.00; 50 lb. bag, $1.75; 100 lb. bag, $3.00; ton, $50.00.

NITROPHOSKA

15-30-15

The Concentrated Complete Fertilizer

Five to ten pounds of Nitrophoska (depending upon the natural richness of the soil) is enough to fertilize 1,000 square feet of lawn or garden. It may be spread broadcast by hand; dissolved in water and applied with a sprinkling can; or mixed with such materials as peat moss and humus before applying.

FLORANID

(UREA)

Floranid is a very rich nitrogen fertilizer (46% nitrogen), used principally during the growing season to obtain more rapid growth, richer color of foliage and great brilliancy of bloom.

These new air-nitrogen fertilizers are three to four times as rich in plant-food as the ordinary commercial fertilizer. As clean as sugar to handle; absolutely free from weed seeds; odorless. They can be applied easily, in a few minutes, to any lawn or garden of ordinary size.

Prices for either Floranid or Nitrophoska: 1 lb. 50c; 5 lbs. $2.00; 10 lbs. $3.00; 25 lbs. $5.00; Nitrophoska in 100-lb. bags, $8.00; Floranid in 143-lb. bags, $14.00.

THE VEX AUTOMATIC FERTILIZER SPRINKLER WITH LAWN VEX

A highly concentrated fertilizer especially for lawns. The Sprinkler consists simply of a brass cylinder 12" long and 3" in diameter, has two hose connections,—one for the water to enter from the faucet and the other for the water to pass out through your lawn hose charged with Lawn Vex which comes in a form of a cartridge to be slipped into the cylinder. One cartridge is sufficient for 2,400 square feet of lawn. Price: Complete $4.85; Extra Cartridges $1.45 each.

IMPORTED FERTILIZERS

CLAY'S FERTILIZER

A famous English greenhouse fertilizer, highly concentrated, readily soluble, especially recommended for applications on crops either flower or vegetable growing under glass, as it is quick acting and hastens the development of plant and flowers. Supplied only in the original packages as follows: 14 lbs., $2.25; 28 lbs., $4.00; 56 lbs., $8.00; 112 lbs., $15.00.

THOMPSON'S VINE AND PLANT MANURE

A fertilizer popular with grape growers in Great Britain. A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables. 14 lbs., $2.25; 28 lbs., $4.00; 56 lbs., $8.00; 112 lbs., $15.00.

THOMPSON'S CHRYSANTHEMUM MANURE

Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. 14 lbs., $2.25; 28 lbs., $4.00; 56 lbs., $7.00.

POT PLANT FERTILIZERS

STIM-U-PLANT

Stim-U-Plant tablets are designed for use by all who grow plants—home gardeners, market gardeners, small-fruit growers, florists, and farmers. Small Size, 25c; 100 tablets, 75c; 1000 tablets, $3.50.

PLANTABBS

A highly concentrated, odorless fertilizer in tablet form; packed in convenient cartons; can be kept in any dry place; always ready to use; will benefit every kind of vegetation; especially adapted to house plants.

Box of 30 Tablets, 25c; 75, 50c; 200, $1.00; 1,000, $3.50.

FERTIFLORA

A liquid fertilizer for potted plants, to be mixed with water. Per bottle, 35c.

BLOOMAID

A complete plant food recommended for vegetables, all farm crops, flower beds, shrub borders and shade trees. Rich in the elements plants and shrubs need for growth and development; containing the right forms and proportions of Nitrogen, Phosphoric Acid and Potash for developing stalk, leaf and bloom. Prices: 1 lb. 25c; 5 lbs. 60c; 10 lbs. $1.00; 25 lbs. $2.00; 50 lbs. $3.50; 100 lbs. $6.00.

BRADLEY'S FERTILIZERS

For over 50 Years the Standard

GOOD SEED ought to be backed up with good fertilizer. It is farm sense to do a good job with plow and harrow and then get the full benefit of it by using the very highest grade fertilizers.

Agrico Lawn Dressing 5-9-6. Prices: 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $2.00; 50 lbs., $3.75; 100 lb. bags, $6.00.

In 100 lb. bags only

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Av. Phos.</th>
<th>Price per 100 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agrico for the Aroostook Potato Grower</td>
<td>6 8 7</td>
<td>$3.00 $54.00</td>
</tr>
<tr>
<td>Agrico for Truck Farmers and Market Gardeners</td>
<td>5 10 5</td>
<td>2.75 50.00</td>
</tr>
<tr>
<td>Agrico for Corn</td>
<td>3 10 6</td>
<td>2.50 45.00</td>
</tr>
<tr>
<td>Grass and Lawn Top Dressing</td>
<td>6 6 4</td>
<td>3.00 50.00</td>
</tr>
<tr>
<td>Bradley's Blood, Bone and Potash</td>
<td>5 8 7</td>
<td>3.00 52.00</td>
</tr>
<tr>
<td>Bradley's Complete Manure for Potatoes and Vegetables</td>
<td>4 8 7</td>
<td>3.00 50.00</td>
</tr>
<tr>
<td>Bradley's Complete Manure 10% Potash</td>
<td>4 6 10</td>
<td>3.25 52.00</td>
</tr>
<tr>
<td>Bradley's Matchless Mixture</td>
<td>2 8 2</td>
<td>2.10 40.00</td>
</tr>
</tbody>
</table>

All in 100-lb. bags F. O. B. Boston. Special delivered prices quoted on 15-ton lots (a car load).
HUBBARD MANURES

(The manufacture of the Mapes Manures having been discontinued we offer and recommend to our customers the Hubbard Bone Base Brands of fertilizer, which have been sold throughout New England since 1875, and are most favorably known to the discriminating farmers and market gardeners throughout this section.)

GUARANTEED ANALYSIS:
Ammonia .......... 6 to 7% Total Phos. Acid .... 10 to 11% Available Phosphoric Acid 8 to 9% Pothas Actual .... 6 to 7% Acid 3 to 4% Recommended principally for sweet corn and fodder corn, producing good growth of stalk and ears. Directions for use: Thoroughly mix with the soil. Apply at rate of 100 lbs. per acre. Per 100 lbs. $2.00; per ton $50.00.

HUBBARD’S BONE BASE OATS AND TOP DRESSING

GUARANTEED ANALYSIS:
Ammonia .......... 3 to 4% Total Phos. Acid .... 8 to 9% Available Phosphoric Acid 8 to 9% Pothas Actual .... 6 to 7% Acid 3 to 4% Recommended for hay lands, pasture, asparagus, celery, millet, oats, orchards and lawns. Use at the rate of 300 to 400 lbs. per acre. On lawns use somewhat less—apply only when grass is dry and water thoroughly. Per 100 lbs. $4.00; per ton $75.00.

HUBBARD’S BONE BASE SEEDING DOWN FERTILIZER

(For General Truck Crops)

GUARANTEED ANALYSIS:
Ammonia .......... 3 to 4% Total Phos. Acid .... 8 to 9% Available Phosphoric Acid 3 to 4% Pothas Actual .... 6 to 6% Acid 3 to 4% Recommended also for all seeding down purposes, whether hay lands or lawns and landscaping, also when setting strawberry, blackberries and raspberries. Directions for use: 500-1000 lbs. per acre, broadcast and lightly harrowed in. Per 100 lbs. $2.75; per ton $52.00.

SOIL, HUMUS, LEAF-MOULD, Etc.

Leaf Mold. The best grade of sifted Leaf Mould. Per peck, 30c; per bu., $1.00.
Lump Charcoal. For greenhouse use. Per bag, $2.00.
Prepared Potting Soil. Specially prepared with peat, leaf mould, loam, sand, and fertilizer. Per peck, 30c; per bushel, $1.00.
Peat, Rotted Fibrous. Fine, light and sweet. For some varieties of plants this is most valuable. Per peck, 30c; per bushel, $1.00.
Greenhouse Sand. For rooting cuttings and mixing with potting soil. Per peck, 60c; per bushel, $2.00.
White Pearl Chips for bulb dishes, greenhouse benches and aquariums. Pkg. 15c. In bulk, lb. 10c; 100 lbs. $8.00.
Colored Pearl Chips for bulb bowls, aquariums, table decorations; fast colors, 500 lbs., $12.00.
Beach Pebbles. Washed; used for the same purposes as Pearl Chips. Per lb., 5c; per 100 lbs., $2.50.
Fern Root or Orchid Peat. Per bu., $1.50; per 3-bu. sack, $4.00.
Sphagnum Moss. Per 2-bushel bag, $1.00; per bale, $9.00.
Agricultural Salt. For killing weeds in Asparagus beds, walks, driveways, etc. Per 100 lbs., $1.50.
Humus. Finely ground and screened for renovating Lawns, Golf Courses, Flower Beds, etc. Improves potting soil. Per 100 lbs., $2.00; per ton, $50.00.

AGRICULTURAL CHEMICALS

Aluminum Sulphate (Commercial grade). For souring the soil where one desires to grow Rhododendrons or Azaleas. Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., $4.00.
Calcium Chloride. Dust layer and surface binder. One bag will cover about fifty square yards, supplied in 100-lb. bags. Per 100 lbs., $3.50; per ton, $60.00.
Colloidal Phosphate. The world’s finest Phosphate rock. Non-acid and non-burning; hastens germination of Seeds and malleability of all kinds of crops. Guaranteed 22% total Phosphoric Acid. Per 100-lb. bag, $3.00; per ton, $50.00.
Copperas or Sulphate of Iron. In the form of crystals which are readily pulverized or dissolved. Valuable as a disinfectant and as a weed killer. Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., $5.00.
Nitrate of Soda (15% Ammonio) Standard Grade. 5 lbs. 40c; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.00; per ton, $73.00.
Plain Superphosphate or acid phosphate (16%). 5 lbs. 25c; 25 lbs., 65c; 50 lbs., $1.00; 100 lbs., $1.50; per ton, $25.00.
Sulphate of Potash (High-grade actual Potash 45%). 5 lbs., 25c; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.25; per ton, $77.00.
Muriate of Potash (90% K2O). 5 lbs., 40c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $4.00; per ton, $75.00.
Sulphate of Ammonia (25% Ammonio). Powdered, 5 lbs., 40c; 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.00; per ton, $75.00.
Fine Ground Land Plaster or Agricultural Gypsum. Per bag, $1.75; per ton, $25.00.
Basic Slag Meal. Available Phosphoric Acid, 17.03%. Highest grade Belgium Slag. Per 100 lbs., $2.00; per ton, $30.00.
Ground Tankage (9% Ammo., 20% bone phos.). Per 100 lbs., $4.00; per ton, $74.00.
Blood Tankage (12% Amm). Per 100 lbs., $6.00.
Wood Ashes, Canadian. Averaging approximately 3% actual potash. Per 100 lb. bag, $2.75; per ton, $50.00.

ACDO

For making Artificial Manure. Dry leaves, mixed with ACDO and kept moist, turn into excellent manure. So do flower stalks, cuttings, pea vines, and almost any other kind of non-woody vegetable waste. ACDO is a powder which, mixed with vegetable matter and kept moist, turns the latter into real manure, but without odor, flies, etc. The process is perfectly simple and not at all laborious.

In 25 lb. bags ........................................ Each $2.25
(Enough for about 12 wheelbarrow loads of garden waste, making one-half ton of manure.)

In 150 lb. bags ......................................... Each $10.50
(Enough for a heap 10 ft. x 10 ft. x 6 ft. making about three tons of manure.)

Each shipment is accompanied by simple directions, which makes any mistake impossible.

FINE GROUND PEAT MOSS OR MULL

We offer a special, extra-fine ground German Moss under our own brand. Peat Moss is being more widely used than ever, and our Fine Ground stock has great absorbent properties, quickly decaying so that it is available for plant food besides being a splendid mulch at all times of the year. Fine Ground Peat Moss will absorb seven to eight times its own weight in water. Chiefly valuable as a fertilizer carrier for lawns, propagating benches, golf courses; excellent as a mulch for Rhododendrons, Kalmias and Evergreens. Rose growers find it invaluable as a Summer mulch and soil improver because it retains so much moisture throughout the season and at the same time prevents the growth of weeds to an amazing degree.

Standard size bales containing about 12 cubic feet, average approximate weight 140 lbs., each $3.50. Breck’s Special Half Bale, containing about 6 cubic feet, each $2.00; Breck’s Special Home Garden Carton, containing about 2 cubic feet, each $1.25.

We also furnish Coarser Grades of Peat Moss, suitable for poultry litter or stable bedding, in full size bales only.

Special delivered prices quoted on carload lots.
STOMACH POISONS, such as Lead Arsenate and Paris Green, are used to combat Chewing insects. Examples: Colorado Potato Beetle, Curculio.

CONTACT INSECTICIDES, such as Black Leaf “40” and Evergreen, are used to combat Sucking insects. Examples: Plant lice, Pear Psylla.

FUNGICIDES, such as Lime Sulfur and Bordeaux Mixture, are used to combat Plant diseases. Examples: Apple Scab, Green. Contact fungicides, such as Lime Sulfur and Bordeaux Mixture, are used to combat Plant diseases. Examples: Apple Scab, Green.

ANTROL—The National Ant Control

FUNGICIDES, such as Lime Sulfur and Bordeaux Mixture, are used to combat Plant diseases. Examples: Apple Scab, Green.

CONTACT INSECTICIDES, such as Black Leaf “40” and Evergreen, are used to combat Sucking insects. Examples: Plant lice, Pear Psylla.

APHISTROGEN The scientific aphicide especially recommended for use on Roses, will not turn foliage yellow; invisible and non-poisonous; contains no nicotine. Most effective as an alternate spray with Fungtrogen. Prices: 2 oz. 50c; ½ lb. $1.25; 1 lb. $2.25; 2 lbs. $3.50; 4 lbs. $6.50; 12 lbs. $15.00.

ANTROL—The National Ant Control For sweet eating ants—the kind that infest the house and are frequently seen on plants and trees. This is a complete system adapted to any size house, composed of small glass containers and special Antrol syrup. The containers are partially filled with syrup and then placed about the outside edges of the house. Ants smell the mildly poisonous syrup, eat it and then transmit it to their queen. Soon the entire ant nest is destroyed!

Prices—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup $0.95
Antrol extra containers (each) .15
Antrol syrup, 4-oz bottle .45
Antrol syrup, pints .95
Antrol syrup, gallons 3.75

APHINE Most effective against all sucking insects, infesting flowers, foliage, fruits, and vegetables. Can be used as a spray, wash, or dip.

½-pint cans Each $ .35 1-qt. cans Each $1.00
1½-pint cans Each .40 1-gal. cans Each 3.00
1-pint cans Each .65

ARSENATE OF LEAD—“Corona Dry” A pure Arsenate of Lead containing 33% arsenic oxide, absolutely chemically combined with lead and the lowest percentage of “free” or water soluble arsenic. It is the ideal compound for spraying potatoes because it has the quality of quick poisoning. Its superior suspension gives even application; it is absolutely safe from “burning.” It covers thoroughly and sticks to the foliage. It mixes easily and readily in water. No working up to prepare for the spray tank. No straining. It is only necessary to shake the proportional amount into the spray tank. By using the same amount each time you spray, your mixture is always the same strength.

1-lb. package Each $0.30 25-lb. package Per lb. $0.18
5-lb. package Per lb. $0.25

“BLACK LEAF 40” A concentrated solution of Nicotine sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be “hit” by spray to be affected. A highly efficient remedy for poultry vermin; applied with brush direct from can to the hen roosts. One fluid ounce “Black Leaf 40” to 6 gallons water.

1-oz. bottles . . . . . Each $0.35 2-lb. cans . . . . Each $3.75
½-lb. bottles . . . . Each 1.25 5-lb. cans . . . . Each 7.00
1-lb. bottles . . . . Each 2.50 10-lb. cans . . . . Each 11.85

BORDEAUX MIXTURE—Corona Dry Bordeaux mixture is a spraying compound and the standard remedy for fungus diseases.

1-lb. packages . . . . Each $0.30 25-lb. packages Per lb. $0.22
4-lb. packages Per lb. $ .25

CALCIUM ARSENATE (Corona Brand) Arsenate of Lead and Lime. A cheap, quick-acting poison for potato bugs and other leaf-eating insects. Directions must be carefully followed and Lime or Bordeaux added to the solution to prevent burning.

Pound packages . . . . Each $0.25 4 lb. packages . . . . Each $0.50
25 lb. packages . . . . Each $3.00

CALCIUM CASEINATE—Red Diamond Brand A combination spreader and adhesive. It is not poisonous. Will not gum nozzle or pump, giving increased coverage and added efficiency to any spray with which it has been mixed. One and one-half pounds of Red Diamond is sufficient for 200 gallons of spray.

1-lb. bags . . . . Each $0.44 10-lb. bags . . . Each $8.50
10-lb. bags . . . . Each 1.10 Per 100 lbs. . . . Each 18.00

CREONOID Lice destroyer and cow spray. An up-to-date antiseptic preparation made from coal tar. Creonoid stands for animal comfort. Follow directions on can carefully. Stock tormented with flies cannot make flesh or milk. Keeping the flies off may mean the difference between profit and loss. Cows sprayed with Creonoid just before milking are quiet and give better yields of milk, because the flies are kept away. Try it and see the results for yourself.

Per gallon . . . . . $1.45 ½ barrels . . Per gal. $0.95
5 gal. or 10-gal. cans Per gal. 1.00 Barrels . . Per gal. .93

CREOSOTE MIXTURE This mixture is sure death to the eggs of the Gypsy Moth, Tussock Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee.

1 quart . . . . Each $0.45 5 gallon cans Per gal. $0.85
1 gallon . . . . Each 1.10 50 gallon barrel Per gal. .75

CROW REPELLENT—Stanley’s Prevents crows, other birds, and animal pests from pulling corn. Protects corn from rot caused by moisture. Does not clog planter. Has been successfully used for over 10 years. Small cans enough for 1 bushel corn, $1.00; large cans enough for 2 bushels corn, $1.50.

CYANOGAS A highly efficient agricultural chemical that releases a poison-gas on exposure to the air. Made in different grades for different uses. Please note: Cyanogas cannot be shipped by mail.

CYANOGAS G-FUMIGANT. The standard for Greenhouses, Mushrooms, and Soil Fumigation. Ease of application, high efficiency, and low cost have gained for Cyanogas G-Fumigant the endorsement of leading growers all over the world. Solve your fumigation problems with Cyanogas G-Fumigant.

CYANOGAS A-DUST. For Ants, Moles, Rats, Woodchucks. Grade “A” Cyanogas is recommended because of its ease of application and high efficiency.

A Shakerful of Cyanogas A-Dust is enough for a small home, or 100 sq. ft. of ground. Container holds 2 lbs. $3.50; 4 lbs. $6.50; 12 lbs. $15.00. Each 10-lb. package . . . . . . . . Per lb. $0.22

SPECIAL CYANOGAS DUSTERS (See page 171).
DIPPING POWDER—Cooper’s A Sheep Dip which kills all the ticks with a single dipping.

Small package, makes 25 gallons ................. Each $0.50
Large package, makes 100 gallons ................. Each 2.00


To kill Cutworms, use one part of Evergreen to 100 parts of water. Spray around plants, wetting ground thoroughly. Cutworms coming in contact with the solution will come to the surface and die. Keep ground around plants moist. Do not use soap.

Evergreen can also be used to control Aphids, Leaf Hoppers, Cabbage Worms, Mealy Bug and many other insects, killing practically all sucking and chewing insects.

1 oz. bottles, 35c; 6 oz. bottles, $1.00; 16 oz. bottles, $2.00; 32 oz. bottles, $3.50; gal. $13.00; 5 gal. keg, $50.00.

Circular giving detailed information mailed on request.

FUNGOTRONE This highly concentrated fungicide conquers Mildew on roses and other plants practically over night and controls Black-Spot. It also stimulates hollyhocks and geraniums; prevents rot and eliminates rust on carnations and the diseases of delphiniums.

½ pt. 75c; pt. $1.25; qt. $2.00; ½ gal. $3.50; gal. $6.00.

GRAPE DUST—Hammond’s Controls mildew on grape vines. Can also be used in the garden for mold, mildew, or rust mites. Per 5-lb. package, $1.00.

IN-A-MINUTE Killer of roaches, hen lice, ants in the house, and also bed bugs, etc. Non-explosive, non-staining, and non-poisonous. Per bottle, $0.40.

INSECTROGEN Kills most leaf-eating insects such as caterpillars, Japanese beetles. Especially recommended to be used with Funktrogen on Roses and Chrysanthemums. 4 oz. 60c; ½ pt. $1.00; 1 pt. $1.75; 1 qt. $2.75; ½ gal. $4.50; 1 gal. $8.00.

LEMON OIL An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and ornamental foliage plants. 1 pt. 60c; 1 qt. $1.00; 1 gal. $3.00.

LIME SULPHUR—Dry Safe and effective not only as a dormant spray but also as a Summer spray in combination with Arsenate of Lead. From 12 to 14 pounds of Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc. From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for Summer spraying on all seed fruits such as apples, pears, quinces, etc. From 1 to 1½ pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for Summer spraying of peaches, plums and all stone fruits.

1-lb. pkg. 30c; 5-lb. pkg., per lb. 25c; 10-lb. pkg., per lb. 20c; 25-lb. pkg., per lb. 14c; 100-lb. kegs, per lb. 12c.

LIME SULPHUR—Liquid Concentrated Kills San Jose scale.

Dilute with cold water—1 gallon makes 10 gallons of spray. Spray when trees are dormant.

1 qt., 45c; 1 gal., $1.00; 5 gal., $3.50; 25 gal. drum, 30c per gal.; 50 gal. drum, 25c per gal.

MOWRAH MEAL Used extensively for killing earthworms on lawns and putting greens; a dry powder which should be spread on ground or grass evenly enough so that it can be readily seen, forming a light covering, then wet it down immediately with the garden hose so as to wash all the powder into the soil. 10-lb. bag 60c; per 100 lbs. $4.00; ton, $75.00.

“NICO-FUME” LIQUID

¼-lb. can .................. $0.75 4-lb. can .................. $6.25
1-lb. can .................. 2.00 8-lb. can .................. 11.50

“NICO-FUME” PAPER Is especially effective against Aphids (“Green Fly” and “Black Fly”) and against all insects affected by tobacco. “Nico-Fume” is packed in special friction-top tins and is sold as follows: 24 sheets for $1.25; 144 sheets for $5.00; 288 sheets for $8.75.

“NICO-FUME”—Tobacco Powder— A poison. For fumigating Greenhouses. Active ingredients, Nicotine, not less than 12.5%. Full directions with each can. Prices: 1 lb. can, $1.00; 5 lb. can, $3.75; 10 lb. can, $6.85.

NIKOTEN A powerful insecticide for spraying or fumigating against plant lice of all kinds.

30% Tobacco Extract in highly concentrated form. Pint bottles, each, $2.50.

NI-GREEN A grass disinfectant for brown-patch prevention and control. Price 3-oz. tin, 50c; 1-lb. tin, $2.00; 5-lb. tin, $9.00; 25-lb. drum, $37.50.

O. K. PLANT SPRAY (Wilson’s) Effective in killing Aphids, Thrip, Lace Wing Fly, Currant Worms, and many other insects.

Also a valuable spray for indoor plants, Greenhouse plants. Spray with one part of Wilson’s O. K. and 15 parts of water. Price: Half pints, $0.40; quarts, $1.00; gallons, $3.00; 5 gallons, $12.00.

PARACIDE (A Trade Name for Para-Dichlor-Benzene.) A remedy against Peach Tree Borer and for Peach Trees only. A dry powder to be placed in a circle about two inches from the trunk, then covered with dirt. The only safe way. Fall application best. Sold in 1 lb. packages only. Per lb. $0.60.

PARIS GREEN—Guaranteed Pure This is the highest grade of Paris Green it is possible to make.

¼ lb. ...................... $0.25 1-lb. ...................... $0.60

POMO-GREEN (Niagara) The control for black spot and mildew. A fine green powder, does not show up on the foliage. Very similar to the well-known Massey Dust. Applied as a dust spray. Price: 1-lb. cans, 50c; 5-lb. cartons, $2.00; 25-lb. cartons, $8.00.

PYROX A combined insecticide and fungicide for leaf-eating insects and fungus diseases. Keeps the foliage green and healthy and free from bugs and worms throughout the growing season. “Sticks like paint” in spite of heavy rains. All ready to use by adding water.

1-lbs jars. . . . . . . . . . . . . . Each 0.50 25-lb. cans. . . . . . . . . . . . . . Each 6.25
6-lb. cans. . . . . . . . . . . . . . Each 1.75 50-lb. cans. . . . . . . . . . . . . . Each 10.75
10-lb. cans. . . . . . . . . . . . . . Each 3.00 100-lb. cans. . . . . . . . . . . . . . Each 15.50
1-lb. jars have Nicotine with Pyrox.

RAMEX Rat and mice exterminator, prepared with Red Powdered Squill. Recommended by the U. S. Government. Relatively harmless to human beings and domestic animals. Price: ½-lb. cans, 75c; 1-lb. cans, $2.00.
**RAT CORN** Rat corn will kill rats and mice. It is safe, sane, and sanitary; rats die in their nests.

You find no dead ones around, no odor and no danger of being injected as you do not have to handle dead rats to bury them when killed with Rat Corn. Start to use Rat Corn now before it is too late. **Sold in $0.25, $0.50 and $1.00 packages. Sent postpaid on receipt of price.**

**RAT NIP** A quick-acting poison for killing rats. Directions on package must be carefully followed to insure satisfactory results. **Per package $0.35.**

**SCALECIDE** A reliable, simple and economical spray for San Jose Scale, Brown Scale, Red Scale, Cottony Maple Scale, Pear Psylla, Rust Mite, White Fly, and many other scale and soft-bodied sucking insects. Scalecide is not an emulsion, but a soluble miscible oil that results in increased yields. Improved germination, better stands, control of certain diseases, and many other scale and soft-bodied sucking insects. Scalecide succeeds the product sold as Du Pont Semesan Bel and Bayer Dipdust.

**Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c to 1c per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel and Bayer Uspulan.**

**SEMESAN JR.** Semesan Jr. is especially effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stipe disease of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain thill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

**CERESAN** Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stipe disease of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain thill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use. **25-lb. Pail $12.50 1-lb. $0.75 5-lb. $3.00**

**SHEEP DIP—MacDougal's** An effective non-poisonous preparation in liquid form for dilution with water, for killing vermine on Sheep, Cattle, and other domestic animals.

**Per lb., $0.75. One-half gallon, $1.75. One gallon, $3.00.**

**SLUG SHOT** Acts not only as an insect destroyer, but it is an excellent fertilizer as well.

**1-lb. boxes Each $0.25 10-lb. packages Each $11.25**

**5-lb. packages Each $.75 In barrels of about 225 lbs. per lb. $0.10.**

**SNAROL** Cutworms, slugs, snails, grasshoppers and other annoying pests are quickly exterminated by this amazing new preparation. Snarol is a ready prepared meal that you simply broadcast on the ground—under the flowers and plants. Water will not harm it.

**1-lb. carton $0.45 15-lb. bag $3.50**

**3-lb. carton $0.95 50-lb. bag $9.50.**

**SOAP—Fish Oil** This is for the destruction of San Jose scale and all sucking insects.

**1-lb. packages $0.30 10-lb. packages $2.00**

**5-lb. packages $1.25 Per 100 lbs. $15.00 Special prices on kegs and casks.**

**SOAP— Sulpho Tobacco** A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsuspassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all other animals.

**3-oz. cake $0.10 8-oz. cake $0.25**

**SOAP SPRAY—“Imp.”** A soap solution containing no mineral poison. Effective against aphids, fruit pests, elm leaf beetle, black and green fly. Valuable as a spray for evergreens. For general spray use one gallon with twenty-five gallons of water.

**Prices: qt. $1.00; gal. $3.00; 5 gals., $12.00.**

**SULFOCIDE** A powerful summer fungicide for fruits, vegetables and flowers. Very superior for the control of apple scab, brown rot of peaches, and other serious diseases. One gallon makes 200 gallons of spray. Recommended as a substitute for Liquid Bordeaux and is more satisfactory. Pint cans, $0.70 each; quart cans, $1.00; gallon cans, $2.75; 5 gallon cans, $8.75.

**SULPHATE OF COPPER—Blue Stone**

**1 lb. $0.15 100 lbs. $12.00.**

**SULPHUR—Flowers of** Used to prevent and cure mildew on plants.

**1 lb. $0.12 100 lbs. $8.00.**

**SULPHUR—Tricked** Compounded Sulphur, which will remain in suspension for a much longer period than common Flowers of Sulphur or ordinary Dusting Sulphur. Recommended as a dry dust spray to prevent mildew and other fungus diseases. **1 lb. $0.20; 5 lbs. $0.75; 25 lbs. $2.00; 100-lb. can, $7.00.**

**SUNOCO SPRAY** A self emulsifying spray oil: kills scale, aphids, psylla, red mite, leaf hopper, and certain other insects that overlive winter on trees. A good spreader and sticker for Bordeaux Mixture, Arsenate of Lead, and Nicotine. Will not injure paint on buildings.

**Gallon Cans $1.25 30 Gallon Cans $16.80**

**5 Gallon Cans $5.00 50 Gallon Cans $24.00**

**15 Gallon Cans $9.75**

---

**Semesan cannot be sent by mail according to United States postal regulations.**
TANGLEFOOT
A perfect safeguard for trees, vines, and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can.

1-lb. cans .......... Each $0.60
5-lb. cans ........ Each 2.75

TEROGEN - Autumn-Winter Ground Dressing. Terojen destroys the spores of fungi of most diseases that have fallen to the ground, as well as the larvae of most insects, including the rose pith borers, rose bugs, aphids and most beetles.

Pound ............ $0.75
Two pounds ...... 1.25
Five pounds ...... 2.75

TOBACCO DUST - "Gold Leaf" A high-grade Tobacoo Dust of special manufacture. Finely pulverized, of uniform texture, for dusting on plants. Packed in paper-lined burlap sacks. Guaranteed to contain not less than 1% Nicoteen by weight, dry basis. Prices: 100 lbs., $6.00; 25 lbs., $2.00; 1 lb., 15c.

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 lb. 5c; 30-lb. sack for $1.25; 100-lb. sack for $4.00.

CHEMICAL COMPOUNDS FOR DESTROYING ALL KINDS OF VEGETATION

ATLACIDE
Calcium Chlorate Compound

The spray to use for destroying Poison Ivy quickly. A non-poisonous powder supplied in a duster container for the convenience of customers requiring small quantities; a sifter-top can is ready for use at any time; keeps indefinitely in the can, always ready for use. Small Duster Size 50c; Large Duster Size, containing about 31/2-lbs, $1.50.

ATLACIDE (In Bulk). For making weed killer solution. These packages are recommended for use on large areas. All that is necessary is to dissolve the Atlacide in water. A 50-lb. drum is for use with a 50-gallon sprayer, etc.

50-lb. drum kills 5,000 sq. ft. weeds ........... $0.20 lb.
100-lb. drum " 10,000 sq. ft. " ............. 19 "
200-lb. drum " 20,000 sq. ft. " ............. 18 "

CASIM
The remedy and control for serious infestations of crab grass.

A fine white powdered compound consisting of Calcium, Aluminium, Silicon, Iron and Magnesium which applied to the turf infested with crab grass after the beginning of September and until cold weather arrives will result in changing the condition of the soil and by the aid of the sun's rays prevent the germination of crab grass in the lawn. Usually requires about three years' time for proper control. Use 100 lbs. of Casim to 150 square feet. Prices: per 100 lbs. $2.75; per ton $44.00.

COPPERAS OR SULPHATE OF IRON
In the form of crystals which are readily pulverized or dissolved. Valuable as a disinfectant and as a weed killer. Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., $5.00.

DOLGE WEED KILLER
Do it chemically. Easy as sprinkling. A minute a day keeps the weeds away.

1 qt. can enough for 10 gals. $0.60
1 gal. can enough for 40 gals. 1.75
5 gal. can enough for 200 gals. 8.50
10 gal. can enough for 400 gals. 15.00
30 gal. bbl. enough for 1200 gals. 37.50
50 gal. bbl. enough for 2000 gals. 57.75

PURFECK CHICKWEED ELIMINATOR
A concentrated solution which will rid lawns and putting greens of the different types of chickweed. The solution is sprayed, not poured, on the grass. It must not be applied during hot weather. Use the Eliminator only in the Fall, Winter or early Spring. It can be applied on frozen ground but not on ground covered with snow. Write for special circular which supplies detailed information in regard to this labor-saving chemical. Has been used most effectively and economically during the past season in widely distributed areas throughout New England. Prices: Qt. 75c; per gal. $2.00; 5-gal $9.00; ten-gal. $17.00; 25-gal. drum, $35.00; 50-gal. drum, $60.00.

VERMINE
Destroys white grub, cut and eel worms, slugs, maggots, root lice and ants. For greenhouses, gardens, lawns, tennis courts, and golf greens.

1/4-pt. cans .......... $0.25
1/2-pt. cans .......... 0.40
1-gal. cans .......... 3.00
1-pt. cans .......... 0.65

X-L-ALL LIQUID INSECTICIDE
The famous English patented preparation. Kills mealy bug, red spider, and other insects. The perfect insecticide for spraying. Pt. $1.50; qt. $3.00; 1/2 gal. $5.50; gal. $10.50.
Wire worms are effectively combated by spreading Cyanogas G in furrows and covering with soil. This must be done before at 10 day intervals during May and June to kill migrating worms.

Apple

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol. Be sprayed in early Spring with Sunoco, Scalecide or Volck.

Cutworms attack all kinds of tender Garden plants. Use Snarol or Evergreen according to directions on Package and repeat when the material dries quickly are best for spraying. Cover the plants thoroughly and evenly, using ample pressure and a nozzle that throws a fine mist. Do not overspray until the plant drips.

Evergreens such as Arborvitaes, Mugho Pines and Spruces are often infested with Scale, Mites and Gall Lice. They should be sprayed in early Spring with Sunoco, Selseide or Volek.

Cucumber attack all kinds of tender Garden plants. Use Snarol or Evergreen according to directions on Package and repeat at 10 day intervals during May and June to kill migrating worms. Wire worms are effectively combated by spreading Cyanogas G in furrows and covering with soil. This must be done before at 10 day intervals during May and June to kill migrating worms.

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol. Be sprayed in early Spring with Sunoco, Scalecide or Volck.

Cutworms attack all kinds of tender Garden plants. Use Snarol or Evergreen according to directions on Package and repeat when the material dries quickly are best for spraying. Cover the plants thoroughly and evenly, using ample pressure and a nozzle that throws a fine mist. Do not overspray until the plant drips.

Evergreens such as Arborvitaes, Mugho Pines and Spruces are often infested with Scale, Mites and Gall Lice. They should be sprayed in early Spring with Sunoco, Selseide or Volek.

Spraying Calendar

This Calendar, based upon the recommendations of Agricultural Colleges and Experiment Stations, gives condensed directions for combating the commonest Insect Pests and plant diseases. The information herein is brief and careful attention should be given to the directions for Mixing and Applying on each package of Spraying material. Timeliness and thoroughness are the most important factors in controlling Plant pests with Sprays. Chewing insects and Fungal diseases are controlled by applying a protective coat of Poison or Fungicide to the plant before the attack of the Pest. After the injury is apparent it is often too late to spray effectively. Sucking insects are killed only when hit with the Spray. Clear warm days when the material dries quickly are best for spraying. Cover the plants thoroughly and evenly, using ample pressure and a nozzle that throws a fine mist. Do not overspray until the plant drips.

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol.

**FOR ORCHARD FRUITS, SMALL FRUITS AND BERRIES**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Enemy</th>
<th>Material</th>
<th>Amount</th>
<th>When Applied</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple</td>
<td>Scale, Plant Lice</td>
<td>Dry Lime Sulfur or Sulfocide</td>
<td>1 Gal. in 50 Gals. Water</td>
<td>Do not use Oil Sprays in Freezing Weather</td>
<td></td>
</tr>
<tr>
<td>Plum</td>
<td>Cutworm</td>
<td>Lead Arsenate</td>
<td>1 1/2 lb. (Dry) in 50 Gals. Water</td>
<td>Can be mixed with Lead Arsenate or Black Leaf &quot;40&quot;</td>
<td></td>
</tr>
<tr>
<td>Apple</td>
<td>Maggot (Ball-room Worm)</td>
<td>Black Leaf &quot;40&quot; or Evergreen</td>
<td>1 pint in 50 Gals. Water</td>
<td>Picking up Dropping, Summer Cultivating and burying leaves and brush in Spring aid in control</td>
<td></td>
</tr>
<tr>
<td>Pear</td>
<td>Scale, Scab and Codling Mott</td>
<td>Dry Lime Sulfur</td>
<td>12-14 lbs. in 50 Gals. Water</td>
<td>Fish Oil Soap 1 lb. in 50 Gals. of Spray greatly increases effectiveness</td>
<td></td>
</tr>
<tr>
<td>Grape</td>
<td>Black Rot, Anthracnose and Downy Mildew</td>
<td>Lead Arsenate</td>
<td>8 lbs. in 50 Gals. Water</td>
<td>Dry Bordeaux Mixture and Lead Arsenate can be mixed</td>
<td></td>
</tr>
<tr>
<td>Berry</td>
<td>Berry Mott, Root Worm</td>
<td>Lead Arsenate</td>
<td>1 1/2 lbs. in 50 Gals. Water</td>
<td>Evergreen is also effective</td>
<td></td>
</tr>
<tr>
<td>Rose</td>
<td>Chafers</td>
<td>Evergreen or Black Leaf &quot;40&quot;</td>
<td>1/4 pint in 50 Gals. Water</td>
<td>Handpicking is helpful</td>
<td></td>
</tr>
</tbody>
</table>

**FOR VEGETABLES**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Enemy</th>
<th>Material</th>
<th>Amount</th>
<th>When Applied</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spinach</td>
<td>Leaves, mosaic &amp; adults</td>
<td>Dry Lime Sulfur</td>
<td>1/2 pint in 50 Gals. Water</td>
<td>Volck—3 parts in 100 parts water is also effective</td>
<td></td>
</tr>
<tr>
<td>Cabbage</td>
<td>Scale, Plant Lice</td>
<td>Dry Bordeaux Mixture</td>
<td>8 lbs. in 50 Gals. Water</td>
<td>Dry Bordeaux Mixture and Lead Arsenate can be mixed</td>
<td></td>
</tr>
<tr>
<td>Broccoli</td>
<td>Club Root, Cabbage Maggot</td>
<td>Corrosive Sublimate</td>
<td>1 1/2 lbs. in 50 Gals. Water</td>
<td>Corinth Sublimate Corrodes Metal, use in wooden or crockery containers</td>
<td></td>
</tr>
<tr>
<td>Cabbage</td>
<td>Cabbage Worms and Loopers</td>
<td>Lead Arsenate with Calcium Caseinate Sticker</td>
<td>½ lb. in 50 Gals. Spray</td>
<td>Use Hellebore or Evergreen, when Heads are well formed</td>
<td></td>
</tr>
<tr>
<td>Mushroom</td>
<td>Worm, Scab</td>
<td>Dry Bordeaux Mixture</td>
<td>6 lbs. in 50 Gals. Water</td>
<td>Combine Lead Arsenate and Bordeaux for all Sprays</td>
<td></td>
</tr>
<tr>
<td>Potato</td>
<td>Bee, Die, Scab</td>
<td>Lead Arsenate</td>
<td>1 1/2 lbs. in 50 Gals. Water</td>
<td>Kill scab on Stems. Cut off Borders when found</td>
<td></td>
</tr>
<tr>
<td>Onion</td>
<td>Maggot</td>
<td>Volck and Dry Bordeaux Mixture</td>
<td>1 ½ lbs. Gals. in 50 Gals. Water</td>
<td>Combine with Sprays for Blight</td>
<td></td>
</tr>
<tr>
<td>Potato</td>
<td>Blist and Leaf Spot</td>
<td>Dry Bordeaux Mixture</td>
<td>8 lbs. in 50 Gals. Water</td>
<td>Combine with one of Sprays for Blight</td>
<td></td>
</tr>
<tr>
<td>Tomato</td>
<td>Homworm and Fruit Worm</td>
<td>Lead Arsenate</td>
<td>2 lbs. in 50 Gals. Water</td>
<td>Combine with one of Sprays for Blight</td>
<td></td>
</tr>
</tbody>
</table>

---

**SPRAYING CALENDAR**

This Calendar, based upon the recommendations of Agricultural Colleges and Experiment Stations, gives condensed directions for combating the commonest Insect Pests and plant diseases. The information herein is brief and careful attention should be given to the directions for Mixing and Applying on each package of Spraying material. Timeliness and thoroughness are the most important factors in controlling Plant pests with Sprays. Chewing insects and Fungal diseases are controlled by applying a protective coat of Poison or Fungicide to the plant before the attack of the Pest. After the injury is apparent it is often too late to spray effectively. Sucking insects are killed only when hit with the Spray. Clear warm days when the material dries quickly are best for spraying. Cover the plants thoroughly and evenly, using ample pressure and a nozzle that throws a fine mist. Do not overspray until the plant drips.

For Ants in the garden, blow Cyanogas G into the tunnels. In the house use Antrol.
No gardening operations can be undertaken intelligently without first having accurate knowledge. The reading of good gardening books insures good gardening results. Books not only stimulate the imagination but they tell you WHEN TO PLANT, WHAT TO PLANT, HOW TO PLANT.

When ordering Books to be sent by mail kindly add postage at the following rates. Books from 50c to $2.00 add 10c postage; books from $2.00 to $5.00 add 15c; books $5.00 and over 20c.

<table>
<thead>
<tr>
<th>Title of Book</th>
<th>Author</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Standard Cyclopedia of Horticulture</td>
<td>Prof. L. H. Bailey</td>
<td>$25.00</td>
</tr>
<tr>
<td>Horst's A concise Dictionary of Gardening and General Horticulture</td>
<td>Prof. L. H. Bailey</td>
<td>$10.00</td>
</tr>
<tr>
<td>Vegetable Gardening</td>
<td>Watts</td>
<td>$2.50</td>
</tr>
<tr>
<td>Vegetable Forcing</td>
<td>Watts</td>
<td>$3.00</td>
</tr>
<tr>
<td>Asparagus</td>
<td>Hexamer</td>
<td>$1.00</td>
</tr>
<tr>
<td>Cauliflower and Broccoli Culture</td>
<td>Bouquet</td>
<td>$1.25</td>
</tr>
<tr>
<td>Muskamelon Proagation</td>
<td>Prof. Bailey</td>
<td>$1.25</td>
</tr>
<tr>
<td>Mushroom Growing</td>
<td>Duggar</td>
<td>$2.00</td>
</tr>
<tr>
<td>Starting Early Vegetable and Flower Plants Under Glass</td>
<td>Nissley</td>
<td>$3.00</td>
</tr>
<tr>
<td>Gardening Under Glass</td>
<td>Rockwell</td>
<td>$2.50</td>
</tr>
<tr>
<td>Greenhouses: Their Construction and Equipment</td>
<td>Prof. Wright</td>
<td>$2.00</td>
</tr>
<tr>
<td>American Greenhouse Construction</td>
<td>Prof. Muller</td>
<td>$1.50</td>
</tr>
<tr>
<td>Greenhouse Management</td>
<td>Taft</td>
<td>$2.25</td>
</tr>
<tr>
<td>Plant Propagation, Greenhouse and Nursery Practice</td>
<td>Kains</td>
<td>$2.25</td>
</tr>
<tr>
<td>Practical Plant Propagation</td>
<td>Prof. Hottes</td>
<td>$2.00</td>
</tr>
<tr>
<td>Commercial Floriculture</td>
<td>Fritz Bahr</td>
<td>$5.50</td>
</tr>
<tr>
<td>Plant Culture</td>
<td>Oliver and Hottes</td>
<td>$3.50</td>
</tr>
<tr>
<td>The Nursery Manual</td>
<td>Prof. Bailey</td>
<td>$1.25</td>
</tr>
<tr>
<td>The Pruning Manual</td>
<td>Prof. Bailey</td>
<td>$2.50</td>
</tr>
<tr>
<td>Gardening with Peat Moss</td>
<td>Rockwell</td>
<td>$1.35</td>
</tr>
<tr>
<td>Lawns</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>The Lawn</td>
<td>L. S. Dickinson</td>
<td>$1.25</td>
</tr>
<tr>
<td>Practical Landscape Gardening</td>
<td>Cridland</td>
<td>$2.50</td>
</tr>
<tr>
<td>Turf for Golf Courses</td>
<td>Piper and Oakley</td>
<td>$2.50</td>
</tr>
<tr>
<td>Foundation Planting</td>
<td>Johnson</td>
<td>$3.50</td>
</tr>
<tr>
<td>Landscaping the Home Grounds</td>
<td>L. W. Ramsey</td>
<td>$2.00</td>
</tr>
<tr>
<td>The Cultivated Evergreens</td>
<td>Prof. Bailey</td>
<td>$3.00</td>
</tr>
<tr>
<td>Hardy Evergreens</td>
<td>Schreppfer</td>
<td>$1.25</td>
</tr>
<tr>
<td>Evergreens for the Small Place</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>The Book of Shrubs</td>
<td>Prof. Hottes</td>
<td>$3.00</td>
</tr>
<tr>
<td>Shrubs</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>Garden Guide</td>
<td>Prof. Hottes</td>
<td>$1.50</td>
</tr>
<tr>
<td>1001 Garden Questions Answered</td>
<td>Prof. Hottes</td>
<td>$2.00</td>
</tr>
<tr>
<td>Practical Flower Gardening</td>
<td>Cloud</td>
<td>$2.50</td>
</tr>
<tr>
<td>The Culture of Perennials</td>
<td>Cloud</td>
<td>$2.50</td>
</tr>
<tr>
<td>The Book of Perennials</td>
<td>Prof. Hottes</td>
<td>$1.50</td>
</tr>
<tr>
<td>The Book of Annuals</td>
<td>Prof. Hottes</td>
<td>$1.50</td>
</tr>
<tr>
<td>A Little Book of Climbing Plants</td>
<td>Prof. Hottes</td>
<td>$1.50</td>
</tr>
<tr>
<td>Around the Year in the Garden</td>
<td>Rockwell</td>
<td>$2.50</td>
</tr>
<tr>
<td>Everybody's Garden</td>
<td>F. A. Waugh</td>
<td>$3.50</td>
</tr>
<tr>
<td>City and Suburban Gardening</td>
<td>Sherlock</td>
<td>$2.00</td>
</tr>
<tr>
<td>America's Greatest Garden</td>
<td>Wilson</td>
<td>$3.00</td>
</tr>
<tr>
<td>Aristocrats of the Garden</td>
<td>Wilson</td>
<td>$5.00</td>
</tr>
<tr>
<td>Rock Gardens</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>Rock Garden Primer</td>
<td>Thornton</td>
<td>$2.00</td>
</tr>
<tr>
<td>American Rock Gardens</td>
<td>Hamblin</td>
<td>$1.25</td>
</tr>
<tr>
<td>Rock Garden and Alpine Plants</td>
<td>Henry Corrervon</td>
<td>$6.00</td>
</tr>
<tr>
<td>Water Gardens and Goldfish</td>
<td>Sawyer and Perkins</td>
<td>$1.50</td>
</tr>
<tr>
<td>The Book of Water Gardening</td>
<td>Peter Bisset</td>
<td>$5.00</td>
</tr>
<tr>
<td>Roses, F. F. Rockwell</td>
<td>$1.00</td>
<td></td>
</tr>
<tr>
<td>Roses and Their Culture</td>
<td>Hubbard</td>
<td>$1.25</td>
</tr>
<tr>
<td>How to Grow Roses</td>
<td>Pyle, McFarland and Stevens</td>
<td>$2.00</td>
</tr>
<tr>
<td>The Gladiolus</td>
<td>Beal</td>
<td>$1.25</td>
</tr>
<tr>
<td>Gladiolus, Rockwell</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>Irises, Rockwell</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>The Dahlia</td>
<td>L. K. Peacock</td>
<td>$1.25</td>
</tr>
<tr>
<td>Dahlias, Rockwell</td>
<td>Rockwell</td>
<td>$1.00</td>
</tr>
<tr>
<td>Garden Cinderellas: How to Grow Lilies in the Garden</td>
<td>Fox</td>
<td>$5.00</td>
</tr>
<tr>
<td>Garden Lilies, Preston</td>
<td>Preston</td>
<td>$1.25</td>
</tr>
<tr>
<td>The Book of Bulbs</td>
<td>Rockwell</td>
<td>$3.00</td>
</tr>
<tr>
<td>Bulbs for American Gardens</td>
<td>John C. Wister</td>
<td>$6.50</td>
</tr>
<tr>
<td>Spring Flowering Bulbs</td>
<td>C. L. Thayer</td>
<td>$1.25</td>
</tr>
<tr>
<td>American Orchid Culture</td>
<td>White</td>
<td>$4.50</td>
</tr>
<tr>
<td>Home Flower Growing</td>
<td>Volz</td>
<td>$3.50</td>
</tr>
<tr>
<td>Milady's House Plants</td>
<td>Palmer</td>
<td>$1.25</td>
</tr>
<tr>
<td>Adventures in Dish Gardening</td>
<td>Rockwell</td>
<td>$2.50</td>
</tr>
<tr>
<td>The Modern Aquarium</td>
<td>Innes</td>
<td>$1.00</td>
</tr>
<tr>
<td>Goldfish Varieties and Tropical Aquarium Fishes</td>
<td>Wm. T. Innes</td>
<td>$4.00</td>
</tr>
<tr>
<td>American Fruits</td>
<td>Fraser</td>
<td>$4.75</td>
</tr>
<tr>
<td>The American Apple Orchard</td>
<td>Prof. Waugh</td>
<td>$1.75</td>
</tr>
<tr>
<td>Beginner's Guide to Fruit Growing</td>
<td>Prof. Waugh</td>
<td>$1.25</td>
</tr>
<tr>
<td>Bush Fruit Production</td>
<td>Van Meter</td>
<td>$1.25</td>
</tr>
<tr>
<td>Grape Culturist</td>
<td>Fuller</td>
<td>$2.00</td>
</tr>
<tr>
<td>The Strawberry</td>
<td>Fraser</td>
<td>$1.25</td>
</tr>
<tr>
<td>Birds of the Wild</td>
<td>Pellett</td>
<td>$1.75</td>
</tr>
<tr>
<td>Our Winter Birds</td>
<td>Chapman</td>
<td>$2.00</td>
</tr>
<tr>
<td>Methods of Attracting Birds</td>
<td>Trafon</td>
<td>$2.00</td>
</tr>
<tr>
<td>Beginner's Bee Book</td>
<td>Pellett</td>
<td>$1.30</td>
</tr>
<tr>
<td>Canary Birds</td>
<td>Burkett</td>
<td>$0.80</td>
</tr>
<tr>
<td>Manual of Cage Birds</td>
<td>Finn</td>
<td>$0.80</td>
</tr>
<tr>
<td>Practical Poultry Farming</td>
<td>Hurd</td>
<td>$3.50</td>
</tr>
<tr>
<td>Poultry Breeding and Management</td>
<td>Green</td>
<td>$2.00</td>
</tr>
<tr>
<td>Poultry Feeding and Feeding</td>
<td>Lamon and Lee</td>
<td>$1.75</td>
</tr>
<tr>
<td>Poultry Diseases and Their Remedies</td>
<td>Blair</td>
<td>$1.75</td>
</tr>
<tr>
<td>How to Select the Laying Hen</td>
<td>Lamon and Kinghorne</td>
<td>$1.25</td>
</tr>
<tr>
<td>Ducks and Geese</td>
<td>Lamon and Stocum</td>
<td>$2.00</td>
</tr>
<tr>
<td>Farmer's Cyclopedia of Agriculture</td>
<td>Wilcox and Smith</td>
<td>$4.50</td>
</tr>
<tr>
<td>Fertilizers for Greenhouse and Garden Crops</td>
<td>Laurie &amp; Edmond</td>
<td>$2.00</td>
</tr>
<tr>
<td>The Farm and Garden Rule Book</td>
<td>Prof. Bailey</td>
<td>$3.00</td>
</tr>
<tr>
<td>Handbook of Fertilizers</td>
<td>Gustafson</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

TRELLISES

Made of pine, painted green or white. The most durable and ornamental trellis on the market.

Special Sizes and Styles Made to Order

If crating is required for Express or freight shipments, it will be charged at cost.

Lattice Trellis. Not carried in stock, but can be shipped quickly from factory.

Size Each Doz. Size Each Doz.
6 ft. x 18 in. $2.25 $4.00 10 ft. x 18 in. $3.40 $40.00
7 ft. x 18 in. 2.50 20.00 11 ft. x 18 in. 3.75 44.00
8 ft. x 18 in. 2.75 32.00 12 ft. x 18 in. 4.25 48.00
9 ft. x 18 in. 3.25 36.00

Bow Trellis

0½ 24 x 7½ in. $7.00 3½ 42 x 14 in. $1.75 18.00
1 30 x 10 in. 1.00 10.00 48 x 15 in. 2.00 20.00
2 30 x 14 in. 1.40 14.00 5 ft. x 18 in. 2.25 22.00
3 36 x 12 in. 1.60 15.00 6 ft. x 20 in. 2.50 24.00

Fan Trellis

Size Each Doz. Size Each Doz.
1½ ft. x 7 in. $0.30 $3.50 4 ft. x 27 in. $1.50 $17.50
2 ft. x 10 in. 0.45 5.00 5 ft. x 32 in. 1.80 21.00
2½ ft. x 13 in. 0.60 7.00 6 ft. x 38 in. 2.10 25.00
3 ft. x 16 in. 0.95 11.00 7 ft. x 42 in. 2.50 29.50
3½ ft. x 21 in. 1.20 14.00 8 ft. x 46 in. 2.95 35.00
4 ft. x 27 in. 1.60 15.00 9 ft. x 52 in. 3.40 45.00

Veranda Trellis. Ornamental and substantial. Especially adapted to outdoor use for high-climbing plants.

Size Each Doz. Size Each Doz.
2 ft. x 8 in. $0.75 $8.80 7 ft. x 1½ ft. $2.35 $28.00
3 ft. x 10 in. 0.95 11.20 8 ft. x 1½ ft. 2.70 32.00
4 ft. x 11 in. 1.20 14.40 9 ft. x 1½ ft. 3.05 36.00
5 ft. x 13½ ft. 1.70 20.00 10 ft. x 1½ ft. 3.35 40.00
6 ft. x 1½ ft. 2.00 24.00 11 ft. x 2 ft. 3.70 44.00
Extra Wide Veranda Trellis

Size Each Doz. Size Each Doz.
6 ft. x 1½ ft. $2.70 $32.00 10 ft. x 12 ft. $4.50 $53.33
8 ft. x 1½ ft. 3.60 42.67 12 ft. x 3 ft. 5.35 64.00

ROSE ARCHES

Wood Painted White. Custom Built.

No. Height Depth Span Price
1 7 ft. 8 in. 12 in. 4 ft. $20.00
2 7 ft. 8 in. 12 in. 4 ft. 23.00
3 7 ft. 8 in. 12 in. 4 ft. 36.00

PLANT STAKES

Painted Green. For pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

SQUARE

Height Doz. Per 100 Height Doz. Per 100
1½ ft. $0.25 $1.65 3½ ft. $1.10 $8.25
2 ft. 0.35 2.50 4 ft. 1.35 10.50
2½ ft. 0.45 3.60 5 ft. 2.25 15.50
3 ft. 0.50 6.50 6 ft. 2.25 10.00
Extra Heavy 0.60 9.00 4 ft. 2.25 15.50
Extra Heavy 0.70 12.00 5 ft. 2.50 20.00
Extra Heavy 0.80 15.00 6 ft. 3.00 24.00

UNPAINTED HARDWOOD STAKES

Neat, durable, clean; used for carnations, roses, etc.

Length Doz. Per 100 Length Doz. Per 100
2 ft. $0.85 $7.00 4 ft. 1.25 $10.00
3 ft. 1.00 $10.00 5 ft. 1.35 $12.00
4 ft. 1.25 $10.00 6 ft. 1.35 $12.00

DAHLIA OR GARDEN STAKES

The most desirable stake on the market for Dahlias, Tomatoes, etc. They are made of California Redwood. Unpainted, smooth finish, ½" square—will not rot, almost indestructible.

Length Doz. Per 100 Length Doz. Per 100
3½ ft. $1.00 $10.00 6 ft. 2.50 $12.00
5 ft. $1.50 $10.00 6 ft. 2.50 $12.00

GREEN STAINED BAMBOO STAKES

Per 100 Per 1000 Per 1000 Per 1000
1½ ft. $0.75 $5.00 3½ ft. $1.25 $10.00
2 ft. 0.85 6.00 4 ft. 1.50 12.00
3 ft. 0.90 7.00 5 ft. 2.50 20.00
4 ft. 1.00 8.00 6 ft. 2.75 22.00

UNPAINTED CANE STAKES

These are light, strong, durable. Length about six feet. Florists use them. They may be cut to any length.

Per 100 $2.00 Per 1000 $15.00

UNPAINTED BAMBOO STAKES

Heavy enough to be used as fishing poles, spray poles or on the golf course.

Length Each Per 100 Length Each Per 100
10 ft. $0.12 $10.00 18 ft. $0.30 $25.00
16 ft. .20 18.00 20 ft. .35 30.00
**TOMATO SUPPORTS AND BEAN POLES**

*Two-Hoop Wood.* Strong, light, practical, quickly set in position and can be stored in a small space. Per doz. $2.00.

*Wood and Wire.* Uprights of hardwood. Two wire rings. When not in use they fold for storage. Each, $0.30; doz. $3.00.

*Bean Poles,* 8 to 10 ft. long. Per doz. $1.80; per 100, $14.00.

**"ADJUSTO" PLANT SUPPORT**

A simple, unbreakable, practical and cheap support. Adjustable to any height. For Tomatoes, Roses, Hydrangeas and Dahlias, etc. Made of hardwood, protected by a coat of green paint, and heavy spring wire also painted green.

3 ft., Each, 30c; doz. $3.00; 5 ft. Each, 45c; doz. $4.80.

**EXCELSIOR WIRE CARNATION SUPPORTS**

Sizes: 13 and 20 inches in height. Per 100, $2.50; Per 1000, $2.20.

**GALVANIZED WIRE PLANT STAKES**

<table>
<thead>
<tr>
<th>Size</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½ ft.</td>
<td>$0.45</td>
<td>$2.75</td>
</tr>
<tr>
<td>3 ft.</td>
<td>$0.60</td>
<td>$3.50</td>
</tr>
<tr>
<td>3½ ft.</td>
<td>$0.75</td>
<td>$4.50</td>
</tr>
<tr>
<td>4 ft.</td>
<td>$0.80</td>
<td>$4.80</td>
</tr>
</tbody>
</table>

**GALVANIZED ROSE STAKES**

Stakes three feet long with loop at end for attaching plant label making a permanent marker. Per doz. 60c; per 100, $4.00.

**MAGEE LIGHTNING PLANT TIE**

A wire loop for fastening carnations, chrysanthemums, and other small plants to stakes or wires in greenhouse; packed a thousand in a box. Price $2.25 per 1000.

**MATCH STICKS**

12 in. Green, Per 100, 50c; Per 1000, $3.00; 18 in. Green, Per 100, 60c; Per 1000, $4.80.

**WOOD LABELS**

For Pots, Garden, and Trees

**POT LABELS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Painted</th>
<th>Plain</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½x1½ in.</td>
<td>$0.30</td>
<td>$0.25</td>
</tr>
<tr>
<td>2½x2½ in.</td>
<td>$0.45</td>
<td>$0.40</td>
</tr>
<tr>
<td>3½x3½ in.</td>
<td>$0.55</td>
<td>$0.50</td>
</tr>
<tr>
<td>4½x4½ in.</td>
<td>$0.65</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

**GARDEN SIZES**

<table>
<thead>
<tr>
<th>Size</th>
<th>Depth Each Doz.</th>
<th>Dia. Depth Each Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in. 3½ in.</td>
<td>$6.00</td>
<td>12 in. 3½ in.</td>
</tr>
<tr>
<td>10 in. 3½ in.</td>
<td>$5.00</td>
<td>10 in. 3½ in.</td>
</tr>
</tbody>
</table>

**WIRED LABELS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Painted</th>
<th>Plain</th>
</tr>
</thead>
<tbody>
<tr>
<td>3½x3½ in.</td>
<td>$0.25</td>
<td>$0.20</td>
</tr>
<tr>
<td>5 x 5 in.</td>
<td>$0.25</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

**SIMPLEX WEATHERPROOF PLANT LABELS**

The writing is protected by the transparent cover, and will last indefinitely if done either with lead pencil or Waterproof India Ink. Prices include Copper Wire for Attaching.

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1½ x 1½ in.</td>
<td>$0.45</td>
</tr>
<tr>
<td>2</td>
<td>2½ x 2½ in.</td>
<td>$0.65</td>
</tr>
</tbody>
</table>

**COPPER LABELS**

Improved Indestructible Tree. Made of copper alloy, so constructed that the wires cannot cut through the metal from constant flapping in the wind. Properly attached there is no danger of unfastening. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

**GROWELL POTS**

Light, inexpensive, of moisture retaining organic material; they absorb and hold from 8 to 10 times their weight in moisture—prevent drying out—surplus water drains off quickly; may be dipped in liquid fertilizer or lime water to hasten development. Seeds started in them sprout and grow quickly—the roots grow all through and feed on the pot developing sturdy plants that give better, bigger, earlier crops. Plant and pot are set out together and no "setback" results.

**FIBRE SAUCERS**

Made from indurated wood fibre, mahogany finish, lightweight, but durable being practically waterproof—they prevent moisture from injuring tables, floors and carpets.

**COMPO SAUCERS**

Impervious to moisture. Pores closed by mould pressure of several tons per square inch. Practically indestructible. When soiled wash in warm water. Mottled Green color only.

**PENCILS**

Wolff's Indelible Garden. For writing on wood labels, with point protector. Each, 20c; doz. $2.00.

**INDOOR LABELS**

*Wolff's Indelible Garden.* For writing on wood labels, with point protector. Each, 20c; doz. $2.00.

**SIMPLEX WEATHERPROOF PLANT LABELS**

The writing is protected by the transparent cover, and will last indefinitely if done either with lead pencil or Waterproof India Ink. Prices include Copper Wire for Attaching.

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1½ x 1½ in.</td>
<td>$0.45</td>
</tr>
<tr>
<td>2</td>
<td>2½ x 2½ in.</td>
<td>$0.65</td>
</tr>
</tbody>
</table>

**COPPER LABELS**

Improved Indestructible Tree. Made of copper alloy, so constructed that the wires cannot cut through the metal from constant flapping in the wind. Properly attached there is no danger of unfastening. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

**GROWELL POTS**

Light, inexpensive, of moisture retaining organic material; they absorb and hold from 8 to 10 times their weight in moisture—prevent drying out—surplus water drains off quickly; may be dipped in liquid fertilizer or lime water to hasten development. Seeds started in them sprout and grow quickly—the roots grow all through and feed on the pot developing sturdy plants that give better, bigger, earlier crops. Plant and pot are set out together and no "setback" results.

**FIBRE SAUCERS**

Made from indurated wood fibre, mahogany finish, lightweight, but durable being practically waterproof—they prevent moisture from injuring tables, floors and carpets.

**COMPO SAUCERS**

Impervious to moisture. Pores closed by mould pressure of several tons per square inch. Practically indestructible. When soiled wash in warm water. Mottled Green color only.

**PENCILS**

Wolff's Indelible Garden. For writing on wood labels, with point protector. Each, 20c; doz. $2.00.

**SIMPLEX WEATHERPROOF PLANT LABELS**

The writing is protected by the transparent cover, and will last indefinitely if done either with lead pencil or Waterproof India Ink. Prices include Copper Wire for Attaching.

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1½ x 1½ in.</td>
<td>$0.45</td>
</tr>
<tr>
<td>2</td>
<td>2½ x 2½ in.</td>
<td>$0.65</td>
</tr>
</tbody>
</table>

**COPPER LABELS**

Improved Indestructible Tree. Made of copper alloy, so constructed that the wires cannot cut through the metal from constant flapping in the wind. Properly attached there is no danger of unfastening. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

**GROWELL POTS**

Light, inexpensive, of moisture retaining organic material; they absorb and hold from 8 to 10 times their weight in moisture—prevent drying out—surplus water drains off quickly; may be dipped in liquid fertilizer or lime water to hasten development. Seeds started in them sprout and grow quickly—the roots grow all through and feed on the pot developing sturdy plants that give better, bigger, earlier crops. Plant and pot are set out together and no "setback" results.

**FIBRE SAUCERS**

Made from indurated wood fibre, mahogany finish, lightweight, but durable being practically waterproof—they prevent moisture from injuring tables, floors and carpets.

**COMPO SAUCERS**

Impervious to moisture. Pores closed by mould pressure of several tons per square inch. Practically indestructible. When soiled wash in warm water. Mottled Green color only.
CLAY POTS AND SAUCERS

Inside measurements, width and depth equal
Packing charged extra

HEW'S FLOWER POTS, EARTHEN
Height and diameter are the same

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Each</th>
<th>Per Diameter</th>
<th>Each</th>
<th>Per Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>2½ in.</td>
<td>$0.03</td>
<td>$0.04</td>
<td>$0.60</td>
<td>$0.65</td>
</tr>
<tr>
<td>3</td>
<td>.04</td>
<td>.05</td>
<td>1.25</td>
<td>1.30</td>
</tr>
<tr>
<td>4</td>
<td>.05</td>
<td>.06</td>
<td>3.75</td>
<td>4.00</td>
</tr>
<tr>
<td>5</td>
<td>.09</td>
<td>.10</td>
<td>6.80</td>
<td>7.25</td>
</tr>
<tr>
<td>6</td>
<td>.20</td>
<td>.22</td>
<td>10.00</td>
<td>10.65</td>
</tr>
<tr>
<td>7</td>
<td>.18</td>
<td>.20</td>
<td>17.00</td>
<td>17.75</td>
</tr>
<tr>
<td>8</td>
<td>.30</td>
<td>.33</td>
<td>24.50</td>
<td>26.00</td>
</tr>
<tr>
<td>9</td>
<td>.42</td>
<td>5.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

SAUCERS, EARTHEN

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Each</th>
<th>Per Diameter</th>
<th>Each</th>
<th>Per Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>$0.06</td>
<td>$0.08</td>
<td>$0.35</td>
<td>$0.40</td>
</tr>
<tr>
<td>4</td>
<td>.05</td>
<td>.07</td>
<td>2.80</td>
<td>3.25</td>
</tr>
<tr>
<td>5</td>
<td>.06</td>
<td>.08</td>
<td>3.75</td>
<td>4.25</td>
</tr>
<tr>
<td>6</td>
<td>.08</td>
<td>.10</td>
<td>5.00</td>
<td>5.50</td>
</tr>
<tr>
<td>7</td>
<td>.10</td>
<td>.12</td>
<td>7.00</td>
<td>7.50</td>
</tr>
<tr>
<td>8</td>
<td>.12</td>
<td>.14</td>
<td>10.30</td>
<td>10.90</td>
</tr>
<tr>
<td>9</td>
<td>.16</td>
<td>1.80</td>
<td>14.00</td>
<td>14.80</td>
</tr>
</tbody>
</table>

FERN PANS, EARTHEN

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per Doz.</th>
<th>Size</th>
<th>Each</th>
<th>Per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 1½ in.</td>
<td>$0.07</td>
<td>$0.09</td>
<td>6 x 2½ in.</td>
<td>$0.15</td>
<td>$0.18</td>
</tr>
<tr>
<td>4 ½ x 2½ in.</td>
<td>.09</td>
<td>.10</td>
<td>8 x 3½ in.</td>
<td>.20</td>
<td>.23</td>
</tr>
<tr>
<td>5 ½ x 3½ in.</td>
<td>.12</td>
<td>.13</td>
<td>9 x 4½ in.</td>
<td>.25</td>
<td>.28</td>
</tr>
<tr>
<td>6 ½ x 4½ in.</td>
<td>.14</td>
<td>.15</td>
<td>10 x 5½ in.</td>
<td>.30</td>
<td>.33</td>
</tr>
</tbody>
</table>

GALVANIZED IRON FLORISTS' VASES

Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. Only plain galvanized iron carried in stock; painted green or any color to order.

<table>
<thead>
<tr>
<th>No. Top Diam. Bottom Diam. Height</th>
<th>Each</th>
<th>Dوز</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 7½ in. 5½ in. 11 in.</td>
<td>$0.95</td>
<td>10.55</td>
</tr>
<tr>
<td>6 7½ in. 5½ in. 17 in.</td>
<td>1.15</td>
<td>12.15</td>
</tr>
<tr>
<td>7 8 in. 6½ in. 11 in.</td>
<td>1.00</td>
<td>10.65</td>
</tr>
<tr>
<td>8 9 in. 7½ in. 12 in.</td>
<td>1.25</td>
<td>12.40</td>
</tr>
<tr>
<td>9 9½ in. 9½ in. 17 in.</td>
<td>1.50</td>
<td>17.40</td>
</tr>
</tbody>
</table>

NEPONSET PAPER POTS

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Doz.</th>
<th>100</th>
<th>Doz.</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½ in.</td>
<td>$0.10</td>
<td>$0.55</td>
<td>4 in.</td>
<td>$0.25</td>
</tr>
<tr>
<td>3½ in.</td>
<td>.12</td>
<td>.65</td>
<td>5 in.</td>
<td>.35</td>
</tr>
<tr>
<td>3</td>
<td>.15</td>
<td>1.10</td>
<td>6 in.</td>
<td>.45</td>
</tr>
</tbody>
</table>

Not less than one thousand at thousand rate

BIRD CAGE or WINDOW BASKET HOOKS

Size No. 1 Each, 10c Doz., $0.75
Size No. 895 Each, 12c Doz., 1.00

WIRE HANGING BASKETS

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Doz.</th>
<th>100</th>
<th>Doz.</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>$0.35</td>
<td>$3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 in.</td>
<td>.45</td>
<td>5.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 in.</td>
<td>.50</td>
<td>6.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WIRE MOSS BASKETS

Made of heavy wire, green painted. Will last a lifetime.

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch</td>
<td>$0.45</td>
<td>$4.50</td>
</tr>
<tr>
<td>8 inch</td>
<td>.55</td>
<td>5.50</td>
</tr>
<tr>
<td>10 inch</td>
<td>.75</td>
<td>7.50</td>
</tr>
</tbody>
</table>

ALL BRASS JACK CHAINS FOR HANGING POTS

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 118</td>
<td>3 strand</td>
<td>.60</td>
</tr>
<tr>
<td>No. 119</td>
<td>4 strand</td>
<td>.35</td>
</tr>
</tbody>
</table>

FANCY CLAY HANGING POTS

A substantial clay pot with saucer attached. Especially desirable for indoor plants; pleasing design, and with saucer attached there is little danger of spoiling floors, rugs, etc., while watering plants.

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per Doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 inch</td>
<td>$0.45</td>
<td>$4.50</td>
</tr>
<tr>
<td>8 inch</td>
<td>.55</td>
<td>5.50</td>
</tr>
<tr>
<td>9 inch</td>
<td>.75</td>
<td>7.50</td>
</tr>
</tbody>
</table>

Wire hangers for the above furnished at $0.60 per doz. or Heavy Brass Chains, at $0.30 each, $3.00 per dozen.

HEAVY CEDAR PLANT TUBS

For growing Agaves, Century, and other large plants. Made of the best red cedar, painted green, iron handles.

<table>
<thead>
<tr>
<th>Outside</th>
<th>Outside</th>
<th>Outside</th>
<th>Outside</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>28</td>
<td>22</td>
<td>$16.25</td>
</tr>
<tr>
<td>2</td>
<td>26</td>
<td>20</td>
<td>13.60</td>
</tr>
<tr>
<td>3</td>
<td>24</td>
<td>18½</td>
<td>8.55</td>
</tr>
<tr>
<td>4</td>
<td>22</td>
<td>17</td>
<td>6.90</td>
</tr>
<tr>
<td>5</td>
<td>20</td>
<td>16</td>
<td>5.80</td>
</tr>
<tr>
<td>6</td>
<td>18½</td>
<td>15</td>
<td>4.50</td>
</tr>
<tr>
<td>7</td>
<td>17</td>
<td>14</td>
<td>4.00</td>
</tr>
</tbody>
</table>

OAK JARDINIERES

The oak is selected to show the quartered grain, stained dark and finished with lustre surface. The hoops and handles are of brass, highly polished and lacquered. Inside is painted a rich dark red.

<table>
<thead>
<tr>
<th>Stock Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inside</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>88</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

Special sizes made to order if desired

BRECK'S LEXINGTON PLANT TUBS

White Pine. No Handles.

Green painted, light and strong; made of best native pine with galvanized iron hoops.

<table>
<thead>
<tr>
<th>Inside</th>
<th>Inside</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>2</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>12</td>
<td>11</td>
</tr>
</tbody>
</table>
FIBRE FLOWER VASES
Desirable for displaying cut flowers, either in the Florist's shop or refrigerator, and they have also been found valuable for use in Hospitals and in other Institutions for the arranging and storing of flowers.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Inside</th>
<th>Diam.</th>
<th>Each</th>
<th>Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>13½ in</td>
<td>8¾ in</td>
<td>$1.90</td>
<td>$2.160</td>
</tr>
<tr>
<td>1</td>
<td>10 in</td>
<td>6 in</td>
<td>1.60</td>
<td>17.00</td>
</tr>
<tr>
<td>11</td>
<td>18 in</td>
<td>6 in</td>
<td>2.75</td>
<td>30.00</td>
</tr>
<tr>
<td>22</td>
<td>15 in</td>
<td>4½ in</td>
<td>2.40</td>
<td>26.00</td>
</tr>
<tr>
<td>33</td>
<td>12 in</td>
<td>4½ in</td>
<td>1.65</td>
<td>18.00</td>
</tr>
<tr>
<td>44</td>
<td>8½ in</td>
<td>3½ in</td>
<td>1.25</td>
<td>12.60</td>
</tr>
</tbody>
</table>

TIN BOUQUET HOLDERS
Light weight Green Painted Each $0.20; doz. $2.00

SOWRITE SEED SOWER
Scatters seed individually; prevents crowding and choking of seedlings. Eliminates guess-work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast.

Model B. Made of Copper, Nickel Plated. For all seeds up to size of Sweet Peas. Price each, 50c post-paid.

FOLDING WIRE PLANT STANDS
The construction of the shelves or trays is such that there is more room for the pots and foliage than in any other plant stand that takes up the same amount of room on the floor.

<table>
<thead>
<tr>
<th>No.</th>
<th>Length of Arm</th>
<th>Clasp to hold</th>
<th>Each</th>
<th>Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>10x24 in</td>
<td>Each $2.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>10x33 in</td>
<td>Each $3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>2-Wire Trays</td>
<td>Each $4.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>3-Wire Trays</td>
<td>Each $5.65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>4-Wire Trays</td>
<td>Each $8.40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FLOWER POT BRACKETS
Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely. They are made throughout of flat steel, perfectly strong, and can be fastened on the narrowest moulding. Black finish.

<table>
<thead>
<tr>
<th>No.</th>
<th>Length of Arm</th>
<th>Clasp to hold</th>
<th>Each</th>
<th>Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>7 in</td>
<td>5 in pot</td>
<td>$1.05</td>
<td>$7.20</td>
</tr>
<tr>
<td>1</td>
<td>8 in</td>
<td>6 in pot</td>
<td>.75</td>
<td>8.40</td>
</tr>
<tr>
<td>2</td>
<td>10 in</td>
<td>7 in pot</td>
<td>.85</td>
<td>10.20</td>
</tr>
</tbody>
</table>

CAST IRON FLOWER POT BRACKETS
Holding Pot and Saucers in sizes up to 7 inches in diameter.

<table>
<thead>
<tr>
<th>No.</th>
<th>Bushel Size</th>
<th>Each</th>
<th>Dozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>240</td>
<td>1/2 bushel</td>
<td>Each $0.50</td>
<td>Doz. $4.50</td>
</tr>
<tr>
<td>200</td>
<td>1 bushel</td>
<td>Each $0.65</td>
<td>Doz. $1.00</td>
</tr>
</tbody>
</table>

SOILTEX
The Clark Heat Units used for carriage heaters. Packed 12 boxes to a carton. Price, $1.20 each.

CHARCOAL BRIQUETTES
The best inoculation for all legume seeds. The "Always Fresh" inoculant. Stimugerm will reduce your fertilizer bills, give you larger crops, and improve your soil by producing nodules on the roots of legumes. No other inoculant will give the profusion of nodules. When ordering be sure to state what crops you wish to inoculate.

For small seeds, Clovers, Alfalas, etc.
1/2 bushel size . . . . . 35c Bushel size . . . . . . . . $1.00
1/2 bushel size . . . . . 60c 2 1/2 bushel size . . . . . . . . . . . . 2.25
For large size seeds, Soy Beans, Cow Peas, Peas and Beans.
1/2 bushel size . . . . . 35c Bushel size . . . . . . . . $2.25
Garden Size for Garden Peas, Beans, and Sweet Peas, 25 cents.

STIMUCERM
Protects heavy wounds and exposed ends of amputated branches. Dries quickly. Keeps out the air and moisture.
Quart cans, 40c; per gallon, $1.25; 5 gal. can, $5.00.

POSTPAID when cash accompanies order.
BRECK'S
HORTICULTURAL Sundries

MILKOL
Recommended by the Department of Agriculture for use with all arsenical sprays, thereby preventing Bees from working on sprayed trees and being killed by the poison. Milkol is also a disinfectant. 1 gallon, $1.65; 5 gallons, $7.50.

CARBOLA
Disinfecting Germ-Killing White Paint
Use it instead of white-wash. Put on with a brush or sprayer. A snow-white cold-water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

A snow-white cold-water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

Per 5 lb. box $0.75 Per 10 lb. (10 gals.) .......$1.25
Per 50 lb. (50 gals.) .......$5.00

BACILI-KIL
B-K. A liquid antiseptic and germicide commonly used as a disinfectant by dairymen, farmers in general, hotels and restaurants. A safe and economical preparation. Prices: 4 oz. bottle 35c; 10 oz. bottle 60c; qt. bottle $1.25; gal. $3.00; 5 gal. $12.50.

A liquid antiseptic and germicide commonly used as a disinfectant by dairymen, farmers in general, hotels and restaurants. A safe and economical preparation. Prices: 4 oz. bottle 35c; 10 oz. bottle 60c; qt. bottle $1.25; gal. $3.00; 5 gal. $12.50.

LOWELL POWDER SPRAYER No. 465
A small durable machine for all fine powders. Each $1.25.

WOODASON POWDER BELLows
Heavy, well made single cone bellows Each $3.00

"FAMOUS" HAND DUSTER
The ideal powder bellows with extension pipes 24" in length with fan spreader which can be adjusted to throw dust on underside of foliage or at any desired angle; easily filled and regulated; capacity 1 lb.

Prices; small machine, $5.00; large machine, $6.00.

A B C PLANT PROTECTORS
Black, non-curling, tar felt pads slipped around small plants to prevent cut-worms and maggot damage. Per 100, 50c; per 1000, $4.00.

TWINE MELON NETS
For supporting melons growing in greenhouses. Each, 30c; per doz., $3.00.

STRAWBERRY BED NETTING
Made of linen twine ½ in. square. Recommended as a covering for strawberry beds and cherry trees, as a protection against birds. This netting can only be supplied on order and cost is approximately $1.25 per 100 square feet.

GARDEN GLOVES
Specially made for garden use. Men’s Gauntlet, 85 cents per pr. Special Extra-heavy Gloves to be worn while spraying. Per pair, $2.75.

BRECK’S IMPROVED HAY CAPS
Brown and white, medicated, complete with ropes and pins. Each, $1.25; per 100, $114.00.

HEAVY RUBBER FLORIST APRONS
Full size and of the best material Each $2.50

RUBBER SPRINKLERS
An indispensable article for showering plants, sprinkling bouquets, etc. Three sizes: 85c, $1.00 and $1.25 each.

UTILEX BOTTLE SPRAYERS
The most ideal small sprayer for fighting the bugs that attack house plants in the window garden. An indispensable article, well made and eminently practical. Price, each $1.25.

MARLIN, TARRED YACHT
The best quality of closely twisted Tarred Marlin in ½ lb. ball; price 60c per ball.

SILKALINE
Used for growing smilax and asparagus on, also for tying in bouquet work. Per spool, 40c; per box of 8 spools, $3.00.

BUNDLE TWINE
Strong hard twine for tying parcels and bundles, in balls. No. 18 ½ lb. balls. Per ball $0.20 36 ½ lb. balls. Per ball $0.20
24 ¼ lb. balls. Per ball .20 48 ¼ lb. balls. Per ball .20

SOFT JUTE TWINE
For tying cut-flowers, vines, etc. ..................Per ball $0.25

COTTON TAPE
For tying bunches of Asparagus Tips. About ½ inch wide in spools of 1000 yards, color, Red, White and Blue. Per spool, $4.00.

ROFFEA
Palm Fibre, used by gardeners for tying plants and bunching vegetables. It is the best tying material yet produced. Natural color: Per lb. 40c; in 10-lb. lots, 35c per lb. Special price quoted on bale lots. Green dyed, per lb. $1.25.

CELERY BLEACHING PAPER
A black waterproof paper furnished in rolls 300 feet long and 10 inches wide. Easily adjusted around the celery plants, kept in place by wire stakes or wooden pins. Cheaper than boards and easier to handle. Price, $2.50 per roll. Sold only in full rolls.

MULCH PAPER
Gator Hide Brand
Supplied in two types or in two widths, both designed for use in the fields under all sorts of conditions and to last for an entire season. Made of tough strong wood fibre, impregnated with a special grade of asphalt. Stimulating the growth, promoting early maturity, eliminating weeds, conserving moisture, and easier to handle. Price, $2.50 per roll. Sold only in full rolls.

CORRUGATED CUT FLOWER BOXES
Heavy corrugated collapsible boxes in three pieces. Suitable for shipping large quantities of cut flowers by express or parcel post.

CUT FLOWER BOXES
Collapsible Manila with 2½ in. lap covers.

WHITE TISSUE PAPER
Grade used by florists in protecting and in packing cut flowers; size 24x36 inches. Per ream $3.00.

WAX PAPER
White. For packing and protecting flowers and plants. Size 12x18 inches, $1.00 per ream. Size 24x36 inches, $3.00 per ream. Green. Size 24x36 inches, $3.50 per ream.

HEAVY WRAPPING PAPER
No. 1 Kraft (brown). In rolls, 12, 18, 24, 30, and 36 inches wide. Per lb. 9c.

RUBBER BANDS
For bunching beets, radishes, and other small vegetables. Used in place of twine or tape. Lb. boxes $1.00; 5 lb. boxes $4.25. Broad Heavy Bands for cauliflower heads, per lb. $1.00.

COTTON BATING
For packing flowers, etc. Per sheet, 10c.

TINFOIL FOR BOUQUETS
1 lb. pkgs. 35c per lb. ..................Violet or green. 50c per lb.
COLD-FRAMES, HOT-BEDS and GREENHOUSE SUPPLIES

BRECK'S IMPROVED FORCING FRAME

A complete unit with tight-fitting sash, suitable for use as a hot-bed or cold-frame in the starting of early vegetables and flowers. The frame is made in flat sections with corners bolted together, thus being readily stored in a small space when not in use.

Breck's Improved Forcing-frame is without question the best article of its kind on the market, carefully constructed of selected materials in our own shops at Lexington.

Dimensions: 3 feet by 4½ feet; depth, front 7 inches, back 10 inches; sash 1½ inches thick, glazed with 10x12 inch glass.

Frame and sash are thoroughly painted.

Price $12.00 complete, delivered to freight or express station in Boston or Lexington.

CEL-O-GLASS

CEL-O-GLASS is a high grade low-priced substitute for glass. It is unaffected by rain, hail, snow, sun or wind; it can be bent or cut to any desired shape and is practically indestructible. It is made by treating coarse mesh wire cloth in such manner that the open spaces between the strands are filled with a clear, transparent, tough but flexible substance which will not rub or peel off, dry up or become brittle.

It is radically different from ordinary glass, yet in practical use answers all demands and offers very decided advantages to the florist and market gardener, as well as the poultryman, dairyman and farmer.

Descriptive circulars mailed on application.

Full Roll 50 ft. x 3 ft. Per sq. ft. $0.13½
Less than full Roll lots Per sq. ft. .15

SINGLE-GLASS SASH for HOT-BEDS or COLD-FRAMES

Made from thoroughly seasoned lumber. Frame well putted and painted, 1½-inch stock; glass 8x10 inches. The best sash offered today in Boston. Price: Single sash, $7.50 each; 5 sash or over, $7.00 each, crating extra at cost.

HOT BED SASH

Unpainted and ungeared .................. Each $5.25

BRECK'S EXTRA-HEAVY HOT BED MATS

Weight about eleven pounds. Dimensions 76x76 inches, heavily quilted, drilled, brown or green color on upper side, underside burlap. Each $5.00; per dozen $5.50.

EXTRA QUALITY ALL BURLAP MATS

Size 76x76 inches, made especially for those who desire an inexpensive covering for the hot bed. Each $3.00; doz. $35.00.

MILO HOT BED MAT

Made of prepared burlap, waterproof, almost indestructible, light in weight but warm, size 78x80 inches. Each $3.60; dozen, $40.00. Per roll of 30 ft., 78 inches wide, 55c per linear foot.

STRAW MATS

Hotbeds, 6x6 feet ......................... Each $3.50
Hotbeds, 3x6 feet ......................... Each 2.00

Other sizes to order

HOT-BED THERMOMETERS

Registering to 180° and over .................. Each $2.70

PROTECTING CLOTH for HOT-BEDS

Used as a substitute for glass for protecting plants in early Spring. Per yard, 22c; per piece of 60 yards, 20c per yard.

"PROTECTION"—WATERPROOF PRESERVATIVE

Recommended for use on burlap or drill hot-bed mats to prevent mold, mildew, and rotting of fabric. Can also be used on leather, canvas, and other fabrics; guaranteed not to stiffen the material or make it crack. Per gallon $2.60; per 5 gallon can, $8.00.

GREENHOUSE FLATS

Made of Cypress, supplied knocked down, durable and cheap.

No. 1 size, 20x14 inches ................. Each $0.50 Doz. $4.00
No. 2 size, 22½x15 inches ................. Each .60 Doz. 5.00
PUTTUM
A gray glazing cement you can buy with confidence. Composed of non-volatile oils, heat resisting gums and other pigments, combined with asbestos fibre; especially recommended for bedding glass.

Can, 1 gal. $2.50
Can, 20 gal. $39.00
Can, 5 gal. 10.50
Bbl., 28 gal. 70.30
Can, 10 gal. 20.00
Bbl., 60 gal. 110.00

GLAZOLA GLAZING CEMENT
A perfect compound for Glazing, Reglazing, and Repair Work on Greenhouses and Sash Color black, made from a long fibre asbestos and elastic gums. For glazing purposes it requires about three gallons to each thousand feet of glass.

5 gallon cans Per gal. 1.70
55 and 35 gallon steel drums Per gal. $1.50

GLAZOLA GLAZING GUN
For applying heavy putty to greenhouse sash. Price each $5.00

MASTICA
For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 250 running feet (one side).

Gallon cans Each $2.50
Machines for applying Mastica Each 3.00

PUTTY BULBS
A simple and useful device for applying putty to sash. Each $1.50.

GLAZING POINTS
The Peerless
The only durable and reliable points. Made of galvanized steel wire, no rights and lefts. No raising up when driving. Two sizes: Nos. 2, 2½ for general use. Per box of 1,000 $0.65

Finers for driving same 85c per pair.

ZINC CITY GREENHOUSE POINT
A heavy zinc Brad, ¾” and ½” Per lb. $0.65

SHADE-O
A dry Powder. To make a gallon of solution use two quarts of hot water to one pound of Shade-O, stir thoroughly until dissolved, then add two quarts of cold water. Full directions with each package. Recommended for use on Greenhouse glass for artificial Shade. In 1 lb. packages only. Price $1.25 each

WINDOW and PORCH BOXES
These durable plant boxes and tubs are suitable for outdoor or indoor use. They are made of cypress, painted green unless otherwise ordered. Outside dimensions are given.

Length Height Width Each
25½ in. 8 in. 10 in. $3.50
37½ in. 8 in. 10 in. 4.50
49½ in. 9½ in. 10½ in. 5.50

PLANT AND PANSY BASKETS
Suitable for Pansies, Verbenas, Tomatoes and other small plants. Well made. Wire handles, packed 500 baskets to a crate, including handles.

Per C Per M
2-quart size, U. S. Standard $3.00 $25.00
3-quart size, 250 to crate 3.50 30.00

GALVANIZED IRON GREEN PAINTED FLOWER BOXES
A substantial window box or porch box, well-made of strong material with patented watering device. A very durable article at a moderate price.

Sizes 24 in. long Each $1.00
Sizes 30 in. long Each 1.25
Sizes 36 in. long Each 1.50

HOTKAPS
Growers who prepare land and plant seed early in the spring run the dangerous risk of late frosts. Frequently it is too late, then, to plant another crop. Time and effort are wasted; money is lost. “Hotkaps” insure against this condition. They not only protect against frost, but shield young plants from wind and insects and eliminate the possibility of the plant being damaged in a heavy rain. They guard against too much moisture, which frequently causes a delayed and weakened growth. “Hotkaps” are made of a specially prepared waxed paper and are conelike in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around them, “Hotkaps” become individual miniature hothouses. They are reinforced by a strip of heavily waxed paper.

Note. To insure proper ground ventilation, it is important that “Hotkaps” are not set more than from ¼ to ½ inch in ground.

Prices: 25c per doz; $1.25 per 100; $11.50 per 1000; Special garden pkg. which contains 250 Hot Kaps with Setter $4.00 per pkg.

HOTKAP SETTERS
In placing the hotkaps over plants the Hotkap Setter will prove very helpful. The small cone, the exact shape of the Hotkap will quickly save its first cost in time and labor saved. Price for Steel Setter with handle $2.50—price of new Paper Mache Setter with handle 50c each.

RUSTIC BIRD HOUSES

<table>
<thead>
<tr>
<th>No.</th>
<th>Each No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Wren</td>
<td>$1.95</td>
<td>5 Marten, 6 Rooms</td>
</tr>
<tr>
<td>75 Robin Shelter</td>
<td>2.65</td>
<td>6 Marten, 10 Rooms</td>
</tr>
<tr>
<td>40 Wren</td>
<td>1.30</td>
<td>7 Marten, 14 Rooms</td>
</tr>
<tr>
<td>50 Wren and 20 Wrens</td>
<td>1.95</td>
<td>10 Small Birds</td>
</tr>
<tr>
<td>15 Blue Bird</td>
<td>1.95</td>
<td>35 Wood Pecker</td>
</tr>
<tr>
<td>55 Blue Bird</td>
<td>1.95</td>
<td>65 Flicker</td>
</tr>
<tr>
<td>No. 70 Swinging</td>
<td>...</td>
<td>Each $2.10</td>
</tr>
</tbody>
</table>

BIRD “FILLING STATIONS”
For Supplying Suet

<table>
<thead>
<tr>
<th>No.</th>
<th>Each No.</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1 Large</td>
<td>Each $1.50</td>
<td>No. 2 Small</td>
</tr>
</tbody>
</table>

BRECK’S IMP. REVOLVING FEED BOXES

Birds are sheltered when feeding in Winter months. 24 in. x 36 in. with 7 ft. Pole Each $9.00
**IMPORTED ENGLISH GARDEN TOOLS**

Highest Grade Tools Imported by us from best English Manufacturers.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shears, Grass or Sheep, No. 3075, 7 in.</td>
<td>$2.25</td>
</tr>
<tr>
<td>Shears, Hedge Notched:</td>
<td></td>
</tr>
<tr>
<td>No. 101 Each 8 in.</td>
<td>$4.00</td>
</tr>
<tr>
<td>Shears, Grass or Border, Long Handle:</td>
<td></td>
</tr>
<tr>
<td>No. 104 Each 8 in.</td>
<td>$6.00</td>
</tr>
<tr>
<td>Shears, Branch or Lopping:</td>
<td></td>
</tr>
<tr>
<td>No. 109 Each size 2</td>
<td>$6.50</td>
</tr>
<tr>
<td>Syrtinges, English:</td>
<td></td>
</tr>
<tr>
<td>No. 110 18 in.x1½ in.</td>
<td>$13.00</td>
</tr>
<tr>
<td>No. 103 16 in.x1½ in.</td>
<td>$8.50</td>
</tr>
<tr>
<td>Scuffle Hoes, English or Dutch, with handles:</td>
<td></td>
</tr>
<tr>
<td>5 in.</td>
<td>$2.00</td>
</tr>
<tr>
<td>6 in.</td>
<td>2.25</td>
</tr>
<tr>
<td>Knives, English Grass Edging, with handle:</td>
<td></td>
</tr>
<tr>
<td>Riveted Back No. 2</td>
<td>$1.00</td>
</tr>
<tr>
<td>Riveted Back No. 4</td>
<td>$1.25</td>
</tr>
<tr>
<td>Nottingham Bill Hooks</td>
<td>3.50</td>
</tr>
<tr>
<td>Trowels, Garden, No. 3348 6 in.</td>
<td>$1.15</td>
</tr>
<tr>
<td>Trowels, Marples:</td>
<td></td>
</tr>
<tr>
<td>No. 8150 Short hdle.</td>
<td>60c</td>
</tr>
<tr>
<td>No. 8106 Long hdle.</td>
<td>75c</td>
</tr>
<tr>
<td>Forks, Marples:</td>
<td></td>
</tr>
<tr>
<td>No. 8125 Short hdle.</td>
<td>90c</td>
</tr>
<tr>
<td>No. 8126 Long hdle.</td>
<td>$1.10</td>
</tr>
<tr>
<td>Forks, English Transplanting</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**BASKETS**

**STRAWBERRY PICKING BASKETS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 2, 6 Boxes</td>
<td></td>
<td>$0.65</td>
</tr>
<tr>
<td>No. 3, 8 Boxes</td>
<td></td>
<td>0.75</td>
</tr>
</tbody>
</table>

**SPECIAL MARKET GARDEN BASKETS**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy ½ Bushel drop bail</td>
<td>$1.25</td>
<td></td>
</tr>
<tr>
<td>Heavy ½ Bushel stiff bail</td>
<td>1.25</td>
<td></td>
</tr>
<tr>
<td>Heavy ¾ bushel stiff bail</td>
<td>1.50</td>
<td></td>
</tr>
</tbody>
</table>

**OAK NAILED RIM BASKETS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 bu. strapped</td>
<td>$3.75</td>
<td></td>
</tr>
<tr>
<td>3 bu. strapped</td>
<td>2.90</td>
<td></td>
</tr>
<tr>
<td>2 bu. strapped</td>
<td>2.10</td>
<td></td>
</tr>
<tr>
<td>1½ bu. strapped</td>
<td>1.80</td>
<td></td>
</tr>
<tr>
<td>1 bu. strapped</td>
<td>1.30</td>
<td></td>
</tr>
</tbody>
</table>

**OXFORD BASKETS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼ bu. drop bail</td>
<td>$0.65</td>
<td></td>
</tr>
<tr>
<td>½ bu. drop bail</td>
<td>0.70</td>
<td></td>
</tr>
<tr>
<td>1 bu.</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>1½ bu.</td>
<td>1.40</td>
<td></td>
</tr>
</tbody>
</table>

**LADDERS**

<table>
<thead>
<tr>
<th>Extension</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ft.</td>
</tr>
<tr>
<td>22 ft.</td>
</tr>
<tr>
<td>24 ft.</td>
</tr>
<tr>
<td>25 ft.</td>
</tr>
</tbody>
</table>

**COPPER WEATHER VANES**

We warrant our Weather Vanes to be made of copper and gilded with 23-carat gold leaf. The price of each vane includes a wrought-iron spire with steel spindle, points of compass, gilt letters, and copper balls. Complete catalogue of Weather Vanes free on application. Vanes promptly made to order from any drawing or design.

**PARK SETTEES**

The Lincoln Park Settee is intended for parks and public grounds where an extra strong settee is required. Each, $9.00. The Selastic Settee. Very attractive. Low Price. Each, $4.50.

**"KEEP OFF THE GRASS" SIGNS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot-Galvanized Iron</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 70</td>
<td>&quot;Keep off the Grass,&quot; Long</td>
<td>$0.85</td>
</tr>
<tr>
<td>No. 74</td>
<td>&quot;Private Grounds&quot;</td>
<td>.70</td>
</tr>
</tbody>
</table>

**WIRE MESH TREE GUARDS**

Wire Mesh, 15 in. x 4 in. for protecting young trees from rabbits, mice, etc. Each $0.15

**GAME TRAPS**

Blake and Lamb No. 1, Muskrat Each $0.25

**SELF-SETTING MOLE TRAP**

This mole trap has many advantages over all others. It is designed and built right, easy to set without danger to operator, can be used in hot beds on account of its height. It will catch when others fail. Full directions with each trap. Each $1.25

For a Complete List of Agricultural Tools, Implements, Hardware, Woodenware, Baskets, Poultry Supplies, Feeds and Accessories send for our Special Hardware Catalogue.
GARDEN TOOLS

AMERICAN GARDEN TROWELS
No. 211. Forged Steel 7 inch welded shank.............. Each $0.75
No. 216. Ladies' 6 inch riveted shank.................. Each .15
No. 217. Transplanting 7 inch solid shank............ Each .25
No. 809. All Steel Garden Trowels. Very strong........Each .25

AMERICAN TRANSPLANTING FORKS
No. 300. Steel, short handles.......................... Each $0.50

WOOD-HANDLE DIBBLE
No. 218. Usual size, very useful........................ Each $0.75

WEEDERS
Excelsior Hand Weeder. Malleable iron, tinned..Each $0.15
Forged Steel Weeder, Short handle................. Each .55
Lang's Weeder. All metal, with strap............... Each .25
Haseltine's Hand Weeder. Short handles.......... Each .30
"Out-U-Kum" Weed Puller. Especially recommended for
dandelions and other weeds having long tough roots. Ea. $1.00
The Belmont Weeder is a favorite with market gardeners.
It has a 48 inch handle. Each $0.80
Magic Weeder No. A. 5½ in. handle, spring teeth. Each $0.15
Cleveland Lawn Weeder. No more broken backs. This little de¬
vie gets at the root of evil and removes it bodily. Ea. $1.25

VICTORY GARDEN CULTIVATOR
5 Prong ......... Each $1.20 3 Prong .......... Each $0.90

THISTLE and DOCK CUTTERS
Solid shank. Mall. D handle with foot rest........ Each $1.70

ASPARAGUS KNIVES
No. 94. Goodell 10 inch Blade .................. Each $0.40

TREE SCRAPERS
No. 2. Special Blade, ½x5 inches.................. Each $1.00

"NEVER TANGLE" GARDEN LINE REEL
This reel winds or unwinds quickly and will keep the line
straight without tangling. Reel with line ........... Each $1.00

SAMSON SOLID BRAIDED GARDEN LINES
50 feet long..... Each $0.65 100 feet long...... Each $1.25

GARDEN LINE REELS
Malleable Iron, Japanned ..................................Each $1.25

FRUIT GATHERERS
Wire, without handles ..................................Each $0.65

LITTLE WONDER HEDGE TRIMMER
Each
30 in. one-man ...... $25.00 40 in. electric ...... $106.00
40 in. two-man ...... 27.50 60 in. electric ...... 114.00
60 in. two-man ...... 35.00

LADIES' GARDEN SHEARS
No. 100. 6 in. .............................................Per pair $1.80

LONG HANDLED GRASS SHEARS
Per pair
No. 104. Border Shears, 9 in. ....................... $3.70
No. 104. Border Shears, 10 in. ..................... 4.05
No. 105. Border Shears, with wheel, 9 in. ....... 4.15
No. 105. Border Shears, with wheel, 10 in. ....... 4.50
No. 106. Lawn Shears, 9 in. ......................... 3.70
No. 1062. Lawn Shears, 2 wheels, 10 in. ......... 4.50

GRASS and HEDGE SHEARS
Per pair
No. 100. 9 in. Grass .. $1.95 No. 100. 10 in. Grass .. $2.10
No. 101. 8 in. Hedge .. 2.00 No. 101. 9 in. Hedge .. 2.10
No. 101. 10 in. Hedge .. 2.25 No. 9. Heinsch, 9 in. Hedge..... 3.50

SHEEP SHEARS
No. 057E. Genuine "True Vermonter" 5½ in. Per pair $0.90

GRASS SHEARS
Per pair
No. 0267. 6 in. ........................................... Per pair $1.50
No. 1360. 5½ in. ....................................... Per pair $1.50
No. 90. Grass Snippers. Per pair $0.75

FLORISTS' SCISSORS
No. 29. Thinning Shears. Best quality steel. Very useful
in thinning out imperfect fruit ......................... Per pair $0.50
No. 575. Flower Gatherers, 7 inches ................. Per pair $2.00
No. 846. Vine Scissors, 7 inches..................... Per pair 1.50
No. 31. Florists' Scissors. 5 inches ................. Per pair 1.35
No. 833. Florists' Snips, 7½ inch, drop forged. Per pair 1.25

Scissors or Gatherers, by mail, add for postage, 10c per pair.
### PRUNERS

#### CLYDE IMPROVED DRAW-CUT PRUNING SHEARS
- No. 5402. 24 in. Hdles. .......... Each $3.50
- No. 5403. 22 in. Hdles. .......... Each 3.00
- No. 5408. 24 in. Hdles. .......... Each 2.90
- No. 5408. 20 in. Hdles. .......... Each 2.75
- No. 5406. 26 in. Hdles. .......... Each 2.25

#### TIFFANY ALL STEEL PRUNER
This entire tool is forged from bars of fine crucible steel, carefully tempered in oil. Fully warranted against all flaws or imperfections. Single cut. Each: 20 in. $3.50; 25 in. $3.75; 30 in. $4.50.

#### THE "McKENNEY" TREE PRUNERS
<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Material</th>
<th>Weight</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>21 in.</td>
<td>Metal</td>
<td>2 lbs.</td>
<td>23 in.</td>
<td>$5.00</td>
</tr>
<tr>
<td>2</td>
<td>21 in.</td>
<td>Metal</td>
<td>5 lbs.</td>
<td>30 in.</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

#### DOUBLE CUT PRUNERS
26, 30 or 36 in. Pruners ............... Per pair $3.25

#### STANDARD PRUNERS
Complete With Springs
- 8 ft. ......... $2.00
- 12 ft. ....... $2.45
- 16 ft. ....... $3.00
- 10 ft. ....... $2.25
- 14 ft. ....... $2.75
- Extra knives .25

#### TELEPHONE PRUNER
- Without Handles .......... Each $1.60
- Head Sections 6' .......... Each 1.50
- Extra Sections 6' .......... Each 2.50

#### PRUNING SAW and CHISEL
This saw is designed for attachment to a pole; so that the upper branches of trees can be readily pruned without the aid of a ladder. .......... Each $2.50

#### POLE PRUNING SAWS
<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>20 inch</td>
<td>Each</td>
<td>$1.80</td>
</tr>
<tr>
<td>10</td>
<td>25 inch</td>
<td>Each</td>
<td>$2.25</td>
</tr>
</tbody>
</table>

#### SINGLE and DOUBLE EDGE PRUNING SAW
Extra refined spring-steel, polished blades, taper ground.
- No. 7. 18 in. Single Edge .......... Each $1.90
- No. 7. 20 in. Single Edge .......... Each 2.00
- No. 7. 26 in. Single Edge .......... Each 2.50
- No. 4. 18 in. Double Edge .......... Each 2.00
- No. 4. 20 in. Double Edge .......... Each 2.15
- No. 16. 14 in. Special .......... Each 2.25

#### YORK STATE PRUNING SAW
- 20 inch .......... Each $1.75

#### PRUNING SHEARS
French
<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 in.</td>
<td>Full polished, with Wheel Springs</td>
<td>Per pair $2.25</td>
</tr>
<tr>
<td>8 in.</td>
<td>Full polished</td>
<td>Per pair 2.50</td>
</tr>
<tr>
<td>9 in.</td>
<td>Full polished</td>
<td>Per pair 2.75</td>
</tr>
<tr>
<td>10 in.</td>
<td>Full polished</td>
<td>Per pair 3.25</td>
</tr>
</tbody>
</table>

American
<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 inch</td>
<td>California Pattern</td>
<td>Per pair $1.00</td>
</tr>
<tr>
<td>40 inch</td>
<td>Nickel Plated, 9 in.</td>
<td>Per pair 2.00</td>
</tr>
<tr>
<td>200 inch</td>
<td>Swiss Double Springs, 9 in.</td>
<td>Per pair 2.60</td>
</tr>
<tr>
<td>5945 Tiffany, 8 inch</td>
<td>Per pair 3.00</td>
<td></td>
</tr>
<tr>
<td>5945 Tiffany, 9 inch</td>
<td>Per pair 3.25</td>
<td></td>
</tr>
</tbody>
</table>

#### GRAFTING CHISEL
Made from the finest forged cast steel .......... Each $1.50

#### PRUNING KNIVES
<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>928</td>
<td>Large Stag Handle, No. 190 Pattern</td>
<td>Each $2.75</td>
</tr>
<tr>
<td>A901</td>
<td>Medium Handle, No. 187 Pattern</td>
<td>Each 1.00</td>
</tr>
<tr>
<td>924</td>
<td>Peach Stag Handle, No. 312 Pattern</td>
<td>Each 2.50</td>
</tr>
</tbody>
</table>

#### COMBINED BUDDING and PRUNING KNIVES
<table>
<thead>
<tr>
<th>No.</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>40062</td>
<td>2 Blade Budding and Pruning</td>
<td>Each $1.35</td>
</tr>
</tbody>
</table>

#### BUDDING KNIVES
<table>
<thead>
<tr>
<th>Size</th>
<th>Material</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>762</td>
<td>Genuine Ivory Handles, Brass Lined with Bolster</td>
<td>Each $5.50</td>
</tr>
<tr>
<td>2852½</td>
<td>Bone Handles</td>
<td>Each 1.25</td>
</tr>
</tbody>
</table>
BRECK'S VICTOR AXES

GUN METAL FINISH

Each Breck's Victor Axe has the following mark deeply stamped into the metal:

BRECK’S VICTOR

=WARRANTED=

If a Breck’s Victor Axe so stamped should prove defective it will be replaced by us or by the Dealer supplying it.

Furnished in the following patterns:

- Connecticut
- Wedge: Yankee, Jersey
- Aroostock Wedge: Double Bitt Wedge Double Bitt New England

Breck’s Victor Axes, Single Bitt, all patterns............ Each $2.00
Handed with extra quality handles............. Each 2.50
Breck’s Victor Axes, Double Bitt.................... Each 2.65
Handed with extra quality handles............. Each 3.25

BRECK’S VICTOR HOUSE AXES

Victor House Axes, 1½ lbs., 18 inch Handles.............. Each $1.65

BOYS’ AXES

Victor Boy Axes, Handled................................ Each $1.75

AXE WEDGES

Used in handling axes in place of wooden wedges; malleable iron or steel........ Each $0.10

NOTTINGHAM BILL HOOKS

Imported best quality steel. Useful for trimming and cutting brush.................. Each $3.50

STRAPPED EYE BUSH HOOKS

Medium Bush Hooks, Handled. Best quality cast steel. Bronzed. Cutting edge ground and polished........ Each $1.75

SCYTHES

Breck’s Victor. English steel. Fully Waranted...... Each $2.00
Weed or Bramble Scythes................................ Each 2.00
Waldron’s Imported English Lawn Scythe. 34 to 36 in. Each ....................... $3.25

SCYTHE SNATHS

Our Snaths are all made by standard New England manufacturers. Special attention given to furnishing straight snaths for use on marshes.

- No. 50. Ash, Iron trimmed............. Each $1.80
- No. 65. Cherry, Iron trimmed.......... Each 2.10
- No. 105. Patent Loop Bush Snath........ Each 2.00

GRASS HOOKS or SICKLES

“Breck’s No. 70.” Finest quality tool steel, strongest and lightest hook known. Fully warranted, full polished. Each $0.40
No. 11, Offset, polished............. Each 0.60
Nolin No. 3, Concave, full polished........... Each 0.85

SCYTHE STONES

- Black Diamond. A fine gritted stone. Flat octagon shape. Each $0.20
- Imported English Round. An old well-known stone. Each $0.40
- English Pattern, Round......................... Each 0.30

NOVA SCOTIA MOUNTED GRINDSTONES

Only the most carefully selected Bay de Chaleur Stones are used. Best quality hardwood frames.

Thickness of Stone

- Diameter
  - 2 in. $16.00
  - 3 in. $19.00
  - 4 in. $24.50

- Thickness of Stone
  - 20 inches $17.25
  - 22 inches $20.50
  - 24 inches $27.00
  - 26 inches $30.25
  - 28 inches $33.75
  - 30 inches $37.00
  - 32 inches $42.00
  - 34 inches $46.00
  - 36 inches $50.00

DAZEY “SHARPIT” GRINDER

Sharpit fills your need to a “T.” What it does will amaze you when you see it and use it. It puts an edge on practically any kind of blade, straight, curved, beveled, big, or little. It sharpens the ice-pick, the chopping knife, the can-opener—even the scissors—and of course, all kinds of knives. Each $1.50.

HAY CARRIER OUTFITS

We furnish complete outfits for old or new Barns. If interested send rough sketch giving distance between rafters and number of same; distance from ridgepole to floor and location of driveways and bays; also if rope’s to be included. Estimates given and Descriptive circular mailed free of charge.

WOOD LAWN RAKES

- Black Label, Hand made, 3 bows, bent and varnished, 28 teeth........................................ Each $1.30
- Red Label, Regular, 3 bows, bent and varnished, 28 teeth........................................ Each 1.20

DANDELION RAKE

No. D LR. This rake keeps your lawn free from ugly dandelion heads, dead grass, leaves, and sticks, which clutter lawn and keep back the grass. 15½ in. complete with handle, $1.15.
Hay and Manure Forks

THREE TINE HAY FORKS
No. 3. 13 in. Tines, all Bent Handles, Common Ferrules
Length of Handles: 4 ft., 4½ ft., 5 ft., 5½ ft., 6 ft.
Each: $1.35 $1.40 $1.50 $1.60 $1.75

SALT MARSH FORKS
15 Inch Tines, Strap Ferrules

<table>
<thead>
<tr>
<th>Handles</th>
<th>Each</th>
<th>3 ft. Handles</th>
<th>Each</th>
<th>3½ ft. Handles</th>
<th>Each</th>
<th>4 ft. Handles</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft.</td>
<td>$2.00</td>
<td>$2.00</td>
<td>2.00</td>
<td>$2.05</td>
<td>$2.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3½ ft.</td>
<td></td>
<td></td>
<td>2.00</td>
<td>$2.05</td>
<td>$2.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 ft.</td>
<td></td>
<td></td>
<td>2.00</td>
<td>$2.05</td>
<td>$2.05</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOUR TINE MANURE FORKS
Handles: 4 ft. Mall. D. Wood D.
Strapped Ferrules: Each $1.90 $1.90 $2.45

FIVE TINE MANURE FORKS
Handles: 4 ft. Mall. D.
Strapped Ferrules: Each $2.20 $2.20

SIX TINE MANURE FORKS
Handles: 4 ft. Mall. D. Wood D.
Strapped Ferrules: Each $2.40 $2.40 $2.90

EXTRA WIDE MANURE FORKS
15 inch Iron D Handles, Strapped, extra wide
4 Tine, oval: Each $3.00
5 Tine, oval: Each $3.40
6 Tine, oval: Each $3.65

SPADING FORKS
Angular Tines, Strapped Ferrules

<table>
<thead>
<tr>
<th>Handles</th>
<th>Each</th>
<th>4 Tine, Heavy</th>
<th>Each</th>
<th>5 Tine, Heavy</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Tine</td>
<td>$2.00</td>
<td>$2.00</td>
<td></td>
<td></td>
<td>1.85</td>
</tr>
<tr>
<td>5 Tine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Tine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2.55</td>
</tr>
</tbody>
</table>

MANURE HOOKS
4 Prong Oval, 5 ft. Handles: Each $1.50
5 Prong Oval, 5 ft. Handles: Each $1.60
6 Prong Oval, 5 ft. Handles: Each $1.80
4 Prong, Square, 6 ft. Handles: Each $3.00

POTATO HOOKS—SOLID STEEL SHANKS
No. 4BH. 4 Oval Bent Prong: Each $1.20
No. 5BH. 5 Oval Bent Prong: Each $1.45
No. 6BH. 6 Oval Bent Prong: Each $1.55

CLAM HOOKS
6 Prong, Round: Each $1.80
4 Prong, Diamond, Ipswich pattern, Riveted Shanks: Each 1.55
Cape Cod, 4 flat Tines, very strong: Each 1.40
Barnstable, 6 Prong, Long Handle: Each 1.75

ENSILAGE, COKE, TANNERS and VEGETABLE FORKS
Strapped Ferrules, Iron D Handles

<table>
<thead>
<tr>
<th>Description</th>
<th>Times</th>
<th>Tines</th>
<th>Between of Fork</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensilage</td>
<td>8</td>
<td>Oval</td>
<td>16&quot;</td>
<td>$3.00</td>
</tr>
<tr>
<td>Coke</td>
<td>8</td>
<td>Diamond</td>
<td>15</td>
<td>$2.65</td>
</tr>
<tr>
<td>Coke</td>
<td>10</td>
<td>Diamond</td>
<td>17</td>
<td>$3.00</td>
</tr>
<tr>
<td>Coke</td>
<td>12</td>
<td>Diamond</td>
<td>18</td>
<td>$3.75</td>
</tr>
<tr>
<td>Tanners</td>
<td>10</td>
<td>Diamond</td>
<td>10</td>
<td>$3.50</td>
</tr>
<tr>
<td>Tanners</td>
<td>12</td>
<td>Diamond</td>
<td>13</td>
<td>$4.00</td>
</tr>
<tr>
<td>Vegetable</td>
<td>8</td>
<td>Brd. Oval</td>
<td>13</td>
<td>$2.65</td>
</tr>
<tr>
<td>Vegetable</td>
<td>10</td>
<td>Brd. Oval</td>
<td>13</td>
<td>$3.20</td>
</tr>
</tbody>
</table>

RAKES

CAST STEEL GARDEN RAKES
10 Teeth, Polished, Garden: Each $1.00
12 Teeth, Polished, Garden: Each 1.10
14 Teeth, Polished, Garden: Each 1.20
16 Teeth, Polished, Garden: Each 1.25
18 Teeth, Polished, Garden: Each 1.45
12 Teeth, Polished, Lawn 1½ in. Teeth: Each 1.35
14 Teeth, Polished, Lawn " " ": Each 1.50
16 Teeth, Polished, Lawn " " ": Each 1.60

STEEL WIRE LAWN RAKES
24 Teeth: $1.00
36 Teeth: $1.65

WOOD HAND RAKES
Black Label, Hand made, 2 bows, bent and varnished: Each $1.10
Red Label, Regular, 2 bows, bent: Each 1.00
Green Label, Common, 2 bows, bent: Each .90
Cranberry Rakes: Each 6.00
Bamboo Rakes, Bamboo Handles: Each .50
Bamboo Rakes, Wood Handles: Each 1.00
Bamboo Rakes, Jumbo 30-in. Handles: Each 1.50
### Implements and Tools

#### Hoes

**Field Hoes**
- Shank: Socket
  - Field, 6 in. Each $1.15 $1.25
  - Field, 7 in. Each $1.20 $1.25
  - Field, 8 in. Each $1.25 $1.30

**Onion Hoes**
- Solid Shank, 4 ft. 4 in. Handles
  - Square Top, 7\(\times\)1\(\frac{1}{2}\) in. Blade Each $1.15
  - Round Top, 7\(\times\)3 in. Blade Each $1.25

**Sunny Side Hoe**
- Shank, 7 inch—4 ft. handles Each $1.25

**Meadow Hoes**
- Full Polished C. S. Blade, Selected Handles
  - Shank: Socket
    - 8 in. Each $1.20 $1.35
    - 9 in. Each $1.30 $1.45
    - 10 in. Each $1.40 $1.55

**Ladies' Hoes**
- Solid Shank, 5 in. Blade, 4 ft. Handles Each $0.90

**Street and Mortar Hoes**
- Shank: Socket
  - Mortar, Shank, 9 in. Each $1.45 $1.60
  - Mortar, Shank, 10 in. Each $1.55
  - Street, Shank, 12 in. Each $2.00

#### Weeding Hoes
- 6 Teeth, Cast Steel Each $1.35

#### Grub Hoe
- No. 2. Painted black. Polished cutter. Best refined iron with steel bits. 4 lbs. Each $1.25

#### Warren Hoe
- Polished Socket Each $1.50

#### Scuffle Hoes
- 5 in. 6 in. 7 in. 8 in. 9 in. 10 in.
  - American, handled Each $0.95 $1.00 $1.05 $1.10
  - Dutch, handled Each $2.00 $2.25 $2.35 $2.45 $2.60 $2.75

#### Market Gardeners' Slide or Scuffle Hoes
- Arlington, Handled, 5 inch to 9 inch Each $3.50

#### Socket Turf Edger—With Foot Rest
- 4\(\frac{1}{2}\) foot Handles, Flat Top Each $1.35
- 30 inch Bent Handles with Iron D Tops Each $1.40

#### English Sod Lifters or Turfing Irons
- Specially made for handling sod. Will lift sod rapidly and without breaking. The English Lifter is very strongly made and is the pattern used by nearly all Golf Clubs.
- No. 416-2. Heart Shape, Wood D Handles Each $10.00

### Spades & Shovels

#### Bantam Spades and Shovels
- Patent One Piece Solid Shank
- No. 2. D Handle, Square Point, Polished Each $1.35
- No. 3. D Handle, Square Point, Polished Each $1.40
- No. 2. Extra D Handle, Square Point, Polished Each $1.50
- Long Handle and Round Point Shovels and Spades same prices.

#### Ames' Nursery Spades
- Blade 12\(\frac{1}{4}\)\(\times\)7\(\frac{1}{4}\)\(\times\)5\(\frac{1}{4}\) Each $4.80

#### Massachusetts Furnace Scoop
- Long or D handles, half polished, black Each $1.10
- Ash Pan No. 4, 6 ft., straight handles Each $3.25

#### Oliver Ames & Sons Shovels and Spades
- Plain Back, Polished, Solid Cast Steel
  - No. 2. D handle, square or round point shovels Each $1.90
  - No. 2. D handle, spades Each $1.90
- Long handles same price

#### Oliver Ames and Sons Scoops
  - No. 2. $2.00
  - No. 4. $2.20
  - No. 6. $2.40
  - No. 2. 2.10
  - No. 5. 2.30
  - No. 7. 2.50
  - No. 6. Breaking Down D handle Diamond Point 2.60

#### Oliver Ames and Sons Post Spoons
- No. 823. 8 ft. handles, size 10\(\times\)8\(\frac{1}{4}\) Each 4.00

#### Catch Basin or Cesspool Dipper
- Dippers, galvanized Each $4.75
- Dippers, galvanized, with handle Each $5.75
### Implements and Tools

#### Adze Eye Contractors Picks
- Forge finished and oiled. Best refined iron with steel points.
- Contractors' picks, 7 lbs. Each $1.40
- Contractors' picks, 8 lbs. Each $1.50
- Contractors' picks, 9 lbs. Each $1.60

#### Adze Eye Mattocks
- Pick mattock Each $1.25
- Long cutter mattock Each $1.20
- Short cutter mattock Each $1.20

#### Mattocks
- Nursery Mattocks, Extra Quality Each $1.50
- Handles, Oak, 36 inches Each $0.65
- No. C E 3½ Blades and shank, one piece of steel, handled. Each $1.50

#### Steel Crow Bars
- Solid cast steel. Wedge Points.
- Crow bars, 10 lbs. and over Per lb. $0.13
- Pinch bars, 10 lbs. Each 1.10

#### Steel Splitting Wedges
- Square head. Oil finish. Solid Cast Steel. Per lb. $0.12
- Truckee Pattern Forge finished. Solid cast steel Per lb. $0.14

#### Granite or Plug Drills
- Made from the best quality tool steel. Sharpened and ready for use. Tapered, pointed and headed. ¾ inch, quarter octagon, 18 inches long. Each $1.00

#### Wedges and Shims—For Splitting Stone
- No. 3 or No. 4½ Wedges and Shims Per lb. $0.40

#### Stone Hammers
- Forge finished and oiled. Solid cast steel.
- Stone hammers Per lb. $0.30

#### Striking Hammers
- Oil finished. Polished faces. Solid cast steel.
- Striking hammers, 5 to 30 lbs. Per lb. $0.25

#### Hand Drilling Hammers
- Hand drilling, 5 lbs. and over Per lb. $0.35

#### Wood Beetles
- Wood Beetles, 6 in. diameter, 10-in. long, handled Each $5.00

#### Sand, Gravel and Coal Screens
- The frames are of seasoned oak, strongly made and ironed. All the iron work is japanned to prevent rusting. Any size of mesh desired.
- Complete with iron leg, under 1-in. mesh Each $18.00
- Complete with iron leg, over 1-in. mesh Each 19.00

#### Loam Sieves
- Wood Rim ⅜ ¼, ⅜, ⅜, ⅝, ¾, and 1 inch mesh. Each $2.00

---

### Dirt and Sod Tamper
- No. 6. 8x8 inches, 17 lbs., handled Each $2.10

#### Root and Brush Pullers
- Very strong and serviceable. 3 prong, heavy wrought iron. Each $15.00

#### Steel Head Stone-Boats
- 7 ft. long x 34 inches wide, two-horse, complete Each $22.50
- 6 ft. long x 29 inches wide, one-horse, complete Each 21.00

#### Steel Stone-Boat Heads
- Two-horse, 34 inches wide with Bolts. Steel Head only. Each $7.50

#### Eureka Post-Hole Digger
- Gives perfect satisfaction. Each $2.00

#### Iwan's Post-Hole and Well Auger
- Sizes, inches 3 4 5 6 7 8 9 10 12 14
- Each $2.50 2.50 2.50 2.65 2.65 2.85 3.15 8.50 10.50 10.50
- Sizes marked * carried in stock

### Push Carts
- No. 12. 30x20½x9½, 26 in. Steel Wheels Each $16.00
- No. 13. The same with 14 in. Front Wheels Each 19.00
- No. 23. 39x20½x9½, 26 in. Wheels, 14 in. Front Wheels 20.00
- No. 53. 40x26½, 26 in. Wheels, 18 in. Front Wheels 23.00
- No. 53 has drop end board.
- No. 74. 48x24½, 26 in. Steel Wheels. Two 18 in. Front Wheels 27.00

#### Water Barrel Carts
- Cart complete with wood wheels, 4 inch Tires. Each $25.00
- Leaf Racks fitted for above Each 18.00
- Barrels fitted for above Each 12.00
- Boxes fitted for above Each 8.00

#### Colonial Lawn Cart
- This style cart is used for large Estates, Parks, etc.
- Box measurement, 44x34 inches; depth, 11 inches; 18 inches to top of side boards. Wheels, 42 inches in diameter; ½ inch tread; axle 1½ inch square; weight, 220 pounds.
- Price each, $65.00

### Wheelbarrows
- Eureka No. 3. Boys' Barrow Each $7.75
- Eureka No. 4. Garden Barrow Each 8.00
- Eureka No. 5. Farm Barrow Each 9.00
- Paris. Hardwood Varnished Barrow No. 7 Each 10.00
- Paris. Hardwood Varnished Barrow No. 6A Each 8.00
- Leaf Rack, Wire Each 10.00
- Leaf Rack, Wood 23x38 Each 18.00
SPRAY PUMPS


Myers' Barrel Spray Outfit consists of an all steel Barrel Cart, attached to barrel—with the Myers' No. 318B Coggear Spray Pump with one lead, 15 ft. ½-in. hose, nozzle, mechanical agitator, complete.

No. 318B Pump, as described Each $16.00
Steel Cart only Each 16.00
Barrel Each 10.00
Price of Outfit ready for use Each 42.00

Myers' Complete Spray Outfit, No. 316B. Pump complete: 50-gal. barrel on skids, pressure gauge, one 15-ft. ½-inch hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Each, $54.00.


Myers' Compressed Air Sprayer No. 1297. Galvanized Tank 4½ gallons. Each, $6.00.

No. 1824. Myers' Power Spray Gun utilizes the entire capacity of any power Spray Pump and does away with all bamboo extensions, nozzles and fittings. Each, $6.00.


Brown Auto Spray No. 5. A double action continuous stream pump, making it an ideal, all purpose, hand sprayer. Each, $5.00.

Extension for Auto Spray No. 5. Each, 60c.

Galvanized Knapsack for same. Each, $3.75.

MYERS SPRAY PUMPS

THE MYERS JUNIOR POWER SPRAY OUTFIT


For mounting on truck, send for circulars and prices.

LOWELL SPRAYERS

Each

No. 40G. Pennant Galvanized Compressed Air Sprayer $6.75
No. 40B. Pennant Brass Compressed Air Sprayer 7.75
No. 70G. Fountain Galvanized Compressed Air Sprayer 7.50
No. 80G. Baby Fountain Galvanized Air Sprayer 5.00
No. 255. Baby Midget, ½ pt. Sprayer 3.50
No. 260. Midget, 1 pt. Sprayer 4.00
No. 235. Ideal Tin, 1 qt. Sprayer 5.00
No. 235B. Ideal Brass, 1 qt. Sprayer 7.50
No. 205. Continuous Tin Sprayer 8.00
No. 205B. Continuous Brass Sprayer 12.00
No. 265. Nu Day Tin, ¼ pt. Sprayer 3.00
No. 605. Lac-R-Spray Tin Sprayer 1.15

SPRAY NOZZLES

Each

No. 1217. Power Nozzle Each $1.10
No. 1564. Graduating Vermorel Nozzle Each .80
No. 1290. Hand and Power Nozzle Each .70
No. 2097. Bordeaux Nozzle Each 1.00
No. 1470. Myers' Way Nozzle Each 1.00
No. 480. 8-ft. Pipe Extensions with Lever Each 1.75
No. 772. Hose Reducer Each .30
No. 1380. 45-Degree Bend, ½ in. Pipe Each .25
Creosote Brushes Each 1.40
Garden & Lawn Hose

Garden and Lawn Hose is furnished in 50-foot lengths with couplings attached. Prices include couplings. In less than 50-foot lengths couplings will be additional.

RIBBED RED COVER BRAIDED HOSE

Finest Quality

Goodrich Ribbed, ½-inch .......................... Per ft. $0.22
Goodrich Ribbed, ¾-inch .......................... Per ft. $0.28

SMOOTH RED COVER BRAIDED HOSE

Maxecon (Rob Roy), ¾-inch .......................... Per ft. $0.14

BLACK RIBBED COVER BRAIDED HOSE

Ribcord, ¾-inch .......................... Per ft. $0.12

SPRAY HOSE

Smooth Black Cover Braided

Jupiter Spray Hose is especially adapted to power sprayers and will stand the pressure required. Price does not include couplings. Long tailed coupling generally used for which there will be an additional charge.

Jupiter, 2 braided, ½-inch .......................... Per ft. $0.18
Jupiter, 2 braided, ¾-inch .......................... Per ft. $0.28

Hose Accessories

RUBBER HOSE WASHERS

Packed in cartons containing 12 washers. Per carton $0.10

SIAMESE HOSE CONNECTION

½ and ¾ inch Siamese Connection .......................... Each $1.00

BRASS HOSE COUPLINGS

For ½, ¾ or ¼ inch hose .......................... Per set $0.20

LONG TAILED COUPLINGS FOR SPRAY HOSE

¾ inch, per set, 50c; ½ inch, per set, 50c; ¼ inch, per set, 80c

CLINCHING HOSE MENDER and COUPLING

Perfect Clinching Couplings, 3⁄₄, ½ or ¼ inch .......................... Per set $0.25
Perfect Clinching Hose Menders, 3⁄₄, ½ or ¼ inch .......................... Each .10

ALLEN HOSE CLAMPS—GALVANIZED

For use in attaching couplings, menders, etc.
Sizes: 3⁄₄, ½, ¼ and ¾ in. .......................... Each $0.05

COOPER HOSE MENDER

3⁄₄ inch or ½ inch .................................. Each $0.10

BULL DOG FRICTION TAPE

Exceedingly useful for mending hose. Per coil, 5c, 10c, 20c and 40c.

ALL METAL HOSE REELS and CARTS

Capacity given for ¾ inch hose.

No. Each
10. Height of wheel 21 in., capacity 100 ft. ................ $5.00
20. Height of wheel, 24 in., capacity 150 ft. ................ 6.00
30. Height of wheel 29 in., capacity 400 ft. ................ 11.50
90. Height of wheel 34 in., capacity 500 ft. ................ 25.00
31. Park Reel. Heavy capacity, 200 ft. .................. 21.00
Rcelezy. Capacity 100 ft. .................. 2.25

WATER POTS

4 qt. 6 qt. 8 qt. 10 qt. 12 qt. 16 qt.

Galvanized.................................. Each $7.75 $8.75 $9.50 $10.00 $10.75 $11.50
Parlor tin, painted, long spout, 2 qts. .................. Each $1.15
Parlor tin, assorted colors, long spout, 4 qts. ............. Each $1.35
Parlor tin, painted Green with Rose, 2 qts. ............... Each .50
Parlor Oval, long spout with Rose, 2 qts. ................ 2.25

WOTHERSPOON'S GALVANIZED WATER POTS

4 qt. 6 qt. 8 qt. 10 qt. 12 qt. 16 qt.

Regular Pattern, Each $5.75 $6.25 $7.00 $7.50 $8.25 $9.00
6 qt. 8 qt. 10 qt. 12 qt. 16 qt. 20 qt.

French Pattern, Each $7.25 $8.00 $8.50 $9.50 $10.50 $11.50

Parlor Oval, long spout with Rose, 2 qts. ................ 2.25

ENGLISH SYRINGE—ALL BRASS

No. 110. 18x1₂₄ in., fine and coarse rose, 1 jet .......................... Each $13.00
No. 103. 16x1₂₄ in., one rose, 1 jet. .......................... Each 8.50
No. 102. 16x1₂₄ in., one rose, 1 jet. .......................... Each 6.75
No. 101. 12x1 in., one rose, 1 jet. .......................... Each 4.75

BARRIE SOAP SPRAYERS

For ¾ inch or ¾ inch Hose. .......................... Each $7.50

SPRAY NOZZLES

New Boston .................................. Each $0.65
Eclipse .................................. Each .50
SPRINKLERS

(See illustrations on opposite page)

BRECK'S COMBINATION SPRINKLER

This combination is made of solid brass. The sprinkler is three inches in diameter, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil is avoided by using “Breck’s”.

Breck’s Sprinkler, complete, 3 inch head .......... Each $2.00
Breck’s Sprinkler, head only, 3 inch ............... Each 1.10
Breck’s Sprinkler, head only, 4 inch ............... Each 1.25
Breck’s Sprinkler, stop cock only .................. Each 1.10

Flaring Rose Sprinkler throws the water in a fan-shaped spray, descending like rain, without force, and does not wash the soil into furrows, consequently is desirable for sprinkling new lawns, flower beds, and for greenhouse work. Each $0.60

The Double Rotary Sprinkler is a great favorite among the Greenskeepers. Gears are enclosed and run in oil. Each $12.50
Rainbow. 2 arm, 8½ inches high .................. Each 2.25
Pluvius. 3 arm, 11 inches high .................... Each 1.50
Yankee. 4 arm, 20% inches high .................. Each 3.00
Allen King. All brass, 8 in. diam., 1½ in. high . Each .90
Garden City No. 2. Blake Head, 26 inches high . Each 1.65
Blake Head No. 1. ¾ inch hose pipe thread . . . Each .40
Blake Head No. 2. ¾ inch iron pipe thread ...... Each .40
C. B. G. Popular low cost, 1½ inches high .......... Each .40

RAIN KING SPRINKLERS

and NOZZLES

THE STANDARD RAIN KING SPRINKLER

A real innovation in the sprinkler line, and radically different from any other sprinkler ever made.................. Each $3.50

MAJESTIC RAIN KING SPRINKLER

No. A. 15 inches high.................................. Each $6.50
No. B. 24 inches high with Bird Bath.............. Each 7.50

THE GIANT RAIN KING SPRINKLER

The Giant among Sprinklers. Stands four feet high and has 20-inch arms. Fills every sprinkler requirement. For fine lawns, estates, parks, and golf greens.................. Each $12.50

MAMMOTH RAIN KING SPRINKLER

For golf courses, parks, gardens and large estates.
Its brass arms have a spread of 4 feet and are equipped with the famous Rain King adjustable sprinkler nozzles (large size) while a standard size nozzle is mounted on the head and ensures a thorough, even distribution of water over the entire area covered.
Equipped with a new roller type base and can be moved about easily without injury to the finest turf. Can be set revolving or stationary and adjusted to cover any desired area up to 6,000 square feet. It will operate on any pressure from 5 pounds up and at 45 pounds will discharge over 1,000 gallons of water per hour.............. Each $22.50

RAIN KING HOSE NOZZLE

This nozzle has no moving parts to wear, clog, or give trouble. Wear-Proof, Leak-proof, and guaranteed forever. Each $1.50

RAIN KING HOSE COUPLER

Very effective. Ask to see it ......................... Each $0.60

SKINNER SYSTEM

Sprinklers

For Lawn, Garden and Golf-Green

Peacock Sectional Lawn and Golf Green Sprinkler. No moving parts. Each section covers 50x15 feet. Several may be connected together .............. Per section $15.75
Peacock Junior. Waters 50x10 feet .................. Each $9.00
Lawn Mist Sectional Sprinkler. Throws a fine mist, otherwise similar to the Peacock .............. Per section $12.50
Lawn Mist Junior .................. Per 9½ ft. section 8.75
Border Mist Sprinkler. Throws a fine mist in one direction. Valuable along walks, etc. .............. Each $12.50
Border Mist Junior. Similar to above .......... Each $8.75

THE LARK SPRINKLER

It sprinkles evenly up to 150 feet. A labor saver, the far throw saves frequent setting. Complete with 1 in. or ¾ in. hose connection. Each $15.00.

MIST-O-SPRAY

Here, at last, is the perfect sprinkler . . . for lawns, shrubs and flowers . . . simple, practical and inexpensive in both first cost and operation. In action it simulates the gently falling evening dews, providing moisture to thirsty plant life in a manner entirely natural.
Complete Outfit, less hose, $2.95.
# Lawn Mowers and Grass Catchers

**BRECK’S “MASTER” MOWER**
A new and carefully designed mower, using all Roller and Ball Bearings, reducing friction and wear to a minimum. Cuts grass from 7/16 inch to 1 inch. Has 11 inch wheels, 6½ inch reel, 5 steel blades.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 in.</td>
<td>$29.00</td>
</tr>
<tr>
<td>17 in.</td>
<td>$31.00</td>
</tr>
<tr>
<td>19 in.</td>
<td>$33.00</td>
</tr>
<tr>
<td>21 in.</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

**BRECK’S LONGWOOD**

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 in.</td>
<td>$18.00</td>
</tr>
<tr>
<td>17 in.</td>
<td>$19.00</td>
</tr>
<tr>
<td>19 in.</td>
<td>$20.00</td>
</tr>
<tr>
<td>21 in.</td>
<td>$21.00</td>
</tr>
</tbody>
</table>

**BRECK’S NEW COLONIAL**
Ten-inch wheels, 4-bladed wiper, ball bearings.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 in.</td>
<td>$17.00</td>
</tr>
<tr>
<td>19 in.</td>
<td>$19.00</td>
</tr>
<tr>
<td>17 in.</td>
<td>$18.00</td>
</tr>
<tr>
<td>21 in.</td>
<td>$20.00</td>
</tr>
</tbody>
</table>

**BRECK’S CRICKET**
Best low-priced machine made. Ten inch High Wheels, 4-Blade Wiper, Ball Bearings.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in.</td>
<td>$10.00</td>
</tr>
<tr>
<td>14 in.</td>
<td>$10.50</td>
</tr>
<tr>
<td>16 in.</td>
<td>$11.00</td>
</tr>
<tr>
<td>18 in.</td>
<td>$11.50</td>
</tr>
</tbody>
</table>

**BRECK’S LOW-WHEEL CRICKET**
Eight inch Low Wheels, 3-Blade Wiper, Plain Bearings.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in.</td>
<td>$6.75</td>
</tr>
<tr>
<td>14 in.</td>
<td>$7.25</td>
</tr>
<tr>
<td>16 in.</td>
<td>$7.50</td>
</tr>
<tr>
<td>18 in.</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

**BRECK’S FANEUIL**
Ten inch Open Wheels, 4 Blades.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 in.</td>
<td>$9.00</td>
</tr>
<tr>
<td>16 in.</td>
<td>$9.50</td>
</tr>
<tr>
<td>18 in.</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

**NOX-ALL GRASS CATCHER**
Furnished in fine quality duck only.

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 508 H. S. Fits 12 to 16-inch mowers</td>
<td>Each $1.00</td>
</tr>
<tr>
<td>No. 509 H. S. Fits 16 to 20-inch mowers</td>
<td>Each $1.25</td>
</tr>
</tbody>
</table>

**PENNSYLVANIA MOWERS**

- **GREAT AMERICAN MOWER**
  - 15 in. | $20.00
  - 17 in. | $22.50
  - 19 in. | $25.00
  - 21 in. | $28.00

- **WILLIAM PENN MOWER**
  - 16 inch only | Each $16.00

- **PENNSYLVANIA GOLF MOWER**
  - Wheels, 10 inch. Ball-Bearing. 7 Knife. This machine can be adjusted to cut 1/3 of an inch, practically shaving the lawn, and is especially adapted to Putting Greens, tennis courts, and exceptionally fine lawns.
  - 19 in. each $38.00; Grass Boxes, 17 or 19 in. $8.00.

- **PENNSYLVANIA SUPER ROLLER GOLF MOWER**
  - 18 inch only | Each $30.00
  - Grass Box, each $8.00; Carriage, each $5.00

- **PENNSYLVANIA ARISTOCRAT GOLF MOWER**
  - 19 inch only with Grass Box | Each $48.00

**LAWN TRIMMERS**

- Pennsylvania Undercut, 5 inch cut | Each $12.00
- Worcester Lawn Trimmers, 10-inch | Each $12.00

**PENNSYLVANIA LAWN CLEANER and RAKE**
This machine will remove from the lawn not only the cut grass, but all sorts of litter, leaves, and trash. 24-inch | Each $35.00

**PENNSYLVANIA BANTAM MOWER**
The Midget Mower for all ages.

Did you ever see the youngster who did not like to push a lawn mower? Children from seven to fourteen will delight in the smooth cutting, trim looking “Bantam.” It gives the boy or girl who wants to help an opportunity to do their bit at home.

Grownups will appreciate this handy miniature for use on narrow lawn panels. Ideal for the Rock Garden. Mechanically perfect, smooth running, ball-bearing; a clean 10 in. cut, finished in attractive gold and blue. Price $9.50.

**LAWN MOWER OIL. 4-oz. cans** | Each $0.20
Power Lawn Mowers and Rollers

JACOBSEN POWER MOWERS

The lawn today is an essential part of the modern home. Without it, a beautiful home would be as much out of place as a parlor without a rug. There’s nothing handsomer than a green, evenly-cut, velvety lawn.

The Jacobsen Power Lawn Mower is the most compact and simplest power mower on the market today.

4-Acre Power Mower, 24 inch. Heavy Duty. Each $295.00
Grass Catchers, 24 in. Each 10.00
Junior 4-Acre Mower, 19 in. Each 7.00
Putting Green Mower, 19 in. Complete. Each 285.00
Putting Green Mower, 24 in. Complete. Each 335.00
Racine Estate Mower, Roller type, 24 in. Each 320.00

BOB-A-LAWN POWER MOTOR

The Bob-A-Lawn combines the advantages of both the power mower and the hand lawn mower without the disadvantages of either. Many power mowers are cumbersome, heavy and expensive; the Bob-A-Lawn is easy to handle, light and most moderately priced. All parts of engine and mower are accessible and easily adjusted. 19-inch cut.

Each $150.00

LAWN MOWER REPAIRS AND PARTS

Our Lawn Mower Service Department is equipped with the latest type of machinery and is operated by a staff of expert mechanics, capable of repairing or reconditioning any type of hand or power lawn mower.

Moderate charges—prompt service

MOTO-MOWERS

The outstanding advantages of the MOTO-MOWER are its many patented features—points that are, of course, exclusive to MOTO-MOWERS. It is that extra degree of efficiency these features make possible that has insured the almost invariable success of the MOTO-MOWER when tested out against other machines.

Detroit Model, 27 in. Each $280.00
City Model, 21 in. Each 188.00
Junior Model, 18 in. Each 138.50

GENUINE DUNHAM WATER BALLAST ROLLERS

The "Water Ballast Lawn and Garden Roller" requires but a moment’s time to obtain any weight from 115 pounds to half a ton, suitable to condition of ground or strength of operator. Furnished complete with wrought iron handles and counterweights.

Water Ballast Roller

The above rollers, less counter weights, $4.50 less.

CAST IRON ROLLER

We carry a full line of Horse and Lawn Rollers
Description and prices sent on request.
You cannot afford to till the ground without Planet Jr. tools. They not only save hard labor but they enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the result of fifty years' experience. Strong lasting construction. Fully guaranteed. We show but a few of these tools here but complete catalogue will be sent on application.

**SEEDERS**

<table>
<thead>
<tr>
<th>No. 3</th>
<th>Price</th>
<th>No. 220</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$17.50</td>
<td></td>
<td>$27.00</td>
</tr>
<tr>
<td>No. 4</td>
<td>18.00</td>
<td>No. 25</td>
<td>21.50</td>
</tr>
<tr>
<td>No. 4D, plain</td>
<td>14.25</td>
<td>No. 155-Four row</td>
<td>150.00</td>
</tr>
<tr>
<td>No. 5</td>
<td>20.00</td>
<td>No. 230</td>
<td>35.00</td>
</tr>
<tr>
<td>No. 300</td>
<td>20.00</td>
<td>No. 235</td>
<td>45.00</td>
</tr>
<tr>
<td>No. 157-Two row, New Style</td>
<td>43.00</td>
<td>No. 35, Seeder Attachment</td>
<td>6.50</td>
</tr>
</tbody>
</table>

**WHEEL HOES, GARDEN PLOWS, ETC.**

<table>
<thead>
<tr>
<th>No. 11 Double</th>
<th>Price</th>
<th>No. 18 Single</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 12</td>
<td>10.75</td>
<td>No. 19</td>
<td>5.75</td>
</tr>
<tr>
<td>No. 13</td>
<td>8.00</td>
<td>No. 119</td>
<td>4.25</td>
</tr>
<tr>
<td>No. 16 Single</td>
<td>9.00</td>
<td>7½ inch Star Pulverizer</td>
<td>3.25</td>
</tr>
<tr>
<td>No. 17</td>
<td>7.75</td>
<td>Fire Fly Plow</td>
<td>4.25</td>
</tr>
<tr>
<td>No. 17½ &quot;</td>
<td>6.75</td>
<td>No. 2. Grass Edger</td>
<td>1.60</td>
</tr>
</tbody>
</table>

**HORSE HOES**

<table>
<thead>
<tr>
<th>No. 4, with Wheel</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 7, with Wheel</td>
<td>15.75</td>
</tr>
<tr>
<td>No. 8, with Wheel</td>
<td>16.25</td>
</tr>
<tr>
<td>No. 9, with Wheel</td>
<td>14.25</td>
</tr>
<tr>
<td>No. 82, with Wheel</td>
<td>15.75</td>
</tr>
</tbody>
</table>

**PLAIN CULTIVATORS**

<table>
<thead>
<tr>
<th>No. 9, with Wheel</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 83, with Wheel</td>
<td>14.25</td>
</tr>
<tr>
<td>No. 101, with Wheel</td>
<td>11.00</td>
</tr>
</tbody>
</table>

**HARROWS**

<table>
<thead>
<tr>
<th>No. 90, complete</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 90B, less Pulverizer</td>
<td>14.00</td>
</tr>
<tr>
<td>Double Celery Hiller (New Style No. 3½)</td>
<td>25.00</td>
</tr>
</tbody>
</table>

**PIVOT WHEEL CULTIVATORS**

<table>
<thead>
<tr>
<th>No. 72, Pin Break Standards and Regular Bearings complete</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 72, Pin Break Standards and Regular Bearings complete</td>
<td>$100.00</td>
</tr>
</tbody>
</table>
**IMPLEMENTS AND TOOLS**

**PLOWS**

"GENUINE" OLIVER CHILLED PLOWS

**WOOD BEAM**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Furrow Inches</th>
<th>Plain</th>
<th>With Wheel</th>
<th>Or Cutter</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Light One-Horse... 4½ x 8</td>
<td>$10.00</td>
<td>$11.65</td>
<td>$15.25</td>
<td></td>
</tr>
<tr>
<td>B.</td>
<td>Medium One-Horse... 5 x 10</td>
<td>12.00</td>
<td>13.65</td>
<td>17.25</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Heavy One-Horse... 5½ x 11</td>
<td>15.00</td>
<td>17.65</td>
<td>21.25</td>
<td></td>
</tr>
<tr>
<td>13.</td>
<td>Very Lt. Two-Horse... 6 x 13</td>
<td>18.00</td>
<td>19.65</td>
<td>23.25</td>
<td></td>
</tr>
<tr>
<td>19.</td>
<td>Light Two-Horse... 6½ x 12</td>
<td>19.50</td>
<td>22.00</td>
<td>26.40</td>
<td></td>
</tr>
<tr>
<td>20.</td>
<td>Medium Two-Horse... 7 x 14</td>
<td>21.00</td>
<td>23.50</td>
<td>27.90</td>
<td></td>
</tr>
<tr>
<td>E.</td>
<td>Heavy Two-Horse... 7 x 14</td>
<td>24.00</td>
<td>26.50</td>
<td>30.90</td>
<td></td>
</tr>
<tr>
<td>40.</td>
<td>Heavy 2 or 3-Horse... 9 x 16</td>
<td>24.00</td>
<td>26.50</td>
<td>30.90</td>
<td></td>
</tr>
</tbody>
</table>

**STEEL BEAM**

Nos. 82, 83, and 84 are new patterns and intended for general purpose work.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Furrow Inches</th>
<th>Plain</th>
<th>With Wheel</th>
<th>Or Cutter</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.</td>
<td>Light Two-Horse... 6½ x 12</td>
<td>$19.75</td>
<td>$21.70</td>
<td>$26.40</td>
<td></td>
</tr>
<tr>
<td>83.</td>
<td>Medium Two-Horse... 7 x 14</td>
<td>21.50</td>
<td>23.45</td>
<td>28.15</td>
<td></td>
</tr>
<tr>
<td>84.</td>
<td>Heavy Two-Horse... 8 x 16</td>
<td>24.50</td>
<td>26.45</td>
<td>31.15</td>
<td></td>
</tr>
</tbody>
</table>

HOFMANN JR. PLANT FOOD DISTRIBUTOR

---

**OLIVER TRACTOR PLOWS**

By means of an adjustable hitch these Plows can be used with any make of tractor.

No. 135. Oliver 2-Bottom Tractor Plow. 14 inch cut.  
Each $115.00

No. 134. XX Oliver 1-Bottom Tractor Plow. 16 inch cut  
Each 110.00

**THE STEVENS HORSE FERTILIZER-SOWER**

Sows all kinds of fertilizers broadcast, or can be arranged for drills.

Regular size, sows 5 ft. 10 in. Each $70.00.

Extra large size, sows 8 ft. 3 in. Each $75.00.

**THE STEVENS HAND FERTILIZER-SOWER**

The finest Golf Greens and Lawns can be obtained only by an even distribution of fertilizers.

It can be successfully used for fertilizing strawberry beds, and other garden and field work; is excellent for sifting wood- or coal-ashes, sawdust or dry sand on icy walks, 34 in.

Price each $25.00

**THOMPSON'S WHEELBARROW GRASS SEEDER**

A duplex machine: one side sows all smooth seeds the size of Clover, Timothy, or Alfalfa; by reversing the hopper it sows solid or recleaned seeds such as Red Top or Blue Grass. Any quantity per acre can be sown.

No. 95. Double Hopper, 14 feet  
Each $22.00

**THOMPSON'S NO. 106 SPECIAL**

It broadcasts all solid or recleaned seeds such as Red Top, Orchard Grass, clean Blue Grass, as fast as a man will walk. Quickly adjusted for any quantities. The uniform broadcast prevents bunching, loss of seed and uneven turf.

No. 106. Single Hopper, 10 feet  
Each $23.00

**CAHOON'S PATENT BROADCAST SEED SOWER**

Sows all kinds of grain and grass seed from 4 to 8 acres per hour  
Each $5.00

---

This Distributor is simply and sturdily constructed. In fertilizing it is essential to have quick and easy adjustment to spread the material as required. The operator may adjust the feed of the machine without stopping and without fear of upsetting the machine, as the weight of the hopper and material is balanced on the wheels and the handle support.

All metal construction.

Hopper—30" long, 12" wide, 13½" deep. Capacity—approximately 60 pounds lime or corresponding capacity in pulverized fertilizer, seed, etc.

Hofmann Jr. Distributor.........................Each $20.00
DUBOIS

Dubois is the original Woven Wood Fence made in France, by hand, from selected live-cut chestnut saplings; heat treated to prevent warping and bound with rust-proof copper covered wire. Its economy and assurance of many years' dependable service is attested by installations right here in America that have stood for 30 years without needing paint or upkeep expense.

The natural, rustic beauty of Dubois lends itself to use with all styles of architecture. It is adaptable to dozens of artistic and practical uses, giving the suburban home all the privacy of a country estate. It eliminates the nuisance of glare from automobile headlights; it creates a charming background for shrubbery or perennial borders, and in suburban areas it is the logical means of hiding laundry yards, concealing service entrances and cutting off unlovely views. It is finding great favor in the construction of roof gardens. For complete screening, the 8 foot and 10 foot heights are a very popular improvement over the "bean-pole" type of fencing. All Dubois Fencing is made in panels of 5 ft. length and in the following heights: 18 inches, 3 feet 10 inches, 4 feet 11 inches, 6 feet 6 inches, 8 feet and 10 feet. Gates 3 feet wide and any height to match the fence can be furnished either straight or curved tops. Double Driveway Gates can also be supplied.

CLEFT CHESTNUT

In many respects Cleft Chestnut Fencing is an excellent substitute for the famous Dubois Fencing. It is a more rough and ready fence than Dubois, but it has charm and rustic beauty of its own, and it proves very satisfactory as fencing for a boundary or as a background for flowers and clinging vines, and like Dubois it gives remarkably long service. Where complete screening is not required, Cleft serves splendidly and gives the same effect of rustic beauty as Dubois Woven Wood Fence. Where economy is a consideration, it can often be used in combination with the latter, along those boundaries that are away from the road and from gaze of neighbors. Dubois Cleft is also made in France of the same quality live-cut chestnut, and heat-treated to prevent warping. It is surprisingly inexpensive, simply because the pickets are spaced 3/4 inch to 1 inch apart, permitting quicker making and using fewer pickets than the standard Dubois Woven Wood Fence in which the pickets are closely bound together. Dubois Cleft is supplied in 3 heights: 3 feet 10 inches, 4 feet 11 inches and 6 feet 6 inches. It comes in rolls, ready for erection against posts and stringers. Special gates can be supplied on order. Detailed catalogs showing many interesting uses of Dubois Fences will be mailed with price list on request.

GENUINE DUBOIS IS BRANDED

Prices Per Lineal Foot

<table>
<thead>
<tr>
<th>Height</th>
<th>Dubois</th>
<th>Cleft</th>
</tr>
</thead>
<tbody>
<tr>
<td>18&quot;</td>
<td>.75</td>
<td>.50</td>
</tr>
<tr>
<td>3'10&quot;</td>
<td>1.45</td>
<td>.65</td>
</tr>
<tr>
<td>4'11&quot;</td>
<td>1.65</td>
<td>.85</td>
</tr>
<tr>
<td>6'6&quot;</td>
<td>1.95</td>
<td>.95</td>
</tr>
</tbody>
</table>

All prices F.O.B. Boston, Mass. Prices of other heights, gates, etc., on application.

Send for a Dubois Catalog
Reeveshire Hurdle Fence is made of split live chestnut timber. It is constructed in sections or hurdles, each hurdle being 8 feet 3 inches long. There are posts at both ends 6 feet high which extend into the ground eighteen inches. The top rails of either 4, 5, or 6 bar hurdles are four feet above the ground. Stout pins hold the hurdles together. Reeveshire Hurdle Fencing is easily taken down and transferred from one plot to another and during the winter it may be compactly stored. Its appearance is very aristocratic and it is very easy to erect. Start a hole with a crowbar and then drive the end posts in. It requires no digging of post holes.

Circulars complete with information, photographs and prices will gladly be sent on request.

Old-Fashioned Post and Rail Fence

This fence is ideal for paneling hunting country or for fencing the large country estate and it reminds one of the old split rail fences so common years ago. In fact it is a fence that perfectly fits into the New England landscape. It is strongly recommended in place of any type of wire fence and it not only lasts longer but blends much better with natural surroundings. The rails are left in the rough and the posts are adze hewn. When set the fence is four feet high. It can be furnished in 3 or 4 rail style with either eleven or thirteen foot rails. The ends of the posts are creosoted to insure long life. No fence is easier to erect.

"Artcrete" is a superior quality of furniture for garden and interior decoration moulded from crushed white marble or granite and cement. It resists time and weather like natural stone and becomes more beautiful with age. It is made of the same material throughout. It is not surfaced. Every piece is reinforced. The Artcrete line includes a great variety of Bird Baths, Gazing Globe and Sundial Pedestals, Fountains, Pots, Window Boxes, Benches, Jars, etc. A wide variety of Artcrete items is carried in stock both at State Street and at the nursery in Lexington. Illustrated folder on request.
WIRE FENCING

“AMERICAN” GALVANIZED WOVEN WIRE FENCE

FARM FENCE

Prices given per rod (16½ feet)

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per rod</th>
</tr>
</thead>
<tbody>
<tr>
<td>635</td>
<td>35 in. 12 in. Stays, Specification No. 11</td>
<td>$0.55</td>
</tr>
<tr>
<td>832</td>
<td>32 in. 6 in. Stays, Specification No. 12</td>
<td>$0.65</td>
</tr>
<tr>
<td>845</td>
<td>45 in. 12 in. Stays, Specification No. 11</td>
<td>$0.66</td>
</tr>
<tr>
<td>1047</td>
<td>47 in. 12 in. Stays, Specification No. 11</td>
<td>$0.80</td>
</tr>
<tr>
<td>1155</td>
<td>55 in. 12 in. Stays, Specification No. 11</td>
<td>$0.90</td>
</tr>
</tbody>
</table>

POULTRY FENCE

Per rod

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Per rod</th>
</tr>
</thead>
<tbody>
<tr>
<td>2158</td>
<td>58 in. 6 in. Stays, Specification No. 14½</td>
<td>$0.95</td>
</tr>
</tbody>
</table>

GALVANIZED POULTRY NETTING STAPLES

Netting staples in 1 pound packages | Per lb. | $0.15
Netting staples in less than keg lots | Per lb. | $0.11
Netting staples in 100 pound kegs | Per lb. | $0.10

WIRE MESH TREE GUARDS

Wire Mesh, 15x4 in. for protecting young trees from rabbits, mice, etc. | Each | $0.15

“IMPERIAL” FENCE

Heavily galvanized with pickets 2½ inches apart at bottom.

30-inch. Style “El” Fabric | Per foot | $0.18
42-inch. Style “El” Fabric | Per foot | $0.20
48-inch. Style “El” Fabric | Per foot | $0.23

IMPERIAL WALK GATE

For 3-foot Opening | Each | $5.00
For 3½-foot Opening | Each | $5.25

IMPERIAL FLOWER BED GUARD

16 inches high | Per foot | $0.08
22 inches high | Per foot | $0.09

IMPERIAL TRELLIS

18 inches wide | Per foot | $0.10
24 inches wide | Per foot | $0.12

Above prices are for full bales. When cut lengths are ordered add 3¢ per ft. to the prices quoted. Imperial Fences for Poultry, Rabbits, Hogs, and Stock, also posts, are carried in stock in Boston. Catalog mailed on application.

ORNAMENTAL FENCE DEPT.

EXCELSIOR CHAIN LINK, RUSTPROOF FENCES AND GATES

ESTIMATES GIVEN ON COMPLETE FENCE ERECTED

DIAMOND LAWN FENCE

42 inch Non-Climbable. Specification No. 1 | Per rod | $1.90
50 inch Non-Climbable. Specification No. 1 | Per rod | $2.20
58 inch Non-Climbable. Specification No. 1 | Per rod | $2.50

Bales contain 10 rods. Above sizes carried in stock, Boston. Prices above are for Full Bales. Special prices for cut lengths.

Standard Garden Tractor

Field Lugs | 2 Rear Tool Posts
Double Draw Bar | 2 Straight Tool Posts
Special Tool Control | 6 Steels
2 Caster Wheels | Air Cleaner
2 Front Tool Posts | All Required
6 Steels | Clamps and Bolts

The Standard Tractor is a practical machine—resulting from the knowledge which the world has accumulated in the handling of power machinery—that will go into your fields and enable you to spend your energy in the mental direction of that power, rather than in the back breaking effort of developing it.

The power plant in the Standard Tractor is a one cylinder, four cycle, air cooled gas engine; made particularly for this work. It is not a stationary farm engine or high speed motor bicycle engine belted up on a garden tractor; but a specially built heavy duty, moderate speed engine with big bearings and big motor parts; made for the STANDARD GARDEN TRACTOR. It is 3 inch bore by 3 inch stroke, giving it a horsepower rating of 3½ H.P.

Complete Catalog covering Tractor and extra attachment mailed on request. Price on application.
ORDERS
In filling out the enclosed Order Forms, or in ordering by letter, please be sure to write your name and address legibly. PRINT THEM IF YOU PLEASE.

WE EARNESTLY BEG OF YOU TO GET YOUR ORDERS ENTERED EARLY FOR OUR MUTUAL ADVANTAGE: because it insures your receiving all the items you desire, (a supply of some varieties of seeds is limited this year); and also you will receive your Garden Supplies in ample time before the first warm planting days arrive.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE HOUSE WITH THE EXCEPTION OF ORDERS FOR NURSERY STOCK OR INQUIRIES RELATIVE THERETO WHICH SHOULD BE SENT TO THE LEXINGTON OFFICE.

All correspondence except that relative to Nursery Stock should be addressed to BRECK'S, 85 State Street, Boston.

REMITTANCES
When sending a remittance it is safest to use a Money Order or Check. If currency is sent, please be sure to forward it by registered mail.

CHARGE ACCOUNTS
Some people who order a considerable quantity of merchandise in a year find it more convenient to establish a charge account and in such cases we are glad to accommodate them on receiving satisfactory credit references.

DELIVERY
When cash accompanies the order we prepay carriage to any point in the United States on all Vegetable and Flower Seeds in packets, ounces, quarter-pounds, half-pounds, and one pounds at the prices quoted herein EXCEPT ON PEAS, BEANS, AND CORN. We also prepay carriage on Cash Orders for Bulbs at the single and dozen rate.

Our prices do not include carriage on Peas, Beans, and Corn, Seeds in bulk, Nursery Stock, or Plants of any kind, Fertilizers, Insecticides, Implements, Tools or Horticultural Sundries. These are forwarded by Parcel Post, Express or Freight as the order is placed. We recommend that all Nursery Stock be shipped by express or motor truck. Parcel Post shipment of plants is not recommended.

NURSERY STOCK IS NEVER SHIPPED C.O.D., unless the order when placed is accompanied by 25% of the purchase price.

PACKING
We make no charge for boxes or packing on orders at the prices noted in this catalogue except where unusual packing is required on shipments such as Flower Pots, Fancy Pottery, and other such fragile articles, or on Hot Bed Sash and certain specimen Shrubs and Plants that require extraordinary care in packing.

We charge extra for Seed Bags at value.

NURSERIES
Munroe Station, Lexington, Mass.
(LEX. 0260)

TERMS
DELIVERY
REMITTANCES
SHIPIEMENTS
PACKING

NET CASH. Prices subject to change without notice.

UNLESS OTHERWISE SPECIFIED, ALL QUOTATIONS ARE F.O.B. BOSTON.

IF GOODS ARE WANTED C.O.D. 25 PER CENT OF THE AMOUNT MUST AC COMPANY THE ORDER.

WE MAKE NO CHARGE FOR SHIPPING OR CARTING GOODS TO ANY RAILROAD STATION, STEAMSHIP LINE, OR EXPRESS OFFICE IN BOSTON.

PARCEL POST AND EXPRESS
Goods forwarded by Parcel Post are usually delivered quickly and for short distances Parcel Post costs less than Express. Within the first three zones parcels weighing seventy pounds or less can be forwarded by Parcel Post; parcels weighing fifty pounds can go by Parcel Post anywhere in the United States; no package may exceed eighty-four inches in measurement all around and including height. Shipments of any weight can go by Express and for heavier weights and long distances Express rates are lower than Parcel Post rates.

DOMESTIC PARCEL POST RATES
For First For each Additional

<table>
<thead>
<tr>
<th>Zones from Boston, Mass.</th>
<th>Pound Allow</th>
<th>Pound Add</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Zone, within 50 miles</td>
<td>$0.07</td>
<td>$0.01</td>
</tr>
<tr>
<td>Second Zone, within 50 to 150 miles</td>
<td>$0.07</td>
<td>$0.1</td>
</tr>
<tr>
<td>Third Zone, within 150 to 300 miles</td>
<td>$0.08</td>
<td>$0.2</td>
</tr>
<tr>
<td>Fourth Zone, within 300 to 600 miles</td>
<td>$0.08</td>
<td>$0.4</td>
</tr>
<tr>
<td>Fifth Zone, within 600 to 1000 miles</td>
<td>$0.09</td>
<td>$0.6</td>
</tr>
<tr>
<td>Sixth Zone, within 1000 to 1400 miles</td>
<td>$0.10</td>
<td>$0.8</td>
</tr>
<tr>
<td>Seventh Zone, within 1400 to 1800 miles</td>
<td>$0.12</td>
<td>$1.0</td>
</tr>
<tr>
<td>Eighth Zone, over 1800 miles</td>
<td>$0.13</td>
<td>$1.2</td>
</tr>
</tbody>
</table>

NON WARRANTY
Inasmuch as we cannot control Nature and the conditions affecting the successful growing of Seeds, Bulbs, Plants and Nursery Stock, such as unfavorable weather, soil, moisture, planting, cultivation, insects and the like, we can not and will not give any warranty express or implied as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, Nursery Stock, or Plants we sell, and we will not be in any way responsible for the crop. Every order for such goods will be executed on these conditions only. Employees are forbidden to give warranties or guarantees.

Joseph Breck & Sons Corporation

WAREHOUSES
15-24 Lewis Wharf, Boston
BRECK'S

Lawn in the Making

A Booklet of expert advice on the making and maintenance of Lawns, is enclosed in this package. Be sure to read carefully before planting this seed.

BRECK'S

SHADY SPOT
LAWN GRASS SEED

ONE QUART
SUFFICIENT TO SOW ABOUT 200 SQUARE FEET

Price 50 Cents

This carefully compounded mixture of Lawn Grass Seeds contains Red Top, English Rye Grass, Kentucky Blue Grass, Fescue and Rough Stalked Meadow, which are adapted by nature to growth under trees and in other places where the sunlight does not readily penetrate to its full intensity. Prepared according to a Secret Formula handed down through four generations of the Breck Family.

Weeds less than 1 1/2%. No Noxious Weeds. Inert matter 16%.

Joseph Breck & Sons
Boston • Massachusetts
Seedsmen and Nurserymen since 1818